AGNICO EAGLE

Meadowbank Division

WHALE TAIL MINE -

Water Management Plan

JUNE 2023
VERSION 11_NWB

EXECUTIVE SUMMARY

Agnico Eagle Mines Limited – Meadowbank Division (Agnico Eagle) is developing the Whale Tail Mine (Project), a satellite deposit located on the Amaruq property, to extend mine operations and milling at Meadowbank Mine. In 2020 the Whale Tail Expansion Project (Expansion Project) was approved, permitting Agnico Eagle to expand and extend the Whale Tail Mine operations to include a larger Whale Tail open pit, development of the IVR open pit, and underground operations while continuing to operate and process ore at the Meadowbank Mine.

The Amaruq property is a 408 square kilometre (km^2) site located on Inuit Owned Land (IOL) approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. The deposit is currently being mined as two open pits (i.e., Whale Tail Pit and IVR Pit) and underground operations, and ore is hauled to the approved infrastructure at Meadowbank Mine for milling.

In 2021, approvals were provided for pushbacks on the IVR and Whale Tail pits (Pushback Project). The Water Management Plan v11_NWB was updated to reflect the continuation of the Whale Tail Pushback, continuation of the IVR Pushback, and temporary storage of groundwater in IVR Pit (referred to as the 2023 Modification).

The open pit mine, mined by drill and blast operations, includes four development phases: 1 year of construction (complete), 7 years of mine operations, 17 years of closure, and the post closure period. On September 30th, 2019, commercial production began at the Whale Tail Pit. The mine will produce in total 24.5 million tonnes (Mt) of ore, 186.2 Mt of waste rock, and 5.4 Mt of overburden waste. The 2023 Modification is within the approved mine production and includes the generation of 0.8 Mt of ore and produces 3.0 Mt of additional waste material (rock and overburden) which will be stored in the existing Waste Rock Storage Facilities (WRSF). Non-leachable material will also be stored in the pits. The 2023 modification does not affect the life of mine, which will remain in operation until 2025.

The water management objectives for the Project are to minimize potential impacts to the quantity and quality of surface water at the mine site. Water management structures (water retention dikes/berms and diversion channels) have been and will be constructed, dependent on the potential presence and volume of water, to contain and manage the contact water from the areas affected by the mine or mining activities. The major water management infrastructure includes contact water collection ponds, diversion channels, water retention dikes, culverts, seepage collection systems, water treatment plants for effluent, a potable water treatment plant, a sewage treatment plant, and discharge diffusers.

This Water Management Plan for the Project describes the main objectives pertaining to water management, which are to limit the flow of surface water runoff in the pit and to limit the impact on the local environment. In developing the water management plan, the following principles were followed:

- keep the different water types separated as much as possible.
- control and minimize contact water through diversion and containment.
- minimize freshwater consumption by recycling and reusing the contact and process water wherever feasible; and
- meet discharge criteria before any site contact water is released to the downstream environment.

During mine construction and operations, contact water originating from affected areas on surface is intercepted, diverted, and collected within the various collection ponds. The collected water on the mine site is pumped and stored in the Whale Tail Attenuation Pond and IVR Attenuation Pond, where the contact water is treated by the Water Treatment Plant (WTP) (as required according to water quality) prior to discharge to the receiving environment or reused in the operations. The 2023 modification includes the temporary storage of groundwater in IVR Pit, per approved Adaptive Management Plan (Agnico Eagle 2021).

During operations, site contact water quality is predicted to exceed established effluent criteria (i.e., under the Whale Tail Water Licence [2AM-WTP1830]) in the Whale Tail WRSF Pond and in the Whale Tail Pit sump. Therefore, this water is controlled by the Whale Tail WRSF Dike and the Whale Tail WRSF Pond. The Whale Tail WRSF Pond water will report with all other contact water and will be mixed in the Whale Tail and IVR Attenuation Ponds and treated during operations.

During operations when the mine is at its maximum footprint, the conservative predictions of future water quality indicate that most parameter concentrations in the downstream environment are below CEQG-AL. A site wide water balance will be updated yearly, and end pit water quality modelling will be updated yearly to update predictions.

Water management during closure and reclamation will involve actively filling the underground facilities, Whale Tail Pit and IVR Pit, and passively allowing the Whale Tail Attenuation Pond to flood. The Groundwater Storage Ponds and IVR Attenuation Pond will be emptied at the start of closure and backfilled with NPAG/non-ML waste rock. The groundwater temporarily stored in IVR Pit will be pumped to the underground void space prior to actively filling IVR Pit. The Whale Tail and IVR WRSFs will be progressively covered with NPAG/non-ML waste rock throughout operations and are expected to be completely covered at the beginning of closure. The pushback in IVR pit will be backfilled with NPAG-non-ML rock material and filled by natural flow. Contact water management systems will remain on site until monitoring results demonstrate that water quality is acceptable for discharge of all contact water to the environment without further treatment. Once water quality meets the discharge criteria, the water management systems will be decommissioned to allow the water to naturally flow to the receiving environment. Through best management practices and mitigation, the predicted water quality of Whale Tail Lake (North Basin) meets aquatic life guidelines post-closure.

The projected water quality in Mammoth Lake is predicted to meet guidelines in post-closure for all constituents of potential concern (including chloride, fluoride, nitrate, and total selenium, as identified in the 2018 FEIS), with the exception of chromium, iron, and phosphorus.

The updated water quality data shows a stable trend in the water quality indicators. At closure and post-closure, flooded pit water quality is predicted to meet receiving water quality criteria when flooding is complete, allowing reconnection with the downstream receiving environment.

Dikes will not be breached until the water quality in the flooded area meets the approved water quality objectives. During mine closure, no mine discharges will occur to the downstream receiving environment since all contact waters are diverted to the open pit, underground and Whale Tail Lake (North Basin) for re-flooding.

DOCUMENT CONTROL

Version	Date	Section	Page	Revision	Author
1	January 2017			Water Management Plan for the Whale Tail Pit	Agnico Eagle Meadowbank Division and Golder Associates Ltd.
2	September 2018	All	All	Water Management Plan for the Whale Tail Pit	Agnico Eagle Meadowbank Division and SNC-Lavalin Inc.
3	October 2018	3.1.4.11 3.3.1	23 32	Updated to align with recommendations issued by CIRNAC, ECCC and KIA in October 2018	Agnico Eagle Meadowbank Division
4	March 2020	All	All	Updated to reflect current operations/water mgmt and to comply with commitments and requests	Agnico Eagle Meadowbank Division
5	July 2020	All	All	Water Management Plan for the Whale Tail Pit – including Expansion Project	Agnico Eagle Meadowbank Division
6	April 2021	All	All	Updated to reflect current operations/water mgmt and to comply with commitments and requests	Agnico Eagle Meadowbank Division
7_NWB	June 2021	Summary 3.7.12 3.10 5.0 Appendices	i-ii 33 42 49 N.A.	Updated to include Pushback Project Added new section Figure on pushback in IVR Adaptive Mgmt Updated WQ models	AEM – Permitting & Regulatory Affairs (all changes)
8	December 2021	3.4 3.8	17 37	Clarification on wording for source of water use for emulsion plant	Agnico Eagle Meadowbank Division
9	March 2022	All	All	Updated to reflect current operations/water mgmt and to comply with commitments and requests	Agnico Eagle Meadowbank Division
10	March 2023	3.1, 4	All	Section 3.1 water management targets, Section 4 water quality forecast update	Agnico Eagle Meadowbank Division
11_NWB	June 2023			Updated to include the 2023 Modification (Pushbacks and IVR Pit temporary storage) Updates are flagged in the right-hand margin using the following: ▌⬅	Agnico Eagle Permitting & Regulatory Affairs

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ACRONYMS

Agnico Eagle	Agnico Eagle Mines Limited – Meadowbank Complex
ARD	Acid Rock Deposition
CCME	Canadian Council of Ministers of the Environment
DFO	Department of Fisheries and Oceans Canada
Expansion Project	Whale Tail Pit – Expansion Project
FEIS	Final Environmental Impact Statement
IOL	Inuit Owned Land
LOM	Life of Mine
2023 Modification	Continuation of Whale Tail Pit Pushback and IVR Pit Pushback and temporary storage of groundwater in IVR Pit
NIRB	Nunavut Impact Review Board
NWB	Nunavut Water Board
NE	North-East
OMS	Operation, Maintenance, and Surveillance
PGA	Peak Ground Acceleration
Plan	Water Management Plan
Project	Whale Tail Mine
Pushback Project	Whale Tail and IVR Pit – Pushback Expansion Project
STP	Sewage Treatment Plant
TSF	Tailings Storage Facility
TSS	Total Suspended Solids
WRSF	Waste Rock Storage Facility
WSER	Wastewater System Effluent Regulations
WTP	Water Treatment Plant
WT	Whale Tail
WTSC	Whale Tail South Channel

UNITS

±	plus or minus
<	less than
%	percent
°C	degrees Celsius
°C/m	degrees Celsius per metre
km	kilometre(s)
km^2	square kilometre(s)
L/day/person	litres per person per day
masl	metre(s) above sea level
mbgs	metre(s) below ground surface
mg/L	milligrams per litre
m	metre
mm	millimetre
m^3	cubic metre(s)
m^3/day	cubic metres per day
m^3/hour	cubic metres per hour
m^3/year	cubic metres per year
Mm^3/year	million cubic metre(s) per year
Mm^3	million cubic metre(s)
t	tonne
Mt	million tonne(s)

SECTION 1 • INTRODUCTION

Agnico Eagle Mines Limited – Meadowbank Division (Agnico Eagle) is currently operating the Whale Tail Mine (Project), a satellite deposit located on the Amaruq property, and continues to feed the mill at Meadowbank Mine. In 2020 the Whale Tail Expansion Project (Expansion Project) was approved, allowing Agnico Eagle to expand and extend the Whale Tail Pit operations to include a larger Whale Tail open pit, development of the IVR open pit, and underground operations while continuing to operate and process ore at the Meadowbank Mine.

In 2021, approvals were provided for pushbacks on the IVR and Whale Tail pits (Pushback Project). The Water Management Plan V11_NWB was updated to reflect the continuation of the Whale Tail Pushback, continuation of the IVR Pushback, and temporary storage of groundwater in IVR Pit (referred to as the 2023 Modification).The Amaruq property is a 408 square kilometre (km^2) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. The deposit will be mined as two open pits (i.e., Whale Tail Pit and IVR Pit) and underground operations, and ore will be hauled to the approved infrastructure at Meadowbank Mine for milling.

The open pits and underground mine, mined by truck-and-shovel operation, includes four development phases: 1 year of construction (complete), 7 years of mine operations, 17 years of closure, and the post closure period. The ore milling period for the Whale Tail project is planned over an eight-year period, from 2019 to 2026 will not change as part of the 2023 Modification.

The construction and preparation of material started in summer 2018 after all permits and authorizations were received, and construction of the dikes started in the third quarter of Year -1 (2018). Focus on site preparation and construction of infrastructure, with the development of the open pit to produce construction material continued in 2018 and 2019. On September 30th, 2019, commercial production began.

Waste rock and overburden will be stored in the Waste Rock Storage Facility (Whale Tail WRSF and IVR WRSF) and ore will be stockpiled on the ore pads. Some NPAG-NML material will also be stored in the IVR pit pushback. The waste rock storage footprint, water management infrastructure, and camp have been designed and consider up to eight years of production to allow for expected resource growth. The underground WRSF (AP-5 location) that was permitted under the Type B will be expanded and became a facility regulated under the Type A Water Licence (2AM-WTP1830). Agnico Eagle will increase the footprint of the underground area to the north to accommodate additional waste storage. The existing tailings facility at Meadowbank Mine will continue to be used for tailings disposal. All tailings treatment and disposal will remain consistent with the current Project Certificate (No. 004).

As per the Interim Closure and Reclamation Plan (ICRP), closure will occur from Year 8 (2026) to Year 24 (2042) after the completion of milling and will include removal of the non-essential site infrastructure and filling of the mined-out open pits and underground mine as well as reestablishment of the natural Lake A17 (Whale Tail Lake) level. Only essential infrastructure related to water treatment will remain on site during the closure and post-closure phases. Accordingly, in addition to the Water Treatment Plant (WTP), a part of the camp, including all infrastructure allowing camp autonomy and security, as well as site roads, will be maintained following the operational phase (see more information in the Whale Tail Pit Interim Closure and Reclamation Plan). Post-closure is expected from Year 24 (2042) onwards. The closure schedule for the overall Project is based on the preliminary closure methods and strategies discussed in the Whale Tail ICRP. It is anticipated that the schedule will be refined throughout the Project life as the designs are advanced, and the closure methods and strategies are further developed. Site and surrounding environment monitoring started from the beginning of the construction and will be completed during the post-closure phase when it is shown that the site and water quality meets the regulatory closure objectives. Table 1.1 summarizes the overview of the timeline and general activities.

Table 1.1 Overview of Timeline and General Activities

Phase	Year	General Activities
Construction	Year -1	• Construct site infrastructure • Develop open pit mine • Stockpile ore
Operations	Year 1 to 7	• Open pits operations • Underground operations • Transport ore to Meadowbank Mine • Stockpile ore • Discharge Tailings in Meadowbank TSF
	Year 8	• Complete transportation of ore to Meadowbank Mine • Complete discharge of tailings in Meadowbank TSF
Closure	Year 9 to 24	• Remove non-essential site infrastructure • Flood mined-out open pits and underground operations • Re-establish natural Whale Tail Lake level
Post-Closure	Year 25 onwards	• Site and surrounding environment monitoring

TSF = Tailings Storage Facility

This document presents the Water Management Plan (Plan) for the Project in accordance with Part E Item 5 of the Nunavut Water Board (NWB) Water License 2AM – WTP1830 including modifications stemming from the Pushback Project and to include the 2023 Modification. It is a requirement of the License that an updated Water Management Plan be submitted on an annual basis following the commencement of Operation. The Plan must include an updated Water Balance and actions to be implemented if predicted re-flooded pits water quality indicate that water treatment is necessary.

SECTION 2 • BACKGROUND INFORMATION

2.1 Site Conditions

The general mine site location for the Project is presented in Figure 2.1.

2.1.1 Climate

Climate characteristics presented herein were extracted from the permitting level engineering report (SNC 2015).

The Project is in an arid arctic environment that experiences extreme winter conditions, with an annual mean temperature of -11.3 degrees Celsius (°C). The monthly mean temperature ranges from -31.3°C in January to 11.6°C in June, with above-freezing mean temperatures from June to September. The annual mean total precipitation at the Project is 249 millimetres (mm), with 59 percent (%) of precipitation falling as rain, and 41% falling as snow. Mean annual losses were estimated to be 248 mm for lake evaporation, 80 mm for evapotranspiration, and 72 mm for sublimation. Mean annual temperature, precipitation, and losses characteristics are presented in Table 2.1.

Short-duration rainfall, representative of the Project are presented in Table 2.2, based on intensity-duration-frequency curves available from the Baker Lake A meteorological station (Station ID 300500) operated by the Government of Canada (2015).

Figure 2.1 Location of the Project

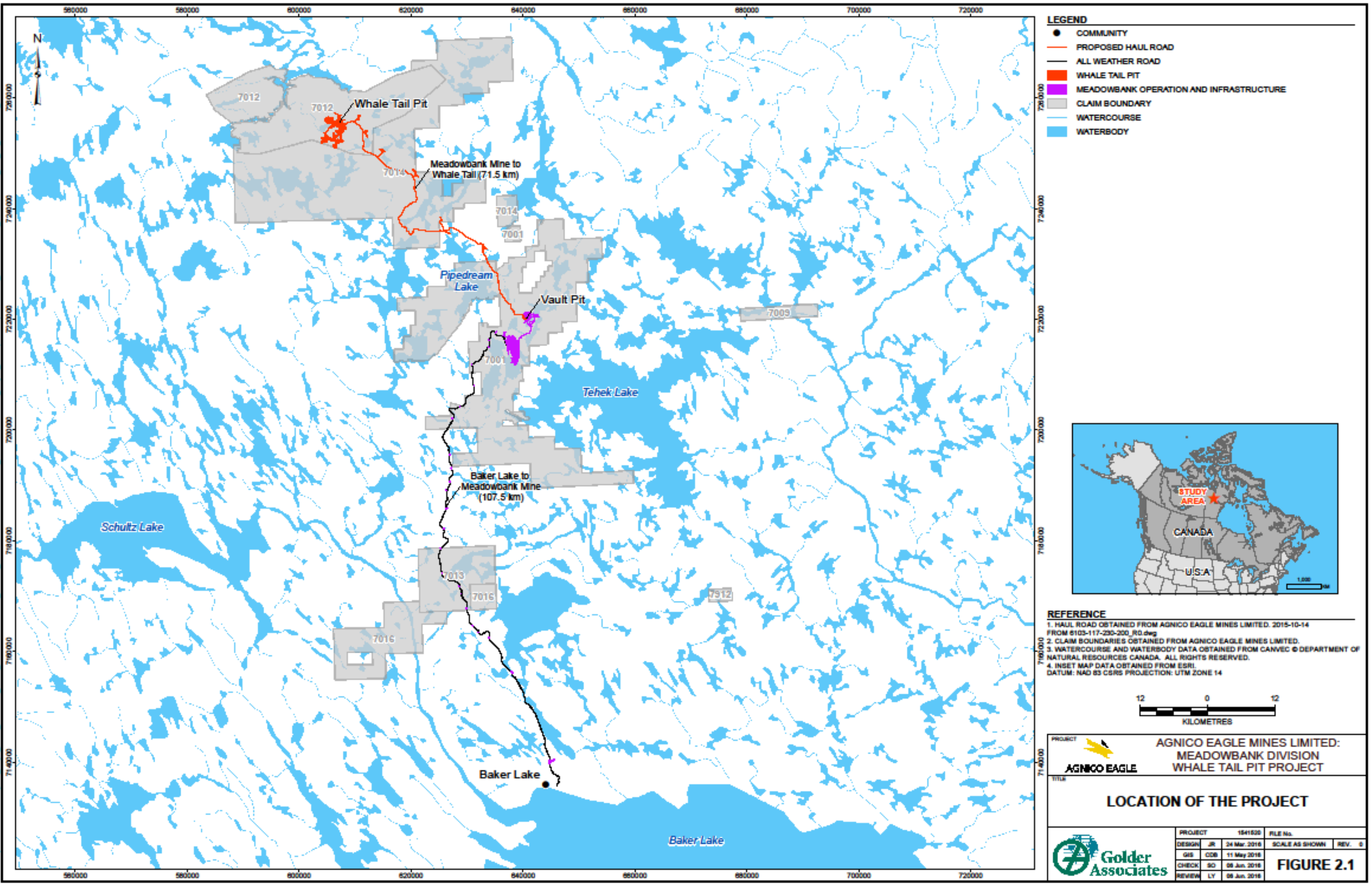


Table 2.1 Estimated Mine Site Monthly Mean Climate Characteristics

Month[a]	Mean Air Temp. (°C) [a]	Monthly Precipitation (mm) [a]			Losses [a]		
		Rainfall (mm)	Snowfall Water Equivalent (mm)	Total Precip. (mm)	Lake Evap. (mm)	Evapo-transpiration (mm)	Snow Sublimation (mm)
January	-31.3	0	7	7	0	0	9
February	-31.1	0	6	6	0	0	9
March	-26.3	0	9	9	0	0	9
April	-17.0	0	13	13	0	0	9
May	-6.4	5	8	13	0	0	9
June	4.9	18	3	21	9	3	0
July	11.6	39	0	39	99	32	0
August	9.8	42	1	43	100	32	0
September	3.1	35	7	42	40	13	0
October	-6.5	6	22	28	0	0	9
November	-19.3	0	17	17	0	0	9
December	-26.8	0	10	10	0	0	9
Annual	-11.3	146	103	249	248	80	72

[a] SNC (2015).

°C = degrees Celsius; mm = millimetre.

Table 2.2 Estimated Mine Site Extreme 24-Hour Rainfall Events

Return Period (Years) [a]	24-hour Precipitation (mm) [a]
2	27
5	40
10	48
25	57
50	67
100	75
1000	101

[a] SNC (2015).

mm = millimetre.

2.1.2 Permafrost and Hydrogeology

2.1.2.1 Permafrost Conditions and Assessment

Thermal assessments have been completed that contribute to the understanding of the permafrost conditions near the Whale Tail Pit, IVR Pit, and Underground Mine. An update of the Whale Tail Thermal Assessment was conducted in April 2019 (Golder 2019b). The thermal assessment evaluated existing permafrost characteristics in the Whale Tail Lake and Project area and existing talik conditions under the Whale Tail Lake adjacent to the Project. The thermal assessment was completed based on available thermistor data to date, as well as the results of a thermal 2D modelling exercise and 3D block model prepared to assess permafrost conditions and the extent of talik formations beneath the Whale Tail Lake.

The updated thermal assessment of the project also took into consideration the groundwater monitoring program (Westbay well sampling) that took place in November 2018 (Golder 2019b). The 2018 groundwater monitoring program indicates that water samples were collected from fixed ports along the Westbay system between 276 m and 499 m below the ground surface, which suggests that the Westbay system is installed in open talik, or water sampling would not have been possible at depth.

The mine site is located in an area of continuous permafrost, as shown on Figure 2.2. Based on measurements of ground temperatures (Knight Piésold 2015), the depth of permafrost at the mine site is estimated to be in the order of 425 metres (m) outside of the influence of waterbodies. The depth of the permafrost and active layer will vary based on proximity to the lakes, overburden thickness, vegetation, climate conditions, and slope direction. The typical depth of the active layer is 2 m in this region of Canada. The estimated depth of zero amplitude from the temperature profiles ranges from 18 m to 35 m. The temperatures at the depths of zero amplitude are in the range of -3.1 °C to -8.6 °C for on land thermistors and 2.7 °C for AMQ17-1265A. The geothermal gradient estimated based on the lowest 70 to 100 m of the thermistor strings is in the range of 0.004 °C/m (AMQ15-294) to 0.052 °C/m. Late-winter ice thickness on freshwater lakes is approximately 2.0 m. Ice covers usually appear by the end of October and are completely formed in early November. The spring ice melt typically begins in mid-June and is complete by early July.

The information presented in the following section is based on the updated report *Hydrogeological Assessment and Modelling Whale Tail Pit - Expansion Project* (Golder 2019e). The following summarizes the updated understanding of permafrost conditions in the Expansion Project Area:

- The depth of permafrost outside of the influence of lakes is estimated to be between 452 m and 522 m based on thermal gradients and ground temperatures at the lowest portions of the thermistor strings. The depth of permafrost increases with increasing distance from lakes with talik.
- Considering the 2D thermal modelling and 3D block model, the assessment indicated that:

  - Under the northern portion of the lake below Whale Tail Pit, there is likely a closed talik formation (Section C of the thermal modelling report).
  - Open talik conditions are probable in the southern portion of the lake where the Whale Tail Lake becomes wider (Section G of the thermal modelling report).
  - Permafrost depth is between 480 m and 550 m for ground away from the Whale Tail Lake, and between 350 m and 450 m below surface in portions beneath the Whale Tail Lake where a closed talik is present.
  - The cryopeg thickness is likely between 20 m to 30 m.

2.1.2.2 Groundwater Flow Regime

Groundwater characteristics at the mine site are detailed in the Expansion Project Final Environmental Impact Statement (FEIS), Addendum Volume 6, Section 6.3. The hydrogeological model was updated in May 2019 with hydrogeological modelling completed for the Expansion Project since submission of the FEIS addendum in December 2018 (Golder 2019e). The model was updated based on results of monitoring at the Westbay system in November 2018, supplemental packer testing in December 2018, and additional 2D and 3D thermal analysis in 2019. The updated hydrogeological model was then used to provide revised predictions of groundwater inflow and total dissolved solids (TDS) concentrations during dewatering, mining, pit and underground flooding, and long-term post-closure (reflooded) conditions.

Two groundwater flow regimes occur at the Expansion Project: a deep groundwater flow regime beneath permafrost and a shallow groundwater flow system located in the active (seasonally thawed) layer near the ground surface. Except for areas of taliks beneath lakes, the two groundwater regimes are isolated from one another by thick permafrost.

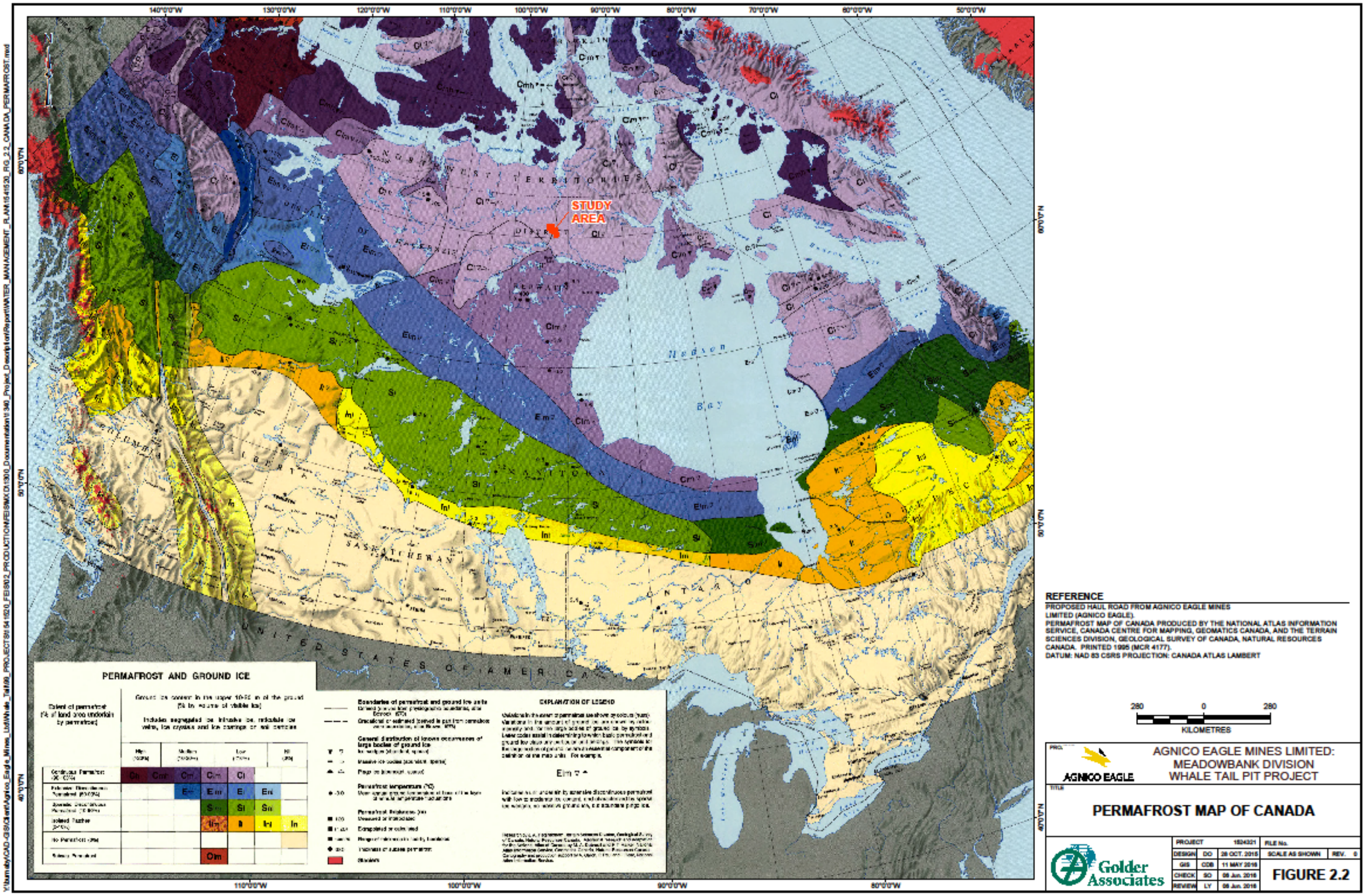
Groundwater flow within the deep groundwater flow regime is limited to the sub-permafrost zone. This deep groundwater flow regime is connected to ground surface by open taliks underlying larger lakes. The elevations of these lakes are the primary control of groundwater flow directions in the deep groundwater flow regime, with density gradients providing a potential secondary control. The elevations of these lakes in the baseline study area indicate that Whale Tail Lake is likely a groundwater discharge zone at the south end of the Lake, with flow from Lake A60 to Whale Tail Lake, and a groundwater recharge zone at the north end of the Lake, with flow from Whale Tail Lake to Lake DS1 (Figure 2.3).

While portions of Whale Tail Pit are located within unfrozen rock, the IVR Pit and the Underground Project are fully contained within permafrost as per current planning. Groundwater inflow is therefore only expected during operations in the Whale Tail Pit.

Mining of the Whale Tail Pit occurs within the talik underlying Whale Tail Lake, whereas the latest version of the Underground Project is located in permafrost. The Underground is not directly connected to either Whale Tail Pit or IVR Pit.

During mining, the Whale Tail Pit will act as a sink for groundwater flow, with seepage faces developing along portions of the pit walls. In response to the deepening of the mine workings, groundwater will be induced to flow through bedrock to the Whale Tail Pit. Mine inflow will originate primarily from Whale Tail Lake (South Basin), the Whale Tail Attenuation Pond, and deep bedrock underlying the permafrost.

Figure 2.2 Permafrost Map of Canada



REFERENCE

PROPOSED HAUL ROAD FROM AGNICO EAGLE MINES LIMITED (AGNICO EAGLE).
PERMAFROST MAP OF CANADA PRODUCED BY THE NATIONAL ATLAS INFORMATION SERVICE, CANADA CENTRE FOR MAPPING, GEOMATICS CANADA, AND THE TERRAIN SCIENCES DIVISION, GEOLOGICAL SURVEY OF CANADA, NATURAL RESOURCES CANADA. PRINTED 1995 (MCR 4177).
DATUM: NAD 83 CSRS PROJECTION: CANADA ATLAS LAMBERT

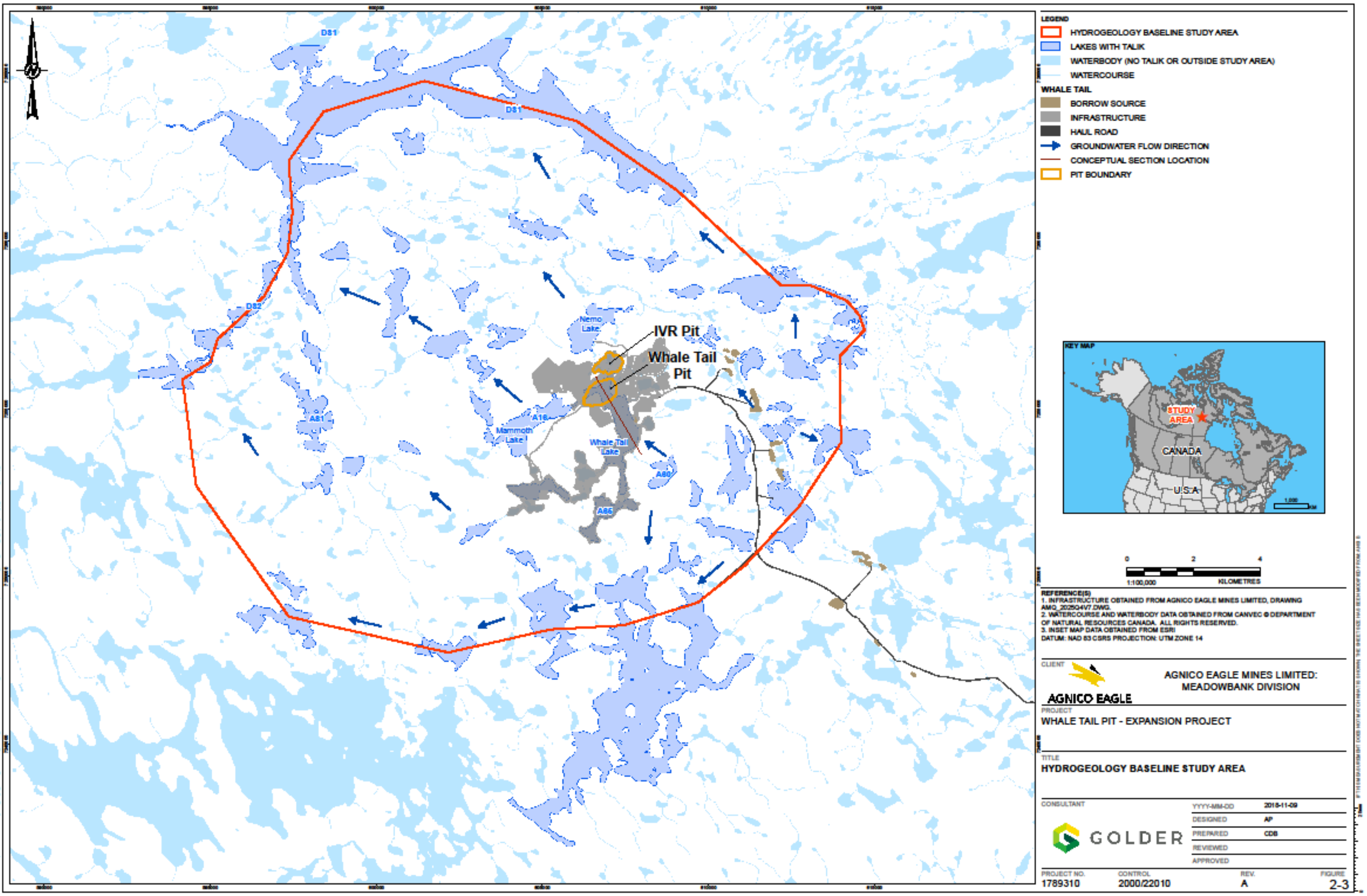
AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

TITLE

PERMAFROST MAP OF CANADA

PROJECT		1524321	FILE No.
DESIGN	DO	28 OCT. 2015	SCALE AS SHOWN REV. 0
GIS	CDB	11 MAY 2016	FIGURE 2.2
CHECK	SO	06 Jun. 2016	
REVIEW	LY	06 Jun. 2016	

Figure 2.3 Hydrogeology Baseline Study Area



REFERENCE(S)
1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED, DRAWING AMQ_2025Q4V7.DWG.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM CANVEC © DEPARTMENT OF NATURAL RESOURCES CANADA. ALL RIGHTS RESERVED.
3. INSET MAP DATA OBTAINED FROM ESRI
DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

2.1.3 Hydrology and Watershed

Hydrology characteristics were extracted from the surface water quantity impact assessment section (FEIS, Addendum Volume 6, Section 6.3; Volume 6, Appendix 6-C).

The mine site is located in the A watershed (i.e., where Lake A17 [Whale Tail Lake] and Lake A16 [Mammoth Lake] are located), and water management activities are planned in the A watershed and the C watershed (i.e., where Lake C38 [Nemo Lake] is located); these two watersheds drain into Lake DS1, which drains north to the Meadowbank River. These watersheds comprise an extensive network of lakes, ponds, and interconnecting streams, and have lake water surface fractions (i.e., the ratio of lake area to watershed area) of 16% (A watershed) and 23% (C watershed).

Shorelines in the mine site area exhibit a consistent terrain type related to shorelines that have developed in morainal material. These morainal shorelines were observed at all lakes visited during the 2015 field survey. Limited areas of bedrock and shallowly sloped sandy shorelines were also observed. As a general characteristic for the surveyed shorelines, the predominant materials are boulder gardens mixed with cobble with very limited soils or organic materials on top. The outlet channels are relatively short with a low sinuosity (i.e., close to 1.0) and exhibit the same characteristics for streambed materials, which results in interstitial flow through large boulders or below the surface likely close to the bedrock, making flow difficult to observe and measure.

Discharges of watercourses in the mine site area typically peak in late-May to mid-June from snowmelt, rapidly decline in July, and low discharges prevail until frozen conditions in October to November, with a secondary peak in September from rainfall events. Watercourses in the Project area are frozen over the winter.

Derived long-term mean annual water yield for selected lakes in the mine site area vary between 86 mm at Lake C38 (Nemo Lake) to 230 mm at Lake A69. These water yields are similar to regional water yields reported at the Meadowbank Mine.

2.1.4 Surface Water Quality

Water quality characteristics were extracted from the water quality baseline report (FEIS, Volume 6, Appendix 6-G, Agnico Eagle, 2016) and the water quality impact assessment section (FEIS, Volume 6, Section 6.4, Agnico Eagle, 2016). Baseline water quality sampling was conducted at lakes and tributaries in various watersheds in the study area during open-water conditions in 2014 and 2015.

Surface water collected from lakes during the open water season was characteristic of low productivity headwater lakes in the Arctic; soft water, with low alkalinity, low turbidity (and corresponding high Secchi depth) and low total suspended solids (TSS). There was minor thermal stratification evident at some deeper lake stations. The water columns of lakes are well oxygenated, and pH was neutral to slightly acidic. The majority of water chemistry parameter concentrations were below the analytical detection limit and below the Canadian Council of Ministers of the Environment water quality guidelines for the protection of aquatic life (CCME, 1999) and the Canadian drinking water guidelines (Health Canada, 2014).

Samples collected from the tributaries showed them to be well oxygenated, with low conductivity, and neutral to slightly alkaline pH. As with the lakes, most of the water chemistry parameter concentrations were below the aquatic life and drinking water quality guidelines.

2.1.5 Climate Change

Climate change information presented herein was extracted from the air quality impact assessment section (FEIS, Addendum Volume 4, Section 4.2).

The climate in the Arctic is changing faster than at mid-latitudes (IPCC, 2014). The most recent set of climate model projections (CMIP5) predict an Arctic-wide year 2100 multi-model mean temperature increase of +13°C in late fall and +5°C in late spring under the IPCC’s “business as usual scenario” (RCP8.5). IPCC climate change mitigation scenario RCP4.5 results in a year 2100 multi-model Arctic wide prediction of +7°C in late fall and +3°C in late spring (Overland et al., 2013). The effects of changes of this magnitude to terrestrial, aquatic and marine ecosystems, and social and economic systems of the Arctic are an active area of research. However, the short duration of the proposed Project means that climate change related effects to the Project are likely negligible.

2.1.6 Seismic Zone

The mine site is in an area of relatively low seismic risk. The peak ground acceleration (PGA) for the area was estimated using the seismic hazard calculator from the 2010 National Building Code of Canada website (http://www.earthquakescanada.nrcan.gc.ca/hazard-alea/interpolat/index_2010-eng.php). The estimated PGA is 0.019 g for a 5% in 50-year probability of exceedance (0.001 per annum or 1 in 1,000-year return) and 0.036 g for a 2% in 50-year probability of exceedance (0.000404 per annum or 1 in 2,475-year return) for the area.

2.2 Mine Operations Description

2.2.1 Mine Development Plan

Whale Tail Open Pit, IVR Open Pit, and Underground mining will be mined using the traditional open pit method and long hole mining (95%) with some mechanized cut and fill in flat areas. The mining is planned from 2019 to 2025, while milling will continue through 2026.

Two mine waste streams will be produced at Whale Tail Pit: waste rock and overburden. Ore will be stockpiled in a series of stockpiles located adjacent to the pits. As ore is transported to the Meadowbank Mine for processing, a third mine waste stream, tailings, will be produced at Meadowbank Mine (refer to the Whale Tail Mine – Waste Rock Management Plan, Agnico Eagle, 2023a). The operation, management, and monitoring of the Meadowbank TSF is regulated under the Agnico Eagle Type A Water Licence 2AM-MEA1530.

The mine development includes the following infrastructure:

- industrial area (camp, power plant, heli-pad, landfarm and garage)
- crusher
- ore stockpiles
- rock and overburden storage facilities
- landfill
- haul and access roads
- underground mine
- two open pits

In addition, the mine development will include construction of water management facilities, listed in Section 3.1.2.

2.2.2 Summary of Mine Waste Management

This section is a summary of the mine waste management plan. More detailed information on mine waste management is presented in the Whale Tail Mine – Waste Rock Management Plan, Agnico Eagle, 2023a. Water management associated with mine waste management is described in Section 3 of this document. Two areas of the site were identified as the Whale Tail WRSF and the IVR WRSF to store waste rock and overburden material, as shown in Appendix A. Table 2.3 presents a summary of the proposed usage or destination for the waste material. Some material will also be stored in the IVR pit pushback.

Table 2.3 Summary of Mine Waste Destination

Mine Waste Stream	Waste Destination
Overburden	• Temporary storage West of Whale Tail Lake • Co-disposed with waste rock in Whale Tail WRSF
Waste Rock	• Construction material • Whale Tail WRSF and IVR WRSF • Underground backfill material • IVR Pit Pushback backfill material • Closure and site reclamation, fish habitat compensation
Tailings	• As slurry tailings placed in the approved Meadowbank Mine tailings storage facility

WRSF = Waste Rock Storage Facility

SECTION 3 • WATER MANAGEMENT AND WATER BALANCE

3.1 Water Management Objectives and Targets

The main objectives pertaining to water management for the Project are to limit and/or stop the flow of surface water runoff in the pit and to limit the impact on the local environment. The key objectives for water management are:

- Keep the different water types (i.e., contact, non-contact, and freshwater) separated to the extent practical
- Control and minimize contact water through diversion and containment
- Minimize freshwater usage by recycling and reusing the contact water to the extent practical
- Meet discharge criteria before any site contact water is released to the downstream environment
- No events of non-compliance with regards to:
  - Regulatory/Water License water quality criteria (effluent loading limits)
  - Regulatory/Water License freshwater withdrawal criteria

The water management targets are summarized in Table 3.1. These targets are aligned with the water objectives of the Whale Tail Project and go beyond the License limit. These targets strive to minimize risk, conserve freshwater, and minimize water usage. The 2023 targets assume continued improvements in the amount of contact water withdrawn from the Pit. Higher production rates in 2023 will require slightly more fresh water withdrawn from Nemo Lake, more contact water withdrawn from Underground as the works expand, and more water discharged from site.

Table 3.1 2023 Targeted Water Hourly Consumption Per Month – for Mill and Camp Usage

WATER OBJECTIVE	TARGET 2021	TARGET 2022	TARGET 2023
Fresh Water Withdrawn from Nemo Lake (Mining and Camp)	85,284 m^3	75,000 m^3	80,000 m^3
Contact Water Withdrawn from Pit (pit inflow)	761,820 m^3	910,827 m^3	915,000 m^3
Contact Water Withdrawn from Underground (inflow)	0	3,000 m^3	16,000 m^3
Water discharge from site (WTS / Mammoth Lake)	2,244,538 m^3	2,488,068 m^3	2,500,000 m^3
Water in recirculation (water recycled / total water use)	0%	0%	0%

3.2 Water Management Strategy

To achieve the above water management objectives and targets, the following key strategies were implemented to develop the Water Management Plan:

- Two levels of catchment disturbance have been defined for the area, namely undisturbed and disturbed. Areas that have been disturbed as part of the mine development are considered disturbed catchments, while the areas left unaffected are considered undisturbed catchments.
- For the purpose of mine water management, runoff from undisturbed areas is considered non-contact water, while runoff from disturbed catchment areas is considered contact water. Surface water that is diverted around the mine facilities, or groundwater that does not emerge into a mine facility, is considered non-contact water. Any non-contact water that mixes with contact water becomes contact water.
- Conveyance and storage of contact water will be controlled by channels and containment structures (i.e., sumps and ponds). Sumps will be installed in the open pits and in low points surrounding the open pits. Contact water will be diverted and collected in various sumps and water collection ponds and conveyed to an Attenuation Pond. Two attenuation ponds are planned for surface water and include the Whale Tail Pit Attenuation Pond and the IVR Attenuation Pond.
- The IVR Attenuation Pond will contribute to reducing the operational water head in the Whale Tail Attenuation Pond.
- The collected water will be treated if the water quality does not meet the discharge criteria established in the Water Licence 2AM-WTP1830.
- The treated water will be reused as much as possible for mining and site operations to minimize the freshwater requirements. The excess treated water will be discharged into Lake A16 (Mammoth Lake) through a submerged diffuser or through a diffuser in Whale Tail Lake (South Basin) or other alternatives.
- Non-contact water will be intercepted and directed away from disturbed areas by means of natural catchment boundaries and/or man-made diversion structures or pumping systems and will be allowed to flow or to be discharged to the neighbouring waterbodies.

Underground (UG) development groundwater and contact water will be pumped to distinct surface infrastructure for water management. The underground water management infrastructure was defined based on the following underground water management guideline principles:

- It is not currently planned to mine below the permafrost. It is an opportunity that will be further studied
- Heating is required when mining below top of cryopeg
- Brine needed until cryopeg elevation is reached
- Contact and non-contact UG water not segregated – segregation is an opportunity
- Grouting is a mitigation measure during development (not included in hydrogeological model)
- UG storage stope (used to recycle UG water) – will delay treatment, needed early
- Recirculation of brine during mining operations

- Limit addition of freshwater (used only for CRF [cemented rockfill], promote use of natural groundwater for operation)
- Treatment of underground groundwater is not required if mining stays in the permafrost

The key strategies detailed below are implemented to support underground water management:

- A Groundwater Storage Pond system (GSP) to store captured TDS (salt) affected waters. Up to three GSPs are planned to provide operational flexibility and adaptive management opportunity
- Excess water volumes in the underground mine will be managed through the Underground Mine Stope and GSP-1 or GSP-2.
- Excess water volumes may also be managed with GSP-3 (planned for contingency, operational flexibility, and adaptive management opportunity) or managed as temporary storage in IVR Pit.
- There is opportunity for water stored in the GSP to be reused for dust suppression on surface roads or to be re-circulated underground (i.e., for drilling or mixing in the cemented rockfill)
- The Project has been planned with contingency water management storage to manage contact water during upset conditions. For example, GSP-3 could be used for temporary storage when not used for saline water management. This storage has sufficient capacity to manage the potential water quantity exceedances occurring during the freshet and can be used to hold excess contact water temporarily until it can be treated by the water treatment plant during the remaining open water season (July to September), as presented in Appendix C. During this time, at maximum capacity, the excess water can be treated and discharged within two weeks.
- At the end of underground mining, any remaining water in GSP ponds and IVR Pit will be pumped underground for flooding of the underground workings.

3.3 Water Balance

As per the Type A Water Licence 2AM-WTP1830, Part E, Item 5, a Project water balance will be updated and presented on an annual basis, integrated into the water management plan update. The developed water balance will assist in evaluating future water management infrastructure, including under closure conditions (as per the Whale Tail Interim Closure and Reclamation Plan).

The water balance was computed on a monthly time step based on mean annual climate conditions (Section 2.1.1). The water management flow sheets and the water balance results are presented in Appendix B of this plan.

3.4 Waterbody Inventory

The A and C watersheds will be impacted by mining activities, primarily by dewatering of Whale Tail Lake (North Basin) to Lake A16 (Mammoth Lake), the Northeast Diversion to the C watershed, and the

Whale Tail Lake (South Basin) Diversion to Lake A16 (Mammoth Lake). Waterbodies directly impacted by mining activities are presented in Table 3.2 and shown in Appendix A. Discharge of treated effluent began in the second dewatering phase of the project in June 2019 and will continue throughout mine operations and into closure if required, based on water quality monitoring and results.

Table 3.2 Inventory of Waterbodies Directly Impacted by Mining Activities

Watershed	Primary Disturbance	Waterbody	Note
A	Dewatering	Lake A17	Dewatering of Lake A17 (Whale Tail Lake) to Whale Tail Lake (South Basin)
	IVR Pit	Lake A46	Part of the IVR Pit footprint
		Lake A47	Part of the IVR Pit footprint
		Lake A49	Part of the IVR Pit footprint
		Pond AP-67	Part of the IVR Pit footprint
		Pond AP-68	Part of the IVR Pit footprint
	IVR WRSF Placement	Lake A50	Covered by IVR WRSF
		Lake A51	Covered by IVR WRSF
		Lake A52	Covered by IVR WRSF
		Pond A-P21	Covered by IVR WRSF
	Whale Tail Lake (South Basin) Diversion	Lake A18	Flooded
		Lake A19	Flooded
		Lake A20	Flooded
		Lake A21	Flooded
		Lake A22	Flooded
		Lake A45	Part of diversion channel
		Lake A55	Flooded
		Lake A62	Flooded
		Lake A63	Flooded
		Lake A65	Flooded
		Pond A-P1	Flooded
		Pond A-P53	Flooded
	Various Water Management Activities	Lake A17 (Whale Tail Lake)	Whale Tail Lake (North Basin) used as the Whale Tail Attenuation Pond Whale Tail Lake (South Basin) receives dewatering flows during dewatering activities, and discharge of treated effluent
		Lake A16 (Mammoth Lake)	Receives discharge of treated effluent
		Lake A53	Used as the IVR Attenuation Pond
		Lake A50	Covered by a Groundwater Storage Pond
C	Water Intake	Lake A16 (Mammoth Lake)	Sourced during operations for emulsion plant, if needed
		Lake C38 (Nemo Lake)	Sourced during operations, including emulsion plant
		Lake A17 (Whale Tail Lake)	Whale Tail Lake (South Basin) sourced during closure

3.5 Water Management System

The water management system includes the following components (identified in Appendix A):

- Water collection ponds (Whale Tail Attenuation, IVR Attenuation, Whale Tail WRSF, plus the GSP Ponds and IVR Pit for temporary storage of groundwater)
- Staging sump for Pit contact water management
- Sump for WRSF contact water management
- Discharge diffusers located in Mammoth Lake and Whale Tail South
- Two water diversion channels (South Whale Tail Channel and IVR diversion channel)
- Four water retention dikes (Whale Tail, Mammoth, Whale Tail WRSF, and the IVR dikes)
- Culverts
- Freshwater intake causeway and pump system
- WTP and associated intake causeway
- Sewage Treatment Plant (STP)
- Pipelines and associated pump systems
- Potable WTP
- Pumping system from Whale Tail South to Mammoth Lake
- Whale Tail Dike seepage collection system.

Additional water management system components can be put in place if required to adapt effectively to the site conditions, to manage non-contact water adequately, and to meet the water management objectives and target.

During the mine construction, operational, and closure phases, a network of collection and interceptor channels and sumps will be constructed and maintained to facilitate mine site water management. A list of the water management control structures and facilities is presented in Table 3.3 together with the construction schedule. These structures were designed according to design criteria presented in the Appendix K: Project Design Considerations of the Water Licence 2AM-WTP1826 amendment, submitted to the NWB in May 2019. Final design details of these structures will be provided to the regulators for approval at least 60 days prior to construction.

Water management strategy updates were also communicated in August and September 2019 to the Nunavut Water Board regarding changes to the management of non-contact water for specific areas of the project. Those changes are reflected in Table 3.3.

Appendix A shows the location of the main structures at the different development stages of the mine life.

Table 3.3 Water Management Facilities

Mine Year	Water Management Facilities Constructed or Installed
Year -1 (2018) Construction	• Turbidity Curtains installation for dike construction • Start Whale Tail Dike • Construction of the low-permeability access road built of overburden and collection sump for Stage 1 WRSF • Freshwater intake causeway in Nemo Lake • Water Treatment Plant and Construction Water Treatment Plant • Pipelines and associated pump systems for water management and dewatering • Sewage Treatment Plant • Potable Water Treatment Plant • Discharge diffuser in Mammoth Lake • Culverts 184, 186, and Mammoth Channel
Year 1 to 2 (2019-2020) Operations – Phase 1	• Completion of Whale Tail Dike • Construction of Mammoth Dike • Construction of the Whale Tail WRSF Dike • Construction of the Northeast Dike • Construction of the South Whale Tail Diversion Channel • Construction of the dewatering system (ramp, pipe, diffuser) for the Whale Tail North Basin to the Whale Tail South Basin, the dewatering system from North Basin to Mammoth Lake (and Water Treatment Plant). • Construction of the Whale Tail contact water intake causeway and construction of the WT attenuation pond infrastructure (diffuser, pipeline) • Installation of pumping system from the North-East Pond to C Watershed • Installation of pumping system from Whale Tail South to Mammoth Lake • Construction of the Whale Tail Dike seepage collection system • Installation of pumping system from A53 Lake to Whale Tail South • Installation of pumping system from Lake A49 to North-East Sector to maintain the water level • Installation of pumping system for contact water from the open pit to the Whale Tail Attenuation Pond (to Quarry 1 until freshet 2020) • Installation of pumping system for contact water from the Whale Tail WRSF Pond to the Whale Tail Attenuation Pond (to Quarry 1 until freshet 2020) • Underground WRSF saline ditch system
Year 2 to 7 (2020-2025) Operations – Expansion Project	• Construction of the dewatering system (ramps, pipes) for Lake A46, A47, A49, A50, A51, A52, A53, AP-21. Used to dewater the footprint of IVR Pit, IVR WRSF, and IVR Attenuation Pond • Dismantling of North-East Dike for IVR Pit mining activity • Construction of the contact water intake causeway and construction of the IVR attenuation pond infrastructure (diffuser, pipeline) • Installation of the IVR Attenuation Pond Pump Station • Installation of pumping system for contact water from the open pit to the IVR Attenuation Pond • IVR WRSF Contact Water Collection System; Ore stockpile 3 Contact Water Collection System • IVR Diversion • IVR D-1 Dike • Underground Water Management System • Groundwater Storage Ponds

WRSF = Waste Rock Storage Facility.

3.5.1 Infrastructure Summary

The following sections briefly describe the various dikes and channels constructed for the Project. Information regarding the operation, surveillance, and maintenance of these structures is contained in the OMS Manual – Whale Tail Water Management Infrastructures (Agnico Eagle, 2022a). Additional information regarding construction of these infrastructures including design drawings and figures, can be found in the as-built reports submitted for each structure.

Agnico Eagle will continue to identify and assess the water infrastructure performance issues to ensure efficient water management. A lesson learned exercise on the 2019 freshet was performed in 2020 and was used to improve water management practices and plans for 2020 and beyond. In 2022 a lesson learned exercise on the winter water management was performed to improve winter water management practices for future winters.

Whale Tail Dike

Whale Tail Dike (WTD) isolates the Whale Tail Pit and Whale Tail Attenuation Pond from Whale Tail Lake South. The WTD construction raised the Whale Tail Lake (South Basin), Lake A18, Lake A19, Lake A20, Lake A21, Lake A22, Lake A55, Lake A62, Lake A63, Lake A65, Pond A-P1, and Pond A-P53, to an elevation of 156.0 metres above sea level (masl). The South Whale Tail Channel is a diversion structure associated with this dike and diverts runoff downstream to the Lake A16 (Mammoth Lake).

WTD is approximately 835 m in length and was constructed within Whale Tail Lake on a shallow plateau of the lake floor. It consists of a wide rockfill shell, with downstream filters and a cement-bentonite cutoff wall built with secant piles that extend into the bedrock. The cutoff wall extends up to 12 m below lake level and is socketed an average 1.37 m in the bedrock. The dike has a 5 m grout blanket on the upstream side and a 10 m grout curtain on the downstream side from 0+180 to 0+516. The top of the secant piles are at El. 157 which is 1 m higher than the design IDF water level. A rockfill thermal cover 2.0 m thick was placed between the secant pile top elevation and the final crest elevation of the dike at 159 masl.

Whale Tail Dike was constructed in the fall of 2018 and its initial grout curtain was installed in the first quarter of 2019. During dewatering in 2019 it was observed that a high amount of seepage was coming from the structure. The amount was judged unsustainable to be managed by pumping (approximately 300 m^3/h). A detailed investigation including additional instrumentation and geophysics was conducted for a better understanding of the seepage phenomenon at the Whale Tail Dike. In 2020, a pumping system was installed to collect and manage the seepage water prior to reaching the Whale Tail Attenuation Pond with the objective of returning water to the environment if water quality allows.

As a result, a remedial grouting campaign was performed between November 2019 and March 2020. The campaign was successful and met the objective of decreasing the seepage so it could be manageable by pumping. Following the dike grouting campaign, the seepage flow, measured using a v-notch weir, has significantly decreased to approximately 80 m^3/h and it was concluded that the seepage reduction objective of the grouting campaign was successfully reached. Agnico Eagle continues to closely monitor the situation.

South Whale Tail Diversion Channel

The South Whale Tail Diversion Channel (SWTDC) is a blasted channel in the south-western part of the Whale Tail Lake watershed. It allows non-contact water to be discharged by gravity from Whale Tail Lake to Mammoth Lake.

The construction of SWTDC occurred from January to April 2020 and it was commissioned during the 2020 freshet.

The inlet of the SWTDC is at El. 155.3 m. The channel has a trapezoidal shape with lateral slopes of 3H:1V, a base width of 5.0 m, and a bed-slope of 0.3%. The SWTDC was constructed using a protective riprap layer consisting of rockfill on the bottom and the sides of the channel to avoid erosion and limit TSS in the water. The riprap has a thickness of 0.5 m and consists of blasted rock with a diameter of 100 – 300 mm. Two transition materials consisting of fine and coarse filter with a 0.3 m thickness each were installed between the overburden and the riprap for particle retention between the foundation soil and the riprap. A layer of geotextile was placed between the coarse filter and the riprap to avoid migration of fine particles from the filters that could increase turbidity. The part of the access road crossing Lake A45 was modified to add a filtering element to prevent the A45 lakebed sediment to flow in the channel and create turbidity while ensuring that water from Lake A45 could reach the channel.

Mammoth Dike

Mammoth Dike is a water retaining infrastructure built to isolate the Whale Tail Pit from Mammoth Lake. Mammoth Lake receives water from Whale Tail Lake through the SWTDC and treated water from site discharge through the Mammoth Lake diffuser. Water flows out of Mammoth Lake through its natural outlet.

The construction of Mammoth Dike occurred from February 2019 to March 2019 to maintain the frozen condition of the foundation. Mammoth Dike has a length of about 330 m and a height of 2 m. This structure is a zoned rockfill dike with a filter system. The low permeability element of the dike consists of a bituminous geomembrane (BGM) installed on the upstream face anchored in a key trench with fine filter amended with bentonite (FFAB). The key trench is approximately 3 m deep and is founded on bedrock. Blasting was required during the construction of this infrastructure.

Whale Tail WRSF Dike

WRSF Dike is a water retention infrastructure designed to prevent contact water from the Whale Tail waste rock storage facility (WRSF) accumulating in the WRSF pond from reporting to Mammoth Lake. The water collected in the WRSF pond located upstream of the dike is pumped to the Attenuation Pond and treated prior to being discharged. An area of approximately 109 ha drains towards the WRSF pond. The WRSF Dike is located south of the Whale Tail WRSF.

The WRSF Dike is about 360 m long and 5 m high. This structure is a zoned rockfill dike with a filter system. Foundation excavation in the key trench area was done in the fall of 2018 to avoid blasting and aggrade frost penetration. The construction of WRSF Dike mainly occurred from January to February 2019 to maintain the frozen condition of the foundation. The low permeability element of the dike consists of a bituminous geomembrane (BGM) installed on the upstream face anchored in a key trench with fine filter amended with bentonite (FFAB). The key trench is approximately 3 m deep and founded on frozen glacial till or bedrock.

On August 2019, the key trench of the structure thawed inducing tension cracks on the crest of the structure and seepage from WRSF Pond reported through the structure to Mammoth Lake. Immediate actions taken were to build an access road to the downstream portion of the dike, in order to excavate a small sump and pump the seepage water back into the WRSF Pond. Furthermore, WRSF Pond was emptied and maintained dry. Downstream pumping stopped on September 30th, when the reporting flow and surrounding area had frozen. In October 2019, the KIA conducted a sample analysis of the lakebed sediments in Mammoth Lake. The report concluded the seepage did not have a measurable impact on metal quantities of the Mammoth Lake sediments (McDougall et al. 2019).

A series of measures were implemented by Agnico to minimize the risk of future similar events occurring in this location:

- Operational water levels were reviewed to keep water as low as possible in the WRSF pond as recommended by the Meadowbank Dike Review Board (MDRB)
- Aggradation of permafrost into the dikes foundation by construction of a thermal berm in 2020 on the upstream portion of the dike
- Access road to the downstream area was constructed to facilitate inspection
- A downstream water collection system was designed and constructed

Additional details on this event can be found in the letter submitted on December 20, 2019, to Environment and Climate Change Canada. Agnico Eagle continues to closely monitor the situation. No seepage was observed since the 2019 event which confirmed the adequacy of the mitigation measures implemented to ensure adequate performance of the structure.

Northeast Dike (dismantled)

The North East (NE) Dike was a temporary structure designed to prevent runoff from the Northeast watershed reporting to the Whale Tail Pit and to divert them to Nemo Lake. The upstream slope of the NE Dike was lined with bituminous geomembrane encapsulated at the toe in a layer of FFAB liner in turn constructed in a key trench to an ice-poor till foundation.

Following the fish out and dewatering of surrounding lakes (A46 & A47) in 2020, this structure was dismantled as part of the IVR pit development.

IVR Dike D-1

IVR Dike D-1 is a contact water retaining infrastructure built to contain the IVR Attenuation Pond. It is located East of the Whale Tail Pit. The structure includes an emergency spillway to release the water to the Whale Tail Attenuation Pond.

The construction of IVR Dike D-1 was part of the expansion project. It started in Q1 2021 and was completed in Q2 2021. The structure was constructed as a zoned rockfill dike with a filter system. The low permeability element of the dike consists of a bituminous geomembrane (BGM) installed on the upstream face anchored in a key trench located below the centerline of the structure with fine filter amended with bentonite (FFAB). The key trench is excavated in frozen glacial till or bedrock. To improve the thermal condition of the key trench a rockfill and esker thermal berm was placed on the upstream side.

IVR Diversion Channel

The IVR Diversion Channel (IVR DC) is an excavated channel in the north-east part of the Whale Tail Project site. It allows non-contact water to flow from the North-East watershed to Nemo Lake. Its objective is to reduce the amount of contact water reporting to IVR Pit.

The construction of IVR DC was part of the expansion project. It occurred from September to October 2020 and the channel was commissioned during freshet 2021. The channel has a trapezoidal shape with lateral slopes of 2H:1V to 3H:1V, a base width of 3.0 m, and a bed-slope of 0.3%, in combination with a pervious rockfill perimeter berm that is delimiting the west boundary of the channel and also acts as an access road. The IVR DC was constructed with a layer of fine filter material placed on top of the excavated foundation followed by geotextile and overlain by riprap.

3.6 Dewatering

As per the Type A Water Licence 2AM-WTP1830, Agnico Eagle initiated the dewatering of Whale Tail Lake (North Basin) in 2019 following the construction of the Whale Tail and Mammoth dikes and the fish out.

The estimated total volume of Whale Tail Lake (Lake A17) is 8.5 million m^3 (Mm^3). The dewatering started early March 2019. A total of 2,148,542 m^3 of water was discharged directly to Whale Tail Lake South Basin without requiring treatment. The second phase of dewatering started in mid June 2019 discharging to Lake A16 (Mammoth Lake). For this phase of dewatering, water from the North Basin was treated via the TSS removal unit of the WTP and discharged in Mammoth Lake through the diffuser.

Once the dewatering phase was completed in Q2 2020, part of the North Basin located outside the Whale Tail Pit footprint became the Whale Tail Attenuation Pond. The Whale Tail Attenuation Pond is since used to receive contact water from different sumps and ponds around site.

Waterbodies and ponds within the footprint of the IVR Pit, IVR WRSF, and IVR Attenuation Pond required dewatering in 2020. To allow the mining of the IVR Pit, lakes A46, A47 and A49 were dewatered in 2020. Following fish out completion, lakes inside the IVR pit mining footprint were dewatered and transferred into the Whale Tail Attenuation Pond representing a total approximate volume of 215,000 m^3.

A similar process to the one mentioned above was also used to dewater the waterbodies inside the IVR WRSF footprint (AP-21, A50, A51 and A52). The water was discharged into lake A53 once its fish out was completed for a total approximate volume of 38,000 m^3.

Similar to the Whale Tail (North Basin) dewatering process, approximately 2/3 of the dewatered water from Lake A53 was pumped and directly discharged to Whale Tail Lake (South Basin). The remaining 1/3 of the water was processed through the WTP during open water conditions. The complete dewatering of A53 represents a total approximate volume of 213,000 m^3. Once Lake A53 dewatering and fishout was completed it became the IVR Attenuation Pond. The IVR Attenuation Pond is intended to receive site contact water from different sumps and ponds around site.

3.7 Water Management Activity During Construction and Operations

An inventory of waterbodies impacted by mining activities is provided in Table 3.2 (Section 3.4) and the water management facilities required for the Plan are provided in Table 3.3 (Section 3.5). These tables should be read in conjunction with Table 3.4, which presents the yearly major water management activities during the construction and operational phases. Water management activities during the closure phase are described in Section 3.10.

Any water requiring treatment will be pumped to the water treatment plant(s) prior to discharge through the diffuser in Mammoth Lake or through the diffuser in Whale Tail Lake (South Basin) or other alternatives. The latter are outlined in the Whale Tail Pit Expansion Project Adaptive Management Plan. The other alternatives for discharge are Lakes D1 and D5 in the case that Level 3 is reached (high risk situation in the receiver water quality). Discharging in Lakes D1 or D5 would require a complete assessment of potential discharge, with approval from the NWB as per NIRB Project Certificate Conditions.

Water collected in the Whale Tail Attenuation Pond and/or IVR Attenuation Pond will be reused to the extent practical in the open pit and dust control operations, and the excess water will be treated by the WTP prior to discharge to the receiving environment.

Non-contact water will be diverted away from the mine site infrastructure by reversing natural flows or by using diversion channels and culverts.

Freshwater usage on site will be supplied from Lake C38 (Nemo Lake) and Lake A16 (Mammoth Lake) during operations, and from Whale Tail Lake (South Basin) during closure.

In the amended Water Licence the permitted freshwater sources are Nemo Lake (all purpose), Mammoth Lake (explosive mixing and associated use), Lake D1 (Re-flooding of Whale Tail Pit, IVR Pit, Underground mine, and Whale Tail (North Basin) and associated use, or as otherwise approved by the Board in writing), and Whale Tail South (Re-flooding of Whale Tail Pit, IVR Pit, Underground mine, and Whale Tail (North Basin) and associated use, or as otherwise approved by the Board in writing).

Table 3.4 Water Management Activities During Construction and Operations

Mine Year	Water Management Activities and Sequence
Year -1 (2018)	• Temporarily pump contact water from the Stage 1 WRSF sump to Quarry 1 • Temporarily pump contact water from the starter pit, construction, ore stockpiles, industrial sector, and main camp sector to Quarry 1 • Treat turbid water from construction using the construction WTP and discharge in Whale Tail North • Pump STP effluent to Whale Tail Lake (North Basin) • Freshwater intake initially located in Whale Tail Lake (South Basin); moved to Lake C38 (Nemo Lake)
Year 1 (2019)	• Dewatering of Whale Tail Lake (North Basin) to Whale Tail South Basin and Mammoth Lake (through the WTP) • Pump contact water from the open pit to Quarry 1 • Pump contact water from the Whale Tail WRSF Pond to Quarry 1 • Treat through the WTP the Whale Tail North Water above discharge limit and discharge in Lake A16 (Mammoth Lake) • Pump contact water from Quarry 1 to Mammoth Lake (when water quality meets discharge criteria, treat as needed at WTP) (following authorization) • Pumping of non-contact water from: o North-East Pond to the C-watershed o North-East Pond to Whale Tail North o North-East Pond to AP5 (Licence B) o A53 Lake to Whale Tail North o Whale Tail South Basin to Mammoth Lake o AP5 to the C-watershed (Licence B) o Whale Tail North to Whale Tail South in the summer months o Whale Tail North to Mammoth o Whale Tail North to AP5 (Licence B) • Operation of the Whale Tail Dike seepage collection system by pumping seepage water to Whale Tail South Basin • Pump STP effluent to Whale Tail North
Year 2-3 (2020-2021)	• Completion of dewatering activity. WTN becomes an attenuation pond • Pump contact water from the open pit to the Whale Tail Attenuation Pond (to Quarry 1 until May 2020) • Pump contact water from the Whale Tail WRSF Pond to the Whale Tail or IVR Attenuation Pond (to Quarry 1 until freshet 2020) • Treat through the WTP the Whale Tail and IVR Attenuation Ponds contact water and discharge in Lake A16 (Mammoth Lake) or Whale Tail Lake (South Basin) • Pump contact water from Quarry 1 to Mammoth Lake (if water quality meets discharge criteria) until May 2020

Mine Year	Water Management Activities and Sequence
	• Whale Tail Lake (South Basin) flows to Lake A16 (Mammoth Lake) through the Whale Tail Lake (South Basin) Diversion Channel • Operation of the Whale Tail Dike seepage collection system by pumping seepage water to Whale Tail South when water quality meets discharge criteria • Pump STP effluent to the Whale Tail or IVR Attenuation Ponds • Maintain North-East Pond sector water level by pumping to Whale Tail North Basin (only for 2020) • Construct IVR Diversion and divert non-contact water from the Northeast Sector to Nemo Lake • Dewater waterbodies and ponds inside IVR pit footprint to Whale Tail Attenuation Pond • Dewater waterbodies and ponds inside IVR WRSF footprint to A53 • Dewater Lake A53 to Whale Tail Lake (South Basin) and remaining to Whale Tail Attenuation Pond • Pump GSP-1 contact water to Whale Tail or IVR Attenuation Ponds • Pump contact water from the IVR Pit to the IVR Attenuation Pond • Pump contact water from the IVR WRSF Contact Water Collection System to the IVR Attenuation Pond • Pump excess water from underground sump to GSP 1 when Underground Storage Stope is full • Pump contact water from the Whale Tail Pit to the IVR Attenuation Pond • Pump contact water from the Whale Tail Attenuation Pond to the IVR Attenuation Pond • Pumping of non-contact water from Whale Tail South Basin to Mammoth Lake • Capture runoff from Whale Tail WRSF and NPAG WRSF; pump to the IVR Attenuation Pond • Treat the IVR Attenuation Pond contact water through the WTP and discharge in Whale Tail Lake (South Basin) and/or Lake A16 (Mammoth Lake)
Year 4 to 7 (2022 to 2025)	• Pump contact water from the Whale Tail WRSF Pond to the Whale Tail and IVR Attenuation Ponds • Pump contact water from the Pits to the IVR Attenuation Pond or Whale Tail Attenuation Pond • Pump contact water from the IVR WRSF Contact Water Collection System to the IVR Attenuation Pond • Pump STP effluent to the Whale Tail Attenuation Pond or IVR Attenuation Pond • Pump GSP-1 contact water to Whale Tail or IVR Attenuation Ponds. • Capture runoff from Whale Tail WRSF and NPAG WRSF; pump to WRSF Pond, Whale Tail Attenuation Pond or to the IVR Attenuation Pond • Pump contact water from the WRSF Pond to Whale Tail Attenuation Pond or IVR Attenuation Pond • Pump contact water from the Whale Tail Attenuation Pond to the IVR Attenuation Pond • Pump contact water from the IVR Attenuation Pond to the Whale Tail Attenuation Pond • Treat through the WTP the Whale Tail and IVR Attenuation Ponds contact water and discharge in Lake A16 (Mammoth Lake) or Whale Tail Lake (South Basin) • Pump excess water from underground sump to GSP 1 when Underground Storage Stope is full • Store excess groundwater in IVR Pit temporarily • Construct GSP-2 and GSP-3 if required and if additional capacity for contact water storage is required at surface. • Whale Tail Lake (South Basin) flows to Lake A16 (Mammoth Lake) through the Whale Tail Lake (South Basin) Diversion Channel • Operation of the Whale Tail Dike seepage collection system by pumping seepage water to Whale Tail South when water quality meets discharge criteria • Divert non-contact water from the Northeast Sector to Nemo Lake using IVR Diversion • Pumping of non-contact water from Whale Tail South Basin to Mammoth Lake

WRSF = Waste Rock Storage Facility; WTP = Water Treatment Plant.

Table 3.5 presented below summarizes the overall contact water management plan for the major mine infrastructure with the initial water collection location and final water destination. Detailed water management information for major mine infrastructure areas is described in the following sub-sections. Water management of the non-contact water on site is also presented in Section 3.7.16. Water management flowsheets for the operations and closure phase are provided in Appendix B of this plan.

Table 3.5 Overall Site Surface Contact Water Management Plan

Contact Water Source	Initial Contact Water Collection Location	Final Contact Water Collection Location
Industrial Sector	Whale Tail Attenuation Pond	IVR Attenuation Pond (primary) Whale Tail Attenuation Pond (secondary)
Whale Tail and IVR WRSFs Sector	Whale Tail WRSF Ponds IVR WRSF collection system	
Ore Stockpiles	Whale Tail Attenuation Pond	
Landfill	Whale Tail WRSF Pond	
Open Pits (Whale Tail and IVR)	Open pit sumps	

WRSFs = Waste Rock Storage Facilities.

3.7.1 Erosion and Sediment Control Plan

As described in the previous sections, Project site infrastructure, channels, sumps, and associated water management activities are designed with consideration of site wide erosion and sediment control. In addition to design controls, best management practices (BMPs) will furthermore ensure that activities, practices, devices, or a combination thereof will prevent or reduce the release of sediments and will control erosion. The selection of permanent or temporary BMPs will be specific to the site and timing and may require regulatory approval prior to installation or construction.

Temporary BMPs for Whale Tail and IVR Pits may include:

- Silt fences and fabric installation
- Turbidity curtains
- Sediment control basins to detain sediment-laden water
- Diversion of flows away from the construction area

Permanent BMPs at the Whale Tail and IVR Pits may include:

- Infiltration basins and trenches
- Sedimentation basins or ponds
- Construction of swales in ditches

Monitoring of erosion and sedimentation associated with construction and operations are detailed in the Water Quality and Flow Monitoring Plan (Agnico Eagle, 2019b), and dike construction sediment control and monitoring is presented in the Dike Construction and Dewatering Management Plan (Agnico Eagle, 2020).

For specific details on sediment control guidelines and license requirements, on erosion monitoring and mitigation during freshet, and the rise of the water level in the South Basin of Whale Tail Lake, refer to the Whale Tail Project - Erosion Management Plan (Agnico Eagle, 2018a).

3.7.2 Whale Tail Attenuation Pond

The Whale Tail Attenuation Pond is located in a deep part of Whale Tail Lake (North Basin), following the dewatering of the North Basin.

Starting at freshet 2020, the Whale Tail Attenuation Pond is one of the main contact water ponds for the project. Contact water from the Whale Tail WRSF Pond and runoff water in the open pits collected by sumps can be pumped to the Whale Tail Attenuation Pond.

Excess water is transferred to the IVR Attenuation Pond or is treated by the WTP for TSS and arsenic if required prior to discharge to the receiving environment via the diffuser into Lake A16 (Mammoth Lake) or Whale Tail South.

Monitoring of the effluent discharge to Mammoth Lake or Whale Tail South is done as per the Water License requirement and MDMER regulation and is detailed in the Whale Tail Pit Water Quality and Flow Monitoring Plan (Agnico Eagle, 2019b).

3.7.3 IVR Attenuation Pond

The other main contact water pond of the Project (i.e., IVR Attenuation Pond) is located in the former Lake A53, following the A53 dewatering and IVR Dike construction. Contact water from the IVR WRSF collection system, the Whale Tail WRSF Pond, and runoff water in the open pits collected by sump can be pumped to the IVR Attenuation Pond.

Excess water will either be transferred to the Whale Tail Attenuation Pond or be treated by the WTP for TSS and arsenic if required prior to discharge to the receiving environment via the diffuser into Lake A16 (Mammoth Lake) or Whale Tail South.

3.7.4 Water Management in Whale Tail Waste Rock Storage Facility

The Whale Tail WRSF will be used to permanently store all waste rock and overburden from mining activities.

Seepage and runoff from the Whale Tail WRSF during the construction and operational phases is managed via the Whale Tail WRSF Pond, isolated by the Whale Tail WRSF Dike, where the contact water is pumped to the Whale Tail Attenuation Pond or to the IVR Attenuation Pond.

Runoff from the ultimate footprint of the Whale Tail WRSF will report to the Whale Tail WRSF Contact Water Collection System and the IVR Pit.

All overburden soils will be stabilized with waste rock berms to limit spreading and soil water separation. More details about management of the Whale Tail WRSF are presented in the Whale Tail Mine – Waste Rock Management Plan (Agnico Eagle, 2023a).

In April 2019, O'Kane Consultants developed a landform water balance model for the Whale Tail and IVR WRSFs (OKC, 2019). Information on the landform water balance model can be found in the report referenced in the waste management plan (OKC, 2019). The objective of the landform water balance was to estimate the runoff, interflow, and basal seepage rates for different slopes and aspects of the Whale Tail and IVR WRSFs.

3.7.5 Water Management in IVR Waste Rock Storage Facility

The IVR WRSF is in operation since the IVR Pit was initiated. Runoff from the IVR WRSF is sent to the IVR Attenuation Pond. The total catchment of the IVR WRSF increases proportionally with the increase in waste rock footprint.

3.7.6 Water Management for Overburden Storage

The overburden storage is located within the catchment of the Whale Tail Attenuation Pond as shown in Appendix A. Based on the topographic information, contact water will naturally flow to the Whale Tail Attenuation Pond for further treatment. Channels will be constructed if deemed required.

3.7.7 Water Management for Ore Stockpile Areas

The ore stockpiles are located within the catchment of the Whale Tail Attenuation Pond or the IVR Attenuation Pond as shown in Appendix A. Based on the topographic information, contact water will naturally flow to the Whale Tail or IVR Attenuation Ponds for further treatment. If deemed required channels will be constructed and water management systems (i.e., pump, piping, etc.) will be installed to direct runoff to the pond.

The Ore Stockpiles are designed based on the following considerations. A cover of overburden and/or waste rock was placed over original ground to reduce any thaw-induced differential settlements. Waste rock was then placed to follow the natural topography, thereby reducing the likelihood of water ponding on the surface of the pad requiring additional maintenance. Any surface run off from the ore stockpile or the pad will be directed to the Attenuation Pond containment area.

3.7.8 Water Management for Quarry 1

Until freshet 2020, Quarry 1 was used as the main contact water pond for the Whale Tail site. Prior to commissioning of the Whale Tail Attenuation Pond, contact water collected from the Stage 1 WRSF sump, from the starter pit, construction, and industrial sectors was pumped to Quarry 1. The contact water from Quarry 1 was pumped to Mammoth Lake without treatment when the water quality met discharge criteria. The discharge was done via the permanent diffuser in Mammoth Lake. If needed, water was treated via the Water Treatment Plant to meet discharge criteria.

As of 2021 Quarry 1 is part of Whale Tail Pit and is no longer available to be used as a storage area for water management.

3.7.9 Water Management for the Whale Tail Open Pit Sector

The Whale Tail open pit is planned to extend to approximately 300 m below the ground surface. The open pit will be mined mostly within permafrost except for the north-central portion of the pit which will be within the closed talik at the northern end of Lake A17 (Whale Tail Lake). The pit does not extend through the bottom of the closed talik; however, the open pit acts as a sink for groundwater flow during operations, with water induced to flow up through the open talik beneath the central portion of Lake A17 (Whale Tail Lake) and into the open pit. Accordingly, groundwater inflows into the open pit are expected; this water will be mixed with the open pit contact water and pumped to the IVR Attenuation Pond and/or the Whale Tail Attenuation Pond for further treatment.

The overall inflow to the pit is not expected to decrease significantly as the pit deepens because the flow of water is primarily through the permeable weathered bedrock and because the lower portion of the pit is in permafrost. It is important to note that most of the volume is expected to be due to seepage from Whale Tail South and the Whale Tail Attenuation Pond.

Groundwater inflow predictions during operations conservatively assume that no freeze back will occur in the pit walls during mining. This assumption was adopted for Whale Tail Pit to be conservative and because during the first few years of mining, the pit will be both widened and deepened, resulting in the continual exposure of unfrozen bedrock. During the later years of mining, however, the pit development will be entirely within the permafrost and significant freeze back in the pit walls is considered possible and has been observed at Meadowbank. Although not simulated, if freeze back does occur as is the case at Meadowbank, actual groundwater inflow to the pit could be significantly lower.

TDS concentration in the groundwater inflow to the pit was predicted to decrease during mining. The relatively low TDS concentration and decrease in TDS over time reflects the minimal upwelling of higher salinity waters at depth due to the presence of the permafrost at the base of the pit and the high contribution of lake water and Whale Tail Attenuation Pond water.

3.7.10 Water Management for the IVR Open Pit Sector

The IVR Pit is located north of Whale Tail Lake, within the Northeast Sector in the permafrost environment, thus no groundwater inflows are predicted. Water management infrastructures are designed to only manage runoff water reporting to the pit during freshet. The IVR Pit runoff is conveyed to the active attenuation pond (i.e., IVR Attenuation Pond).

3.7.11 Water Management for the IVR and WT Pit Pushbacks

During operations, the water is managed within the pits as detailed in Sections 3.7.9 and 3.7.10. No additional water management infrastructure is required for this activity. The IVR Pushback may be used as a staging sump prior to being backfilled.

3.7.12 Water Management for Haul Roads

A network of access and haul roads will connect the ore body to the Whale Tail and IVR WRSF Sector and the Industrial Sector. Most of the roadways servicing the mining area will drain directed towards the proposed contact water management infrastructures. Detailed information on roads is described in the Whale Tail Pit Haul Road Management Plan.

The approach to water management for these roads will involve the implementation of local best management practices during the construction, operational, and closure phases. The roads are constructed of non-potential for acid generating and non-leaching waste rock from mining operations. Other best management practices will strive to minimize the amount of runoff originating from the roadways and to prevent the migration of surfacing material from the roadways and crossings. Any areas identified as point sources of runoff originating from the roadways or crossings can be managed locally with silt fences, straw booms, turbidity curtains, interceptor channels, rock check dams, and/or small sedimentation ponds.

3.7.13 Water Management for Landfill

The landfill is located southeast of the Whale Tail WRSF, within the catchment of the Whale Tail WRSF Pond, as shown in Appendix A. Based on the topographical information, runoff and any seepage from the landfill will naturally flow to the Whale Tail WRSF Pond and then be pumped to the Whale Tail Attenuation Pond for further treatment before discharge.

Further information on the management of this facility is described in the Whale Tail Pit Landfill and Waste Management Plan.

3.7.14 Sludge and Brine Management from Water Treatment Plants

This section summarizes water treatment requirements and is extracted from the Mean Annual Water Balance and the Mine Site and Downstream Receiving Water Quality Predictions, from Golder Associates, both dated May 2019. Any water requiring treatment will be pumped to the water treatment plant(s) prior to discharge through the diffuser in Mammoth Lake or through a diffuser in Whale Tail Lake (South Basin) or other alternative discharges.

Sludge disposal will be done in the Whale Tail WRSF.

OPERATION WATER TREATMENT PLANT (WTP)

The arsenic and TSS water treatment plant (WTP) was commissioned at the beginning of May 2019, to treat the final dewatering volumes from Whale Tail Lake (North Basin). This plant is used to treat surface water for TSS and arsenic before discharging to an approved diffuser. The arsenic water treatment unit has not been required so far.

Sludge water from the Operation Water Treatment Plant (OWTP) is dewatered with a centrifuge to produce a cake having a density with 20% of solid content. This cake will be stored in the Whale Tail WRSF. The maximum predicted annual volume of cake from the OWTP is approximately 5,760 cubic metres (m^3).

TDS WATER TREATMENT PLANT (S-WTP)

The S-WTP is not needed according to the latest water balance as the current underground mining plan is designed to minimize the inflows requiring TDS treatment by staying in the permafrost. The S-WTP would include a TDS Treatment plant if required.

The concept for the TDS Treatment plant would be to treat low salinity water that is stored in the GSP-2 until closure. The TDS Treatment plant would be active only from June through September. The permeate would be combined with the WTP effluent for discharge from site. The brine produced from the TDS Treatment plant would be stored in GSP-1. The S-WTP could also include two Desalination units, which would treat water stored in GSP-1. The salt solid produced from treatment would either be used at site and/or shipped off site, and the permeate would be combined with WTP effluent for discharge from site.

Agnico Eagle is currently developing an Underground Project limited into the permafrost only. This change results in no more treatment and discharge of groundwater to Whale Tail Lake. The water management strategy for underground water would only be based on storing water in GSP-1 and GSP-2. High and low salinity water would not be segregated anymore.

3.7.15 Underground Water Management

Underground development groundwater and contact water will be managed in dedicated surface infrastructures for contact water. For underground water management, the following key strategies were implemented to develop the underground water Management Plan:

- A Groundwater Storage Pond system (GSP) is designed to capture TDS (salt) affected waters. Up to three GSPs are planned to provide operational flexibility and adaptive management opportunity.
- Excess water volumes in the underground mine will be managed through the Underground Mine Stope and GSP-1 and GSP-2.

- Excess water volumes may also be managed with GSP-3 (planned for contingency, operational flexibility, and adaptive management opportunity) or managed as temporary storage in IVR Pit.
- Water stored in GSP-1 and GSP-2 could be used as a source for dust suppression on surface roads, as input into the cemented rockfill, or used for drilling activity underground.
- At the end of underground mining, any remaining water in the GSP ponds and IVR Pit will be pumped underground for flooding of the underground workings.

3.7.16 Non-Contact Water Management

The non-contact water management systems are described below. These systems are required to meet the objective of avoiding mixing contact and non-contact water.

<u>Whale Tail Dike Seepage Discharge to Whale Tail South Basin</u>

The non-contact water seeping from Whale Tail Dike (WTD) is collected into the seepage collection system before reaching the Whale Tail Attenuation Pond and then discharged to Whale Tail South Basin. The seepage collection system consists of 4 pumping wells that surface seepage is diverted into and that are deep enough to potentially collect most below surface seepage as well. This system allows to minimize the volume of water reporting to Whale Tail Attenuation Pond. Details of the installation and the system will be compiled in the as-built report, which is in progress and will be completed once the system is fully commissioned.

Seepage water, collected from this system, can be discharged into the Whale Tail South Basin via a diffuser without treatment if the water quality meets the discharge criteria of the Water License 2AM-WTP1830. If discharge criteria are not met, water will overflow from the pump stations to the Whale Tail Attenuation Pond, and then will be pumped through the WTP for discharge.

Routine monitoring of the seepage water quality from each pump station will be as per the Water Licence 2AM-WTP1830 and the Metal and Diamond Mining Effluent Regulation (MDMER). This monitoring will allow Agnico Eagle to put mitigation measures (for example, treating the water via the WTP) in place if needed. Turbidity and pH will also be monitored.

Since 2020, following the Whale Tail Dike grouting campaign, the seepage pH results indicated an increase above the acceptable limit indicated in the Water License 2AM-WTP1830. The seepage collected from the system was therefore pumped to the Whale Tail Attenuation Pond. Agnico Eagle will continue to closely monitor the situation.

<u>IVR Diversion Channel</u>

The IVR Diversion channel is intended to collect non-contact runoff water from the east side of the Nemo watershed and divert it by gravity to Nemo Lake. This infrastructure is 260 m long and allows minimizing the volume of non-contact runoff water reporting to the IVR Pit area. The IVR Diversion Channel construction has been completed in 2020.

South Whale Tail Channel (SWTC)

Construction of the South Whale Tail Channel (SWTC) has been completed in 2020 prior to the freshet. The SWTC connects Whale Tail South basin to Mammoth Lake. The 900 m long channel is approximately 5m wide at the base with lateral slopes of 3H:1V. Once excavated, the channel was covered with multiple layers of coarse and fine materials, rip rap, and a layer of geotextiles to ensure minimal TSS in the flow reporting to Mammoth Lake and also preventing erosion. At the outlet of the channel, a turbidity barrier was installed and will remain in place as a supplementary protection to avoid TSS flowing into Mammoth Lake. The channel allows Agnico Eagle to naturally control the Whale Tail South water level without any mechanical transfer intervention. Details of the channel construction can be found in the as-built report (SNC, 2020).

3.7.16.1 Adaptive Management for Non-Contact Water

In order to adequately manage non-contact water on site, some passive flows have been in the past substituted with a pumping alternative that complies with the original intent of the approved water balance and Water License 2AM-WTP1830 (same origin and destination of water). Those systems were proposed as adaptive management methods, in response to the encountered site conditions during open water season and the high volume of precipitation received, resulting in additional volume of water to manage.

North-East Pond to C-watershed

The non-contact water from the North-East (NE) Pond watershed was initially planned to overflow by gravity toward Nemo Lake once the North-East Dike was operational. During a routine inspection in July 2019, it was observed that the topography toward Nemo Lake would not allow water to overflow naturally before overtopping the dike liner. Following this observation, water was pumped from NE Pond toward the project site as per approval from NWB, adding pressure on dewatering activity. The water from the NE Pond was then pumped to the tundra within the Nemo watershed (Watershed C). This system for water level management was operational in 2019 and 2020 prior to the dewatering of the IVR footprint and was used to manage the water level in the NE Pond when required, until NE Dike was dismantled in late 2020.

North-East Sector Pond Management

During the summer of 2019 and 2020, significant water inflows from Lake A49 towards the Whale Tail Pit area were noticed. Maintaining the water elevation in Lake A49 throughout freshet was required to avoid the transformation of non-contact water (Lake A49 overflow) to contact water (pit water). The objective of this water transfer was to minimize contact water creation. Water was sent into the North-East Pond. Lakes A47 and A49 were dewatered in 2020 as part of the IVR Pit development.

<u>A53 Lake to Whale Tail South</u>

The non-contact water from the A53 watershed was planned to be redirected to Whale Tail South through the East Channel.

Prior to the dewatering phase, the water level in Lake A53 was maintained to the natural level by pumping the exceeded volume to Whale Tail South as per previous approval from NWB. Regular water level monitoring was conducted at this time. The monitoring aligns with the Water License 2AM-WTP1830 requirements, Schedule I Table 2 for ST-WT-7 and as per Part F Item 7 for TSS limits.

Once the dewatering phase completed, as explained in Section 3.6 of this report, A53 became the IVR Attenuation Pond.

<u>Whale Tail South Discharge to Mammoth Lake</u>

The non-contact water from Whale Tail South Basin was pumped to Mammoth Lake in 2019 as per approval from NWB. This pumping activity was required to manage and then maintain the water level in Whale Tail South Basin, in order to allow for the construction of the Whale Tail South Channel (SWTC) and preserve the integrity of Whale Tail Dike. This system temporarily substituted passive flow via the SWTC with a pumping alternative that complies with the original intent of the approved water balance and Water License 2AM-WTP1830 (same origin and destination of water). This pumping activity also provided flexibility and added robustness to the water management strategy. Discharge was completed via a diffuser to avoid erosion into Mammoth Lake. Since 2020, no mechanical transfer from Whale Tail South to Mammoth Lake occurred but Agnico might re-use this system in the future to appropriately manage water on site.

3.8 Freshwater Management

The permitted freshwater sources as per the Water License 2AM-WTP1830 are Nemo Lake (all purpose), Mammoth Lake (explosive mixing and associated use), Lake D1 (Re-flooding of Whale Tail Pit, IVR Pit, Underground mine, and Whale Tail (North Basin) and associated use, or as otherwise approved by the Board in writing), and Whale Tail South (Re-flooding of Whale Tail Pit, IVR Pit, Underground mine, and Whale Tail (North Basin) and associated use, or as otherwise approved by the Board in writing).

Freshwater usage includes potable use, fire suppression, dust suppression, drilling water (if contact water is not available), water for the emulsion plant (trucked from the Nemo Lake pumping station), and water for the truck shop. The freshwater source is Lake C38 (Nemo Lake), and Lake A17 (Whale Tail Lake) during closure. For explosives mixing and associated use, the water could also be pumped from Lake A16 (Mammoth Lake), as per Part E, condition 1 of the Water License 2AM-WTP1830. Agnico Eagle will endeavour to minimize the amount of freshwater required for the Project, where possible. Table 3.6 summarizes the authorized water use for domestic and industrial purposes during construction and operation.

Table 3.6 Water Use Authorized for Domestic and Industrial Purposes During Construction and Operation

Source	Volume (m^3/year)	Purpose
Nemo Lake	209,544	Domestic camp use, drilling dust suppression, Construction, and Operations and associated use or as otherwise approved by Board in writing
Mammoth Lake	2,500	Explosive mixing and associated use
Whale Tail Lake (North Basin), Lakes A-P38, A-46, A47, A49, A50, A51, A52, A53, A-P21, A-P10, A-P67 and A-P68	153,735	Dewatering
Source Proximal to drilling sites	109,135	Drillings
Source proximal to the Whale Tail Haul Road	109,135	Dust Suppression
Annual Subtotal	**584,049**	Above-described sources
Annual Contingency (20 %)	**116,810**	Above-described sources
Annual Total	**700,859**	

Freshwater is primarily sourced through a freshwater intake and pump system. The intake consists of vertical filtration wells fitted with vertical turbine pumps that supply water on demand. The intake is connected to the pump house with piping buried under a rockfill causeway. The intake pipe exits at the bottom of the causeway and is fitted with a stainless-steel screen, as per Part E, condition 4 of the Water License 2AM-WTP1830. The rockfill causeway acts as a secondary screen to prevent fish from becoming entrained.

The stainless-steel screens design for the water intake is consistent with the Fisheries and Oceans Canada (DFO) “Freshwater Intake End-Of-Pipe Fish Screen Guideline” (DFO 1995). As per the DFO policy intake screens will be cleaned every 2 years. The freshwater intake will be moved to Whale Tail Lake (South Basin) at closure.

Freshwater is pumped to an insulated main storage tank located at the Whale Tail Camp. The freshwater pipeline is made of a high-density polyethylene pipe and insulated and heat traced. The Whale Tail Camp has a Freshwater Treatment Plant (potable). In the Potable WTP, the freshwater first goes through sand filters and then is pumped through ultraviolet units, and finally treated with chlorine. The treated water is stored within a potable water tank. Potable water is monitored according to the Nunavut health regulations for total and residual chlorine and microbiological parameters. Treated potable water is piped to other facilities requiring potable water. Detailed plant operation specifications were provided in FEIS Volume 1, Section 1. 2.4.1.

Freshwater and potable water use is required during operations and additional freshwater will be required from Whale Tail Lake at closure. The current Type A Water Licence Part E Item 1 and 2 provides for a maximum quantity of water use not to be exceeded at 700,859 m^3 annually during construction and operation as well as 14,855,606 m^3 annually during closure. The freshwater usage from Nemo Lake needs to respect the license limit of 209,544 m^3 per year.

It is important to note that total annual withdrawals of water from Nemo Lake (209,554 m^3/year) will remain well below the lake's annual inflow volume of approximately 476,000 m^3 (based on the mean annual water balance of the lake under baseline conditions), and DFO's guideline of 10% of the under ice volume for the duration of operations (i.e., under-ice volume of 6,170,000 m^3 derived from FEIS Addendum Appendix 6-M submitted with the Whale Tail Pit - Expansion Project). Residual effects to fish and fish habitat are therefore expected to be negligible.

Following the end of operations, site contact water including contact water in the underground mine watershed (GSP ponds) will be pumped into the underground mine; the remaining voids will be filled with Whale Tail Lake (South Basin) water. The dewatered Whale Tail Pit and IVR Pit area will be filled with a combination of natural runoff and contact water from the entire site (i.e., the Whale Tail and IVR WRSF Contact Water Collection Systems and the Whale Tail and IVR Attenuation ponds), and water pumped from Whale Tail Lake (South Basin). Contact water in the underground mine watershed (GSP ponds) will not be used for this purpose because of their anticipated higher salinity. This water will be used only to flood underground workings. It is anticipated that approximately 75,000,000 m^3 over 18 years from Whale Tail Lake is required to fill the mined-out Whale Tail Pit (i.e., approximately 57,000,000 m^3), IVR Pit (i.e., approximately 11,000,000 m^3), underground mine (i.e., approximately 1,000,000 m^3) and Whale Tail Lake (North Basin) (i.e., approximately 6,000,000 m^3), including approximately 2,900,000 m^3/year from Whale Tail Lake (South Basin).

As per part E, condition 2 of the Water License 2AM-WTP1830, the use of water from Whale Tail Lake shall not exceed a total of 10,655,000 m^3/year commencing when notification of closure is received by the NWB through to the expiry of the Licence. The limit for Nemo Lake is 14,672 m^3/year and the limit for Lake D1 is 1,710,000 m^3/year, both commencing when notification of closure is received by the NWB through to the expiry of the Licence.

3.9 Sewage Water Management

Sewage is collected from the camp and change-room facilities and pumped to a sewage treatment plant (STP). The objective of the STP is to treat sewage to an acceptable level for discharge to the Whale Tail or IVR Attenuation Ponds via a sewage water discharge pipeline. The STP is housed in a prefabricated (modular) structure located in the Whale Tail Camp. The sewage treatment system is designed based on the occupation maximum of the camp for 400 persons (240L per day and per person). The design average daily flow is 96 m^3/day (4 cubic metres per hour [m^3/hour]).

Previously, the sewage treatment plant at the Amaruq camp could accommodate 400 workers. With the addition of four wings to the Operations Camp for the project expansion, the total camp capacity was increased to 546 workers. An expansion of the sewage treatment systems was thus required. These systems are built with typical 40-foot containers.

No major change in operation or water quality happened as a result of this expansion. The upgraded sewage treatment system is designed based on a flow rate of 240 L per day per room for 546 people, for an average daily flow rate of 131 m^3/day (5.42 cubic metres per hour [m^3/hour]).

The sewage treatment plant receives two streams of sewage. The first source is domestic sewage, which is fed directly to the fine screening process to remove any fibers or debris that might damage the membranes. The second source is kitchen sewage which is pre-treated in the oil and grease tanks to remove oil and grease prior to being fed into the fine screen.

The STP for the camp facilities is designed to meet appropriate guidelines for wastewater discharge (for example, NWT Water Board 1992). Wastewater System Effluent Regulations (WSER) criteria are not currently applicable to systems located in Nunavut and is unlikely to apply to the Project effluent quality.

Table 3.7 provides the anticipated performance of the system compared to the WSER criteria. Further information on the management of this facility is described in the Whale Tail Sewage Treatment Plant Operation and Maintenance Manual (Agnico Eagle, 2019a). As stipulated in Part B, Item 17, Agnico Eagle will review the Plans as required by changes in operation and/or technology and modify the Plans accordingly in the form of an addendum to be included in the Annual Report.

Table 3.7 Effluent Quality and Wastewater Characteristics

Parameter	Units	Regulatory Limit	Design Value
Wastewater			
• Biochemical Oxygen Demand	mg/L	-	952
• Total Suspended Solids	mg/L	-	300
• Total Kjeldahl Nitrogen	mg/L	-	130
• Ammonia Nitrogen	mg/L	-	130
• Fat, Oil, and Grease	mg/L	-	30
• pH	-	-	6 to 9.5
• Water Temperature	°C	-	10 to 25
• Alkalinity	mg/L as $CaCO_3$	-	471.1
• Prohibited Chemicals/Compounds	Not present		
• Grinder Pumps	Not present upstream of MBR		
Effluent			
• pH	-	6-9.5	6.5 to 8.5
• Carbonaceous Biochemical Oxygen Demand	mg/L	<25	<5
• Total Suspended Solids	mg/L	<25	<1
• Un-ionized Ammonia	mg/L	<1.25	<0.08
• $N0_3$-N	mg/L	<5	4
• TP	mg/L	<0.5	0.5
• Fat, Oil, and Grease	mg/L	<5	<1
• Fecal Coliform	CFU/100mL	<200	Non-Detect
• Total Residual Chlorine	mg/L	<0.02	0

1. Noted values are assumed blended between kitchen and dormitory wastewater after the grease trap.
2. A complete list of prohibited chemicals is included in the membrane maintenance manual.

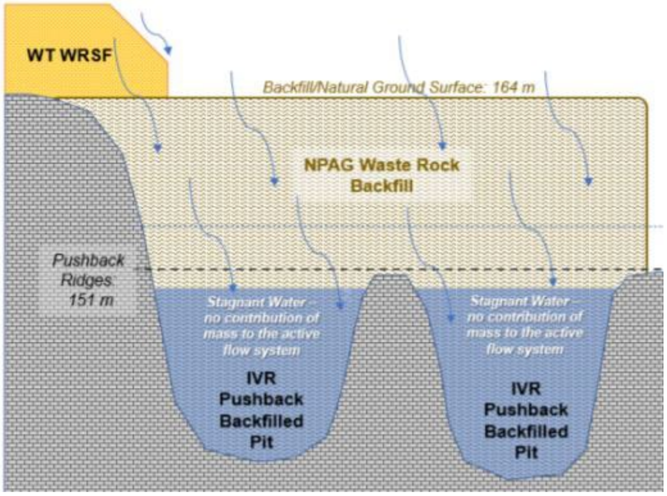
3.10 Water Management During Closure

Mine closure is integral to the mine design and will be modified during operations. Planning for permanent closure is an active and iterative process. The intent of the process is to develop a final closure plan including specific water management components using adaptive management. This begins during the mine design phase and continues through to closure implementation. Adaptive management enables the plan to evolve as new information becomes available through analysis, testing, monitoring, and progressive reclamation. The mine closure and reclamation activities are provided in the Whale Tail Pit Interim Closure and Reclamation Plan and will be detailed in the Final Closure and Reclamation Plan.

Water management during closure and reclamation will involve actively filling the underground facilities, Whale Tail Pit, and IVR Pit, and passively allowing the Whale Tail Attenuation Pond and the Whale Tail Pit to flood. The Groundwater Storage Ponds and IVR Attenuation Pond will be emptied at the start of closure and backfilled with NPAG/NML waste rock. The Whale Tail and IVR WRSFs will be progressively covered with NPAG/NML waste rock throughout operations and are expected to be completely covered at the beginning of closure.

The pushback in the IVR pit will be filled with NPAG-NML waste rock and be naturally refilled by water inflows as described above. Figure 3.4 shows the conceptual approach to water flow in the upper portion of the pit which would eventually flow into Whale Tail Pit.

Figure 3.4 Conceptual Representation of Water Flow in IVR Pushback During Closure



Water management during closure and reclamation will involve maintaining contact water management systems on site until monitoring results demonstrate that water quality is acceptable for discharge of all contact water to the environment without further treatment. Once pit lake water quality meets the discharge criteria, the water management systems will be decommissioned to allow the water to naturally flow to the receiving environment. In 2018, a Whale Tail WRSF seepage analysis and hydrodynamic modelling of Mammoth Lake were conducted to address NIRB project certificate Term and Condition no. 6a. The objectives were to assess Mammoth Lake near-field water quality at the WRSF seepage outlet post-closure and to evaluate seasonal water circulation patterns in Mammoth Lake resulting from effluent discharge. This analysis also aimed to predict and evaluate the water quality within Mammoth Lake during operations and post-closure (Golder, 2019c). Results show that no modification to the water management strategy is needed concerning closure activities and sequence.

Runoff from the Whale Tail WRSF and discharge from Whale Tail Lake (North Basin) (IVR runoff flows to Whale Tail Lake (North Basin)) will enter and mix in Mammoth Lake. Concentrations outside the mixing zone of the Whale Tail WRSF contact water plume are predicted to meet receiving water quality criteria. Results of the studies showed that baseline drainage patterns of the East Sector needs to be re-established to direct runoff towards the Whale Tail Attenuation Pond, including runoff over the backfilled IVR Attenuation Pond. Runoff from the IVR WRSF and the backfilled Groundwater Storage Ponds need to be passively directed to the Whale Tail Pit. The IVR Pit walls are composed primarily of south komatiite and basalt with some north greywacke rock. Based on these predictions, a control mechanism will be required for IVR Pit Walls including re-sloping and cover placement.

The dewatered Whale Tail Pit and IVR Pit area will be filled with a combination of natural runoff and contact water from the entire site (i.e., the Whale Tail and IVR WRSFs Contact Water Collection Systems and the Whale Tail and IVR Attenuation Ponds), and water pumped from Whale Tail Lake (South Basin). The runoff and seepage from the Whale Tail WRSF and IVR WRSF will continue to be collected in the designated collection ponds and pumped to Whale Tail Lake (North Basin) during active closure (re-filling). Water quality will be monitored during flooding and until results demonstrate that water quality conditions from the WRSFs are acceptable for direct discharge. Based on the cover thermal model results, the Whale Tail WRSF and IVR WRSF will be covered with a cover of 4.7 m thick to be constructed with NPAG/NML waste rock. The objective of the cover is the control of acid generating reactions and of migration of contaminants by freezing. Consistent with the Approved Project, the segregation of the PAG/NPAG and ML/NML waste rock will occur during the operation of the mine.

The key water management activities during mine closure are summarized in Table 3.8. Appendix B shows the water management flowsheets during mine closure phases.

Table 3.8 Key Water Management Activities During Mine Closure

Mine Year	Key Water Management Activities and Sequence
Year 8 (2026)	• Dewater the Groundwater Storage Ponds, IVR Pit, and the IVR Attenuation Pond to the underground mine • Backfill the Groundwater Storage Ponds and the IVR Attenuation Pond with NPAG/NML waste rock • Draw-down of the raised Whale Tail Lake (South Basin) to 153.5 masl, pumping to the underground until refilled and then to the IVR Pit. Lake A55, Lake A65, Lake A62, Lake A63, Lake A18, Pond A-P23, Lake A20, Lake A21, Lake A22, and Lake A45 return to baseline elevations. • Water from Whale Tail Lake (South Basin) ceases flow through Whale Tail Lake Diversion Channel and to Lake A16 (Mammoth Lake) • Decommission of IVR Diversion to re-establish baseline drainage patterns of the Northeast Sector catchment towards the IVR Pit • Pump WRSF Pond water to the IVR Pit • Pump Whale Tail Lake (South Basin) to the IVR Pit during summer months to maintain its elevation at 153.5 masl • Re-establish baseline drainage patterns of East Sector runoff towards the Whale Tail Attenuation Pond, including runoff over the backfilled IVR Attenuation Pond • The Whale Tail Attenuation Pond overflows (once full) into the Whale Tail Pit • Passively direct runoff from the IVR WRSF and the backfilled Groundwater Storage Ponds to the Whale Tail Pit • Start of site water quality monitoring of flooding open pit reservoirs
Year 9 to Year 23 (2026 to 2041)	• Refilling of the IVR Pit to 149.3 masl (i.e., the spill elevation of the IVR Pit onto the bed of Whale Tail Lake [North Basin]) expected in 2027 • The IVR Pit reaches the spill elevation to the Whale Tail Pit and begins overflowing to the Whale Tail Pit • A sill will be constructed at closure on the upstream of Mammoth Lake to increase the water level by 1 m to 153.5 m.
Year 24 (2042)	• The Whale Tail Pit reaches the spill elevation that connects it with the Whale Tail Attenuation Pond and both water bodies fill simultaneously • The Whale Tail Pit and the Whale Tail Attenuation Pond reach the spill elevation that connects the Whale Tail Pit with the IVR Pit, and all three reservoirs, including the pushbacks, fill simultaneously to 153.5 masl, forming Whale Tail Lake (North Basin) • Once Whale Tail Lake (North Basin) is flooded to 153.5 masl, pumping of the Whale Tail Lake (South Basin) to Whale Tail Lake (North Basin) during summer months will be ongoing to maintain the elevation of Whale Tail Lake (South Basin) to 153.5 masl until water quality allows to decommission the dikes and reconnect the North and South Basins of Whale Tail Lake • Once Whale Tail Lake (North Basin) is flooded to 153.5 masl, remove STP • Once Whale Tail Lake (North Basin) is flooded to 153.5 masl, decommission the Whale Tail WRSF Dike and re-establish natural drainage patterns of the Whale Tail WRSF Sector Lake A16 (Mammoth Lake) • Once Whale Tail Lake (North Basin) is flooded to 153.5 masl, create spillway in Mammoth Dike to re-establish baseline flow patterns to Lake A16 (Mammoth Lake) • Decommission the Whale Tail Dike, water quality permitting • Remove site infrastructure
Post-Closure (2045+) (triggered when water quality in all three waterbodies meets the appropriate water quality criteria)	• Monitoring

3.10.1 Flooding Sequence

The flooding sequence will be adapted to meet water quality closure objectives to allow for the reconnection of the lakes. The water balance and water quality forecast will be updated to optimize the flooding sequence.

Following completion of operations, site contact water including contact water in the underground mine watershed (GSP ponds) and temporarily stored in IVR Pit will be pumped into the underground mine; the remaining voids will be filled with Whale Tail Lake (South Basin) water. The dewatered Whale Tail Pit and IVR Pit area will be filled with a combination of natural runoff and contact water from the entire site (i.e., the Whale Tail and IVR WRSF Contact Water Collection Systems and the Whale Tail and IVR Attenuation ponds), and water pumped from Whale Tail Lake (South Basin).

Beginning in 2026, the water accumulated in Whale Tail Lake (South Basin) over the years of operations will be pumped into the underground mine until it is filled and into the IVR Pit thereafter. Active closure will be consistent with the Approved Project and current Type A Water Licence 2AM-WTP1830. Whale Tail Pit active closure will be followed by passive closure measures until the pits and underground have flooded, Whale Tail Lake and IVR Pit water levels are restored, and runoff from the WRSFs are shown to be suitable for uncontrolled release.

The Whale Tail Pit operations will be closed and reclaimed in a manner consistent with the Approved Project and as required under Project Certificate No. 008 and Type A Water Licence 2AM-WTP1830, following the Whale Tail Interim Closure and Reclamation Plan.

It is anticipated that approximately 75,000,000 m^3 over 17 years from Whale Tail Lake is required to fill the mined-out Whale Tail Pit (i.e., approximately 57,000,000 m^3), IVR Pit (i.e., approximately 11,000,000 m^3), underground mine (i.e., approximately 1,000,000 m^3) and Whale Tail Lake (North Basin) (i.e., approximately 6,000,000 m^3), including approximately 2,900,000 m^3/year from Whale Tail Lake (South Basin). Pumping will be required during non winter months to fill the Whale Tail Lake (North Basin) by 2042. By pumping an additional 161,000 m^3/year (approximately 55 m^3/h during the non-winter months), the Whale Tail Lake (North Basin) can be filled by September 2042.

Following the first pumping summer, the water elevation in Whale Tail Lake (South Basin) will be back to the baseline value (153.5 masl) and water will then be diverted to the Whale Tail North Basin for filling. The elevation of the Mammoth sill will be 153.5 masl. The Diversion Channel inlet is at the elevation 155.3 masl and the Whale Tail Dike is maintained in place. Refilling of the IVR Pit to 149.3 masl (i.e., the spill elevation of the IVR Pit onto Whale Tail Lake (North Basin) is expected in 2027. Refilling of Whale Tail Pit to 146.3 masl (i.e., the spill elevation of the Whale Tail Pit onto the bed of Whale Tail Lake (North Basin) is expected in 2041. Flooding of the IVR West Pushback is expected in 2042 (151.0 masl).

3.10.2 Contact Water Collection System

The contact water collection system will remain in place to collect surface runoff water and seepage from the mine site until the open pits are flooded. During this period, the Industrial Sector and the Whale Tail Camp will be reclaimed, and the non-essential site infrastructure will be removed. Thereafter, water in these sectors will no longer be collected and will contribute to the reestablishment of the natural elevation of Whale Tail Lake (North Basin). The Mammoth Dike and Whale Tail Dike will remain in place until pit lake water quality meets receiving environment water quality objectives. If this occurs after full flooding as is predicted at this time, the pit lake water elevation will be maintained at 153.5 masl by pumping from Whale Tail (South Basin) to the North Basin, and through controlled discharge from Whale Tail (North Basin) to Mammoth Lake over the Mammoth sill.

In the Whale Tail WRSF Sector, the contact water collection system will remain in place. Dikes will not be reconnected until the water quality in the flooded area meets Closure water quality objectives.

In closure, water from the Whale Tail WRSF contact water collection system is used to actively flood IVR Pit, and the IVR WRSF water is directed to Whale Tail Pit. In post-closure, water from the Whale Tail WRSF contact water collection system is allowed to flow passively to Mammoth Lake as baseline drainage patterns are re-established. Lower volumes and chemical loading of water originating from either of the WRSFs would improve water quality throughout closure in the Whale Tail and IVR Pits, and in Mammoth Lake in post-closure.

Dike decommissioning will involve the removal (breach) of a portion of the dikes to original ground levels whenever possible. Consideration will be given to breach staging, with the above water portions of the dike/berm in the breach area removed during winter periods, when there will be little surface water flow, thereby minimizing the potential release of sediments to the neighbouring waterbodies. The remainder of the breach would be completed during the open water season following freshet to allow for the deployment of turbidity curtains to control potential releases of sediment.

For water collection and management systems closure the infrastructure will be re-contoured and/or surface treated according to site-specific conditions to minimize wind-blown dust and erosion from surface runoff, if required. This closure activity is intended to enhance site area development for re-colonization by native plants and wildlife habitat.

3.10.3 Post-Closure Modeling Results Summary

Following refilling of Whale Tail Lake (North Basin) to 153.5 masl (i.e., to overtop the Mammoth Lake sill), and once the pit lake water quality is acceptable, the Whale Tail Dike, Mammoth Dike, and the Whale Tail WRSF Dike will be decommissioned. Whale Tail Lake (North Basin) and Whale Tail Lake (South Basin) form Whale Tail Lake with a water surface area of 2.34 km^2, or a 41% increase from baseline, which flows to Lake A16 (Mammoth Lake) over the Mammoth Lake Dike via spillway. Runoff from the Whale Tail WRSF contact water collection system area flows to Lake A16 (Mammoth Lake).

The reflooding strategy will be adapted during closure based on future water quality predictions validated with site monitoring data. The objective will be for pit lake water to meet quality objectives concurrently with completed reflooding such that lake reconnection can happen as soon as possible after.

Steady-state untreated WRSF contact water released is predicted to meet SSWQO for arsenic at the edge of the mixing zone in the long-term, under the anticipated cover performance scenario (from the 4.7 meters cover of low arsenic leaching waste rock).

The mixing zone in the Lake is predicted to range from 5 meters (under calm conditions in July when 6% of the seasonal seepage flow occurs), to 60 meters (under medium current conditions in June when 65% of the seasonal flow is predicted to occur at a more dilute arsenic concentration) from the entry point of this seepage into the Lake and along the plume centre line.

Other inflows to Mammoth Lake include natural runoff and overflow from Whale Tail Lake; both are predicted to meet SSWQO as described in FEIS Appendix 6H (Agnico Eagle, 2016).

Mammoth Lake is sensitive to cover material seepage quality, which is in turn sensitive to cover composition and WRSF pile contact water volume. Observational data at the Meadowbank WRSF suggests that pile contact water volumes are substantially lower than originally predicted (Portage is 20 to 40% lower, Vault WRSF contact water is minimal compared to 178,000m^3 predicted at maximum footprint year) using similar modelling assumptions. Recent modelling results of the WRSF landform reflect a significant reduction in the volume of seepage from the WRSF and conservative chemical load estimate to Mammoth Lake which will be verified with monitoring. As per Type A Water Licence 2AM-WTP1830 Part E, conditions 5 and 6, Agnico Eagle completes a site wide water balance and pit water quality model update for the Whale Tail Pit Site as part of the annual water management plan.

SECTION 4 • WATER QUALITY FORECAST

Water quality forecast reports are revisited on an annual basis until mine closure, as per the Water License part E item 6. The purposes of the water quality forecast are to identify the contaminants of concern (COC) during the pit flooding process and WRSF contact water mixing into Mammoth Lake post-closure and determine if water treatment will be required on site for closure activities when comparing the final contaminant levels to the water quality guidelines and/or site-specific criteria for parameters that are not included in the water quality guidelines.

A water quality model was completed for the 2023 Modification for the operations, closure, and post-closure phases. The water quality model is included in Appendix B of this plan.

The water quality model results show that all parameters are predicted to remain below their respective water quality guidelines, with the exception of Phosphorus in receiving lakes during Operations. Once effluent discharge ceases in Active Closure, Phosphorus concentrations are expected to decrease and remain below the water quality guidelines in the receiving environment and downstream lakes. All other parameters are expected to be below the respective guidelines throughout closure.

All forecasted concentrations are below the Water Licence criteria and water quality guidelines for the COCs during operation in WT and IVR Attenuation Ponds, except for Phosphorus. The water from these ponds are treated at the Water Treatment Plant (WTP) prior to discharge to Mammoth or WTS Lakes. At closure, all of the concentrations of COCs in Mammoth Lake are forecasted to decrease over time since there is no longer any discharge of treated water to the lake. At post-closure, many COCs are forecasted to increase in Mammoth Lake since WTN Basin shall be reconnected to Mammoth Lake once the WT and Mammoth Dikes are breached. However, all COCs are expected to remain below the water quality guidelines.

SECTION 5 • ADAPTIVE MANAGEMENT

Adaptive management will be achieved through performance monitoring and management actions that will be implemented, should they be triggered. Action level responses taken during the year will be documented in Agnico Eagle’s annual report submitted to the NWB. The Whale Tail Pit Expansion Project – Adaptive Management Plan (Agnico Eagle, 2021c) includes the specific adaptive management strategies related to water management. Three indicators relative to water management are tracked as part of the Adaptive Management Plan: water quality for Whale Tail Project waterbodies, water quantity for surface water management, and water quantity for underground water management.

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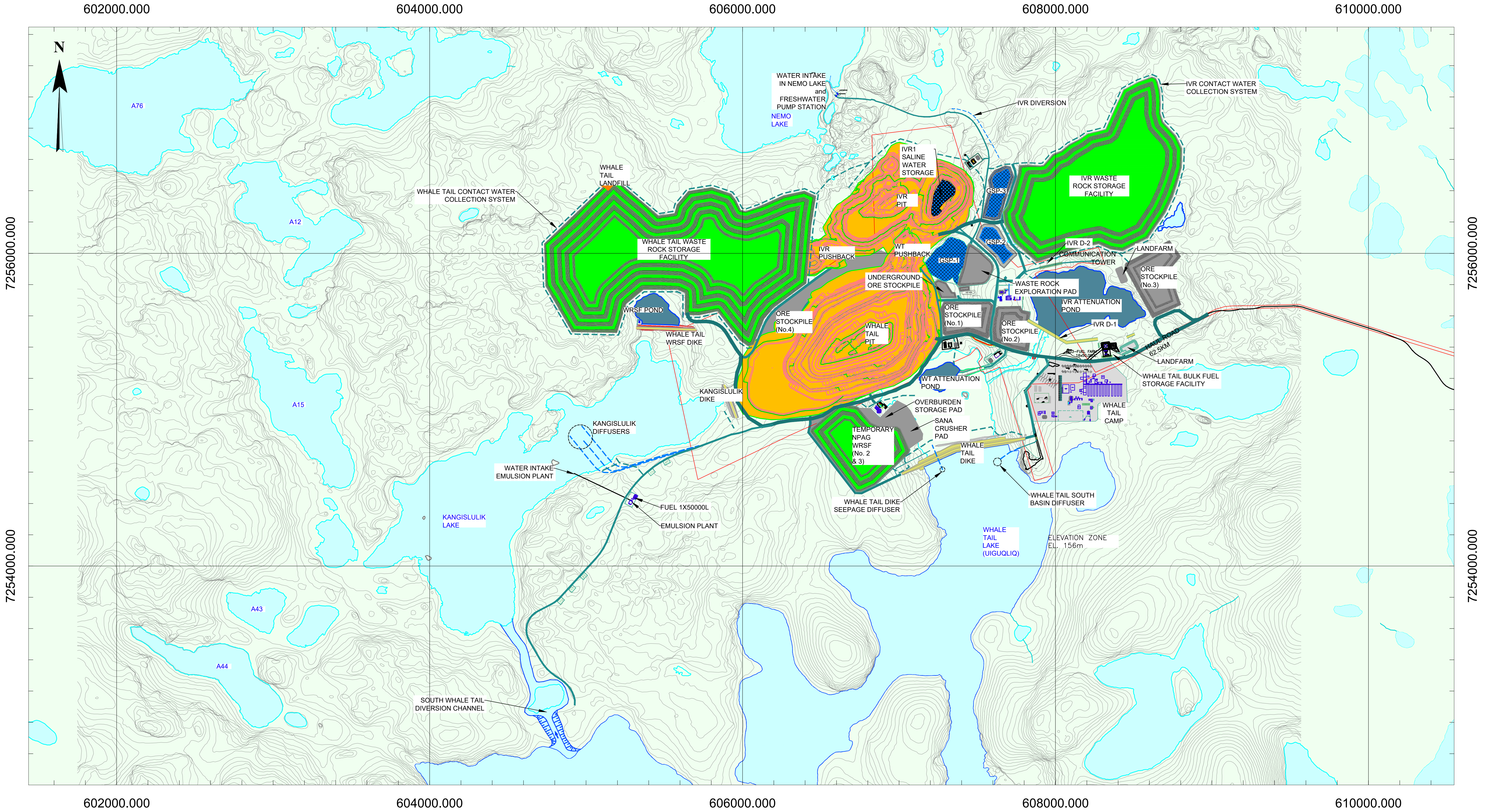
APPENDIX A • SITE LAYOUT PLANS



LEGEND

━	WATER BALANCE CATCHMENT	■	CONTACT WATER POND	■	DIKE
━	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	■	OPEN PIT
─	EXISTING GROUND	■	WATERBODY (NATURAL)	□	LEASE AREA
─	HAUL ROAD	■	BACKFILL	■	WASTE ROCK STORAGE FACILITY
━	ROAD, SALT PROTECTION	■	STOCKPILE		
- - -	SERVICE ROAD				
─	WATERCOURSE				
- - -	PIPE LINE				
─	DIVERSION CHANNEL				

DATE SAVED:	Mar 20, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2024Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
Whale Tail Modification WB/WQM

TITLE:
Whale Tail Modification
Water Balance Layout - 2025

PROJECT #: A634-5

FIGURE: 1

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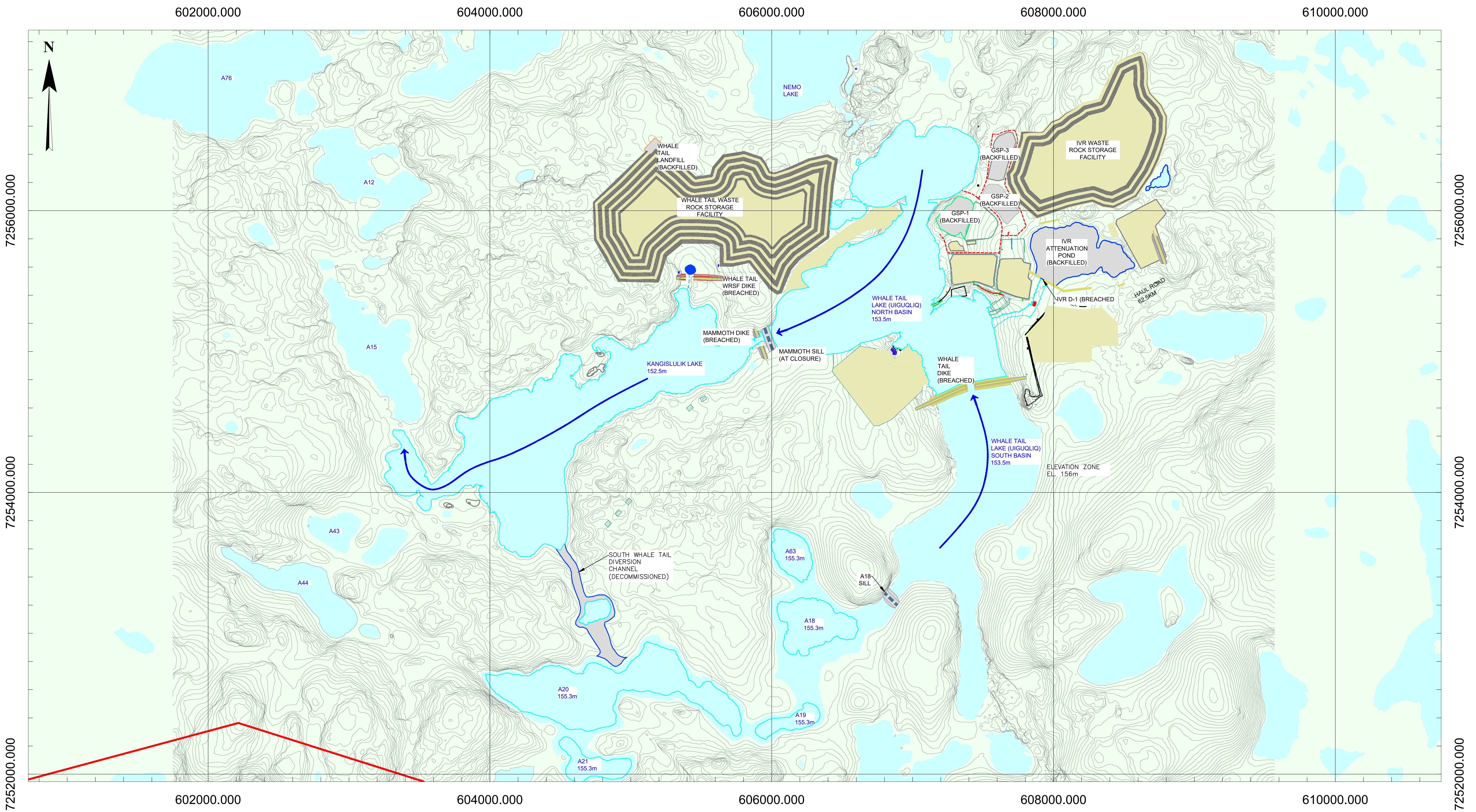

LEGEND

WATER BALANCE CATCHMENT	BACKFILLED POND (NPAG)
MAJOR AND MINOR CONTOURS FOR PITS	DIKE
EXISTING GROUND	RECLAIMED MINE INFRASTRUCTURE
HAUL ROAD ROAD, SALT PROTECTION SERVICE ROAD	WATERBODY (NATURAL)
WATERCOURSE	
PIPE LINE	
DIVERSION CHANNEL	

DATE SAVED:	Mar 14, 2023
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

Notes:
1.Original Drawing:
Drawing Number 2042 POST CLOSURE. *Amaruq MineSite General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.
2. Whale Tail WRSF extension design provided by Okane Consultants
3. Pit Extension provided by BBA - Whale Tail Phase 3 Underground End of Period Surfaces

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
Whale Tail Modification WB/WQM

TITLE:
Whale Tail Modification
Water Balance Layout - Post-Closure

PROJECT #: A634-5
FIGURE: 1

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APPENDIX B • 2023 WHALE TAIL WATER BALANCE AND WATER QUALITY MODEL

Whale Tail Modification: Water Balance and Water Quality Model – Technical Report

Prepared for:
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Vancouver, B.C., V6J 3H9

Project No. A634-5

8 June 2023

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1. Introduction

1. Introduction

Agnico Eagle Mines Ltd. (Agnico Eagle) operates the Whale Tail Mine (the Mine) on the 408 km^2 Amaruq property, situated on Inuit-owned surface lands. The Amaruq property is located in the Kivalliq region of Nunavut approximately 150 km North of the Hamlet of Baker Lake (Figure 1-1), and 50 km north of the Meadowbank Mine. The Mine is subject to the terms and conditions of both the Project Certificate No. 008 issued in accordance with the Nunavut Land Claims Agreement Article 12.5.12 on December 30, 2006, and the Nunavut Water Board Water Licence 2AM-WTP1830 issued in May 2020.

The Whale Tail Mine began commercial ore production in September 2019, and is a satellite operation of the Meadowbank Mine, which began operations in 2010. All ore mined at the Whale Tail Mine is transported by truck to the Meadowbank mill for processing, with tailings deposited in the existing Meadowbank Mine tailings storage facility.

In 2018, Agnico Eagle submitted a proposal to increase gold production from the original Whale Tail Pit Mine through expansion of the Whale Tail pit, development of a new open pit (IVR) and development of an underground beneath Whale Tail and IVR pits (2018 FEIS). This proposal constituted the Whale Tail Mine Expansion and received approval from the Nunavut Impact Review Board (NIRB) in October 2019. The mine received an amendment to Water Licence No. 2AM-WTP1830 in May 2020 from the Nunavut Water Board (NWB). In 2021, Agnico Eagle submitted a request for a modification to Water Licence No. 2AM-WTP1830 for pushback of the Whale Tail and IVR Pits. Approval for this activity was received in August 2021.

Agnico Eagle is currently seeking a modification to undertake the following activities (2023 Modification):

- Continuation of Whale Tail Pit Pushback in the southwest portion of the Whale Tail Pit;
- Continuation of IVR Pushback in the south portion of the IVR Pit; and,
- Temporary storage of groundwater in the east lobe of IVR Pit.

All the above activities are located within the approved Whale Tail Mine footprint (Project Certificate No. 008, Amendment 001). There are no other changes to the Operations phase as currently authorized under Water License 2AM-WTP1830. The additional waste rock generated by the proposed WT Pit and IVR Pit Pushback continuation will not exceed the currently licensed tonnages, and therefore no material change to the WT WRSF footprint or licensed tonnage is planned.

LEGEND

★ Project Location

● Municipality

DATE SAVED:	Jul 08, 2022
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

Coordinate System: *NAD 1983 UTM Zone 14N*
Projection: *Transverse Mercator*

Datum: *North American 1983*

Units: *Meter*

1:100,000

0 1 2 Km

CLIENT:

AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:

Whale Tail Extension

TITLE:

Project Location Map

PROJECT #: A543-4

FIGURE: 1-1

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Lorax Environmental Services Ltd. (Lorax) was retained by Agnico Eagle to update the site-wide water balance and water quality model (WBWQM) to represent the proposed Whale Tail Mine Modification mine layout.

The site-wide water balance and water quality model (WBWQM) is built in the GoldSim v14 software platform and is configured to run on a daily time-step. The primary modelling objective is the prediction of water and solute load transfers within the mine site, and to the receiving environment during all phases of the currently permitted Whale Tail Mine and proposed Whale Tail Mine Modification. The GoldSim WBWQM is configured to predict the transfer of water and solute mass (loadings) from mined and non-contact areas into the relevant water management facilities. Water volumes and loads are tracked on a daily time-step throughout the model, with all ponds, sumps, and open pits (and pit lakes) represented by 'pool' elements in GoldSim. The pool element allows the model to track multiple inflows and outflows simultaneously. All mixing is assumed to occur instantly, and all mass is conserved throughout the model (*i.e.*, no attenuation is applied to any of the parameters that are tracked).Key model inputs are as follows:

- Whale Tail Mine Modification mine plan and associated sub-catchment areas;
- Daily climate data prepared by Okane Consulting (Okane) for the RCP6.0 climate change scenario (Okane, 2022);
- Watershed model sub-module generated runoff;
- Estimates of runoff and net percolation based on Okane's landform modelling for the WRSFs (Okane, 2019);
- Modelled base case groundwater inflows to underground mine workings and Whale Tail Pit (Lorax 2023);
- Pump rates and treatment rates for water management infrastructure currently in place as of June 2022;
- Water treatment plant effluent water quality targets (described in Section 2.3).
- Non-contact water quality (described in Section 2.4);
- Geochemical source terms (described in Section 2.5); and,
- Whale Tail Dike and Whale Tail Pit groundwater seepage monitoring data (described in Section 2.6).

1.1 Report Structure

Following this introduction, the report is structured as follows:

- Section 2 describes the model input sources, including the mine plan, mine water management system, climate series, and water quality inputs;
- Section 3 summarizes the forward model projections for the water balance model;
- Section 4 summarizes the forward model projections for the water quality model; and,
- Section 5 provides a summary of key findings.

2. Model Input Updates

AGNICO EAGLE

2. Model Input Updates

2.1 Whale Tail Modification Mine Plan

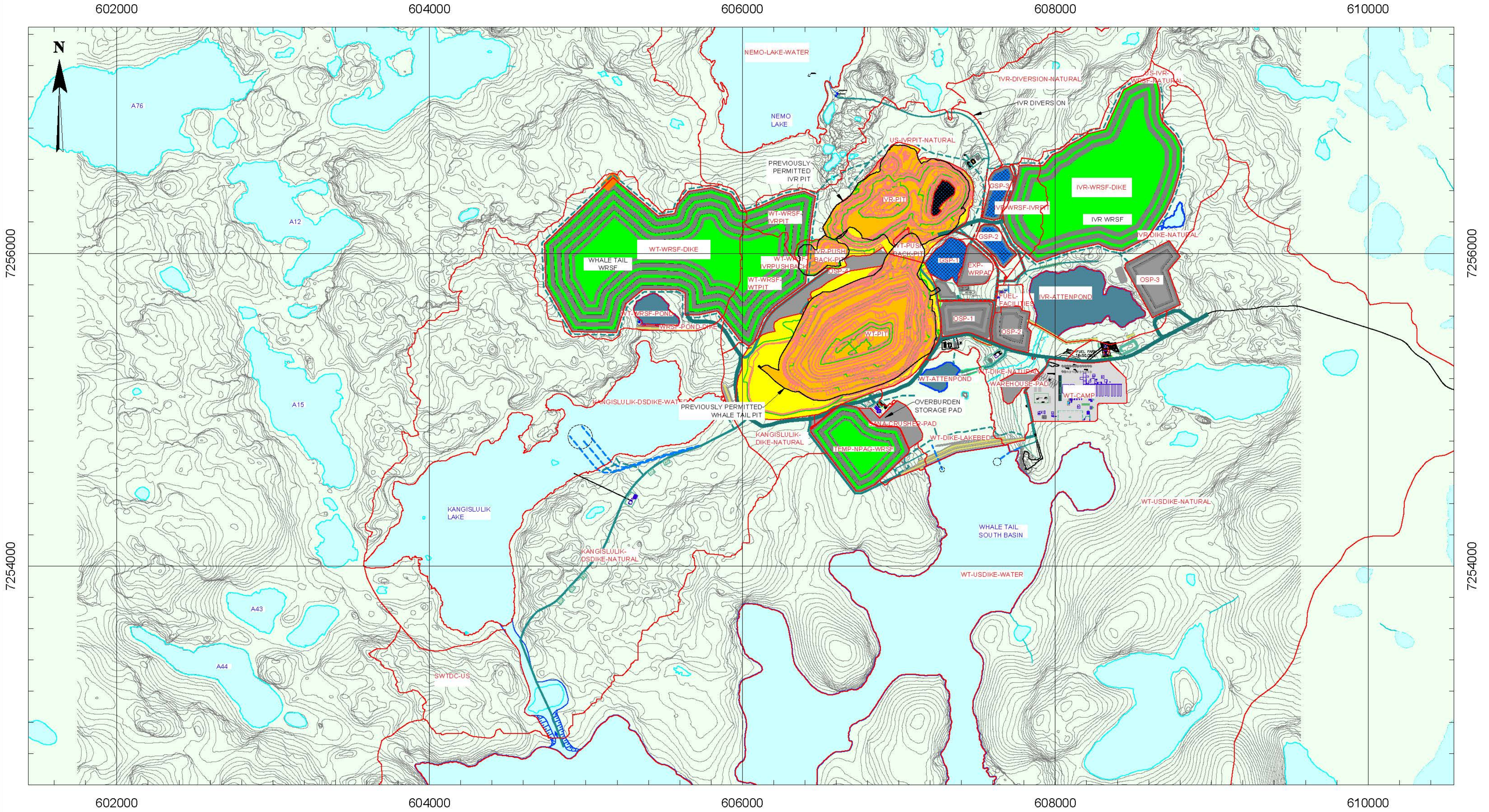
Activities for the 2023 Modification are located within the approved Whale Tail Mine footprint (Project Certificate No. 008, Amendment 001), and include the following:

- Continuation of Whale Tail Pushback in the southwest portion of the Whale Tail Pit
- Continuation of IVR Pushback in the South portion of the IVR Pit
- Temporary storage of groundwater in the east lobe of IVR Pit

The EOM mine layout (2025), including all delineated sub-catchments is presented in Figure 2-1. Figure 2-2 presents the mine layout and all delineated sub-catchments for Post-closure used in the model.

The 2023 Modification also includes the temporary storage of groundwater generated from the underground mining operations in the east lobe of IVR Pit. The storage of groundwater in IVR Pit was listed as an alternative action in the approved Adaptive Management Plan (Agnico Eagle, 2021).

No new water management infrastructure will be required as a result of the 2023 Modification. All other existing water management infrastructure will be used as part of this modification. The conceptual site water management flow diagram is shown in Figure 2-3.



LEGEND

▬	WATER BALANCE CATCHMENT	▇	CONTACT WATER POND	▇	DIKE
▬	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	▇	OPEN PIT (PREVIOUSLY PERMITTED)
─	EXISTING GROUND	▇	WATERBODY (NATURAL)	▇	OPEN PIT (MODIFICATION)
▬	HAUL ROAD	▇	BACKFILL	▇	WASTE ROCK STORAGE FACILITY
▬	ROAD, SALT PROTECTION	▇	STOCKPILE		
- - -	SERVICE ROAD				
─	WATERCOURSE				
- - -	PIPE LINE				
▬	DIVERSION CHANNEL				

DATE SAVED:	May 08, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2024Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - 2023-2025

PROJECT #: A634-5

FIGURE: 2-1

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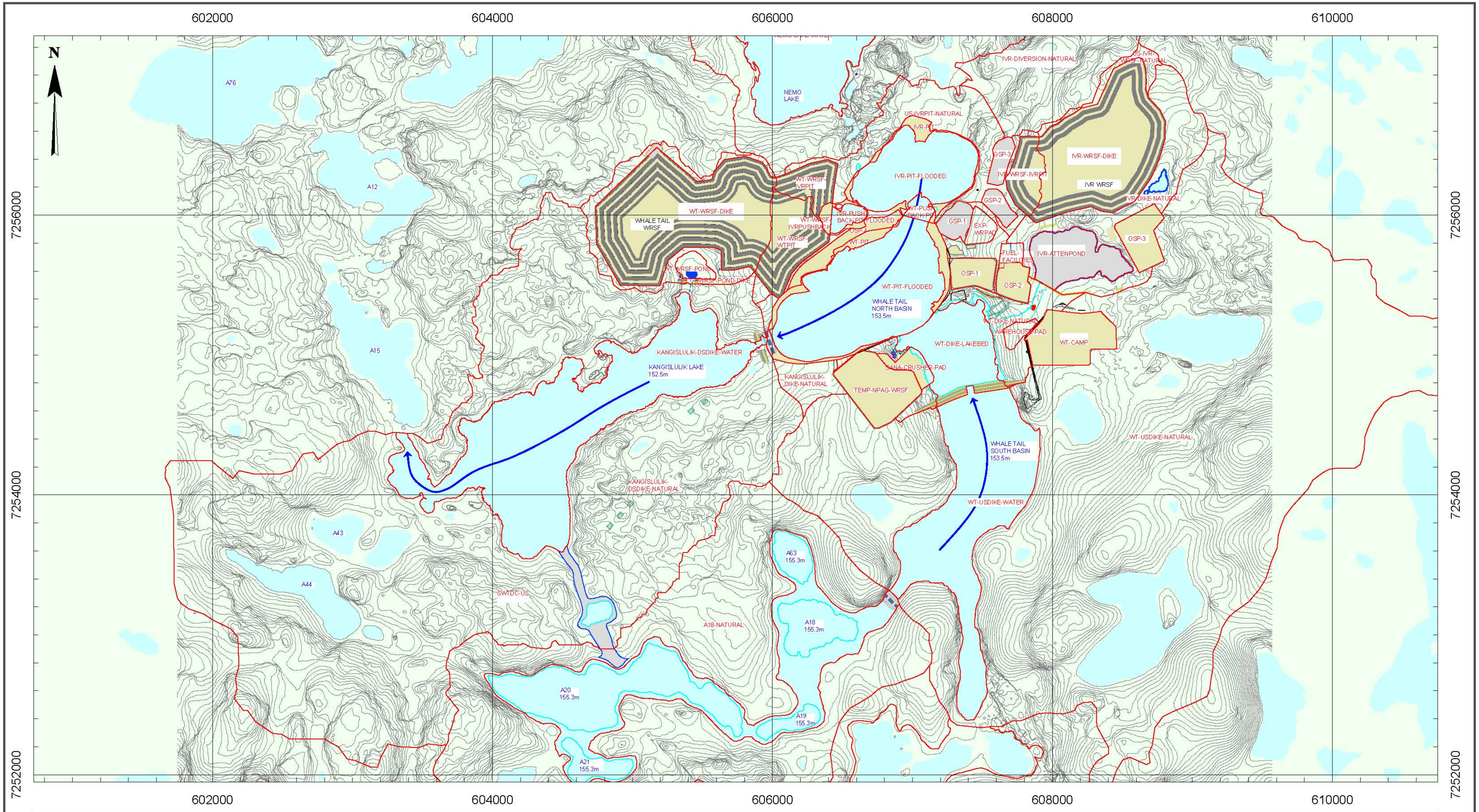

LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- WATERCOURSE
- PIPE LINE
- DIVERSION CHANNEL
- BACKFILLED POND (NPAG)
- DIKE
- RECLAIMED MINE INFRASTRUCTURE
- WATERBODY (NATURAL)

DATE SAVED:	Apr 28, 2023
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

Notes:
1.Original Drawing:
Drawing Number 2042 POST CLOSURE. *Amaruq MineSite General Arrangement*.
Produced May 2, 2019 by Agnico Eagle.
2. Whale Tail WRSF extension design provided by Okane Consultants

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - Post-Closure

PROJECT #: A634-5
FIGURE: 2-2

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Table 2-1:
Comparison of Facility Watershed Areas Altered by 2023 Modification

Time Period	**2021 IVR/WT Pushback[1] (km^2)**	**2023 Modification[2] (km^2)**	**Percent Difference (%)**
IVR Pit	1.14	1.25	10%
IVR Pushback	0.190	0.064	-66%
Whale Tail Pit	1.14	1.21	6%
Total	*2.47*	*2.52*	*2%*

Notes:
[1] Values are taken from Table 1 (Golder 2021)

Mine rock excavations proposed as part of the 2023 Modification are presented in the Waste Rock Management Plan (Agnico Eagle, 2023). This modification is not expected to result in changes to the WRSF or ore stockpile dimensions or lithologic composition. Therefore, mine plan inputs related to lithological composition of waste rock, ore stockpiles and pit walls are unchanged from the 2021 IVR/WT Pushback model (Golder, 2021).

The 2023 Modification mine plan timeline follows the licensed approved mine plan:

- Whale Tail Mine Operations: 2019 to 2025;
- Active Closure: 2026 to September 2042; and,
- Post-closure: October 2042 onwards (modelled out to 2070).

The mine phases are unchanged from the currently approved mine plan, which includes four development phases: 1 year of construction (complete), 7 years of mine operations, 17 years of closure, and the post closure period.

2.2 Water Management Assumptions and Inputs

The mine water management plan is based upon two guiding principles; diverting clean (non-contact) water away from mine infrastructure where possible and separating the two mine affected water types (*i.e.*, surface contact water and groundwater; Agnico Eagle, 2020). The 2023 Modification includes the temporary storage of groundwater generated from the underground mining operations in the east lobe of IVR Pit.

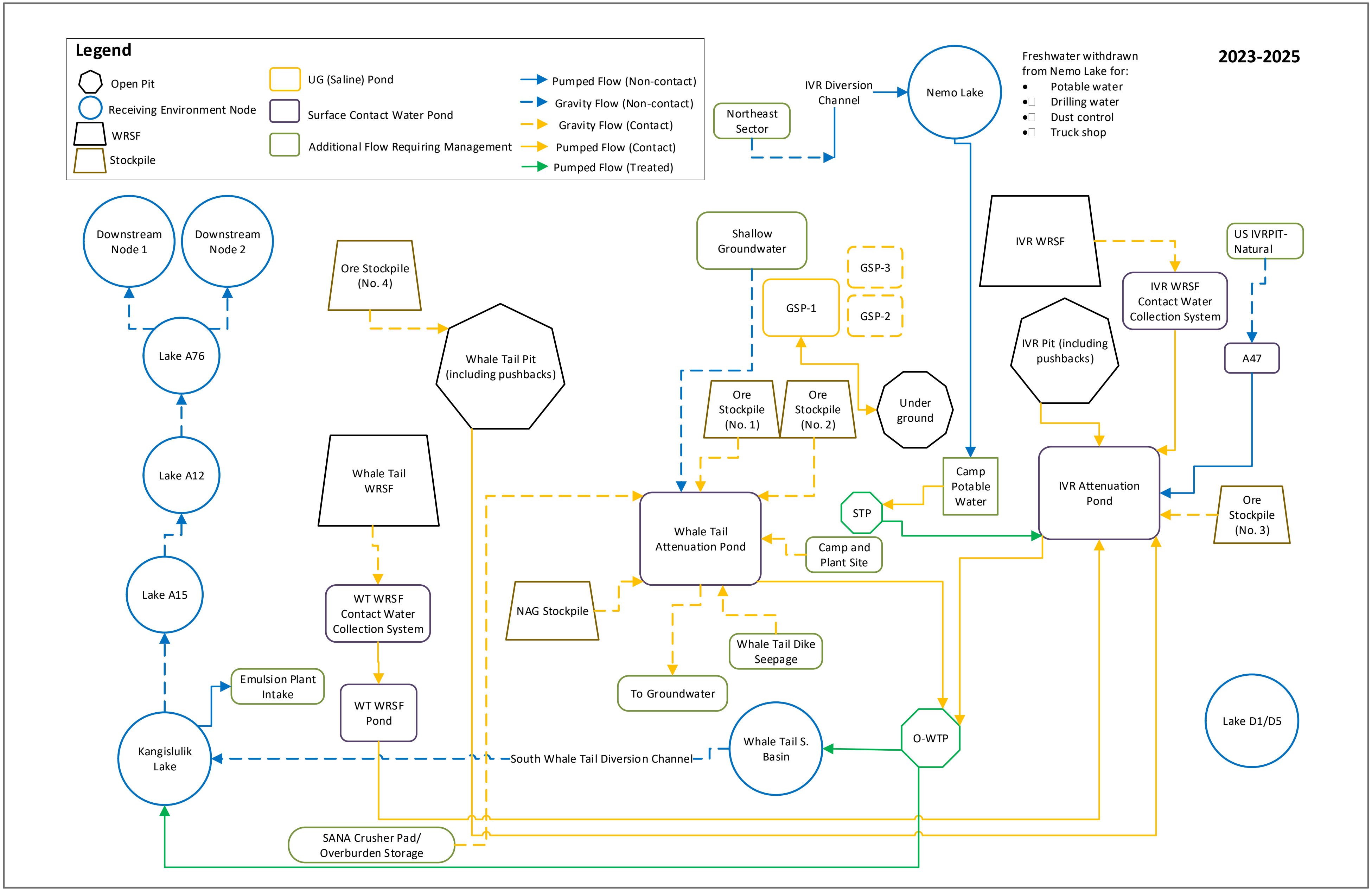
All surface contact water generated from mine facilities is collected and routed through a series of sumps and attenuation ponds (Table 2-3) and treated by the O-WTP prior to discharge to the receiving lakes. No changes to the existing mine water management plan or existing water management infrastructure are planned.

The eastern lobe of the IVR Pit is mined out by end-2022 and is assumed to be available for temporary groundwater storage in January 2023, with an available storage volume of approximately 1.9 Mm^3, assuming that the water level is maintained below the elevation of 95 m. Once this pit lobe becomes available for water storage, all underground dewatering flows that are in excess of the GSP-1 storage capacity will be routed to the eastern lobe of IVR Pit until the end of operations.

All mine site effluent is treated by the operations water treatment plant (O-WTP) at a rate of 1,450 m^3/hour prior to discharge to either Whale Tail South Basin or Kangislulik Lake via diffusers.

The O-WTP is designed to treat Total Arsenic to a concentration of 0.1 mg/L and total suspended solids (TSS) to a concentration of 15 mg/L. An Arsenic removal rate of 85% was applied within the water quality model, based on operational performance of the plant.

Treated sewage is discharged from the sewage treatment plant (STP) at 144 m^3/day and routed to the IVR Attenuation Pond. The effluent water quality from the STP was modelled using median concentrations observed in STP effluent (ST-WT-11) between January 2021 to December 2021, with Total Phosphorus and Nitrate concentrations capped at the treatment targets noted above.



CLIENT:

AGNICO EAGLE

LORAX ENVIRONMENTAL

DATE SAVED:	Mar 22, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

PROJECT:

WT Mine Modification WBWQM Report

TITLE:

Whale Tail Mine Modification Flow Diagram - 2023-25

PROJECT #: A634-5

FIGURE: 2-3

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2.3 Baseline Water Quality Inputs

The lakes which directly receive mine effluent (Kangislulik and Whale Tail South) were initialized within the model using observed monitoring data. That is, the average concentrations observed in January to February 2020 were applied to the lakes at the beginning of the modelling period (*i.e.*, January 2020).

2.4 Geochemical Source Terms

This section provides a summary of source term assumptions used in the 2023 Modification WBWQM. The geochemical source terms follow a similar approach as that employed in previous model versions (Golder 2019, 2021), but were updated with monitoring data, kinetic testing data, solubility constraints or changes to the mine plan.

Underground Mine Water

- Annual loads from underground wall rock and waste backfill were calculated using an upscaled loading approach. Loading rates were scaled considering waste and ore production volumes, backfill schedule and composition of the underground waste rock and ore.
- Salinity of groundwater infiltrating into the underground mine workings was predicted based on the TDS profile and the maximum depths that mine workings will penetrate below ground surface (Figure 2-4). The TDS predicted at the maximum mine workings depth of ~450 meters (5,400 mg/L) was applied to underground mine water for the duration of mine life.
- Nitrogen source terms for the underground mine are based on 2020-2021 monitoring data from the Tiriganiaq Underground at the Meliadine mine.

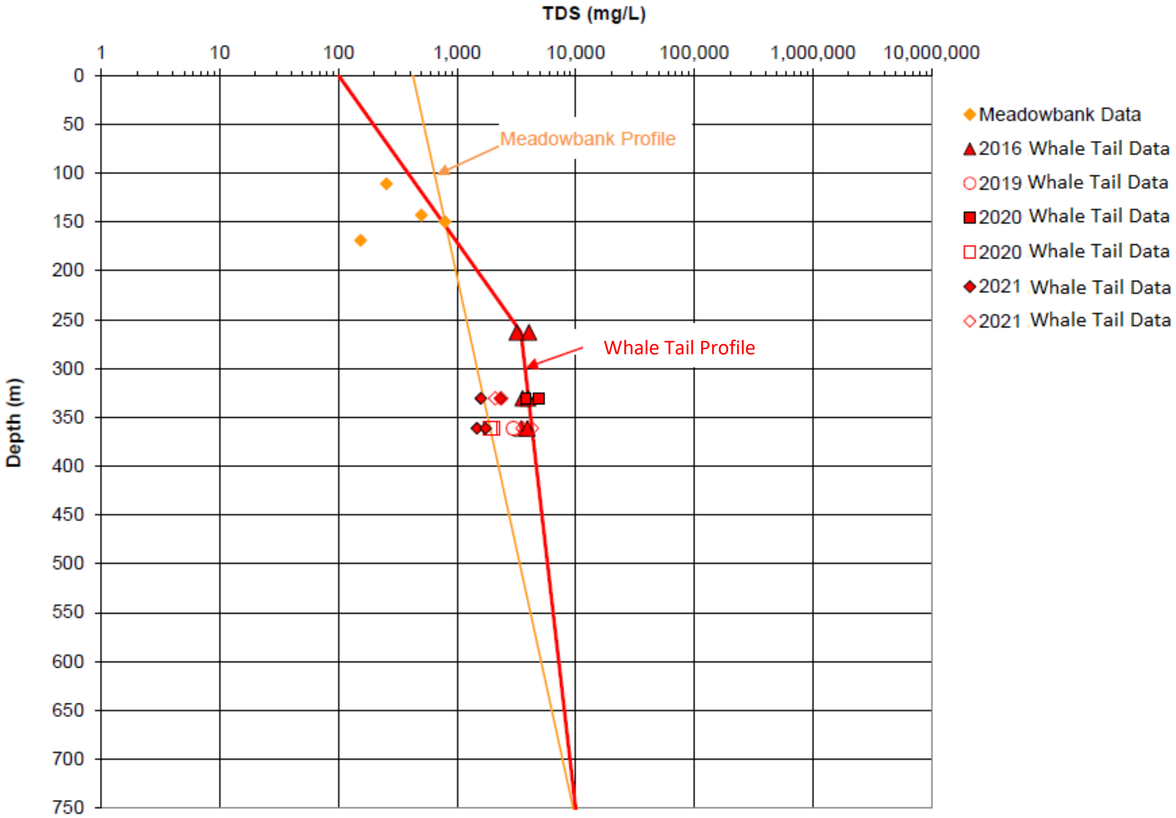

Figure 2-4: Whale Tail subsurface total dissolved solids (TDS) depth profile modified from Golder (2022)

Waste Rock Storage Facilities

- Geochemical loading rates for WRSFs are based on upscaled kinetic tests following the same approach as those described in Golder (2019a). An additional scaling factor was introduced based on water quality monitoring data and pumping records (2020-2022).
- Nitrogen source terms for waste rock runoff are based 2020-2022 monitoring data from the WT WRSF collection pond, corrected for runoff from the surrounding catchment area.

Open Mine Pits

- Geochemical loading rates for exposed pit walls were calculated by upscaling kinetic test loading rates and followed the same approach as described in Golder (2019). Similar to the WRSFs, calibration scaling factors were utilized to ensure model results were validated to monitoring data from 2020-2022.
- Nitrogen source terms for pit wall runoff were calculated using average NH_3, NO_3 and NO_2 concentrations from the IVR Pit sump monitoring data, corrected for runoff from the surrounding catchment area.

- Progressive reclamation will occur on the IVR pit wall above the final water table elevation (153.5 masl) to minimize metal loadings from the final pit high wall as per the Interim Reclamation and Closure Plan (Agnico Eagle, 2020). The NPAG/NML WRSF cover source term developed for WRSFs was applied to the reclaimed pit wall areas.
- Diffusive flux source terms for submerged pit walls were updated using saturated column test data.

Exposed Lake Beds

- Loadings associated with runoff over exposed dewatered Whale Tail Lake sediments were updated to incorporate lake sediment kinetic test results.

Solubility Controls

- Concentration limits for aluminum (Al), iron (Fe) and phosphorous (P) were developed using the United States Geological Survey numerical modelling program PHREEQC (Parkhurst and Appelo, 1999). The mineral solubility limits were developed by calculating the solubility of hydroxyapatite [$Ca_5(PO_4)_3(OH)$], aluminum hydroxide [$Al(OH)_3$], and ferric hydroxide [$Fe(OH)_3$].
  - Constant solubility caps were applied for Al (0.22 mg/L and Fe (0.072 mg/L) by assuming aluminum hydroxide, and ferric hydroxide equilibrium a pH 7.0 and major ion chemistry typical of Whale Tail Mine drainage.
  - A variable solubility cap was developed for Phosphorus (0.04 to 0.1 mg/L). This was completed by calculating Phosphorus solubility in equilibrium with hydroxylapatite at a constant pH of 7.0 and a range of Ca concentrations (25-200 mg/L). The Phosphorus solubility was predicted to range from 0.04 to 0.34 mg/L, and solubility caps were applied based on the source terms Ca concentration.

2.5 Dike Seepage

Seepage of lake waters through the Whale Tail Dike to the Whale Tail Attenuation Pond was observed and monitored since 2019. Currently, the model assumes a seepage rate of 125 m^3/hour, based on the average of monitored seepage over the October 2021 to August 2022 period. The median observed concentrations for the January 2022 to March 2023 monitoring period are applied as the source term for the dike seepage to the Whale Tail attenuation pond through operations.

2.6 Whale Tail Pit Groundwater Seepage

Groundwater seepage into the WT Pit was observed and monitored since 2019 (monitoring station ST-GW-WT-1). The average observed concentration for the September 2019 to January 2023 monitoring period is applied as the source term for groundwater seepage into the WT Pit through operations. Groundwater seepage into the pit is expected to cease following flooding of the pit, therefore this source term is applied exclusively through operations. Note that IVR pit is hosted entirely within permafrost, so no groundwater seepage is anticipated.

3. Water Balance Model Results

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3. Water Balance Model Results

Predictions for the water balance component of the model for key nodes and all mine phases are presented in this section. Specifically, results are provided for Collection Ponds, open mine pits, water treatment plant discharge volumes, and Active Closure pit lake flooding and water management. Mine site contact water will continue to be managed per the approved Water Management Plan (Agnico 2022).

3.1 Operations Phase

3.1.1 Collection Ponds

This section summarizes the water balance model results for the surface contact water collection ponds (WT Attenuation Pond, IVR Attenuation Pond), and the underground mine contact water ponds (GSP-1 and IVR Pit).

The Whale Tail WRSF Collection Pond (WT WRCP) is predicted to remain below the maximum operating level (154 m) for the duration of the Operations and Active Closure.

3.1.1.1 IVR Attenuation Pond

For the remaining years of Operations, the WT Pit and the WT Attenuation Pond are the predominant inputs to the IVR Attenuation Pond and comprise 42% and 34% of the total inflows, respectively. Once the IVR Attenuation Pond is drawn down at the beginning of Active Closure, it is backfilled with NPAG/NML waste rock.

The IVR Attenuation Pond is the source of roughly 98% of total influent to the O-WTP for the remainder of operations. Limited discharge from the WT Attenuation Pond is expected as the IVR Attenuation Pond will be the primary repository for pumped contact water flows for the remainder of Operations. Treated water will continue to be discharged to either Kangislulik Lake or Whale Tail South Basin.

3.1.2 Groundwater Management

3.1.2.1 GSP-1

GSP-1 is the primary groundwater storage pond. The pond currently operates as a closed loop system with all collected water (including incident precipitation and snowmelt) directed back underground for use as drilling brine. In addition to the underground water, meteoric inputs increase the total volume stored in GSP-1 to 139,900 m3 and GSP-1 is predicted to reach maximum capacity in August 2025. After this time, groundwater will be pumped to the eastern lobe of the IVR Pit (see Figure 2-1) for temporary storage.

Groundwater stored in GSP-1 at end of mine will be pumped into the underground voids in January 2026 at the onset of Active Closure. Once this has been completed, GSP-1 will be backfilled with NPAG/NML waste rock, and the remainder of the underground mine will be filled with water pumped from Whale Tail South Basin and the WT WRCP.

3.1.2.2 Temporary Storage of Groundwater in IVR Pit

A total of 36,000 m^3 is predicted to be pumped from the underground mine to IVR Pit over the last 5 months of 2025. In addition to the underground water, meteoric inputs increase the total volume stored in IVR Pit to 60,600 m^3 as of December 31, 2025, resulting in approximately 60% of the IVR Pit water being of underground provenance, and 40% generated by runoff from the pit walls and surrounding catchments. At end of mine, the groundwater temporarily stored in IVR Pit will be pumped into the underground voids in January 2026 at the onset of Active Closure. Once the groundwater stored in IVR Pit has been pumped underground, this pit will be filled with fresh water pumped from the Whale Tail South Basin.

3.1.3 Open Pit Water Balances

3.1.3.1 Whale Tail Pit

During Operations, groundwater seepage inflows through the south wall from the Whale Tail South Basin (and the WT Attenuation Pond, to a lesser degree; Lorax 2023) range from approximately 60% to 95%, depending on the year, of total flows. Passive surface runoff from the surrounding catchments and incident precipitation/snowmelt on the pit walls and floor contribute the remainder of the inflows.

The WT Pit will be passively flooded for the first three years of Active Closure. During this time, the pit will receive overflows (primarily driven by seepage through the Whale Tail Dike) from the WT Attenuation Pond and meteoric water inputs. Groundwater inflows are reduced in 2026 due to predicted glaciation of the seepage face, and increase as the pit lake fills, peaking in 2036, before dropping back to zero by 2039. Beginning in August 2029 the WT Pit will begin to be actively filled with water from the Whale Tail South Basin, until the WT Pit and IVR Pit lakes join above the 136.5 masl sill elevation in June 2038, forming the Whale Tail North Basin. Active flooding of the WT North Basin will continue until the final pit lake elevation is reached in September 2042.

3.1.3.2 IVR Pit

The IVR Pit is located entirely within permafrost and has a limited upgradient catchment beginning in June 2026. Surface runoff from the surrounding catchment areas dominates the pit water balance early in Operations, switching to pit wall runoff dominating as open pit comprises more of the total pit catchment. After the stored groundwater is removed from IVR Pit, and the underground mine flooding is complete, active filling of IVR Pit will begin in June 2026. During the Active Closure period, pumping of water from the Whale Tail South Basin and the WT WRCP dominates the overall water balance from 2026 to 2029.

3.2 Active Closure

The underground mine voids are actively filled in January 2026 by pumping water from IVR Pit and GSP-1. The open pits are filled from June 2026 to September 2042 first by passive runoff and then by pumping from the Whale Tail South Basin and WT WRCP. Water from the Whale Tail South Basin is pumped into the remaining mine voids, at a maximum rate of 8.28 Mm^3 (2,800 m^3/hour) in 2026, and 2.89 Mm^3 (1,000 m^3/hour) over the remaining 15 years. This pit flooding program will be active during the open water season only, assumed to span June 1 to September 30 of each year. Per the 2021 Water Management Plan (Agnico, 2022), an additional 161,000 m^3 (55 m^3/hour) is pumped from Whale Tail South Basin during the same annual pumping window to the mine voids to meet the target of restoring the Whale Tail North Basin water level to 153.5 m by September 2042.

This results in a total pumping volume of 8.44 Mm^3 in 2026 and 3.05 Mm^3 in 2027 to September 2042.

The sequence of active filling is the same as in previous models and is as follows:

- Underground mine active filling occurs until June 2026;
- IVR Pit active filling begins in July 2026, and is filled to the spill point elevation of 136.5 masl by July 2029;
- WT Pit active filling begins in August 2029, and is filled to the spill point elevation of 136.5 masl by June 2038; and,
- Whale Tail North Basin forms after June 2038 when the IVR Pit and WT Pit lakes combine. Active filling of the Whale Tail North Basin continues until September 2042 when the final water level of 153.5 masl is reached.

The water level will drop in Whale Tail South Basin as a result of pumping during Active Closure (Figure 3-1). This will result in the Lake A18 complex becoming disconnected from Whale Tail South basin in August 2026 when water levels are predicted to drop below 154 masl. This will allow Lake A18 Sill to be built in early 2027 and commissioned for freshet 2027. The fully flooded post-closure mine pits are depicted in Figure 2-2.

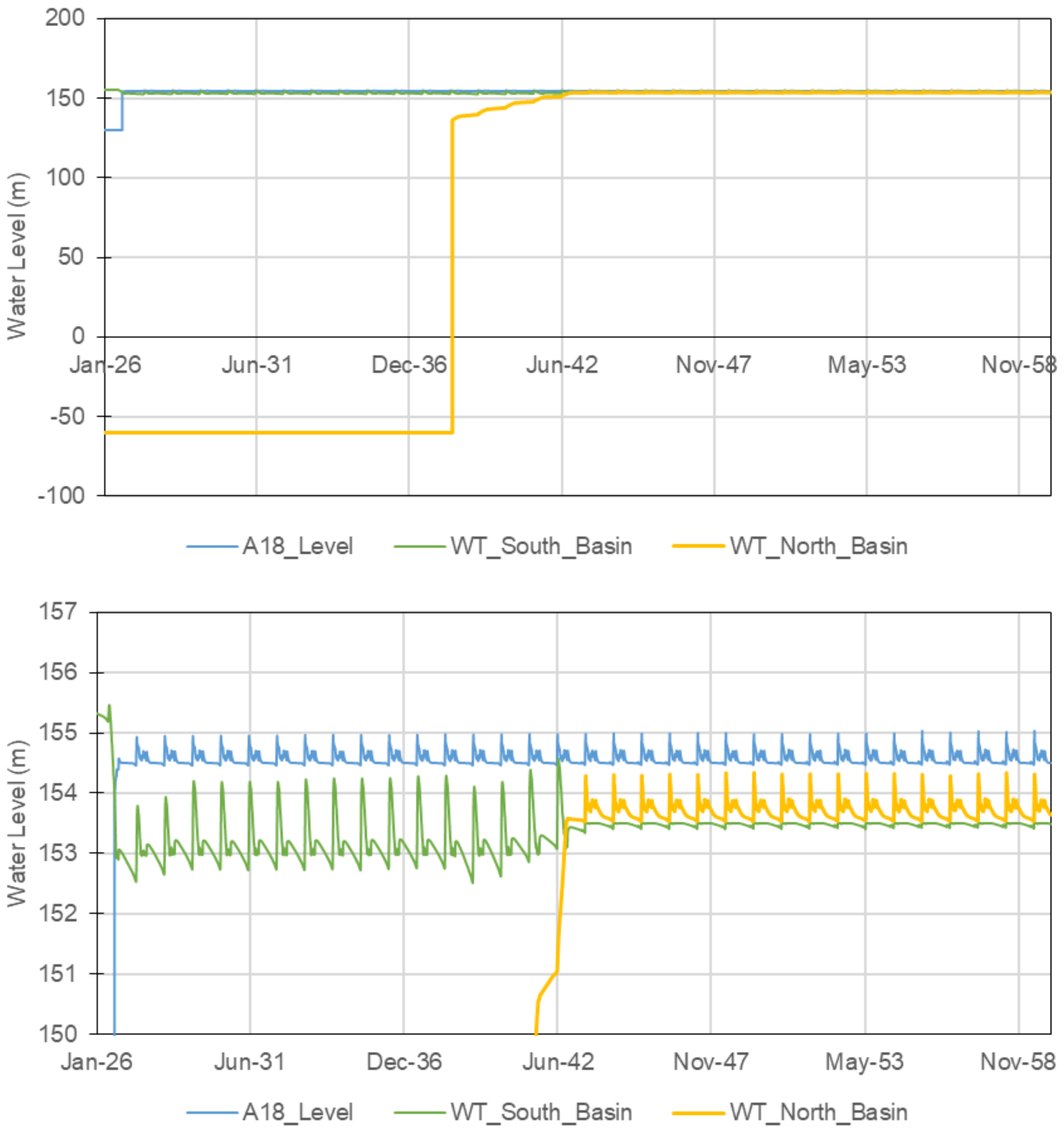

Figure 3-1: Closure lake water levels for the full range during the filling period (top panel) and focused on the final lake elevations (bottom panel).

4. Water Quality Model Results

4. Water Quality Model Results

Water quality predictions for end of pipe and receiving lakes in Operations, Active Closure and Post Closure are presented in this section.

End of pipe concentrations are presented as dissolved concentrations similar to the IVR/WT Pushback model (Golder 2021). Receiving environment model results are developed assuming that total concentrations are equal to dissolved concentrations because the TSS is expected to remain near baseline values of <1 mg/L.

Water quality predictions in the receiving environment and downstream lakes are compared to the following criteria during Operations, Active Closure and Post Closure:

- Treated effluent from the O-WTP is screened against NWB Water License/MDMER (End-of-Pipe) water quality criteria.
- Long-term water quality guidelines for the protection of aquatic life established by the Canadian Council of Ministers of the Environment (CCME)
- Site-specific water quality objective (SSWQO) for Arsenic (0.025 mg/L).

Overall, the results show that all parameters are predicted to remain below their respective guidelines, with the exception of P, in receiving lakes during Operations; this is consistent to previous model iterations. Predictions for Phosphorus and Arsenic are compared to applicable water quality guidelines and outputs from previous models (Golder 2021; SNC 2023) in the following sections. The full water quality model results screened against relevant guidelines and summary statistics are provided in Appendix C.

4.1 Operations

During operations, all surface contact water generated from mine facilities is collected and routed through a series of sumps and attenuation ponds and treated by the O-WTP prior to discharge to the receiving environment. Phosphorus and Arsenic predictions were identified as parameters of potential concern in the 2018 FEIS (Golder, 2018). Water quality results for these parameters in the treated effluent, receiving environment and downstream lakes are presented in the following subsections.

4.1.1 Treated Effluent Quality

From 2023 through 2025, Phosphorus and Arsenic concentrations in the O-WTP effluent discharge are predicted to remain below their respective NWB water license limits in the 2023 Modification (Figure 4-1).

The 2023 Modification results show reduction in Phosphorus and Arsenic concentrations compared to the 2021 IVR/WT Pushback model. Lower Arsenic concentrations are related to O-WTP treatment efficiency assumption. The 2021 IVR/WT Pushback model assumed a treatment cap of 0.1 mg/L, while the 2023 Modification applies observed Arsenic removal efficiency of 85%.

Lower Phosphorus concentrations are predicted in the 2023 Modification Model relative to the 2021 IVR/WT due to updates in source term predictions. Reduced Phosphorus loadings were a result of solubility constraints introduced in Section 2.5. Lower Phosphorus predictions are consistent with 2020 to 2022 monitoring data, which show a median Total Phosphorus concentration of 0.01 mg/L in O-WTP effluent.

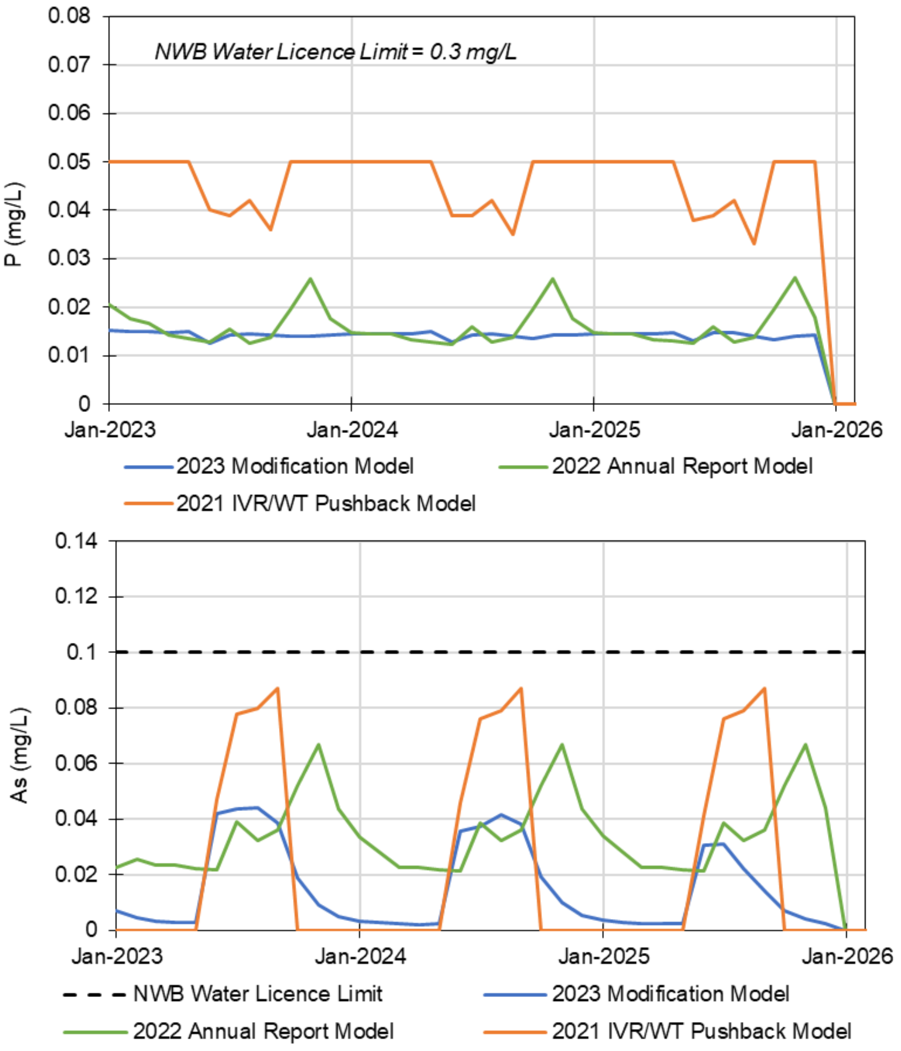

Figure 4-1: Predicted phosphorus and arsenic concentrations for the treated O-WTP effluent during Operations in the 2023 Modification model. Predictions from the 2022 Annual Report model and 2021 IVR/WT Pushback model are shown for comparison purposes.

4.1.2 Receiving Environment and Downstream Lakes

Treated effluent is pumped from the O-WTP to the Whale Tail South Basin during winter months (typically October to June), and to Kangislulik Lake during summer months (typically May to September), with some overlap during the seasonal transition. Downstream predictions for Phosphorus and Arsenic during Operations are presented in Figure 4-2, with comparisons between the 2023 Modification model and 2021 IVR/WT Pushback model (Golder, 2021).

Phosphorus (Figure 4-2a) and Arsenic (Figure 4-2c) predictions in the 2023 Modification model are highest in Kangislulik Lake since it receives 63% of the total annual effluent discharge from the O-WTP. The 2021 IVR/WT Pushback model assumed that effluent was discharged to the Whale Tail South Basin from June 2021 to the end of Operations, resulting in elevated concentrations in Whale Tail South Basin compared to Kangislulik Lake.

This difference in effluent discharge strategy results in lower Phosphorus and Arsenic predictions in the Whale Tail South Basin in the 2023 Modification model relative to the 2021 IVR/WT Pushback model. Regardless, both models show an overall decline in Phosphorus and Arsenic concentrations with increasing distance from the point of effluent discharge to lakes further downstream (*e.g.*, Lake A15, DS1 and DS2).

During the operational years of 2023-2025, Phosphorus concentrations are predicted to increase in Kangislulik Lake and Whale Tail South Basin due to effluent discharge from the O-WTP. At the end of Operations, the Kangislulik lake is predicted to reach maximum Phosphorus concentrations of 0.011 mg/L (2023 Modification model; Figure 4-2a), which are reflective of the upper limit for oligotrophic lakes (0.01 mg/L). Once effluent discharge ceases, Phosphorus concentrations are expected to decrease and remain below the guideline throughout closure (see Section 4.2.2).

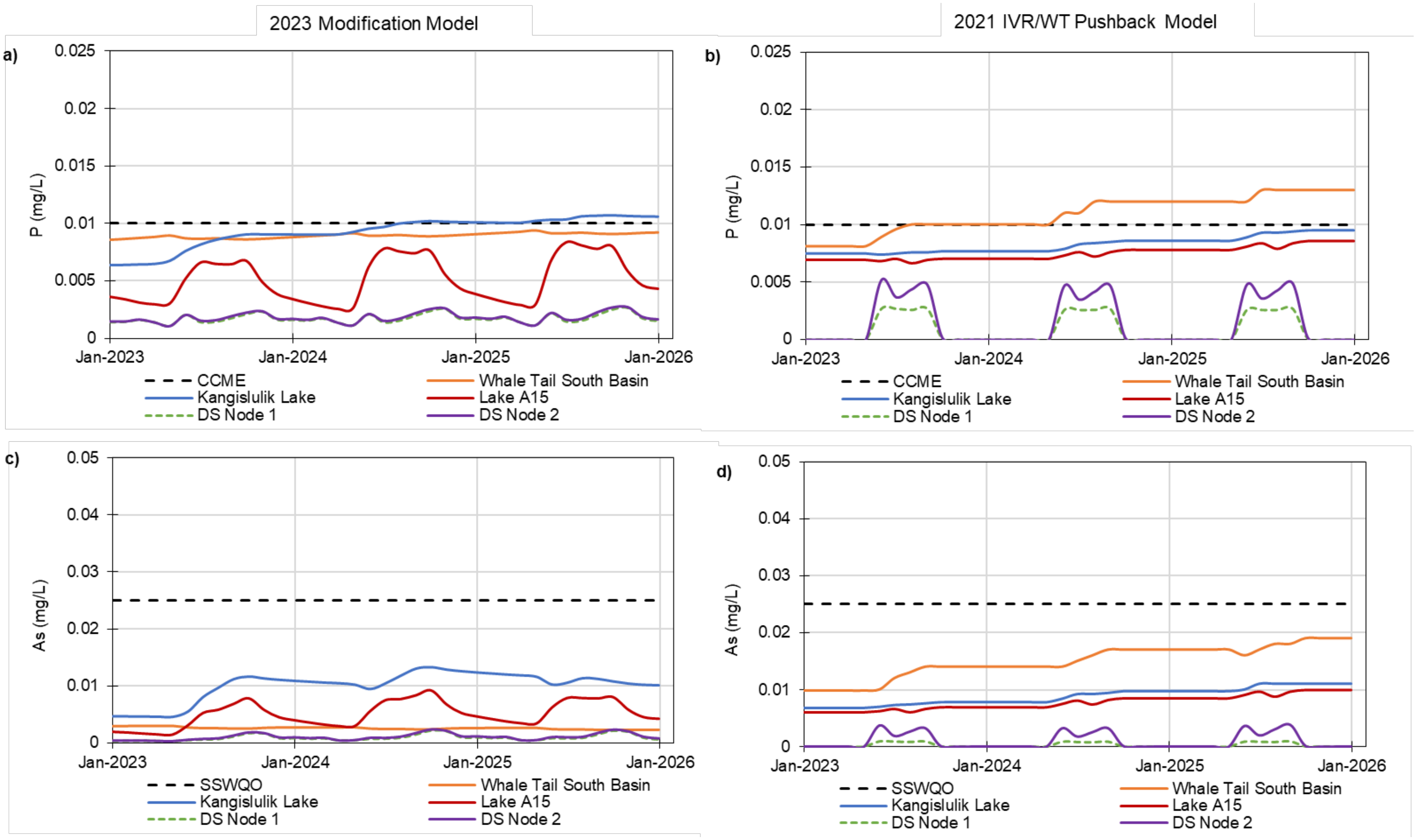

Figure 4-2: Projected phosphorus (P) and arsenic (As) concentrations for the receiving environment and downstream lakes during operations in the 2023 Modification model (a, c) as compared to the 2021 IVR/WT Pushback model (b, d).

4.2 Active Closure and Post-Closure

4.2.1 Pit Lakes

IVR Pit water quality shows a rapid decline in Phosphorus (Figure 4-3a) and Arsenic (Figure 4-3c) concentrations at the beginning of Active Closure. This is a result of the removal of groundwater temporarily stored in the IVR pit and initiation of active filling in June 2026. Arsenic concentrations begin to rebound after IVR Pit flooding is complete in 2029. Arsenic loading during this time period is primarily sourced from the IVR Pit wall exposure. This trend persists until the IVR Pit and WT Pit are conjoined into the Whale Tail North Basin in June 2038 at elevation 136 masl, and the remaining IVR Pit walls are flooded.

In early Active Closure (2026-2028), water quality in the WT Pit is governed by overflow from the Whale Tail Attenuation Pond (which in turn receives outflows from the backfilled IVR Attenuation Pond), groundwater seepage, and pit wall runoff. Arsenic concentrations are predicted to decline after active filling of the WT Pit starts in 2029 (Figure 4-3c). An overall declining trend is also predicted for Phosphorus concentrations in the WT Pit during Active Closure (Figure 4-3a).

In June 2038, the WT Pit is filled to its spill elevation (136 m) and starts contributing to the Whale Tail North Basin, a closure lake comprised of the flooded IVR Pit, WT Pit, and WT Attenuation Pond. Phosphorus concentrations predicted in the Whale Tail North Basin remain below the upper limit of the oligotrophic range throughout closure (Figure 4-3a). Arsenic concentrations (Figure 4-3c) are expected to be less than the SSWQO by the end of Active Closure, with values continuing to decline during Post-Closure (modelled out to 2070).

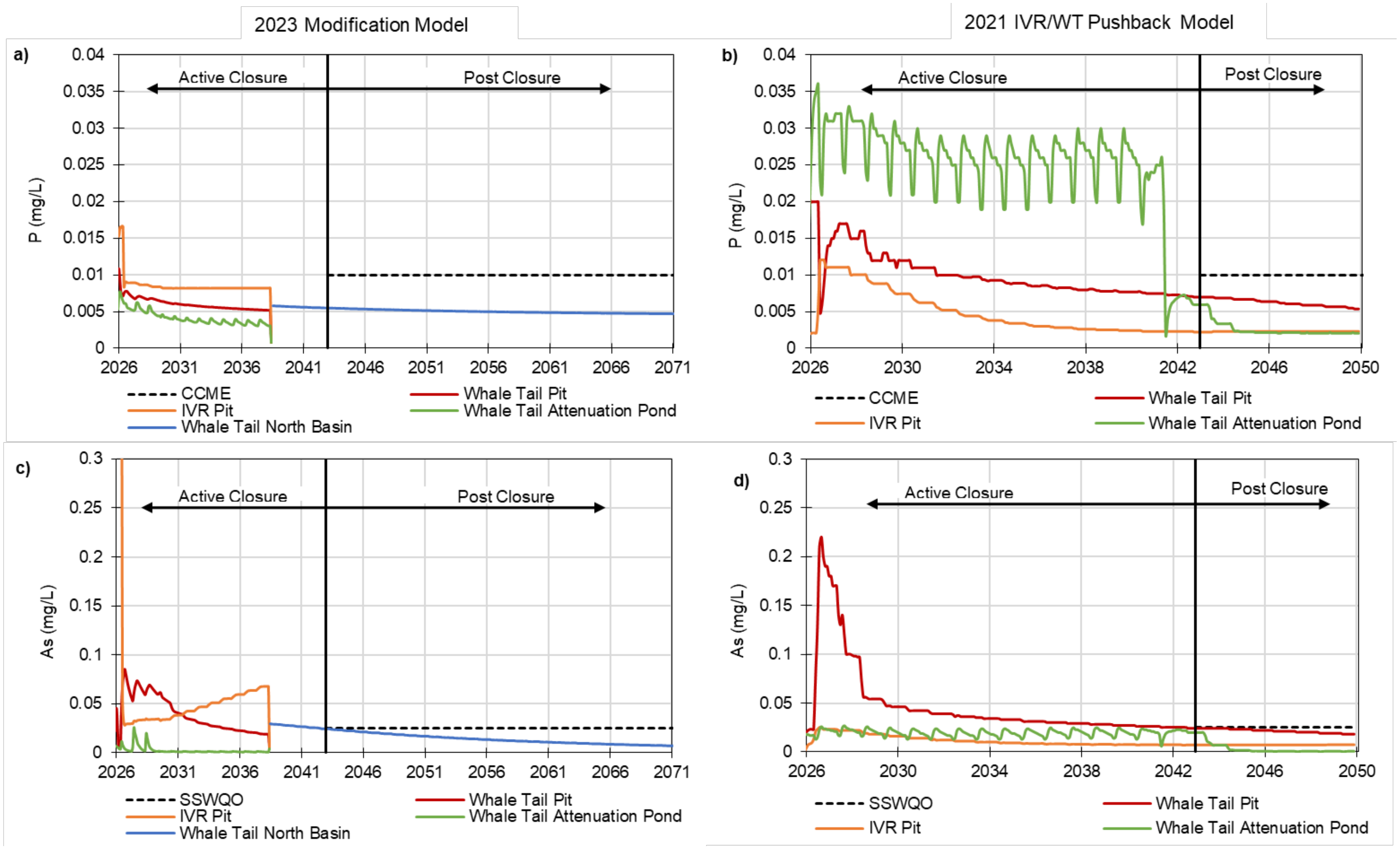

Figure 4-3: Projected phosphorus (P) and arsenic (As) concentrations for pit lakes and the Whale Tail Attenuation Pond during active closure and post-closure in the 2023 Modification model (a, c) as compared to the 2021 IVR/WT Pushback model (b, d). The Whale Tail North Basin is comprised of the WT Pit, IVR Pit, and WT Attenuation Pond from June 2038 onwards (a, c).

The WT Attenuation Pond shows seasonal peaks in Phosphorus and Arsenic concentrations in early Active Closure due to pumping from IVR Attenuation Pond during this period. After 2028 when IVR Attenuation Pond is backfilled, concentrations in Whale Tail Attenuation Pond remain relatively low and constant, with inflows being dominated by Whale Tail Dike Seepage.

The 2023 Modification model shows relatively low Arsenic concentrations in WT Pit and elevated Arsenic concentrations in IVR Pit in early Active Closure. Lower WT Pit Arsenic concentrations are due to larger volumes of Whale Tail Dike seepage flows entering the pit via spillover from the WT Attenuation Pond, effectively diluting Arsenic loadings from pit wall runoff. The influence of Whale Tail Dike Seepage is less pronounced once active filling of the WT Pit starts in 2029, at which point model results converge. Elevated IVR Pit Arsenic concentrations are due to the updated IVR pit- WT Pit wall elevation used in this model iteration (136.5m vs. 149.3 m in previous model).

The 2023 Modification model shows lower Phosphorus concentrations compared to the 2021 IVR/WT Pushback. This is due to introduction of Phosphorus solubility caps, as described in Section 2.4.

4.2.2 Receiving Environment and Downstream Lakes

The 2023 Modification model results show an improvement in water quality in the Whale Tail South Basin, Kangislulik Lake, and downstream lakes as mine discharges cease at the end of Operations (Figure 4-4). An increase in Arsenic concentrations is predicted at the beginning of Post Closure in Kangislulik Lake and its immediate downstream lake (Lake A15) (Figure 4-4c) due to overflows from the flooded Whale Tail North Basin starting in September 2042. However, the impact of Arsenic loadings from flooded pit lakes on the receiving environment is expected to be short-lived. For the remainder of the model horizon (up to 2070 in the 2023 Modification model), Arsenic concentrations are expected to decrease as non-contact flows from surrounding catchments report to the lakes. Overall, Phosphorus and Arsenic predictions for the receiving environment and downstream lakes are below their respective guidelines during Post-Closure (Figure 4-4).

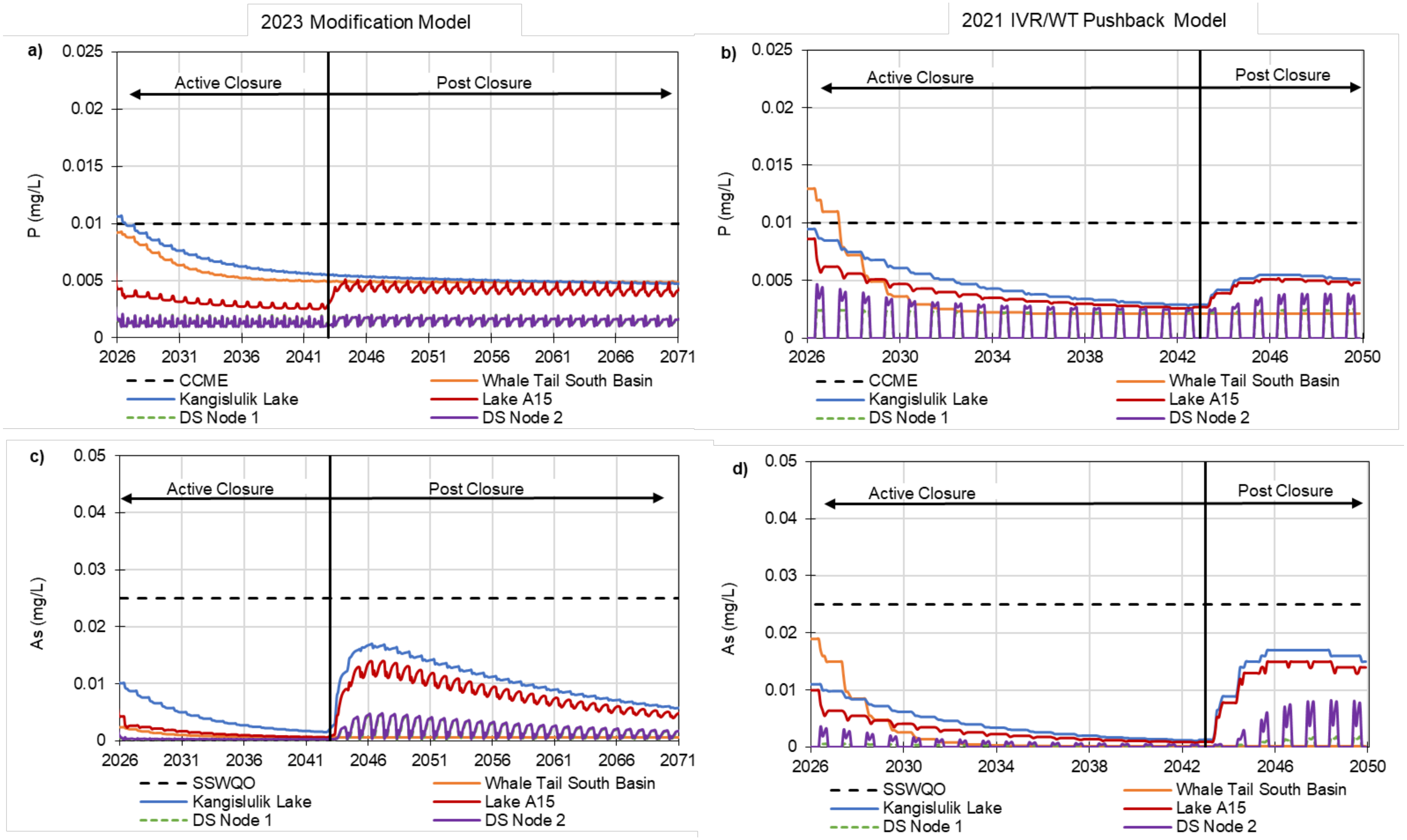

Figure 4-4: **Projected phosphorus (P) and arsenic (As) concentrations for the receiving environment during active closure and post-closure in the 2023 Modification model (a, c) as compared to the 2021 IVR/WT Pushback model (b, d).**

5. Summary

5. Summary

A water balance and water quality model was constructed to predict the movement of water and water quality for the 2023 Modification during Operations, Active Closure and Post Closure. The model operates on a daily time-step for a 51-year period from 2020 to 2070. The mine plan is replicated on an annual basis, with subcatchment areas and mine facility footprints reflective of the 2023 Modification mine schedule and mine site layout.

Similar to the 2021 model, the Modification results show that all parameters are below their respective guidelines in the receiving lakes during Operations, with the minor exception of P. Once effluent discharge ceases in Active Closure, Phosphorus concentrations are expected to decrease and remain below the CCME guideline in the receiving environment and downstream lakes. All other parameters are expected to meet their respective guidelines throughout closure.

6. Closure

6. Closure

We trust that this report meets your requirements at this time. Please contact us should you have any questions or concerns or require additional information in support of this work.

Yours sincerely,

LORAX ENVIRONMENTAL SERVICES LTD.

Prepared by:

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Geochemist

PERMIT TO PRACTICE
LORAX ENVIRONMENTAL SERVICES LTD.
Signature
Date June 8, 2023
PERMIT NUMBER: P 1487
NT/NU Association of Professional Engineers and Geoscientists

Reviewed by:

David Flather

David Flather, M.Sc.
Principal Scientist

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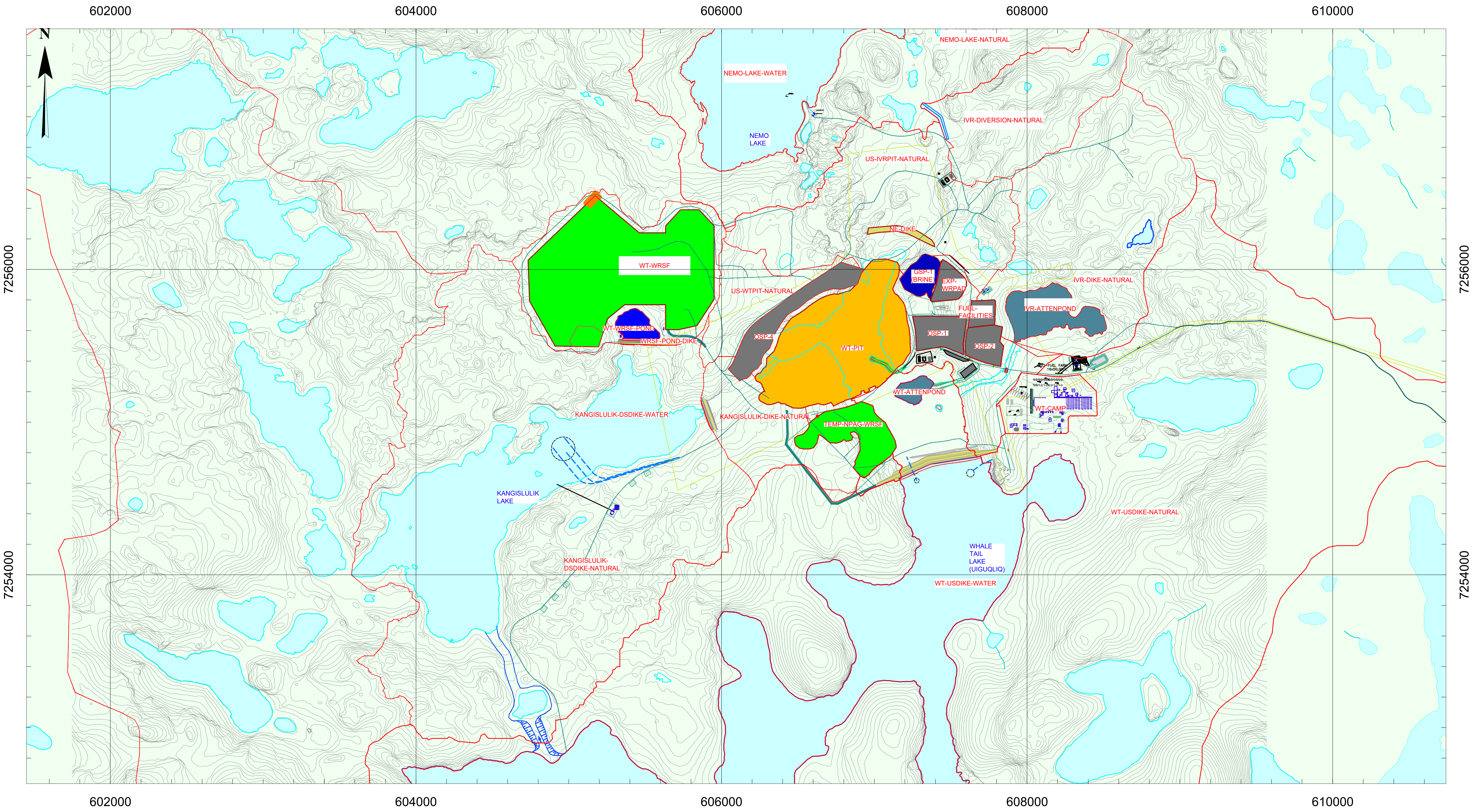
Appendix A:
Whale Tail Mine Modification
Annual Layouts

AGNICO EAGLE



LEGEND

🟥	WATER BALANCE CATCHMENT	▨	CONTACT WATER POND	▨	DIKE
🟩	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	🟧	OPEN PIT
—	EXISTING GROUND	▨	WATERBODY (NATURAL)	🟩	WASTE ROCK STORAGE FACILITY
—	HAUL ROAD	▨	BACKFILL		
—	ROAD, SALT PROTECTION	▨	STOCKPILE		
- - -	SERVICE ROAD				
—	WATERCOURSE				
- - -	PIPE LINE				
—	DIVERSION CHANNEL				

DATE SAVED:	Mar 22, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2022Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - 2020

PROJECT #: A634-5

FIGURE: A.1

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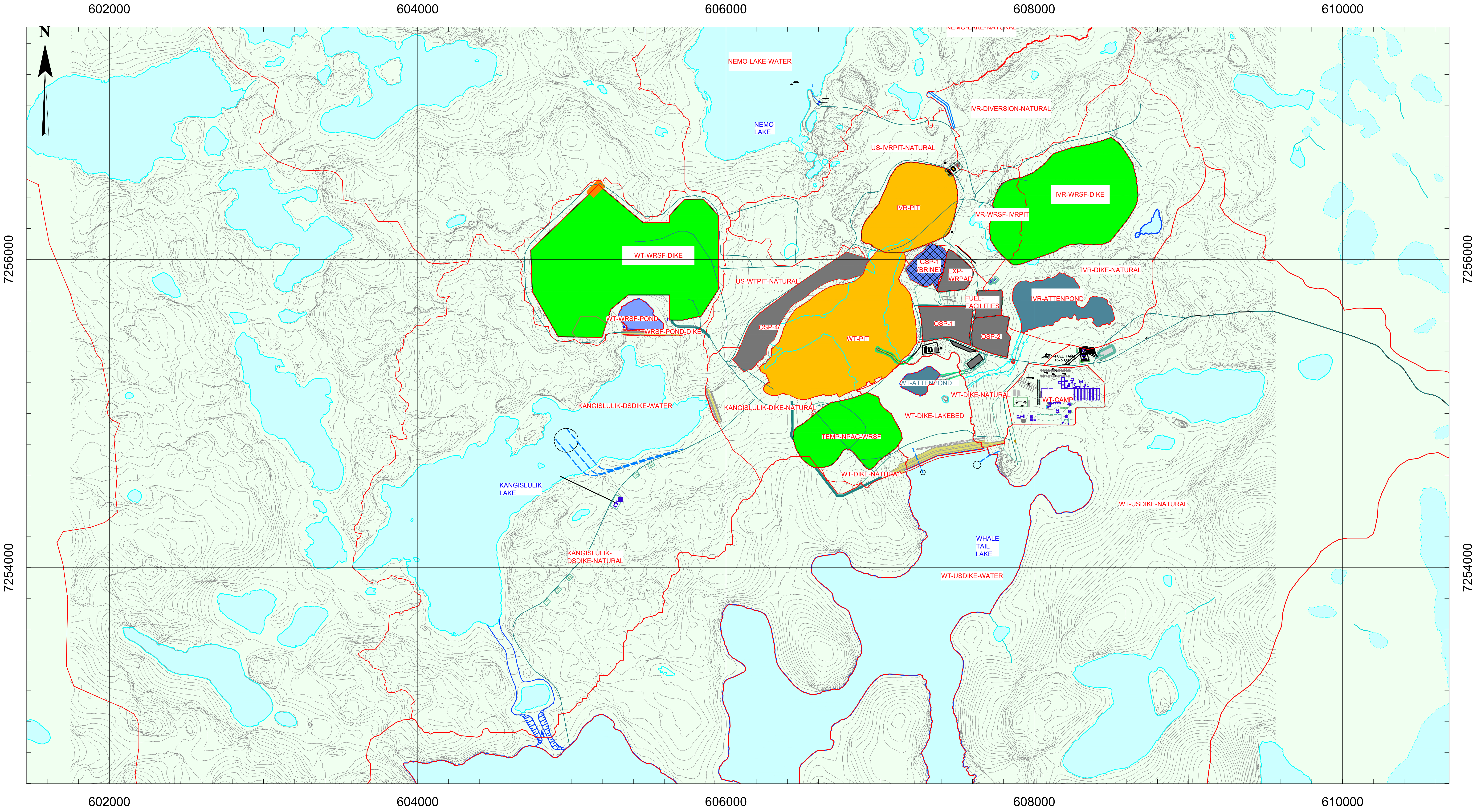

LEGEND

🟥	WATER BALANCE CATCHMENT	▬	CONTACT WATER POND	▬	DIKE
▬	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	▬	OPEN PIT
—	EXISTING GROUND	▬	WATERBODY (NATURAL)	🟩	WASTE ROCK STORAGE FACILITY
—	HAUL ROAD	▬	BACKFILL		
—	ROAD, SALT PROTECTION	▬	STOCKPILE		
- - -	SERVICE ROAD				
—	WATERCOURSE				
- - -	PIPE LINE				
—	DIVERSION CHANNEL				

DATE SAVED:	Mar 22, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2022Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE

LORAX
ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - 2021

PROJECT #: A634-5

FIGURE: A.2

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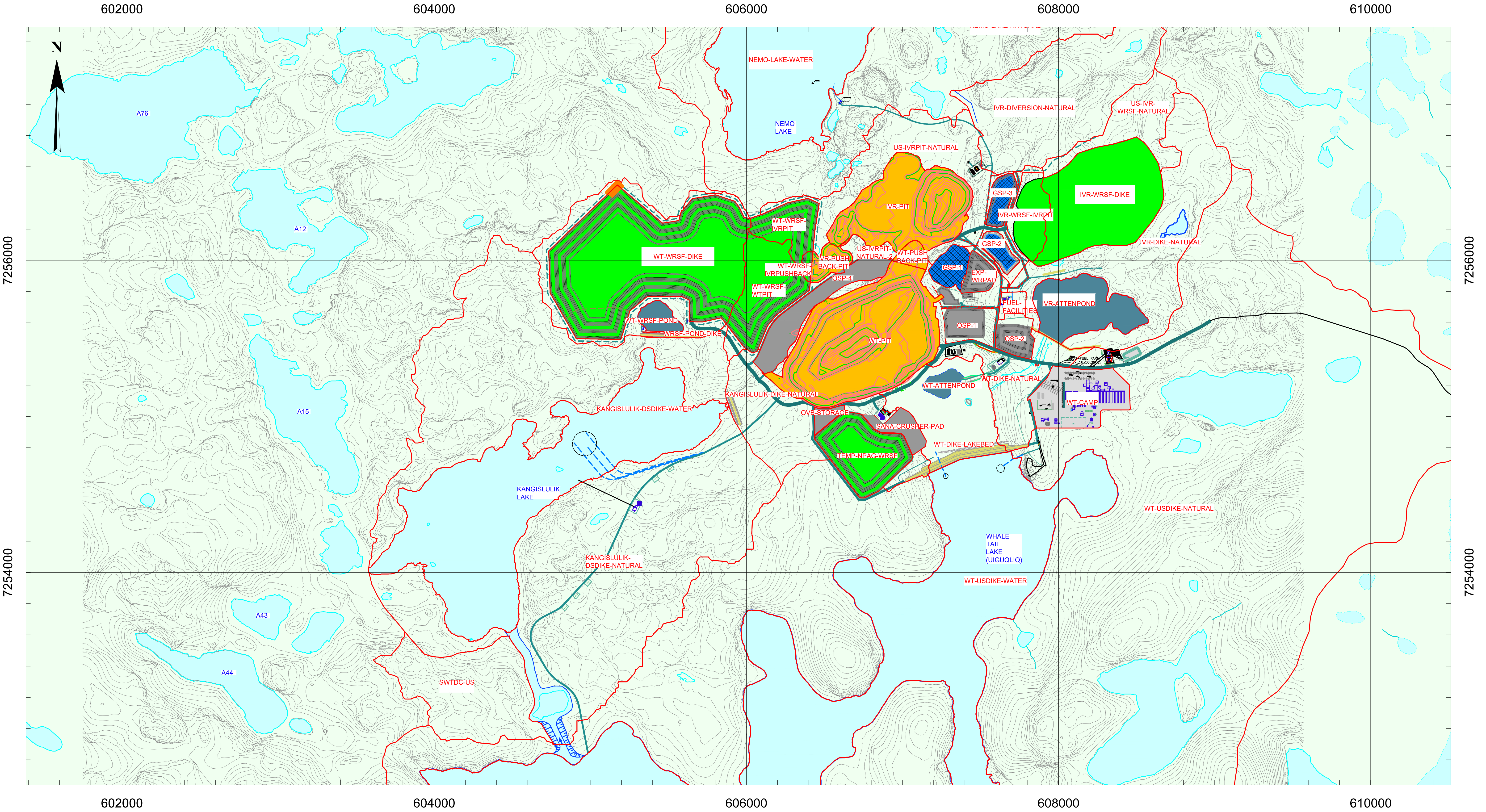

LEGEND

▬	WATER BALANCE CATCHMENT	▬	CONTACT WATER POND	▬	DIKE
▬	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	▬	OPEN PIT
▬	EXISTING GROUND	▬	WATERBODY (NATURAL)	🟩	WASTE ROCK STORAGE FACILITY
▬	HAUL ROAD	▬	BACKFILL		
▬	ROAD, SALT PROTECTION	▬	STOCKPILE		
- - -	SERVICE ROAD				
▬	WATERCOURSE				
- - -	PIPE LINE				
▬	DIVERSION CHANNEL				

DATE SAVED:	Mar 24, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2022Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - 2022

PROJECT #: A634-5

FIGURE: A.3

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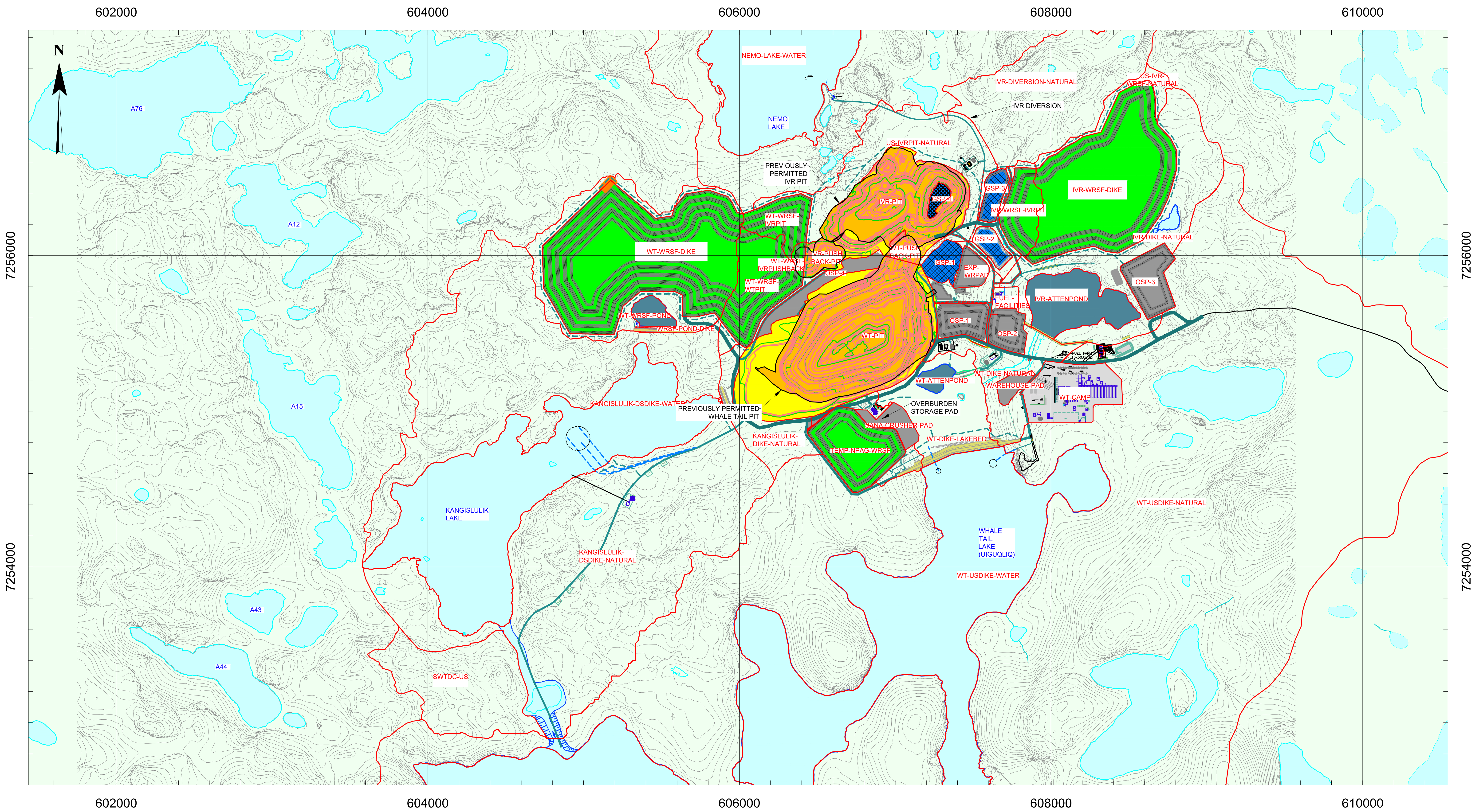

LEGEND

🟥	WATER BALANCE CATCHMENT	▇	CONTACT WATER POND	▇	DIKE
🟩	MAJOR AND MINOR CONTOURS FOR PITS	▨	SALINE POND	🟧	OPEN PIT (PREVIOUSLY PERMITTED)
—	EXISTING GROUND	▇	WATERBODY (NATURAL)	🟨	OPEN PIT (MODIFICATION)
—	HAUL ROAD	🟫	BACKFILL	🟩	WASTE ROCK STORAGE FACILITY
—	ROAD, SALT PROTECTION	▇	STOCKPILE		
- - -	SERVICE ROAD				
—	WATERCOURSE				
- - -	PIPE LINE				
—	DIVERSION CHANNEL				

DATE SAVED:	Mar 22, 2023
DRAWN BY:	GM
REVIEWED:	SJ
VERSION:	1

Original Drawing:
Drawing Number 2024Q4. *Amaruq Mine Site General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - 2023-2025

PROJECT #: A634-5

FIGURE: A.4

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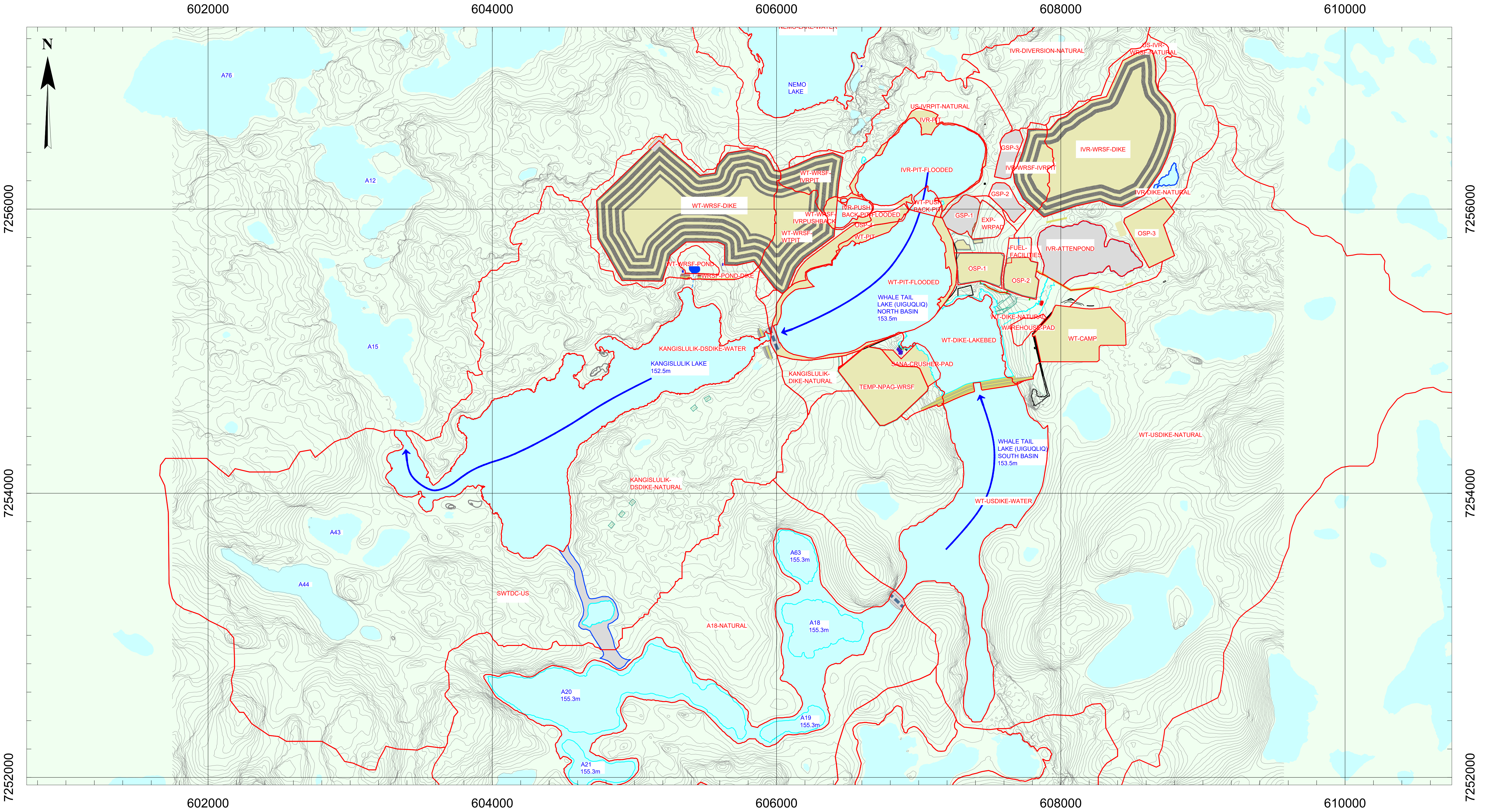

LEGEND

- WATER BALANCE CATCHMENT
- MAJOR AND MINOR CONTOURS FOR PITS
- EXISTING GROUND
- WATERCOURSE
- PIPE LINE
- DIVERSION CHANNEL
- BACKFILLED POND (NPAG)
- DIKE
- RECLAIMED MINE INFRASTRUCTURE
- WATERBODY (NATURAL)

DATE SAVED:	Mar 22, 2023
DRAWN BY:	DM
REVIEWED:	SJ
VERSION:	1

Notes:
1.Original Drawing:
Drawing Number 2042 POST CLOSURE. *Amaruq MineSite General Arrangement.*
Produced May 2, 2019 by Agnico Eagle.
2. Whale Tail WRSF extension design provided by Okane Consultants

CLIENT:
AGNICO EAGLE
LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification
WBWQM Report

TITLE:
Whale Tail Modification
Annual Layout - Post-Closure

PROJECT #: A634-5

FIGURE: A.5

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Appendix B:
Whale Tail Mine Modification Flow Diagrams

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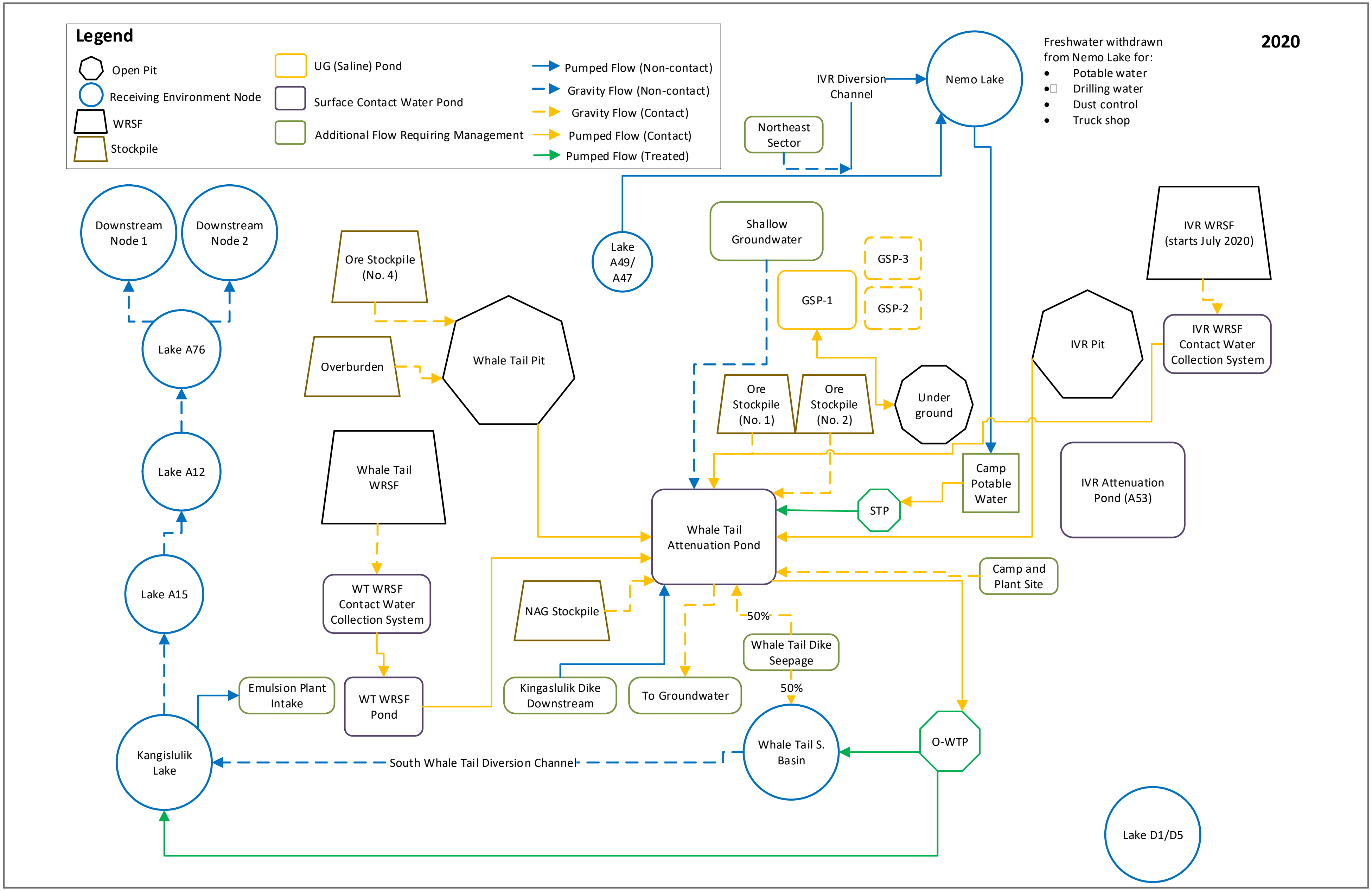

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REVIEWED:	SJ
VERSION:	1

CLIENT:

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LORAX ENVIRONMENTAL

PROJECT:

WT Mine Modification
WBWQM Report

TITLE:

Whale Tail Mine Modification
Flow Diagram - 2020

PROJECT #: A634-5

FIGURE: B.1

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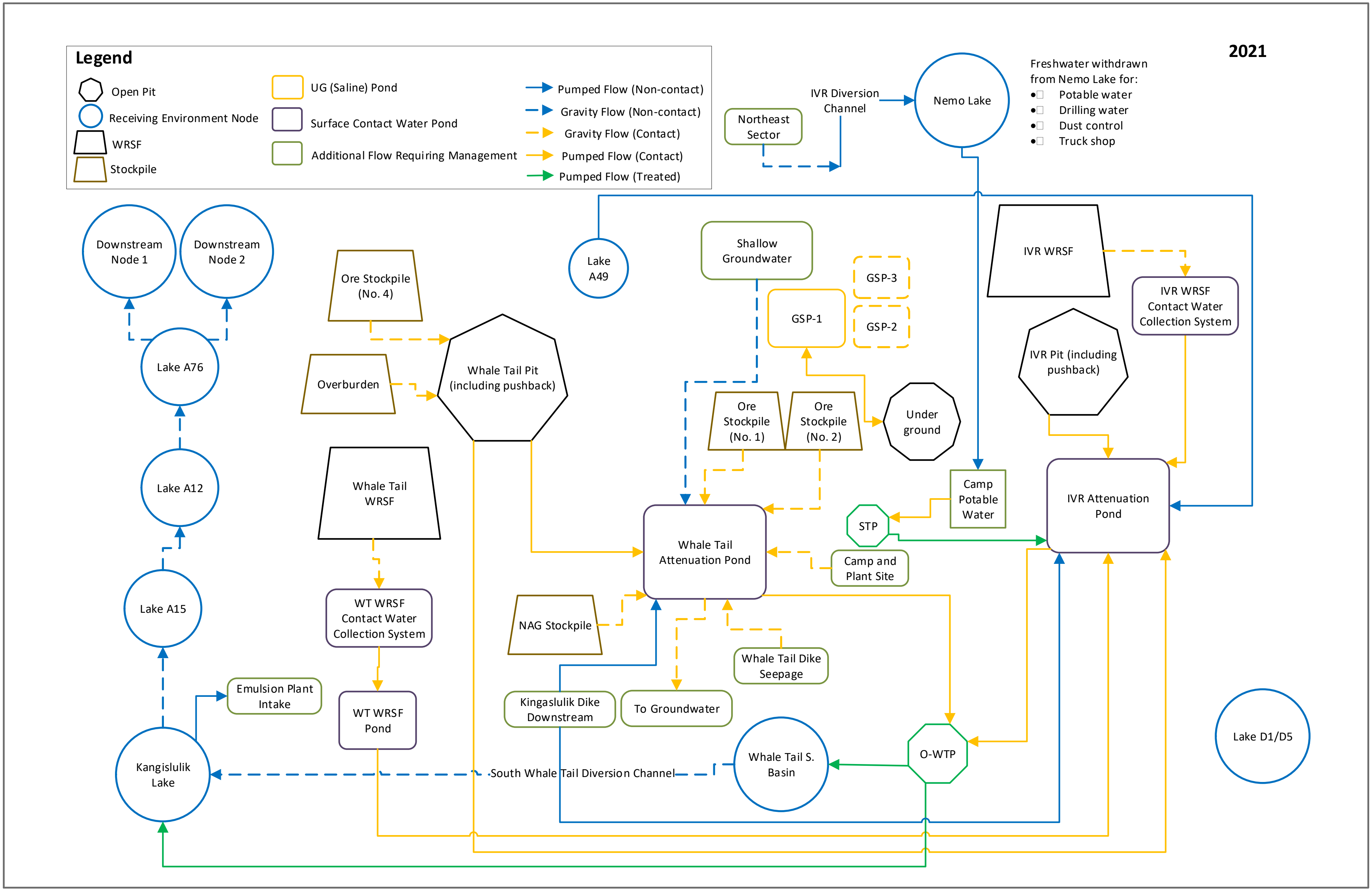

DATE SAVED: Mar 22, 2023
DRAWN BY: GM
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VERSION: 1

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LORAX ENVIRONMENTAL

PROJECT:
WT Mine Modification WBWQM Report

TITLE:
Whale Tail Mine Modification Flow Diagram - 2021

PROJECT #: A634-5
FIGURE: B.2

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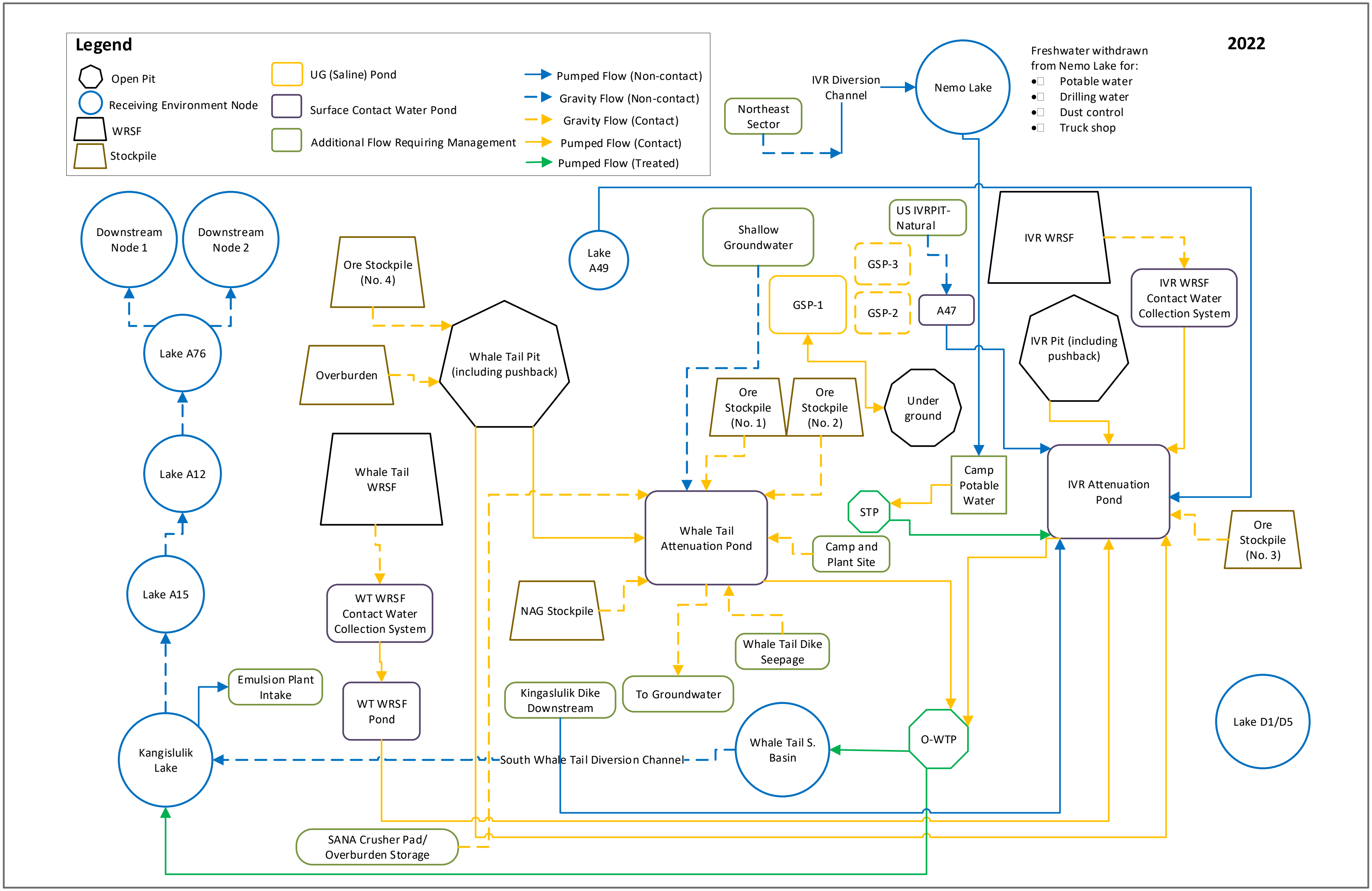

DATE SAVED:	Mar 22, 2023
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REVIEWED:	SJ
VERSION:	1

CLIENT:

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LORAX ENVIRONMENTAL

PROJECT:

WT Mine Modification WBWQM Report

TITLE:

Whale Tail Mine Modification
Flow Diagram - 2022

PROJECT #: A634-5

FIGURE: B.3

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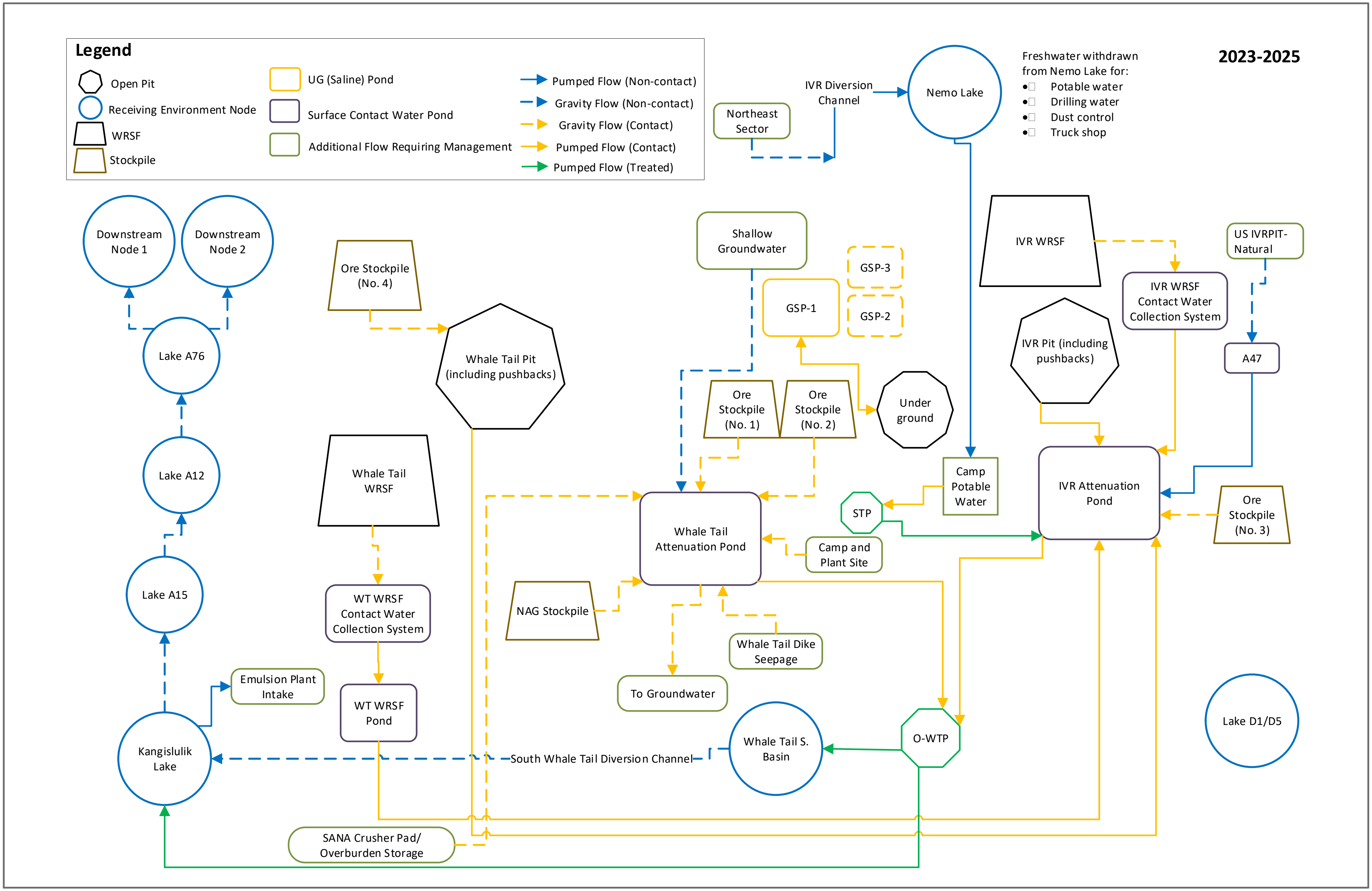

CLIENT:

AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:

WT Mine Modification
WBWQM Report

TITLE:

Whale Tail Mine Modification
Flow Diagram - 2023-25

PROJECT #: A634-5

FIGURE: B.4

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VERSION:	1

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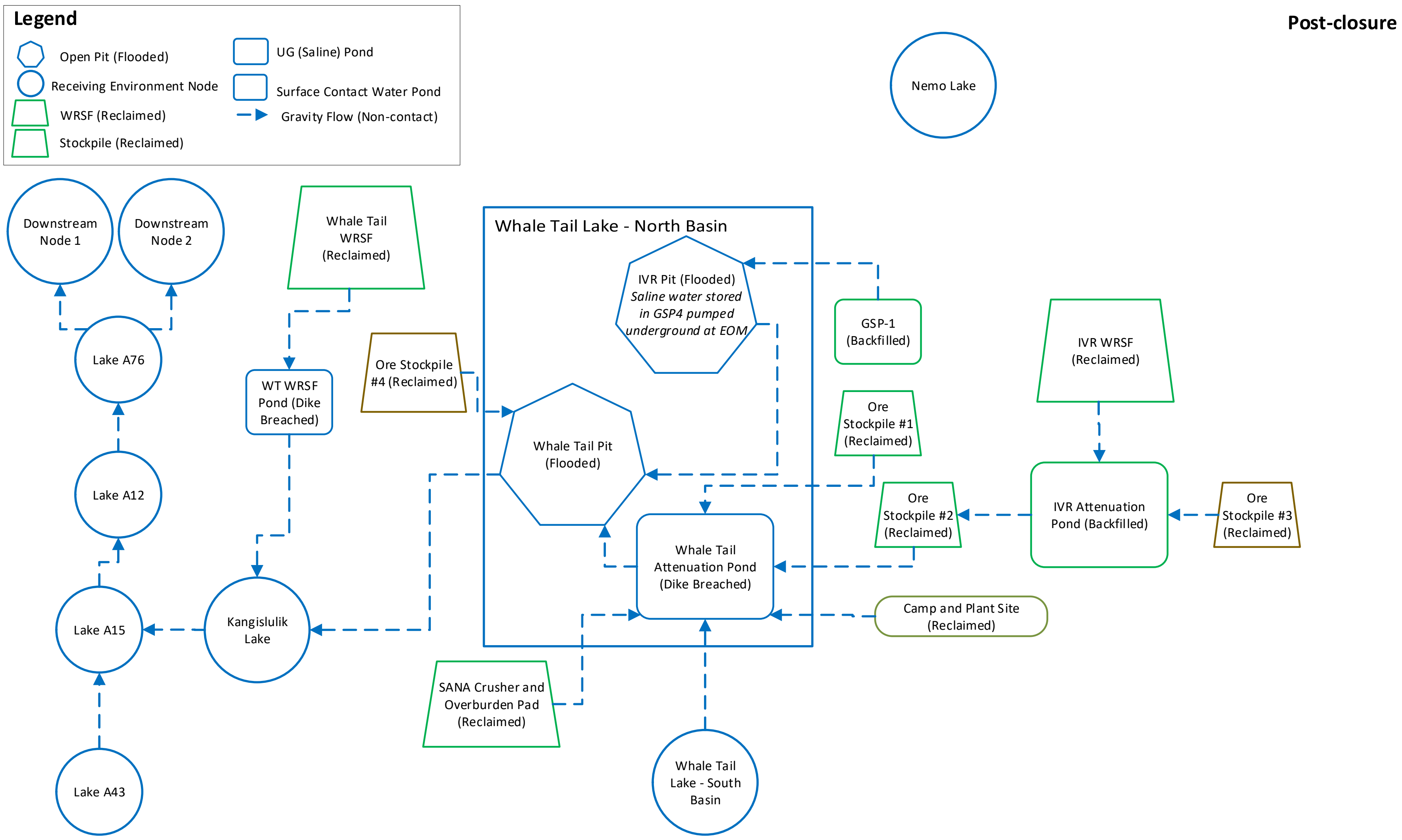

DATE SAVED:	Mar 22, 2023
DRAWN BY:	GM
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VERSION:	1

CLIENT: AGNICO EAGLE

LORAX ENVIRONMENTAL

PROJECT:

WT Mine Modification
WBWQM Report

TITLE: Whale Tail Mine Modification
Flow Diagram - Post-Closure

PROJECT #: A634-5

FIGURE: B.5

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Appendix C:
Water Quality Model Results

AGNICO EAGLE

Appendix C1: End of Pipe Discharge to WTS Lake

Constituents	**Total Dissolved Solids**	**Ammonia**	**Nitrate**	**Nitrite**	**Chloride**	**Fluoride**	**Sulphate**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Lithium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	115	0.326	0.436	0.0132	28.1	0.125	37	0.0000133	0.00699	0.00225	0.0194	0.0488	0.000135	27.9	0.000011	0.000493	0.000541	0.000887	0.154	0.00000889	3.45	0.00413	5.33	0.182	0.00579	4.1	0.00569	0.0131	0.000188	0.000482	0.000292	0.18	0.00000767	0.000722	0.0039	0.0037
Operation (2023 to 2025): Average	122	0.426	0.657	0.024	30.6	0.13	40.8	0.0000149	0.0111	0.00525	0.0212	0.0514	0.000158	29.4	0.0000114	0.000532	0.000599	0.00107	0.189	0.0000101	3.82	0.00445	6.13	0.195	0.00624	4.55	0.01	0.0144	0.000194	0.000755	0.000334	0.192	0.0000092	0.000804	0.00406	0.00416
Operation (2023 to 2025): Max	150	0.732	1.5	0.0667	31.7	0.141	55.6	0.0000209	0.0251	0.0183	0.0235	0.0538	0.00017	35.9	0.000013	0.000653	0.000622	0.00175	0.208	0.0000144	5.35	0.00459	9.31	0.219	0.00769	4.77	0.026	0.0153	0.000198	0.00209	0.000519	0.199	0.0000153	0.00111	0.00425	0.00597
NWB Water License/MDMER (End-of-Pipe)	***1400***	***16***	-	-	-	-	-	-	***0.5***	***0.1***	-	-	-	-	***0.002***	-	***0.02***	***0.1***	***1***	***0.004***	-	-	-	-	-	-	***0.25***	***0.3***	***0.05***	-	-	-	-	-	-	***0.1***
Model Predictions (2023-2025)																																				
2023 Jan	124	0.37	0.576	0.0213	31.3	0.125	41.9	0.0000142	0.00867	0.00691	0.0205	0.0502	0.00017	29.3	0.0000115	0.000509	0.000609	0.00097	0.191	0.00000945	3.6	0.0045	6.02	0.183	0.00636	4.55	0.0131	0.0153	0.000198	0.000671	0.000329	0.192	0.00000826	0.000766	0.00397	0.00413
2023 Feb	122	0.36	0.491	0.0168	31.7	0.129	40.2	0.0000135	0.00742	0.00444	0.0194	0.0526	0.000166	29	0.0000111	0.000531	0.00062	0.000906	0.208	0.00000903	3.49	0.00459	5.76	0.187	0.00641	4.76	0.00916	0.015	0.000195	0.000558	0.000307	0.193	0.00000785	0.000733	0.00403	0.00384
2023 Mar	120	0.346	0.455	0.0148	31.5	0.129	39.1	0.0000133	0.00699	0.00334	0.0196	0.0526	0.000165	28.7	0.000011	0.000526	0.000621	0.000887	0.208	0.00000889	3.45	0.00458	5.59	0.186	0.00628	4.77	0.00746	0.0149	0.000195	0.000508	0.000299	0.194	0.00000767	0.000722	0.00405	0.00373
2023 Apr	119	0.339	0.449	0.0145	31.3	0.129	38.5	0.0000134	0.007	0.00298	0.0202	0.0522	0.000164	28.5	0.000011	0.000516	0.000621	0.000893	0.205	0.00000891	3.46	0.00454	5.53	0.184	0.00616	4.74	0.00677	0.0148	0.000195	0.000499	0.000297	0.196	0.00000767	0.000724	0.00407	0.00373
2023 May	119	0.34	0.456	0.0148	31.2	0.129	38.5	0.0000135	0.00718	0.00295	0.0207	0.0522	0.000165	28.6	0.0000111	0.000513	0.000622	0.000907	0.203	0.000009	3.49	0.00454	5.55	0.184	0.00612	4.74	0.00662	0.0148	0.000196	0.000508	0.000298	0.197	0.00000774	0.000732	0.0041	0.00376
2023 Jun																																				
2023 Jul																																				
2023 Aug																																				
2023 Sep																																				
2023 Oct	150	0.732	1.5	0.0667	31.7	0.141	55.6	0.0000203	0.0241	0.0183	0.0222	0.0538	0.000138	35.9	0.000013	0.000653	0.000547	0.00174	0.163	0.0000141	5.32	0.00449	9.31	0.219	0.00769	4.27	0.026	0.0138	0.000188	0.00209	0.000519	0.18	0.000015	0.0011	0.00423	0.0059
2023 Nov	130	0.548	0.938	0.0365	30.8	0.133	45	0.0000175	0.0163	0.00934	0.0214	0.0521	0.00015	31.4	0.000012	0.000589	0.000578	0.00129	0.179	0.0000117	4.41	0.00446	7.04	0.213	0.00658	4.44	0.015	0.0141	0.000193	0.00128	0.000401	0.186	0.0000117	0.000907	0.00409	0.00472
2023 Dec	121	0.436	0.647	0.0223	30.6	0.13	40.2	0.0000155	0.0114	0.00505	0.021	0.0514	0.000157	29.3	0.0000114	0.000545	0.000598	0.00106	0.189	0.0000102	3.88	0.00446	6	0.201	0.00612	4.55	0.00957	0.0144	0.000194	0.000818	0.000339	0.19	0.00000958	0.000803	0.00404	0.00411
2024 Jan	118	0.381	0.53	0.017	30.5	0.128	38.4	0.0000146	0.00927	0.00344	0.0211	0.0511	0.000161	28.5	0.0000112	0.000521	0.000606	0.000973	0.193	0.00000957	3.65	0.00445	5.61	0.193	0.00595	4.59	0.0074	0.0144	0.000195	0.000633	0.000314	0.193	0.00000864	0.00076	0.00404	0.00388
2024 Feb	116	0.352	0.477	0.0148	30.4	0.127	37.6	0.0000141	0.00822	0.00274	0.0213	0.0508	0.000162	28.1	0.0000111	0.000507	0.000609	0.000935	0.193	0.00000926	3.55	0.00444	5.44	0.188	0.00586	4.6	0.00642	0.0144	0.000196	0.000551	0.000301	0.195	0.00000819	0.000741	0.00406	0.00378
2024 Mar	116	0.337	0.45	0.0137	30.4	0.126	37.3	0.0000139	0.00764	0.0024	0.0213	0.0508	0.000163	28	0.000011	0.000501	0.000612	0.000914	0.194	0.00000909	3.5	0.00444	5.36	0.185	0.00584	4.62	0.00595	0.0145	0.000196	0.00051	0.000296	0.196	0.00000793	0.000731	0.00406	0.00373
2024 Apr	115	0.326	0.438	0.0132	30.3	0.126	37	0.0000138	0.00736	0.00225	0.0217	0.0506	0.000163	27.9	0.000011	0.000493	0.000613	0.00091	0.193	0.00000902	3.48	0.00442	5.33	0.182	0.00579	4.61	0.00569	0.0144	0.000196	0.000489	0.000292	0.198	0.00000783	0.000728	0.00409	0.00372
2024 May	117	0.331	0.436	0.0133	30.9	0.127	37.7	0.0000136	0.00715	0.00225	0.021	0.0515	0.000165	28.2	0.0000111	0.000504	0.00062	0.000902	0.199	0.00000899	3.47	0.0045	5.4	0.184	0.00593	4.68	0.00578	0.0147	0.000196	0.000482	0.000297	0.198	0.00000774	0.000728	0.00408	0.0037
2024 Jun																																				
2024 Jul																																				
2024 Aug																																				
2024 Sep																																				
2024 Oct	146	0.725	1.49	0.0655	30.9	0.14	53.9	0.0000209	0.0251	0.0181	0.0235	0.0529	0.000135	35.3	0.0000127	0.000638	0.000541	0.00175	0.154	0.0000144	5.35	0.0044	9.1	0.219	0.00746	4.21	0.0255	0.0133	0.000189	0.00187	0.000507	0.182	0.0000153	0.00111	0.00425	0.00597
2024 Nov	132	0.556	0.971	0.0384	31	0.134	45.8	0.0000176	0.0169	0.00993	0.0212	0.0526	0.00015	31.7	0.0000119	0.000596	0.000579	0.00132	0.18	0.0000119	4.46	0.0045	7.18	0.212	0.00671	4.46	0.0157	0.0142	0.000192	0.00122	0.00041	0.185	0.0000119	0.000923	0.0041	0.00479
2024 Dec	122	0.441	0.664	0.0232	30.7	0.13	40.6	0.0000156	0.0118	0.00534	0.021	0.0516	0.000157	29.4	0.0000114	0.000548	0.000597	0.00108	0.189	0.0000103	3.91	0.00447	6.06	0.201	0.00617	4.55	0.00992	0.0144	0.000194	0.000798	0.000343	0.19	0.00000973	0.000811	0.00405	0.00415
2025 Jan	118	0.384	0.54	0.0175	30.5	0.128	38.6	0.0000146	0.00949	0.0036	0.0211	0.0512	0.00016	28.6	0.0000112	0.000523	0.000605	0.000982	0.192	0.00000964	3.67	0.00445	5.64	0.193	0.00597	4.59	0.0076	0.0144	0.000195	0.000626	0.000316	0.193	0.00000873	0.000765	0.00405	0.0039
2025 Feb	116	0.354	0.484	0.0151	30.4	0.127	37.7	0.0000142	0.00838	0.00285	0.0213	0.0509	0.000161	28.2	0.0000111	0.000508	0.000609	0.000941	0.193	0.00000931	3.57	0.00444	5.46	0.188	0.00587	4.6	0.00656	0.0144	0.000195	0.000549	0.000303	0.195	0.00000825	0.000745	0.00406	0.0038
2025 Mar	116	0.339	0.455	0.0139	30.4	0.127	37.4	0.0000139	0.00774	0.00248	0.0213	0.0509	0.000162	28	0.000011	0.000502	0.000612	0.000918	0.194	0.00000912	3.51	0.00444	5.38	0.185	0.00585	4.62	0.00605	0.0145	0.000196	0.00051	0.000297	0.196	0.00000798	0.000734	0.00406	0.00374
2025 Apr	115	0.328	0.442	0.0135	30.3	0.126	37	0.0000138	0.00745	0.00231	0.0217	0.0507	0.000163	27.9	0.000011	0.000494	0.000613	0.000913	0.193	0.00000905	3.49	0.00443	5.34	0.182	0.0058	4.61	0.00576	0.0144	0.000196	0.00049	0.000293	0.198	0.00000786	0.00073	0.00408	0.00373
2025 May	116	0.329	0.44	0.0135	30.6	0.127	37.4	0.0000138	0.0073	0.00227	0.0216	0.0511	0.000164	28.1	0.0000111	0.000498	0.000617	0.000911	0.196	0.00000904	3.49	0.00447	5.37	0.183	0.00587	4.65	0.00575	0.0146	0.000197	0.000483	0.000294	0.199	0.00000781	0.000731	0.0041	0.00373
2025 Jun																																				
2025 Jul																																				
2025 Aug																																				
2025 Sep																																				
2025 Oct	126	0.644	1.11	0.0476	28.1	0.135	44.3	0.0000144	0.0198	0.00617	0.0224	0.0488	0.00014	30.3	0.0000116	0.000513	0.000549	0.00141	0.16	0.0000124	4.2	0.00413	7.56	0.212	0.00668	4.1	0.0154	0.0131	0.000188	0.000818	0.000345	0.181	0.0000103	0.000963	0.0039	0.00505
2025 Nov	121	0.512	0.766	0.0292	29.7	0.131	40.8	0.0000137	0.0137	0.00396	0.0205	0.0506	0.000153	29.2	0.0000113	0.000522	0.000583	0.00113	0.184	0.0000107	3.79	0.00435	6.4	0.207	0.00632	4.41	0.0102	0.0141	0.000192	0.000632	0.000323	0.185	0.00000893	0.00084	0.00391	0.00428
2025 Dec	117	0.417	0.563	0.0188	30	0.128	38.1	0.0000134	0.01	0.00269	0.0207	0.0507	0.000159	28.3	0.000011	0.000508	0.0006	0.000979	0.191	0.00000963	3.57	0.00439	5.69	0.198	0.00598	4.53	0.00716	0.0143	0.000194	0.000522	0.000302	0.19	0.00000814	0.000768	0.00397	0.00389

Appendix C2: End of Pipe Discharge to Kangislulik Lake

Constituents	**Total Dissolved Solids**	**Ammonia**	**Nitrate**	**Nitrite**	**Chloride**	**Fluoride**	**Sulphate**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Lithium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	119	0.342	0.459	0.0145	30	0.129	38.7	0.0000134	0.00733	0.00257	0.0198	0.0518	0.00011	28.7	0.0000112	0.000516	0.000467	0.000913	0.125	0.00000911	3.51	0.00427	5.53	0.186	0.00609	3.72	0.00618	0.0126	0.000165	0.000501	0.000305	0.161	0.00000776	0.00074	0.00386	0.00374
Operation (2023 to 2025): Average	173	0.953	2.03	0.104	34	0.15	67.5	0.0000191	0.027	0.0268	0.0213	0.0567	0.000135	41.3	0.0000133	0.000662	0.000536	0.00208	0.162	0.0000149	5.6	0.00452	12	0.22	0.00931	4.25	0.0362	0.0142	0.000178	0.00212	0.000583	0.175	0.0000152	0.00119	0.00422	0.00683
Operation (2023 to 2025): Max	211	1.33	2.85	0.151	37.7	0.163	87.2	0.0000249	0.0453	0.0442	0.0237	0.0615	0.000168	50.1	0.0000149	0.000791	0.000629	0.00277	0.21	0.0000219	7.21	0.00471	16.1	0.264	0.0114	4.82	0.0557	0.0152	0.000198	0.00373	0.000808	0.198	0.0000219	0.00166	0.00456	0.00885
NWB Water License/MDMER (End-of-Pipe)	***1400***	***16***	-	-	-	-	-	-	***0.5***	***0.1***	-	-	-	-	***0.002***	-	***0.02***	***0.1***	***1***	***0.004***	-	-	-	-	-	-	***0.25***	***0.3***	***0.05***	-	-	-	-	-	-	***0.1***
Model Predictions (2023-2025)																																				
2023 Jan																																				
2023 Feb																																				
2023 Mar																																				
2023 Apr																																				
2023 May	122	0.354	0.475	0.0157	32	0.131	39.7	0.0000134	0.00733	0.00319	0.0198	0.0534	0.000168	29.1	0.0000112	0.00053	0.000629	0.000913	0.21	0.00000911	3.51	0.00464	5.69	0.188	0.00632	4.82	0.00694	0.0152	0.000197	0.000522	0.00031	0.196	0.00000776	0.000742	0.00409	0.00376
2023 Jun	198	1.23	2.82	0.149	34.7	0.163	80.5	0.000019	0.0386	0.042	0.0224	0.0571	0.00011	47.2	0.0000143	0.000668	0.000467	0.00277	0.125	0.0000188	6.64	0.00428	15.3	0.219	0.0107	3.72	0.0504	0.0126	0.000165	0.00283	0.000701	0.161	0.000018	0.00151	0.00423	0.00885
2023 Jul	211	1.33	2.85	0.151	36.6	0.162	87.2	0.0000237	0.0346	0.0436	0.0211	0.0615	0.000119	50.1	0.0000148	0.000791	0.000497	0.00271	0.145	0.0000169	6.98	0.00462	16.1	0.264	0.0114	4.14	0.0557	0.0142	0.000166	0.00373	0.000808	0.164	0.00002	0.00137	0.00443	0.00834
2023 Aug	210	1.23	2.73	0.151	37.7	0.159	86.2	0.0000214	0.0296	0.0442	0.0215	0.0609	0.000127	50.1	0.0000142	0.000722	0.000518	0.00258	0.154	0.0000152	6.4	0.00457	15.9	0.233	0.0114	4.23	0.0535	0.0144	0.000171	0.00307	0.00073	0.172	0.0000173	0.00126	0.00439	0.0081
2023 Sep	197	1.1	2.55	0.133	35.8	0.155	80.5	0.0000235	0.0315	0.0386	0.0221	0.0597	0.000127	47	0.0000145	0.00075	0.000517	0.00248	0.151	0.000016	6.53	0.00464	14.5	0.226	0.0106	4.21	0.0491	0.0142	0.000173	0.00338	0.000748	0.173	0.0000189	0.0013	0.00452	0.00778
2023 Oct	160	0.775	1.65	0.0751	33.1	0.143	60.7	0.0000223	0.0249	0.0212	0.0214	0.0566	0.000141	38	0.0000135	0.000716	0.000556	0.00183	0.171	0.0000143	5.61	0.00471	10.1	0.224	0.00832	4.42	0.0303	0.0145	0.000182	0.00257	0.000602	0.179	0.0000165	0.00112	0.0044	0.00604
2023 Nov																																				
2023 Dec																																				
2024 Jan																																				
2024 Feb																																				
2024 Mar																																				
2024 Apr																																				
2024 May	119	0.342	0.459	0.0145	31.5	0.129	38.7	0.0000136	0.00739	0.00264	0.0207	0.0524	0.000167	28.7	0.0000112	0.000516	0.000625	0.000917	0.204	0.00000912	3.51	0.00457	5.54	0.186	0.00609	4.74	0.0062	0.015	0.000197	0.000501	0.000305	0.198	0.00000781	0.00074	0.0041	0.00374
2024 Jun	184	1.09	2.44	0.127	34.1	0.157	73	0.0000176	0.0339	0.0357	0.0221	0.0557	0.000118	44	0.0000136	0.000627	0.000487	0.00247	0.135	0.0000173	6.06	0.00427	13.7	0.212	0.00988	3.84	0.0428	0.0128	0.000171	0.00222	0.000619	0.166	0.000016	0.00139	0.00413	0.00806
2024 Jul	196	1.2	2.46	0.131	35.9	0.158	78.9	0.00002	0.0303	0.0373	0.0207	0.0598	0.000127	46.7	0.0000137	0.000707	0.000517	0.00242	0.155	0.0000156	6.21	0.00453	14.5	0.253	0.0106	4.21	0.047	0.0143	0.000171	0.00257	0.000687	0.168	0.0000168	0.00127	0.00425	0.00767
2024 Aug	203	1.17	2.59	0.142	37.4	0.158	82.5	0.0000208	0.0291	0.0418	0.0215	0.0609	0.000129	48.6	0.0000137	0.000705	0.000526	0.00247	0.158	0.000015	6.24	0.00459	15.1	0.229	0.011	4.29	0.0499	0.0144	0.000174	0.00268	0.000714	0.175	0.0000169	0.00125	0.00442	0.00785
2024 Sep	196	1.08	2.55	0.132	35.7	0.155	79.7	0.0000239	0.033	0.0384	0.0225	0.0598	0.000126	46.6	0.0000142	0.00075	0.000516	0.00249	0.15	0.0000164	6.59	0.00465	14.3	0.222	0.0105	4.23	0.0488	0.0141	0.000174	0.00313	0.000752	0.174	0.0000194	0.00133	0.00456	0.00783
2024 Oct	163	0.811	1.8	0.0834	33	0.146	62.5	0.0000228	0.0278	0.0238	0.0223	0.0565	0.000136	38.9	0.0000134	0.000712	0.000544	0.00196	0.162	0.0000152	5.82	0.00465	10.6	0.22	0.00851	4.35	0.0327	0.0141	0.000182	0.00245	0.000613	0.179	0.0000173	0.00119	0.00442	0.00645
2024 Nov																																				
2024 Dec																																				
2025 Jan																																				
2025 Feb																																				
2025 Mar																																				
2025 Apr																																				
2025 May	120	0.345	0.461	0.0146	31.5	0.129	38.7	0.0000136	0.00749	0.00257	0.0205	0.0525	0.000168	28.7	0.0000112	0.00052	0.000626	0.000915	0.205	0.00000916	3.51	0.00459	5.53	0.187	0.0061	4.75	0.00618	0.015	0.000198	0.000501	0.000307	0.197	0.00000786	0.000742	0.00409	0.00374
2025 Jun	175	1.09	2.65	0.129	33.4	0.159	67.6	0.0000249	0.0453	0.0307	0.0237	0.0562	0.000115	41.8	0.0000149	0.000769	0.000483	0.00251	0.13	0.0000219	7.21	0.00459	11.9	0.216	0.00875	3.93	0.0396	0.0131	0.000176	0.00277	0.000663	0.166	0.0000219	0.00166	0.0043	0.00838
2025 Jul	182	1.22	2.42	0.134	36.2	0.157	70.2	0.0000181	0.0294	0.0312	0.02	0.0578	0.000133	43.7	0.0000132	0.00067	0.000527	0.00219	0.162	0.0000157	5.62	0.00447	12.7	0.249	0.00964	4.18	0.039	0.0147	0.000174	0.00164	0.000564	0.166	0.000015	0.00123	0.00395	0.00733
2025 Aug	177	1.09	2.22	0.125	33.4	0.154	70.5	0.0000163	0.0265	0.0225	0.0204	0.0557	0.000137	41.7	0.000013	0.000619	0.000538	0.00214	0.166	0.0000146	5.12	0.00441	12.9	0.221	0.0101	4.2	0.038	0.0146	0.000177	0.00142	0.000509	0.172	0.000013	0.00115	0.00394	0.00693
2025 Sep	162	0.955	1.97	0.104	30.2	0.149	64.6	0.0000151	0.027	0.0145	0.0207	0.0527	0.000135	37.9	0.0000127	0.000583	0.000529	0.00203	0.161	0.0000146	4.86	0.00428	11.9	0.209	0.0095	4.08	0.033	0.0139	0.000176	0.00128	0.000457	0.171	0.0000122	0.00114	0.00388	0.00651
2025 Oct	143	0.747	1.42	0.0686	30	0.142	53.6	0.0000142	0.0217	0.00909	0.0199	0.0518	0.000144	33.7	0.0000121	0.000561	0.000554	0.00162	0.174	0.0000131	4.36	0.00435	9.32	0.207	0.00806	4.23	0.0222	0.0141	0.000181	0.000974	0.000398	0.175	0.0000107	0.00102	0.00386	0.00548
2025 Nov																																				
2025 Dec																																				

Appendix C3: Whale Tail Pit

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0861	0.000055	34.5	0.000008	0.000992	0.000532	0.000668	0.283	0.0000075	3.72	0.00518	7.13	0.206	0.0112	6.17	0.00384	0.0109	0.000121	0.000559	0.000131	0.171	0.00000869	0.000576	0.0043	0.00375
Operation (2023 to 2025): Average	186	0.966	1.34	0.0832	41.5	0.209	71.2	0.0000118	0.00741	0.107	0.00596	0.0872	0.0000716	44.8	0.00000918	0.00101	0.000691	0.00148	0.392	0.00000837	4.34	0.00575	13.5	0.254	0.0148	7.3	0.0302	0.0114	0.000145	0.00108	0.000262	0.193	0.0000102	0.000665	0.00489	0.00545
Operation (2023 to 2025): Max	411	2.33	5.11	0.358	46.8	0.244	202	0.0000195	0.0225	0.515	0.00979	0.0911	0.000075	91.9	0.000014	0.00109	0.000725	0.00509	0.416	0.0000133	6.92	0.00586	42.4	0.264	0.0313	7.55	0.15	0.014	0.00015	0.00337	0.000841	0.198	0.0000166	0.00103	0.005	0.0128
Active Closure (2026 to May 2038): Min	92	0.152	0.19	0.0035	18.9	0.0596	22.2	0.00000855	0.00414	0.00589	0.005	0.0197	0.0000748	16.5	0.00000775	0.000182	0.000306	0.000668	0.0497	0.00000748	2.69	0.00349	3.82	0.0917	0.0017	1.55	0.00384	0.00519	0.0000998	0.000398	0.000131	0.0896	0.00000763	0.000575	0.00072	0.00289
Active Closure (2026 to May 2038): Avera	118	0.281	0.306	0.00582	22.1	0.0728	35.7	0.0000119	0.0245	0.0391	0.0107	0.0245	0.00322	22.5	0.0000101	0.000279	0.00037	0.0014	0.0583	0.0000115	3.41	0.00443	6.08	0.13	0.00318	1.83	0.0192	0.00606	0.000125	0.000752	0.000395	0.103	0.0000105	0.000821	0.00113	0.00386
Active Closure (2026 to May 2038): Max	167	0.632	0.746	0.0166	40.3	0.2	60.8	0.0000184	0.0357	0.0854	0.024	0.086	0.00907	34.4	0.0000139	0.000997	0.000723	0.00214	0.415	0.0000168	4.64	0.00669	10.9	0.263	0.0112	7.53	0.0371	0.0108	0.000167	0.0013	0.000594	0.198	0.0000153	0.00121	0.00498	0.00584
Model Predictions (2023-May 2038)																																				
2023 Jan	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2023 Feb	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2023 Mar	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2023 Apr	141	0.661	0.508	0.0221	40.5	0.201	44.9	0.0000101	0.00434	0.0304	0.00506	0.0863	0.0000746	35.4	0.00000809	0.000999	0.000722	0.000737	0.414	0.00000753	3.76	0.00585	7.69	0.263	0.0115	7.52	0.00613	0.0109	0.000149	0.000602	0.000142	0.198	0.00000875	0.000582	0.00499	0.00389
2023 May	153	0.731	0.702	0.0364	40.7	0.202	51.4	0.0000101	0.00487	0.0506	0.00521	0.0863	0.0000736	37.7	0.0000083	0.000994	0.000712	0.000918	0.407	0.00000759	3.88	0.00581	9.16	0.26	0.0124	7.45	0.0121	0.011	0.000148	0.000709	0.000171	0.197	0.00000887	0.000597	0.00495	0.00426
2023 Jun	411	2.33	5.11	0.358	46.8	0.244	202	0.0000186	0.0183	0.515	0.00979	0.091	0.000055	91.9	0.000014	0.00103	0.000532	0.00509	0.283	0.0000106	6.92	0.00518	42.4	0.206	0.0313	6.17	0.15	0.0132	0.000121	0.00337	0.000841	0.171	0.0000155	0.000958	0.0043	0.0128
2023 Jul	251	1.35	2.37	0.159	43.4	0.222	110	0.0000142	0.0101	0.228	0.00709	0.0895	0.0000682	58.7	0.0000106	0.00104	0.000659	0.00251	0.369	0.00000898	5.09	0.00565	21.8	0.246	0.0198	7.1	0.0648	0.012	0.000141	0.00175	0.000427	0.189	0.0000119	0.000744	0.00482	0.00759
2023 Aug	304	1.69	3.29	0.226	44.7	0.232	141	0.000015	0.0126	0.324	0.00786	0.0911	0.0000649	70.1	0.0000118	0.00104	0.000627	0.00337	0.348	0.00000947	5.66	0.00553	28.8	0.235	0.0239	6.88	0.0931	0.0125	0.000136	0.00228	0.000564	0.184	0.0000128	0.000824	0.00473	0.00938
2023 Sep	218	1.13	1.8	0.115	42.7	0.215	90.1	0.0000168	0.00914	0.17	0.00716	0.0884	0.0000705	51.7	0.0000102	0.00108	0.000678	0.00202	0.38	0.00000923	4.94	0.00579	17.4	0.256	0.0172	7.26	0.0485	0.0118	0.000145	0.00151	0.000349	0.192	0.000013	0.000693	0.00485	0.00654
2023 Oct	169	0.825	0.968	0.0556	41.1	0.205	60.7	0.0000115	0.00588	0.0794	0.00565	0.0867	0.0000727	41	0.00000872	0.00101	0.000702	0.00118	0.4	0.00000794	4.12	0.00579	11.2	0.258	0.0135	7.39	0.0208	0.0111	0.000147	0.000898	0.000214	0.195	0.00000976	0.000619	0.00491	0.0048
2023 Nov	137	0.634	0.434	0.0166	40.4	0.2	42.4	0.0000101	0.00415	0.0227	0.00502	0.0862	0.000075	34.5	0.00000801	0.001	0.000725	0.00067	0.416	0.00000752	3.72	0.00586	7.13	0.264	0.0112	7.55	0.0039	0.0109	0.00015	0.000563	0.000132	0.198	0.00000874	0.000576	0.005	0.00375
2023 Dec	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00385	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2024 Jan	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2024 Feb	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2024 Mar	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2024 Apr	139	0.644	0.459	0.0186	40.4	0.2	43.3	0.00001	0.0042	0.0253	0.00502	0.0863	0.0000749	34.8	0.00000803	0.001	0.000724	0.000692	0.415	0.00000751	3.73	0.00586	7.33	0.264	0.0113	7.54	0.00465	0.0109	0.00015	0.000574	0.000135	0.198	0.00000871	0.000578	0.005	0.0038
2024 May	154	0.736	0.718	0.0376	40.7	0.202	52	0.0000101	0.00492	0.0523	0.00522	0.0863	0.0000735	37.9	0.00000831	0.000992	0.000711	0.000932	0.406	0.00000759	3.88	0.0058	9.28	0.259	0.0124	7.44	0.0126	0.011	0.000148	0.000717	0.000174	0.196	0.00000887	0.000598	0.00494	0.00428
2024 Jun	355	1.98	4.16	0.29	45.3	0.233	170	0.0000159	0.0153	0.415	0.00867	0.0894	0.0000581	80.1	0.0000127	0.001	0.000563	0.00419	0.306	0.00000972	6.22	0.00526	35.3	0.214	0.0272	6.37	0.12	0.0126	0.000125	0.00278	0.000696	0.176	0.0000136	0.000877	0.00438	0.011
2024 Jul	246	1.33	2.3	0.154	43.2	0.221	107	0.0000129	0.00959	0.22	0.0068	0.0895	0.0000684	57.8	0.0000105	0.00102	0.000661	0.00243	0.372	0.00000872	4.97	0.00564	21.3	0.245	0.0195	7.11	0.0621	0.0119	0.000141	0.00168	0.000413	0.189	0.0000112	0.000739	0.00483	0.00743
2024 Aug	294	1.62	3.11	0.213	44.5	0.23	135	0.0000162	0.0124	0.306	0.00796	0.0908	0.0000657	68	0.0000117	0.00106	0.000633	0.00322	0.351	0.00000962	5.64	0.00558	27.4	0.239	0.0231	6.93	0.0883	0.0124	0.000138	0.00222	0.000541	0.186	0.0000133	0.000808	0.00474	0.00906
2024 Sep	220	1.13	1.82	0.117	42.7	0.215	91	0.0000171	0.00926	0.172	0.00723	0.0884	0.0000704	52	0.0000102	0.00109	0.000677	0.00204	0.379	0.00000929	4.97	0.00579	17.5	0.256	0.0173	7.26	0.0493	0.0118	0.000145	0.00153	0.000353	0.192	0.0000131	0.000695	0.00484	0.0066
2024 Oct	169	0.827	0.972	0.0558	41.1	0.205	60.9	0.0000116	0.0059	0.0797	0.00566	0.0867	0.0000727	41.1	0.00000873	0.00101	0.000702	0.00119	0.4	0.00000795	4.13	0.00579	11.2	0.258	0.0135	7.39	0.021	0.0111	0.000147	0.000901	0.000215	0.195	0.00000979	0.00062	0.00491	0.00481
2024 Nov	137	0.634	0.434	0.0166	40.4	0.2	42.4	0.0000101	0.00415	0.0227	0.00502	0.0862	0.000075	34.5	0.00000801	0.001	0.000725	0.00067	0.416	0.00000752	3.72	0.00586	7.13	0.264	0.0112	7.55	0.0039	0.0109	0.00015	0.000563	0.000132	0.198	0.00000874	0.000576	0.005	0.00375
2024 Dec	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00385	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2025 Jan	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2025 Feb	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2025 Mar	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2025 Apr	138	0.646	0.467	0.0191	40.4	0.2	43.2	0.00001	0.00428	0.0247	0.00503	0.0863	0.0000749	34.8	0.00000804	0.001	0.000724	0.000694	0.415	0.00000754	3.74	0.00586	7.32	0.264	0.0113	7.54	0.00462	0.0109	0.00015	0.000575	0.000135	0.198	0.00000873	0.000581	0.005	0.00381
2025 May	149	0.729	0.701	0.0362	40.5	0.202	49.2	0.0000105	0.00541	0.0397	0.00527	0.0861	0.0000738	36.8	0.00000831	0.000999	0.000713	0.000876	0.407	0.00000786	3.89	0.00582	8.64	0.26	0.012	7.45	0.0102	0.0111	0.000148	0.000692	0.000165	0.197	0.00000914	0.000608	0.00495	0.00419
2025 Jun	303	1.97	4.15	0.288	43.3	0.226	138	0.0000195	0.0225	0.264	0.00937	0.0861	0.0000608	68.2	0.0000127	0.00106	0.000574	0.0036	0.308	0.0000133	6.33	0.00547	28.1	0.217	0.0228	6.34	0.0941	0.014	0.000134	0.00251	0.000606	0.175	0.0000166	0.00103	0.00444	0.01
2025 Jul	220	1.33	2.32	0.155	42	0.217	91.2	0.0000117	0.0127	0.142	0.00662	0.0877	0.0000692	51.8	0.0000103	0.00101	0.000663	0.00211	0.373	0.00000998	4.83	0.00568	17.9	0.242	0.0174	7.04	0.048	0.0125	0.000144	0.00146	0.000363	0.188	0.0000111	0.000819	0.00486	0.00689
2025 Aug	256	1.65	3.16	0.217	42.6	0.225	113	0.0000118	0.0163	0.195	0.00722	0.0883	0.0000664	59.4	0.0000112	0.001	0.000635	0.00275	0.354	0.000011	5.29	0.00557	22.7	0.231	0.0201	6.8	0.0673	0.0132	0.00014	0.00184	0.000464	0.183	0.0000118	0.000927	0.00479	0.00826
2025 Sep	196	1.14	1.79	0.117	41.4	0.211	77.2	0.0000107	0.0102	0.108	0.00608	0.0869	0.0000703	46.8	0.00000956	0.000993	0.000676	0.0017	0.383	0.00000917	4.49	0.0057	14.9	0.246	0.0156	7.14	0.0354	0.012	0.000144	0.00119	0.000297	0.19	0.0000101	0.000748	0.00486	0.00598
2025 Oct	161	0.83	0.975	0.0564	40.7	0.204	56.1	0.0000104	0.00659	0.0568	0.00545	0.0862	0.0000728	39.3	0.0000086	0.000993	0.000702	0.00108	0.4	0.00000815	4.03	0.00578	10.2	0.256	0.0129	7.36	0.0165	0.0113	0.000147	0.000812	0.000198	0.195	0.0000093	0.000643	0.00492	0.00463
2025 Nov	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00414	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00386	0.0109	0.00015	0.00056	0.000131	0.198	0.0000087	0.000576	0.005	0.00375
2025 Dec	137	0.634	0.433	0.0166	40.4	0.2	42.4	0.00001	0.00413	0.0226	0.005	0.0862	0.000075	34.5	0.000008	0.001	0.000725	0.000668	0.416	0.0000075	3.72	0.00586	7.13	0.264	0.0112	7.55	0.00384	0.0109	0.00015	0.000559	0.000131	0.198	0.00000869	0.000576	0.005	0.00375
2026 Jan	137	0.632	0.433	0.0166	40.3	0.2	42.3	0.00000998	0.00414	0.0455	0.005	0.086	0.0000748	34.4	0.00000798	0.000997	0.000723	0.000668	0.415	0.00000748	3.72	0.00585	7.12	0.263	0.0112	7.53	0.00384	0.0108	0.00015	0.000558	0.000131	0.198	0.00000868	0.000575	0.00498	0.00374
2026 Feb	112	0.325	0.394	0.0122	28.7	0.125	30.6	0.0000131	0.00905	0.0286	0.021	0.0491	0.000122	26.2	0.00000948	0.000469	0.000593	0.000952	0.187	0.00000828	3.59	0.00439	5.04	0.173	0.00524	4.43	0.00478	0.00909	0.000167	0.000498	0.000212	0.197	0.00000905	0.000647	0.00374	0.00373
2026 Mar	99	0.17	0.332	0.0091	22.6	0.0807	25.2	0.000013	0.0103	0.0065	0.024	0.0296	0.000147	21.2	0.00000974	0.000214	0.000503	0.000988	0.0805	0.00000792	3.19	0.00362	3.85	0.122	0.00233	2.73	0.00551	0.00764	0.000164	0.000424	0.000265	0.175	0.00000827	0.000631	0.00272	0.00328
2026 Apr	103	0.16	0.308	0.00846	23.1	0.0745	26.4	0.0000123	0.0101	0.00589	0.0217	0.0282	0.000161	21.1	0.00000994	0.000203	0.000499	0.000963	0.0784	0.00000773	3.05	0.00371	3.82	0.119	0.00218	2.58	0.00618	0.00735	0.000163	0.000404	0.000297	0.165	0.00000784	0.000624	0.00242	0.00305
2026 May	106	0.152	0.29	0.00798	23.5	0.0701	27.8	0.0000119	0.0101	0.00602	0.02	0.0272	0.000172	21.3	0.0000102	0.000198	0.000499	0.000954	0.077	0.00000766	2.97	0.00379	3.85	0.117	0.00209	2.47	0.00694	0.00714	0.000164	0.000398	0.000326	0.159	0.00000763	0.000624	0.0022	0.00289
2026 Jun	141	0.322	0.485	0.0117	27.4	0.0818	45.2	0.0000157	0.018	0.0465	0.0185	0.0298	0.00521	28.5	0.0000121	0.000311	0.000482	0.0015	0.0709	0.0000108	3.77	0.00551	7.31	0.148	0.00418	2.77	0.0229	0.00751	0.000164	0.000848	0.000453	0.163	0.000011	0.000819	0.00201	0.00413
2026 Jul	159	0.48	0.685	0.0152	29.4	0.0934	54.4	0.0000164	0.0254	0.0693	0.0179	0.0319	0.00907	32.6	0.0000131	0.000371	0.000463	0.00186	0.067	0.0000133	4.29	0.00669	9.4	0.175	0.00547	2.98	0.0313	0.00773	0.000161	0.00111	0.000517	0.167	0.0000128	0.000998	0.00198	0.00508
2026 Aug	164	0.492	0.718	0.0146	28.9	0.0984	58	0.0000163	0.0295	0.0784	0.0173	0.0326	0.00765	33.6	0.0000134	0.000395	0.000452	0.00202	0.0655	0.0000146	4.51	0.0063	10.2	0.182	0.00601	2.81	0.0346	0.0078	0.000159	0.00122	0.000545	0.157	0.0000135	0.00109	0.00196	0.00552
2026 Sep	167	0.49	0.737	0.0139	28.3	0.101	60.8	0.000016	0.0325	0.0854	0.0165	0.0329	0.00641	34.3	0.0000136	0.000407	0.00044	0.00214	0.0636	0.0000155	4.64	0.00593	10.9	0.184	0.00642	2.65	0.0371	0.00777	0.000156	0.0013	0.000566	0.147	0.0000139	0.00116	0.00192	0.00584
2026 Oct	163	0.488	0.746	0.0135	27.8	0.1	59.2	0.0000156	0.0334	0.0815	0.0159	0.0323	0.00568	33.4	0.0000135	0.000404	0.000435	0.00211	0.0625	0.0000157	4.61	0.0057	10.5	0.185	0.00617	2.53	0.0357	0.00758	0.000155	0.00127	0.000564	0.141	0.0000138	0.00117	0.00186	0.00576
2026 Nov	159	0.484	0.745	0.0131	27.4	0.0981	56.9	0.0000152	0.0334	0.0759	0.0155	0.0317	0.0052	32.4	0.0000134	0.000396	0.000434	0.00205	0.0621	0.0000156	4.54	0.00556	10	0.186	0.00582	2.46	0.0338	0.00741	0.000155	0.00123	0.000559	0.137	0.0000136	0.00117	0.00181	0.00561
2026 Dec	156	0.473	0.735	0.0128	27.1	0.0957	54.9	0.0000149	0.033	0.0706	0.0152	0.0311	0.00483	31.6	0.0000133	0.000387	0.000435	0.00199	0.0619	0.0000154	4.46	0.00545	9.53	0.184	0.00549	2.4	0.0319	0.00726	0.000156	0.00118	0.000554	0.135	0.0000133	0.00116	0.00176	0.00544
2027 Jan	153	0.458	0.716	0.0124	26.9	0.093	53.2	0.0000146	0.0322	0.0659	0.0148	0.0305	0.00451	30.8	0.0000132	0.000375	0.000436	0.00192	0.0618	0.0000151	4.36	0.00536	9.11	0.181	0.0052	2.34	0.0303	0.00712	0.000156	0.00113	0.000548	0.133	0.0000129	0.00114	0.00171	0.00525
2027 Feb	151	0.441	0.694	0.012	26.7	0.0904	51.8	0.0000143	0.0313	0.062	0.0146	0.0299	0.00424	30.1	0.0000131	0.000363	0.000438	0.00186	0.0617	0.0000148	4.26	0.00529	8.76	0.177	0.00495	2.3	0.029	0.00701	0.000156	0.00109	0.000544	0.131	0.0000126	0.00112	0.00166	0.00508
2027 Mar	149	0.424	0.67	0.0116	26.6	0.0878	50.7	0.000014	0.0304	0.0585	0.0143	0.0293	0.00401	29.6	0.000013	0.000351	0.00044	0.00181	0.0616	0.0000145	4.16	0.00522	8.45	0.173	0.00473	2.26	0.0278	0.0069	0.000157	0.00104	0.00054	0.13	0.0000122	0.00109	0.00162	0.00491
2027 Apr	147	0.407	0.646	0.0112	26.5	0.0854	49.6	0.0000137	0.0294	0.0554	0.014	0.0288	0.0038	29	0.0000129	0.000339	0.000442	0.00176	0.0616	0.0000141	4.07	0.00516	8.18	0.17	0.00453	2.23	0.0268	0.0068	0.000157	0.001	0.000537	0.129	0.0000119	0.00107	0.00158	0.00475
2027 May	147	0.392	0.625	0.0108	26.5	0.0833	48.9	0.0000138	0.0286	0.0531	0.0139	0.0284	0.00361	28.7	0.0000129	0.000334	0.000445	0.00172	0.0617	0.0000138	4.01	0.00513	7.95	0.167	0.00437	2.2	0.0261	0.00674	0.000158	0.000976	0.000536	0.128	0.0000117	0.00105	0.00154	0.00462
2027 Jun	151	0.385	0.589	0.0102	26.9	0.0847	51.8	0.0000166	0.03	0.0603	0.0142	0.0289	0.0032	29.8	0.0000134	0.000382	0.000448	0.00182	0.0611	0.0000147	4.25	0.00511	8.37	0.173	0.00464	2.21	0.0292	0.0069	0.000161	0.0011	0.000562	0.127	0.0000134	0.00108	0.00154	0.00484
2027 Jul	154	0.4	0.575	0.00989	26.9	0.0879	54	0.0000176	0.0322	0.0664	0.0143	0.0296	0.00297	30.6	0.0000136	0.000411	0.000444	0.00191	0.0603	0.0000156	4.42	0.00507	8.84	0.18	0.00496	2.2	0.0315	0.00701	0.00016	0.00119	0.000577	0.125	0.0000143	0.00113	0.00156	0.00511
2027 Aug	156	0.405	0.567	0.00969	26.8	0.0902	55.4	0.0000182	0.0338	0.0703	0.0144	0.03	0.0028	31.1	0.0000138	0.000429	0.000441	0.00198	0.06	0.0000162	4.54	0.00504	9.15	0.183	0.00517	2.19	0.0329	0.00708	0.00016	0.00125	0.000586	0.123	0.0000149	0.00117	0.00158	0.0053
2027 Sep	157	0.407	0.56	0.00948	26.7	0.092	56.5	0.0000184	0.0352	0.0735	0.0143	0.0303	0.00264	31.4	0.0000139	0.00044	0.000437	0.00203	0.0596	0.0000167	4.63	0.005	9.41	0.184	0.00535	2.17	0.0341	0.00712	0.000159	0.0013	0.000594	0.121	0.0000153	0.0012	0.00159	0.00546
2027 Oct	155	0.408	0.553	0.00931	26.6	0.0919	56	0.0000184	0.0357	0.0726	0.0142	0.0301	0.00252	31.2	0.0000139	0.000441	0.000435	0.00203	0.0592	0.0000168	4.63	0.00496	9.31	0.185	0.00529	2.15	0.0337	0.00707	0.000159	0.0013	0.000592	0.12	0.0000153	0.00121	0.00158	0.00545
2027 Nov	154	0.407	0.546	0.00916	26.4	0.0913	55.1	0.0000183	0.0357	0.0706	0.0141	0.0299	0.00242	30.8	0.0000138	0.000439	0.000434	0.002	0.059	0.0000168	4.61	0.00493	9.12	0.185	0.00517	2.12	0.033	0.00701	0.000159	0.00128	0.000589	0.119	0.0000153	0.00121	0.00157	0.0054
2027 Dec	152	0.403	0.536	0.009	26.3	0.0904	54.2	0.0000182	0.0356	0.0685	0.014	0.0297	0.00235	30.4	0.0000138	0.000435	0.000434	0.00198	0.0589	0.0000167	4.57	0.0049	8.92	0.184	0.00503	2.11	0.0322	0.00695	0.000159	0.00126	0.000586	0.118	0.0000151	0.0012	0.00155	0.00534
2028 Jan	151	0.396	0.526	0.00882	26.2	0.0892	53.4	0.000018	0.0352	0.0664	0.0139	0.0294	0.00228	30.1	0.0000137	0.000428	0.000434	0.00195	0.0588	0.0000166	4.52	0.00487	8.74	0.182	0.0049	2.09	0.0315	0.00689	0.000159	0.00124	0.000582	0.118	0.0000149	0.00119	0.00153	0.00525
2028 Feb	149	0.388	0.515	0.00866	26.1	0.0879	52.7	0.0000178	0.0347	0.0644	0.0138	0.0291	0.00221	29.7	0.0000137	0.000421	0.000435	0.00192	0.0587	0.0000164	4.47	0.00485	8.57	0.18	0.00478	2.07	0.0308	0.00683	0.000159	0.00121	0.000579	0.117	0.0000147	0.00118	0.00151	0.00516
2028 Mar	148	0.38	0.504	0.00849	26	0.0866	52	0.0000175	0.0341	0.0626	0.0136	0.0288	0.00215	29.4	0.0000136	0.000413	0.000435	0.00189	0.0586	0.0000162	4.41	0.00483	8.41	0.178	0.00467	2.05	0.0301	0.00677	0.000159	0.00118	0.000576	0.117	0.0000145	0.00117	0.00149	0.00507
2028 Apr	147	0.372	0.494	0.00833	26	0.0852	51.4	0.0000173	0.0335	0.0608	0.0135	0.0285	0.00209	29.2	0.0000135	0.000405	0.000436	0.00186	0.0586	0.0000159	4.35	0.0048	8.26	0.176	0.00456	2.04	0.0295	0.00671	0.000159	0.00116	0.000573	0.117	0.0000142	0.00115	0.00147	0.00498
2028 May	147	0.364	0.484	0.00818	26	0.084	50.9	0.0000171	0.0329	0.0593	0.0134	0.0282	0.00204	28.9	0.0000135	0.000397	0.000437	0.00183	0.0585	0.0000157	4.3	0.00478	8.13	0.174	0.00446	2.02	0.029	0.00666	0.000159	0.00113	0.00057	0.116	0.000014	0.00114	0.00145	0.0049
2028 Jun	149	0.363	0.47	0.00794	26.1	0.0845	52.2	0.0000178	0.0331	0.0623	0.0135	0.0284	0.00192	29.4	0.0000136	0.000409	0.000438	0.00187	0.0582	0.0000159	4.37	0.00478	8.35	0.176	0.0046	2.03	0.0302	0.00672	0.000159	0.00117	0.00058	0.116	0.0000144	0.00114	0.00144	0.00497
2028 Jul	151	0.372	0.465	0.00783	26.2	0.0862	53.3	0.0000182	0.034	0.0654	0.0135	0.0288	0.00185	29.9	0.0000137	0.000421	0.000436	0.00191	0.0578	0.0000162	4.45	0.00477	8.61	0.18	0.00477	2.02	0.0314	0.00677	0.000159	0.00121	0.000587	0.115	0.0000147	0.00117	0.00145	0.0051
2028 Aug	152	0.377	0.463	0.00776	26.2	0.0874	54.1	0.0000183	0.0348	0.0675	0.0135	0.029	0.00179	30.1	0.0000138	0.000427	0.000434	0.00195	0.0576	0.0000165	4.5	0.00476	8.79	0.181	0.00489	2.02	0.0321	0.00681	0.000159	0.00124	0.000591	0.114	0.0000149	0.00118	0.00146	0.0052
2028 Sep	152	0.379	0.462	0.00768	26.1	0.0884	54.7	0.0000182	0.0354	0.0693	0.0135	0.0291	0.00172	30.4	0.0000138	0.000429	0.000432	0.00198	0.0573	0.0000167	4.54	0.00473	8.95	0.182	0.005	2	0.0327	0.00682	0.000158	0.00125	0.000594	0.113	0.000015	0.0012	0.00147	0.00528
2028 Oct	151	0.38	0.46	0.00761	26	0.0883	54.3	0.0000181	0.0356	0.0686	0.0134	0.029	0.00167	30.2	0.0000138	0.000428	0.00043	0.00197	0.057	0.0000167	4.53	0.0047	8.89	0.182	0.00496	1.99	0.0324	0.00678	0.000158	0.00125	0.000593	0.112	0.000015	0.0012	0.00146	0.00527
2028 Nov	150	0.38	0.456	0.00753	25.9	0.0879	53.8	0.0000179	0.0356	0.0673	0.0133	0.0289	0.00164	30	0.0000137	0.000425	0.000429	0.00196	0.0568	0.0000167	4.51	0.00468	8.78	0.182	0.00488	1.97	0.0319	0.00674	0.000158	0.00124	0.00059	0.112	0.0000149	0.0012	0.00145	0.00524
2028 Dec	149	0.378	0.452	0.00745	25.8	0.0873	53.2	0.0000178	0.0354	0.0659	0.0132	0.0287	0.0016	29.7	0.0000137	0.000421	0.000428	0.00194	0.0567	0.0000166	4.48	0.00467	8.65	0.181	0.00479	1.96	0.0314	0.00669	0.000158	0.00122	0.000588	0.112	0.0000148	0.00119	0.00144	0.00519
2029 Jan	148	0.374	0.446	0.00735	25.7	0.0865	52.7	0.0000176	0.0351	0.0645	0.0132	0.0285	0.00157	29.5	0.0000136	0.000416	0.000428	0.00192	0.0566	0.0000165	4.44	0.00465	8.53	0.18	0.00471	1.95	0.0309	0.00665	0.000158	0.0012	0.000585	0.111	0.0000146	0.00119	0.00143	0.00514
2029 Feb	147	0.369	0.44	0.00726	25.6	0.0857	52.2	0.0000175	0.0348	0.0633	0.0131	0.0283	0.00154	29.2	0.0000136	0.000411	0.000428	0.0019	0.0565	0.0000163	4.41	0.00464	8.42	0.179	0.00463	1.94	0.0304	0.0066	0.000158	0.00119	0.000582	0.111	0.0000144	0.00118	0.00141	0.00508
2029 Mar	147	0.364	0.434	0.00716	25.6	0.0848	51.7	0.0000173	0.0344	0.062	0.013	0.0281	0.00152	29	0.0000135	0.000405	0.000429	0.00188	0.0564	0.0000162	4.37	0.00462	8.32	0.177	0.00455	1.93	0.03	0.00656	0.000158	0.00117	0.00058	0.111	0.0000143	0.00117	0.0014	0.00502
2029 Apr	146	0.359	0.428	0.00706	25.5	0.0838	51.3	0.0000171	0.0339	0.0608	0.0129	0.0279	0.00149	28.8	0.0000135	0.000399	0.000429	0.00186	0.0562	0.000016	4.32	0.00461	8.21	0.175	0.00448	1.92	0.0295	0.00652	0.000158	0.00115	0.000578	0.11	0.0000141	0.00116	0.00138	0.00495
2029 May	145	0.354	0.422	0.00697	25.5	0.083	50.9	0.000017	0.0335	0.0598	0.0128	0.0277	0.00147	28.7	0.0000134	0.000393	0.000429	0.00184	0.0562	0.0000159	4.29	0.0046	8.12	0.174	0.00441	1.91	0.0292	0.00648	0.000158	0.00113	0.000576	0.11	0.0000139	0.00115	0.00137	0.00489
2029 Jun	145	0.351	0.403	0.00671	25.4	0.0823	51	0.0000165	0.0328	0.0601	0.0126	0.0275	0.0014	28.6	0.0000133	0.000384	0.000426	0.00183	0.0554	0.0000156	4.23	0.00454	8.18	0.173	0.00442	1.88	0.0292	0.00642	0.000156	0.00111	0.000573	0.109	0.0000136	0.00113	0.00134	0.00485
2029 Jul	145	0.356	0.391	0.00656	25.2	0.0829	51.4	0.0000163	0.0329	0.0614	0.0126	0.0276	0.00135	28.7	0.0000133	0.000383	0.000422	0.00184	0.0548	0.0000156	4.24	0.0045	8.31	0.174	0.0045	1.87	0.0296	0.00641	0.000155	0.00112	0.000574	0.108	0.0000135	0.00113	0.00134	0.0049
2029 Aug	144	0.352	0.378	0.00638	24.9	0.0826	50.9	0.000016	0.0327	0.0615	0.0124	0.0274	0.0013	28.5	0.0000131	0.000378	0.000417	0.00183	0.0545	0.0000155	4.2	0.00443	8.3	0.172	0.00451	1.85	0.0295	0.00639	0.000153	0.00111	0.000565	0.107	0.0000134	0.00112	0.00133	0.00488
2029 Sep	139	0.333	0.352	0.00599	24.2	0.0808	48.2	0.0000152	0.0313	0.0584	0.0119	0.0268	0.00118	27.4	0.0000124	0.00036	0.000405	0.00176	0.055	0.0000147	4.05	0.00428	7.96	0.163	0.00431	1.81	0.0279	0.00637	0.000145	0.00105	0.00053	0.104	0.0000129	0.00106	0.00127	0.0047
2029 Oct	136	0.326	0.339	0.0058	23.8	0.0798	46.8	0.0000148	0.0308	0.0564	0.0117	0.0264	0.00113	26.7	0.0000121	0.000351	0.000399	0.00173	0.0548	0.0000144	3.99	0.00421	7.75	0.16	0.00418	1.79	0.027	0.00631	0.000142	0.00102	0.000516	0.103	0.0000127	0.00104	0.00125	0.00462
2029 Nov	135	0.326	0.334	0.00572	23.7	0.0795	46.4	0.0000147	0.0307	0.0556	0.0116	0.0263	0.00111	26.6	0.0000121	0.000349	0.000397	0.00171	0.0546	0.0000144	3.97	0.00419	7.68	0.16	0.00413	1.78	0.0267	0.00627	0.000142	0.00101	0.000514	0.102	0.0000126	0.00104	0.00124	0.0046
2029 Dec	135	0.325	0.33	0.00567	23.7	0.0791	46.1	0.0000146	0.0306	0.0548	0.0116	0.0262	0.00109	26.4	0.0000121	0.000347	0.000397	0.0017	0.0545	0.0000144	3.95	0.00418	7.61	0.159	0.00408	1.77	0.0264	0.00624	0.000142	0.00101	0.000513	0.102	0.0000125	0.00104	0.00123	0.00457
2030 Jan	134	0.322	0.327	0.00561	23.6	0.0787	45.8	0.0000145	0.0304	0.054	0.0116	0.0261	0.00108	26.3	0.0000121	0.000344	0.000397	0.00169	0.0543	0.0000143	3.93	0.00417	7.54	0.158	0.00403	1.76	0.0261	0.00621	0.000143	0.000996	0.000512	0.102	0.0000124	0.00103	0.00123	0.00454
2030 Feb	134	0.32	0.323	0.00555	23.6	0.0782	45.6	0.0000144	0.0302	0.0533	0.0115	0.0259	0.00107	26.2	0.0000121	0.000341	0.000397	0.00168	0.0542	0.0000142	3.91	0.00417	7.48	0.158	0.00399	1.76	0.0258	0.00618	0.000143	0.000986	0.000511	0.102	0.0000124	0.00103	0.00122	0.00451
2030 Mar	133	0.317	0.32	0.0055	23.6	0.0776	45.3	0.0000143	0.03	0.0526	0.0115	0.0258	0.00106	26.1	0.000012	0.000338	0.000398	0.00167	0.0541	0.0000141	3.89	0.00416	7.42	0.157	0.00394	1.75	0.0256	0.00615	0.000143	0.000976	0.00051	0.102	0.0000123	0.00102	0.00121	0.00447
2030 Apr	133	0.313	0.316	0.00545	23.5	0.0771	45.1	0.0000142	0.0298	0.0519	0.0114	0.0257	0.00105	26	0.000012	0.000335	0.000398	0.00166	0.054	0.0000141	3.86	0.00416	7.36	0.156	0.0039	1.74	0.0254	0.00613	0.000143	0.000965	0.000509	0.101	0.0000122	0.00102	0.0012	0.00443
2030 May	133	0.31	0.313	0.0054	23.5	0.0765	44.9	0.0000142	0.0295	0.0513	0.0114	0.0256	0.00104	25.9	0.000012	0.000332	0.000398	0.00165	0.054	0.000014	3.84	0.00415	7.31	0.155	0.00386	1.74	0.0252	0.0061	0.000144	0.000956	0.000509	0.101	0.0000121	0.00101	0.0012	0.0044
2030 Jun	130	0.297	0.294	0.0051	23.1	0.0758	43.2	0.0000137	0.0291	0.0491	0.0111	0.0252	0.000952	25.1	0.0000117	0.000321	0.000391	0.00161	0.054	0.0000137	3.77	0.00406	7.09	0.149	0.00372	1.71	0.0241	0.00607	0.00014	0.000924	0.00049	0.0998	0.0000118	0.000991	0.00117	0.00433
2030 Jul	125	0.281	0.275	0.00479	22.4	0.0743	40.5	0.000013	0.0278	0.046	0.0107	0.0248	0.000857	24	0.000011	0.000305	0.00038	0.00154	0.0548	0.0000129	3.64	0.00393	6.75	0.141	0.00352	1.69	0.0226	0.00609	0.000132	0.000869	0.000455	0.0981	0.0000114	0.000932	0.00112	0.00416
2030 Aug	122	0.269	0.262	0.00458	22	0.0732	38.5	0.0000125	0.0267	0.0437	0.0104	0.0244	0.000791	23.3	0.0000105	0.000292	0.000373	0.0015	0.0556	0.0000124	3.55	0.00384	6.51	0.136	0.00338	1.67	0.0214	0.00613	0.000126	0.000826	0.000429	0.097	0.0000111	0.000885	0.00108	0.00404
2030 Sep	120	0.262	0.252	0.00442	21.7	0.0724	37.4	0.0000121	0.0261	0.0426	0.0102	0.0241	0.000748	22.8	0.0000102	0.000285	0.000368	0.00147	0.0557	0.000012	3.49	0.00378	6.39	0.132	0.0033	1.65	0.0209	0.00612	0.000123	0.000803	0.000415	0.096	0.0000109	0.000859	0.00105	0.00397
2030 Oct	118	0.26	0.247	0.00434	21.5	0.0718	36.9	0.000012	0.0258	0.0418	0.0101	0.0239	0.000727	22.5	0.0000101	0.000281	0.000365	0.00145	0.0554	0.0000119	3.45	0.00374	6.31	0.131	0.00325	1.64	0.0205	0.00607	0.000122	0.00079	0.000409	0.0951	0.0000108	0.000848	0.00104	0.00392
2030 Nov	118	0.26	0.245	0.00431	21.4	0.0717	36.8	0.0000119	0.0258	0.0415	0.0101	0.0239	0.000721	22.5	0.0000101	0.00028	0.000364	0.00145	0.0552	0.0000119	3.45	0.00373	6.28	0.131	0.00323	1.63	0.0204	0.00605	0.000122	0.000786	0.000409	0.0949	0.0000107	0.000848	0.00104	0.00391
2030 Dec	118	0.26	0.243	0.00428	21.4	0.0715	36.6	0.0000119	0.0257	0.0411	0.0101	0.0238	0.000716	22.4	0.0000101	0.000279	0.000364	0.00144	0.0551	0.0000119	3.44	0.00373	6.25	0.131	0.00321	1.63	0.0203	0.00603	0.000122	0.000782	0.000409	0.0948	0.0000107	0.000847	0.00103	0.0039
2031 Jan	118	0.259	0.241	0.00426	21.4	0.0713	36.6	0.0000119	0.0256	0.0407	0.0101	0.0238	0.000711	22.4	0.0000101	0.000278	0.000364	0.00144	0.055	0.0000118	3.43	0.00373	6.21	0.131	0.00318	1.63	0.0201	0.00601	0.000123	0.000778	0.000409	0.0947	0.0000107	0.000846	0.00103	0.00389
2031 Feb	118	0.258	0.24	0.00423	21.4	0.071	36.5	0.0000118	0.0255	0.0404	0.0101	0.0237	0.000706	22.3	0.0000101	0.000276	0.000365	0.00143	0.0549	0.0000118	3.42	0.00373	6.19	0.131	0.00316	1.62	0.02	0.00599	0.000123	0.000773	0.000409	0.0946	0.0000106	0.000844	0.00103	0.00387
2031 Mar	117	0.256	0.238	0.0042	21.4	0.0707	36.4	0.0000118	0.0254	0.04	0.01	0.0236	0.000702	22.3	0.0000101	0.000275	0.000365	0.00143	0.0548	0.0000118	3.41	0.00372	6.16	0.13	0.00314	1.62	0.0199	0.00597	0.000123	0.000768	0.000409	0.0946	0.0000106	0.000842	0.00102	0.00385
2031 Apr	117	0.255	0.237	0.00418	21.4	0.0704	36.3	0.0000118	0.0253	0.0397	0.01	0.0236	0.000698	22.2	0.0000101	0.000273	0.000365	0.00142	0.0547	0.0000117	3.4	0.00372	6.13	0.13	0.00312	1.62	0.0198	0.00595	0.000124	0.000763	0.00041	0.0946	0.0000105	0.00084	0.00102	0.00384
2031 May	117	0.253	0.235	0.00415	21.4	0.0701	36.3	0.0000117	0.0252	0.0394	0.01	0.0235	0.000693	22.2	0.0000101	0.000271	0.000366	0.00142	0.0546	0.0000117	3.39	0.00372	6.1	0.129	0.0031	1.61	0.0197	0.00593	0.000124	0.000758	0.00041	0.0946	0.0000105	0.000839	0.00101	0.00382
2031 Jun	116	0.248	0.227	0.00403	21.2	0.0695	35.6	0.0000115	0.0247	0.0387	0.00988	0.0233	0.000661	21.9	0.00000994	0.000266	0.000363	0.0014	0.0544	0.0000115	3.35	0.00368	6.03	0.127	0.00304	1.6	0.0193	0.00591	0.000122	0.000741	0.000402	0.0938	0.0000103	0.000822	0.000996	0.00377
2031 Jul	114	0.241	0.218	0.00387	20.8	0.0687	34.2	0.0000112	0.0239	0.0372	0.00966	0.023	0.000617	21.4	0.00000957	0.000257	0.000356	0.00136	0.0547	0.0000111	3.28	0.00361	5.86	0.123	0.00294	1.59	0.0186	0.00592	0.000118	0.000711	0.000383	0.0927	0.0000101	0.000787	0.000965	0.00368
2031 Aug	112	0.234	0.211	0.00375	20.6	0.0681	33.1	0.0000109	0.0233	0.0359	0.00949	0.0228	0.000584	20.9	0.00000929	0.00025	0.000352	0.00133	0.055	0.0000107	3.22	0.00355	5.73	0.12	0.00286	1.58	0.018	0.00593	0.000115	0.000688	0.000369	0.0921	0.00000989	0.00076	0.000941	0.00361
2031 Sep	111	0.23	0.206	0.00366	20.4	0.0678	32.6	0.0000107	0.023	0.0354	0.0094	0.0227	0.000562	20.7	0.00000914	0.000246	0.000349	0.00132	0.0551	0.0000106	3.19	0.00352	5.67	0.118	0.00282	1.57	0.0177	0.00593	0.000113	0.000675	0.000361	0.0916	0.00000979	0.000746	0.000928	0.00358
2031 Oct	110	0.229	0.203	0.00362	20.3	0.0675	32.2	0.0000106	0.0229	0.0349	0.00934	0.0226	0.000551	20.5	0.00000907	0.000244	0.000347	0.00131	0.0549	0.0000105	3.18	0.0035	5.62	0.117	0.00279	1.56	0.0175	0.0059	0.000112	0.000668	0.000358	0.0911	0.00000972	0.00074	0.00092	0.00356
2031 Nov	110	0.23	0.202	0.0036	20.3	0.0674	32.2	0.0000106	0.0229	0.0347	0.00933	0.0226	0.000548	20.5	0.00000908	0.000243	0.000347	0.00131	0.0547	0.0000105	3.17	0.0035	5.6	0.118	0.00278	1.56	0.0174	0.00589	0.000113	0.000666	0.000358	0.0909	0.00000971	0.000741	0.000919	0.00355
2031 Dec	110	0.23	0.201	0.00358	20.3	0.0673	32.1	0.0000106	0.0228	0.0345	0.00932	0.0225	0.000545	20.5	0.00000909	0.000243	0.000347	0.00131	0.0546	0.0000105	3.17	0.00349	5.59	0.118	0.00276	1.56	0.0173	0.00587	0.000113	0.000664	0.000358	0.0908	0.00000969	0.000741	0.000918	0.00355
2032 Jan	110	0.23	0.2	0.00357	20.3	0.0671	32.1	0.0000106	0.0228	0.0343	0.00931	0.0225	0.000543	20.4	0.0000091	0.000242	0.000348	0.0013	0.0545	0.0000105	3.16	0.00349	5.57	0.118	0.00275	1.56	0.0172	0.00586	0.000113	0.000661	0.000359	0.0908	0.00000967	0.000741	0.000916	0.00354
2032 Feb	110	0.229	0.199	0.00355	20.3	0.0669	32	0.0000106	0.0227	0.0341	0.00931	0.0225	0.00054	20.4	0.00000911	0.000241	0.000348	0.0013	0.0544	0.0000105	3.16	0.00349	5.55	0.118	0.00273	1.55	0.0172	0.00584	0.000114	0.000658	0.000359	0.0907	0.00000964	0.00074	0.000913	0.00353
2032 Mar	110	0.228	0.198	0.00353	20.3	0.0667	32	0.0000106	0.0227	0.0339	0.0093	0.0224	0.000538	20.4	0.00000911	0.00024	0.000348	0.0013	0.0543	0.0000104	3.15	0.00349	5.53	0.117	0.00272	1.55	0.0171	0.00583	0.000114	0.000655	0.00036	0.0907	0.0000096	0.000739	0.000911	0.00352
2032 Apr	109	0.227	0.197	0.00352	20.3	0.0665	32	0.0000105	0.0226	0.0336	0.00929	0.0224	0.000536	20.4	0.00000912	0.000239	0.000348	0.00129	0.0543	0.0000104	3.14	0.00349	5.52	0.117	0.00271	1.55	0.0171	0.00581	0.000114	0.000652	0.00036	0.0907	0.00000957	0.000738	0.000908	0.0035
2032 May	109	0.226	0.197	0.0035	20.3	0.0663	32	0.0000105	0.0225	0.0334	0.00928	0.0223	0.000534	20.4	0.00000913	0.000238	0.000349	0.00129	0.0542	0.0000104	3.14	0.0035	5.5	0.117	0.00269	1.55	0.017	0.0058	0.000115	0.000649	0.000361	0.0907	0.00000954	0.000737	0.000906	0.00349
2032 Jun	109	0.231	0.205	0.00379	20.4	0.0661	31.6	0.0000104	0.0224	0.033	0.00923	0.0222	0.00155	20.3	0.0000091	0.000235	0.000347	0.00128	0.0539	0.0000103	3.12	0.00376	5.45	0.116	0.00266	1.57	0.0168	0.00577	0.000114	0.000641	0.000356	0.0919	0.00000947	0.00073	0.000897	0.00347
2032 Jul	108	0.233	0.21	0.00399	20.3	0.0656	30.7	0.0000102	0.0219	0.0321	0.00911	0.0221	0.00233	20	0.00000891	0.00023	0.000342	0.00126	0.054	0.0000101	3.08	0.00395	5.35	0.113	0.00259	1.59	0.0163	0.00577	0.000111	0.000623	0.000344	0.0925	0.00000935	0.000709	0.000878	0.00342
2032 Aug	106	0.228	0.204	0.00388	20.1	0.0652	29.9	0.00001	0.0215	0.0313	0.009	0.0219	0.00223	19.6	0.00000871	0.000225	0.000339	0.00124	0.0541	0.00000986	3.04	0.00389	5.26	0.111	0.00254	1.58	0.0159	0.00577	0.000109	0.000607	0.000335	0.0918	0.00000924	0.000691	0.000862	0.00338
2032 Sep	105	0.225	0.2	0.00379	19.9	0.0648	29.5	0.00000991	0.0213	0.0308	0.00891	0.0218	0.00215	19.4	0.00000859	0.000222	0.000336	0.00123	0.0539	0.00000972	3.01	0.00383	5.2	0.109	0.00251	1.57	0.0157	0.00575	0.000108	0.000598	0.000328	0.091	0.00000916	0.000681	0.000851	0.00335
2032 Oct	105	0.224	0.197	0.00374	19.8	0.0646	29.2	0.00000984	0.0212	0.0305	0.00886	0.0217	0.00212	19.3	0.00000853	0.000221	0.000334	0.00122	0.0537	0.00000967	3	0.00381	5.16	0.109	0.00248	1.56	0.0155	0.00572	0.000107	0.000593	0.000326	0.0905	0.00000911	0.000676	0.000845	0.00333

Appendix C3: Whale Tail Pit

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2032 Nov	105	0.224	0.196	0.00373	19.8	0.0645	29.2	0.00000984	0.0212	0.0304	0.00886	0.0216	0.0021	19.3	0.00000855	0.00022	0.000334	0.00122	0.0536	0.00000969	3	0.0038	5.15	0.109	0.00248	1.56	0.0155	0.00571	0.000107	0.000592	0.000326	0.0904	0.0000091	0.000678	0.000845	0.00333
2032 Dec	104	0.224	0.195	0.00371	19.8	0.0645	29.2	0.00000983	0.0212	0.0302	0.00886	0.0216	0.00209	19.3	0.00000856	0.00022	0.000334	0.00122	0.0535	0.0000097	2.99	0.0038	5.14	0.109	0.00247	1.56	0.0154	0.0057	0.000108	0.000591	0.000327	0.0903	0.00000909	0.000678	0.000845	0.00333
2033 Jan	104	0.224	0.195	0.0037	19.8	0.0644	29.1	0.00000982	0.0212	0.0301	0.00886	0.0216	0.00208	19.2	0.00000857	0.00022	0.000335	0.00122	0.0534	0.0000097	2.99	0.0038	5.13	0.109	0.00246	1.56	0.0154	0.00569	0.000108	0.000589	0.000328	0.0903	0.00000908	0.000679	0.000844	0.00332
2033 Feb	104	0.223	0.194	0.00368	19.8	0.0642	29.1	0.00000982	0.0211	0.0299	0.00885	0.0216	0.00207	19.2	0.00000858	0.000219	0.000335	0.00121	0.0534	0.00000969	2.99	0.0038	5.11	0.109	0.00245	1.56	0.0153	0.00568	0.000108	0.000588	0.000328	0.0903	0.00000906	0.000679	0.000842	0.00332
2033 Mar	104	0.222	0.193	0.00367	19.8	0.0641	29.1	0.00000981	0.0211	0.0298	0.00885	0.0215	0.00206	19.2	0.00000859	0.000219	0.000335	0.00121	0.0533	0.00000968	2.98	0.00379	5.1	0.109	0.00244	1.55	0.0153	0.00566	0.000109	0.000586	0.000329	0.0902	0.00000904	0.000678	0.000841	0.00331
2033 Apr	104	0.222	0.192	0.00365	19.8	0.0639	29.1	0.0000098	0.021	0.0296	0.00884	0.0215	0.00205	19.2	0.00000859	0.000218	0.000335	0.00121	0.0532	0.00000967	2.98	0.00379	5.09	0.109	0.00243	1.55	0.0152	0.00565	0.000109	0.000583	0.000329	0.0902	0.00000902	0.000678	0.000839	0.0033
2033 May	104	0.221	0.191	0.00363	19.8	0.064	29.1	0.00000981	0.0212	0.0294	0.00885	0.0215	0.00204	19.2	0.00000863	0.000218	0.000336	0.00121	0.0532	0.00000973	2.98	0.0038	5.08	0.109	0.00242	1.55	0.0152	0.00564	0.000109	0.000584	0.000331	0.0902	0.00000903	0.000682	0.000841	0.00331
2033 Jun	104	0.229	0.204	0.00403	20.1	0.0642	28.9	0.00000978	0.0214	0.0292	0.00887	0.0215	0.00327	19.2	0.00000868	0.000218	0.000335	0.00121	0.053	0.00000982	2.99	0.00414	5.05	0.108	0.0024	1.59	0.015	0.00563	0.000109	0.000585	0.00033	0.092	0.00000908	0.000688	0.000844	0.00332
2033 Jul	103	0.232	0.21	0.00425	20.1	0.064	28.2	0.00000965	0.0212	0.0285	0.0088	0.0214	0.00405	19	0.00000857	0.000215	0.000332	0.0012	0.053	0.00000968	2.96	0.00434	4.97	0.106	0.00235	1.61	0.0147	0.00562	0.000107	0.000574	0.000321	0.0928	0.00000903	0.000675	0.000832	0.00329
2033 Aug	102	0.228	0.206	0.00414	19.9	0.0638	27.7	0.00000955	0.021	0.0279	0.00873	0.0213	0.0039	18.8	0.00000844	0.000213	0.000329	0.00118	0.0531	0.00000956	2.94	0.00427	4.91	0.105	0.00231	1.6	0.0144	0.00563	0.000106	0.000565	0.000314	0.0921	0.00000898	0.000664	0.000823	0.00327
2033 Sep	102	0.225	0.202	0.00406	19.8	0.0637	27.4	0.00000949	0.0209	0.0277	0.00869	0.0213	0.0038	18.6	0.00000837	0.000211	0.000328	0.00118	0.0531	0.00000951	2.93	0.00423	4.88	0.104	0.0023	1.6	0.0143	0.00562	0.000105	0.00056	0.000311	0.0917	0.00000895	0.00066	0.000818	0.00326
2033 Oct	101	0.225	0.2	0.00402	19.7	0.0636	27.2	0.00000946	0.0209	0.0274	0.00866	0.0212	0.00375	18.5	0.00000834	0.000211	0.000326	0.00117	0.0529	0.0000095	2.92	0.0042	4.85	0.103	0.00228	1.59	0.0142	0.00561	0.000105	0.000558	0.000309	0.0913	0.00000893	0.000658	0.000815	0.00325
2033 Nov	101	0.225	0.199	0.00401	19.7	0.0636	27.2	0.00000946	0.0209	0.0273	0.00866	0.0212	0.00373	18.5	0.00000835	0.000211	0.000326	0.00117	0.0528	0.00000952	2.92	0.0042	4.84	0.104	0.00227	1.59	0.0141	0.0056	0.000105	0.000558	0.00031	0.0912	0.00000893	0.00066	0.000816	0.00325
2033 Dec	101	0.225	0.199	0.00399	19.7	0.0635	27.2	0.00000945	0.0209	0.0272	0.00866	0.0212	0.00371	18.5	0.00000836	0.000211	0.000327	0.00117	0.0527	0.00000953	2.92	0.00419	4.83	0.104	0.00227	1.59	0.0141	0.00559	0.000105	0.000557	0.00031	0.0911	0.00000893	0.000661	0.000815	0.00325
2034 Jan	101	0.225	0.198	0.00398	19.7	0.0634	27.2	0.00000945	0.0209	0.0271	0.00866	0.0211	0.00369	18.5	0.00000837	0.00021	0.000327	0.00117	0.0527	0.00000954	2.92	0.00419	4.82	0.104	0.00226	1.58	0.0141	0.00558	0.000106	0.000556	0.000311	0.091	0.00000892	0.000662	0.000815	0.00325
2034 Feb	101	0.224	0.197	0.00396	19.7	0.0633	27.2	0.00000945	0.0209	0.027	0.00866	0.0211	0.00368	18.5	0.00000838	0.00021	0.000327	0.00117	0.0526	0.00000954	2.92	0.00419	4.82	0.104	0.00225	1.58	0.014	0.00557	0.000106	0.000555	0.000311	0.091	0.00000891	0.000662	0.000814	0.00324
2034 Mar	101	0.224	0.197	0.00395	19.7	0.0632	27.2	0.00000944	0.0209	0.0269	0.00866	0.0211	0.00366	18.5	0.00000839	0.00021	0.000327	0.00117	0.0526	0.00000953	2.91	0.00418	4.81	0.104	0.00224	1.58	0.014	0.00556	0.000106	0.000553	0.000312	0.091	0.00000889	0.000662	0.000813	0.00324
2034 Apr	101	0.223	0.196	0.00394	19.7	0.0631	27.2	0.00000943	0.0208	0.0268	0.00865	0.0211	0.00365	18.5	0.0000084	0.000209	0.000327	0.00117	0.0525	0.00000952	2.91	0.00418	4.8	0.104	0.00224	1.58	0.014	0.00555	0.000106	0.000552	0.000312	0.0909	0.00000887	0.000662	0.000812	0.00323
2034 May	101	0.222	0.195	0.00392	19.7	0.063	27.2	0.00000943	0.0208	0.0267	0.00865	0.0211	0.00363	18.5	0.00000841	0.000209	0.000328	0.00117	0.0525	0.00000952	2.91	0.00418	4.79	0.104	0.00223	1.58	0.0139	0.00554	0.000106	0.00055	0.000313	0.0909	0.00000886	0.000662	0.000811	0.00323
2034 Jun	101	0.228	0.204	0.00421	19.8	0.063	27	0.00000939	0.0208	0.0265	0.00865	0.021	0.00451	18.5	0.00000843	0.000208	0.000327	0.00116	0.0523	0.00000951	2.9	0.00442	4.77	0.103	0.00221	1.61	0.0138	0.00553	0.000106	0.000547	0.000312	0.0922	0.00000885	0.000661	0.000808	0.00322
2034 Jul	100	0.231	0.209	0.00436	19.8	0.0628	26.5	0.00000929	0.0206	0.0259	0.00859	0.0209	0.00505	18.3	0.00000833	0.000205	0.000324	0.00115	0.0522	0.00000938	2.88	0.00455	4.71	0.102	0.00218	1.62	0.0136	0.00552	0.000105	0.000538	0.000305	0.0927	0.0000088	0.000649	0.000798	0.0032
2034 Aug	99.5	0.227	0.205	0.00425	19.7	0.0625	26	0.0000092	0.0204	0.0255	0.00853	0.0208	0.00489	18.1	0.00000821	0.000202	0.000322	0.00114	0.0522	0.00000927	2.86	0.00449	4.65	0.1	0.00214	1.61	0.0133	0.00552	0.000104	0.000529	0.000299	0.092	0.00000874	0.000639	0.000789	0.00317
2034 Sep	98.9	0.224	0.201	0.00418	19.5	0.0624	25.8	0.00000914	0.0203	0.0252	0.00848	0.0208	0.00478	18	0.00000814	0.000201	0.00032	0.00113	0.0521	0.0000092	2.85	0.00444	4.62	0.0996	0.00212	1.6	0.0132	0.00551	0.000103	0.000524	0.000296	0.0914	0.0000087	0.000634	0.000783	0.00316
2034 Oct	98.6	0.224	0.2	0.00414	19.5	0.0623	25.7	0.00000912	0.0203	0.025	0.00846	0.0207	0.00472	17.9	0.00000812	0.000201	0.00032	0.00113	0.052	0.0000092	2.84	0.00442	4.6	0.0995	0.00211	1.6	0.0131	0.00549	0.000103	0.000523	0.000295	0.0912	0.00000869	0.000633	0.000781	0.00315
2034 Nov	98.5	0.224	0.199	0.00413	19.5	0.0623	25.7	0.00000912	0.0203	0.0249	0.00846	0.0207	0.0047	17.9	0.00000813	0.000201	0.00032	0.00113	0.052	0.00000921	2.84	0.00441	4.6	0.0997	0.00211	1.59	0.0131	0.00549	0.000103	0.000522	0.000295	0.0911	0.00000869	0.000634	0.000781	0.00315
2034 Dec	98.5	0.224	0.198	0.00412	19.5	0.0622	25.7	0.00000912	0.0203	0.0249	0.00846	0.0207	0.00468	17.9	0.00000814	0.0002	0.00032	0.00113	0.0519	0.00000922	2.84	0.00441	4.59	0.0998	0.0021	1.59	0.0131	0.00548	0.000103	0.000522	0.000296	0.091	0.00000869	0.000635	0.000781	0.00315
2035 Jan	98.4	0.224	0.198	0.0041	19.5	0.0622	25.6	0.00000912	0.0203	0.0248	0.00846	0.0207	0.00467	17.9	0.00000815	0.0002	0.00032	0.00113	0.0519	0.00000922	2.84	0.0044	4.58	0.0998	0.00209	1.59	0.013	0.00547	0.000103	0.000521	0.000296	0.091	0.00000868	0.000635	0.000781	0.00315
2035 Feb	98.4	0.223	0.197	0.00409	19.5	0.0621	25.6	0.00000911	0.0202	0.0247	0.00846	0.0207	0.00465	17.9	0.00000816	0.0002	0.00032	0.00113	0.0518	0.00000922	2.84	0.0044	4.57	0.0997	0.00209	1.59	0.013	0.00546	0.000104	0.00052	0.000297	0.0909	0.00000867	0.000635	0.00078	0.00314
2035 Mar	98.4	0.223	0.196	0.00408	19.5	0.062	25.6	0.00000911	0.0202	0.0246	0.00846	0.0206	0.00463	17.9	0.00000816	0.000199	0.00032	0.00112	0.0517	0.00000921	2.83	0.00439	4.57	0.0997	0.00208	1.59	0.013	0.00545	0.000104	0.000518	0.000297	0.0909	0.00000865	0.000635	0.000778	0.00314
2035 Apr	98.4	0.222	0.196	0.00406	19.5	0.0618	25.6	0.0000091	0.0202	0.0245	0.00845	0.0206	0.00461	17.9	0.00000817	0.000199	0.000321	0.00112	0.0517	0.0000092	2.83	0.00439	4.56	0.0996	0.00208	1.59	0.013	0.00545	0.000104	0.000517	0.000298	0.0908	0.00000863	0.000634	0.000777	0.00313
2035 May	98.4	0.222	0.195	0.00405	19.5	0.0617	25.6	0.0000091	0.0201	0.0244	0.00845	0.0206	0.00459	17.9	0.00000818	0.000198	0.000321	0.00112	0.0517	0.00000919	2.83	0.00438	4.55	0.0995	0.00207	1.58	0.0129	0.00544	0.000104	0.000515	0.000298	0.0908	0.00000862	0.000634	0.000776	0.00313
2035 Jun	98.4	0.227	0.203	0.00429	19.6	0.0619	25.5	0.00000909	0.0203	0.0242	0.00847	0.0206	0.00534	17.9	0.00000822	0.000199	0.00032	0.00112	0.0515	0.00000926	2.83	0.0046	4.53	0.0992	0.00206	1.61	0.0128	0.00543	0.000104	0.000516	0.000298	0.0919	0.00000865	0.000638	0.000778	0.00314
2035 Jul	97.8	0.228	0.206	0.0044	19.6	0.0618	25.1	0.00000902	0.0202	0.0237	0.00843	0.0205	0.00576	17.7	0.00000815	0.000197	0.000318	0.00111	0.0515	0.00000919	2.82	0.0047	4.48	0.0982	0.00203	1.62	0.0126	0.00542	0.000103	0.00051	0.000293	0.0923	0.00000863	0.000631	0.000772	0.00312
2035 Aug	97.1	0.225	0.203	0.00431	19.5	0.0616	24.7	0.00000896	0.02	0.0233	0.00838	0.0205	0.0056	17.6	0.00000806	0.000195	0.000317	0.0011	0.0515	0.0000091	2.8	0.00464	4.44	0.0971	0.002	1.61	0.0124	0.00542	0.000102	0.000503	0.000288	0.0917	0.00000859	0.000623	0.000764	0.0031
2035 Sep	96.6	0.223	0.2	0.00424	19.4	0.0615	24.5	0.00000892	0.02	0.0231	0.00835	0.0204	0.00549	17.5	0.00000801	0.000194	0.000315	0.0011	0.0514	0.00000907	2.79	0.00459	4.41	0.0965	0.00198	1.6	0.0123	0.00541	0.000102	0.0005	0.000286	0.0912	0.00000857	0.00062	0.000761	0.00309
2035 Oct	96.3	0.223	0.198	0.00421	19.3	0.0615	24.4	0.0000089	0.02	0.0229	0.00833	0.0204	0.00543	17.4	0.00000799	0.000194	0.000315	0.0011	0.0513	0.00000907	2.79	0.00457	4.39	0.0964	0.00197	1.6	0.0122	0.0054	0.000102	0.000499	0.000285	0.0909	0.00000857	0.00062	0.00076	0.00309
2035 Nov	96.2	0.223	0.198	0.0042	19.3	0.0615	24.4	0.00000891	0.0201	0.0229	0.00833	0.0204	0.00541	17.4	0.00000801	0.000194	0.000315	0.0011	0.0512	0.0000091	2.79	0.00456	4.39	0.0966	0.00197	1.6	0.0122	0.00539	0.000102	0.000499	0.000285	0.0908	0.00000857	0.000622	0.000761	0.00309
2035 Dec	96.2	0.223	0.197	0.00418	19.3	0.0615	24.4	0.0000089	0.0201	0.0228	0.00833	0.0204	0.00539	17.4	0.00000801	0.000194	0.000315	0.0011	0.0512	0.0000091	2.79	0.00456	4.38	0.0967	0.00196	1.6	0.0122	0.00538	0.000102	0.000498	0.000286	0.0908	0.00000857	0.000623	0.00076	0.00309
2036 Jan	96.1	0.223	0.196	0.00417	19.3	0.0614	24.4	0.0000089	0.0201	0.0227	0.00833	0.0203	0.00536	17.4	0.00000802	0.000194	0.000315	0.0011	0.0511	0.00000911	2.79	0.00455	4.37	0.0967	0.00195	1.59	0.0122	0.00538	0.000102	0.000498	0.000286	0.0907	0.00000856	0.000623	0.00076	0.00309
2036 Feb	96.1	0.222	0.196	0.00416	19.3	0.0613	24.4	0.0000089	0.02	0.0226	0.00833	0.0203	0.00534	17.4	0.00000803	0.000194	0.000315	0.00109	0.0511	0.0000091	2.79	0.00455	4.37	0.0966	0.00195	1.59	0.0121	0.00537	0.000102	0.000496	0.000287	0.0907	0.00000855	0.000623	0.000759	0.00308
2036 Mar	96.1	0.222	0.195	0.00414	19.3	0.0612	24.4	0.00000889	0.02	0.0225	0.00833	0.0203	0.00532	17.4	0.00000803	0.000193	0.000315	0.00109	0.051	0.0000091	2.78	0.00454	4.36	0.0965	0.00194	1.59	0.0121	0.00536	0.000103	0.000495	0.000287	0.0906	0.00000854	0.000623	0.000758	0.00308
2036 Apr	96.1	0.221	0.195	0.00413	19.3	0.0611	24.4	0.00000889	0.02	0.0224	0.00832	0.0203	0.0053	17.4	0.00000804	0.000193	0.000315	0.00109	0.051	0.00000909	2.78	0.00454	4.35	0.0964	0.00194	1.59	0.0121	0.00536	0.000103	0.000494	0.000287	0.0906	0.00000852	0.000622	0.000757	0.00308
2036 May	96.1	0.22	0.194	0.00412	19.3	0.061	24.4	0.00000889	0.02	0.0224	0.00832	0.0203	0.00528	17.4	0.00000805	0.000192	0.000315	0.00109	0.051	0.00000909	2.78	0.00453	4.35	0.0964	0.00193	1.59	0.0121	0.00535	0.000103	0.000493	0.000288	0.0906	0.00000851	0.000623	0.000756	0.00307
2036 Jun	96	0.224	0.2	0.0043	19.4	0.061	24.2	0.00000886	0.0199	0.0222	0.00832	0.0202	0.00586	17.3	0.00000805	0.000192	0.000315	0.00109	0.0508	0.00000907	2.77	0.00469	4.32	0.0961	0.00192	1.61	0.012	0.00533	0.000103	0.00049	0.000287	0.0914	0.0000085	0.000621	0.000754	0.00307
2036 Jul	95.5	0.226	0.203	0.00439	19.4	0.0608	23.9	0.0000088	0.0198	0.0218	0.00828	0.0202	0.00618	17.2	0.00000798	0.00019	0.000313	0.00108	0.0508	0.00000899	2.76	0.00477	4.28	0.0953	0.00189	1.61	0.0118	0.00533	0.000102	0.000483	0.000282	0.0916	0.00000846	0.000613	0.000747	0.00305
2036 Aug	94.8	0.223	0.199	0.0043	19.2	0.0607	23.5	0.00000874	0.0196	0.0214	0.00824	0.0201	0.00603	17.1	0.0000079	0.000188	0.000312	0.00107	0.0508	0.00000891	2.75	0.00471	4.24	0.0944	0.00186	1.61	0.0116	0.00533	0.000101	0.000478	0.000278	0.0911	0.00000843	0.000606	0.00074	0.00303
2036 Sep	94.4	0.221	0.197	0.00424	19.2	0.0606	23.3	0.00000871	0.0196	0.0212	0.00821	0.0201	0.00592	17	0.00000786	0.000187	0.00031	0.00107	0.0507	0.00000888	2.74	0.00467	4.21	0.0938	0.00185	1.6	0.0115	0.00532	0.0001	0.000474	0.000276	0.0906	0.00000841	0.000603	0.000737	0.00302
2036 Oct	94.1	0.221	0.196	0.00421	19.1	0.0605	23.3	0.0000087	0.0196	0.0211	0.0082	0.02	0.00586	16.9	0.00000785	0.000187	0.00031	0.00107	0.0506	0.00000889	2.74	0.00465	4.2	0.0938	0.00184	1.59	0.0114	0.00531	0.0001	0.000474	0.000276	0.0904	0.00000841	0.000604	0.000736	0.00302
2036 Nov	94.1	0.221	0.195	0.0042	19.1	0.0605	23.3	0.0000087	0.0196	0.021	0.0082	0.02	0.00584	16.9	0.00000786	0.000188	0.00031	0.00106	0.0505	0.0000089	2.74	0.00464	4.19	0.094	0.00183	1.59	0.0114	0.0053	0.000101	0.000474	0.000276	0.0903	0.00000841	0.000605	0.000737	0.00302
2036 Dec	94	0.221	0.194	0.00419	19.1	0.0605	23.3	0.0000087	0.0196	0.0209	0.0082	0.02	0.00582	16.9	0.00000786	0.000187	0.00031	0.00106	0.0505	0.00000891	2.74	0.00463	4.19	0.094	0.00183	1.59	0.0114	0.0053	0.000101	0.000473	0.000276	0.0902	0.00000841	0.000606	0.000737	0.00302
2037 Jan	94	0.221	0.194	0.00417	19.1	0.0604	23.2	0.0000087	0.0196	0.0209	0.0082	0.02	0.0058	16.9	0.00000787	0.000187	0.00031	0.00106	0.0505	0.00000891	2.73	0.00463	4.18	0.094	0.00183	1.59	0.0114	0.00529	0.000101	0.000473	0.000277	0.0902	0.0000084	0.000606	0.000736	0.00302
2037 Feb	94	0.22	0.193	0.00416	19.1	0.0604	23.2	0.00000869	0.0196	0.0208	0.0082	0.02	0.00578	16.9	0.00000788	0.000187	0.00031	0.00106	0.0504	0.00000891	2.73	0.00462	4.18	0.094	0.00182	1.59	0.0114	0.00528	0.000101	0.000472	0.000277	0.0901	0.00000839	0.000606	0.000736	0.00301
2037 Mar	94	0.22	0.193	0.00415	19.1	0.0603	23.3	0.00000869	0.0196	0.0207	0.00819	0.02	0.00576	16.9	0.00000788	0.000187	0.00031	0.00106	0.0504	0.0000089	2.73	0.00462	4.17	0.094	0.00182	1.59	0.0114	0.00528	0.000101	0.000471	0.000277	0.0901	0.00000838	0.000606	0.000735	0.00301
2037 Apr	94	0.219	0.192	0.00414	19.1	0.0602	23.3	0.00000869	0.0196	0.0207	0.00819	0.0199	0.00574	16.9	0.00000789	0.000186	0.000311	0.00106	0.0503	0.0000089	2.73	0.00462	4.17	0.0939	0.00181	1.59	0.0113	0.00527	0.000101	0.00047	0.000278	0.0901	0.00000837	0.000605	0.000734	0.00301
2037 May	94	0.219	0.192	0.00413	19.1	0.0602	23.3	0.00000869	0.0196	0.0206	0.0082	0.0199	0.00572	16.9	0.00000791	0.000186	0.000311	0.00106	0.0503	0.00000893	2.73	0.00461	4.16	0.0938	0.00181	1.58	0.0113	0.00527	0.000102	0.00047	0.000279	0.0901	0.00000838	0.000608	0.000735	0.00301
2037 Jun	94	0.222	0.197	0.00429	19.2	0.0603	23.2	0.00000869	0.0197	0.0204	0.00821	0.0199	0.00622	16.9	0.00000793	0.000187	0.00031	0.00106	0.0502	0.00000896	2.73	0.00475	4.14	0.0937	0.0018	1.6	0.0112	0.00526	0.000102	0.00047	0.000278	0.0908	0.0000084	0.00061	0.000736	0.00301
2037 Jul	93.5	0.224	0.199	0.00436	19.2	0.0602	22.9	0.00000864	0.0196	0.0201	0.00818	0.0199	0.00649	16.8	0.00000788	0.000185	0.000309	0.00105	0.0501	0.0000089	2.72	0.00482	4.11	0.093	0.00177	1.61	0.0111	0.00525	0.000101	0.000465	0.000275	0.091	0.00000837	0.000604	0.000731	0.003
2037 Aug	92.9	0.221	0.196	0.00429	19.1	0.06	22.5	0.0000086	0.0195	0.0197	0.00814	0.0198	0.00635	16.6	0.00000781	0.000184	0.000308	0.00105	0.0501	0.00000884	2.71	0.00476	4.07	0.0922	0.00175	1.6	0.0109	0.00525	0.0001	0.00046	0.000271	0.0905	0.00000835	0.000598	0.000725	0.00298
2037 Sep	92.4	0.219	0.194	0.00423	19	0.0599	22.3	0.00000857	0.0195	0.0194	0.00811	0.0198	0.00624	16.5	0.00000776	0.000183	0.000307	0.00104	0.0501	0.00000881	2.7	0.00472	4.03	0.0918	0.00173	1.59	0.0108	0.00524	0.0000998	0.000456	0.000269	0.0901	0.00000833	0.000596	0.000722	0.00298
2037 Oct	92.1	0.219	0.193	0.0042	18.9	0.0599	22.3	0.00000855	0.0195	0.0193	0.0081	0.0197	0.00619	16.5	0.00000775	0.000183	0.000306	0.00104	0.05	0.00000881	2.7	0.0047	4.02	0.0917	0.00172	1.59	0.0107	0.00523	0.0000998	0.000455	0.000268	0.0898	0.00000833	0.000595	0.000721	0.00297
2037 Nov	92.1	0.219	0.192	0.00419	18.9	0.0599	22.2	0.00000856	0.0195	0.0192	0.0081	0.0197	0.00617	16.5	0.00000776	0.000183	0.000306	0.00104	0.0499	0.00000883	2.7	0.0047	4.01	0.0919	0.00172	1.59	0.0107	0.00522	0.0001	0.000455	0.000269	0.0898	0.00000833	0.000597	0.000722	0.00297
2037 Dec	92.1	0.219	0.192	0.00418	18.9	0.0598	22.2	0.00000856	0.0195	0.0192	0.0081	0.0197	0.00615	16.5	0.00000777	0.000183	0.000306	0.00104	0.0499	0.00000883	2.7	0.00469	4.01	0.0919	0.00171	1.59	0.0107	0.00522	0.0001	0.000455	0.000269	0.0897	0.00000833	0.000597	0.000722	0.00297
2038 Jan	92	0.219	0.191	0.00417	18.9	0.0598	22.2	0.00000856	0.0195	0.0191	0.0081	0.0197	0.00613	16.5	0.00000777	0.000183	0.000306	0.00104	0.0499	0.00000884	2.7	0.00469	4.01	0.0919	0.00171	1.58	0.0107	0.00521	0.0001	0.000455	0.000269	0.0897	0.00000833	0.000598	0.000722	0.00297
2038 Feb	92	0.219	0.191	0.00416	18.9	0.0597	22.3	0.00000856	0.0195	0.0191	0.0081	0.0197	0.00611	16.5	0.00000778	0.000183	0.000306	0.00104	0.0498	0.00000884	2.69	0.00469	4	0.0919	0.00171	1.58	0.0107	0.00521	0.0001	0.000454	0.00027	0.0896	0.00000832	0.000598	0.000721	0.00297
2038 Mar	92.1	0.218	0.191	0.00415	18.9	0.0597	22.3	0.00000855	0.0195	0.019	0.0081	0.0197	0.0061	16.5	0.00000779	0.000183	0.000306	0.00104	0.0498	0.00000884	2.69	0.00468	4	0.0919	0.0017	1.58	0.0106	0.0052	0.000101	0.000454	0.00027	0.0896	0.00000831	0.000598	0.000721	0.00297
2038 Apr	92.1	0.218	0.19	0.00414	18.9	0.0596	22.3	0.00000855	0.0195	0.019	0.0081	0.0197	0.00608	16.5	0.00000779	0.000182	0.000307	0.00104	0.0498	0.00000883	2.69	0.00468	4	0.0919	0.0017	1.58	0.0106	0.0052	0.000101	0.000453	0.000271	0.0896	0.0000083	0.000598	0.00072	0.00296
2038 May	92.1	0.217	0.19	0.00413	18.9	0.0596	22.3	0.00000856	0.0195	0.0189	0.00811	0.0197	0.00607	16.5	0.0000078	0.000182	0.000307	0.00104	0.0497	0.00000884	2.69	0.00468	3.99	0.0918	0.0017	1.58	0.0106	0.00519	0.000101	0.000453	0.000271	0.0896	0.0000083	0.000598	0.00072	0.00296

Appendix C4: IVR Pit

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	588	6.59	16.5	1.2	184	0.157	114	0.0000156	0.0193	1.77	0.0104	0.115	0.00000528	167	0.00000953	0.000464	0.000135	0.00186	0.00621	0.00000587	12.3	0.00334	29.6	0.0408	0.00853	1.59	0.113	0.0153	0.0000473	0.00317	0.00164	0.0856	0.0000266	0.00175	0.00521	0.02	0
Operation (2023 to 2025): Average	962	12.9	26.2	1.49	364	0.254	213	0.0000187	0.0237	3.83	0.0319	0.152	0.414	258	0.0000315	0.000487	0.000311	0.00543	0.0122	0.00000749	14.1	0.126	39.4	0.21	0.0143	31.4	0.197	0.0224	0.000151	0.0036	0.00266	1.53	0.0000321	0.00186	0.00557	0.0298	0.0634
Operation (2023 to 2025): Max	3480	74.7	117	3.76	1970	0.766	258	0.0000444	0.052	4.47	0.251	0.219	4.47	800	0.000239	0.000552	0.002	0.00686	0.0634	0.0000217	26.4	1.32	46.5	0.579	0.0166	339	0.233	0.0269	0.000291	0.00414	0.00318	16.4	0.0000738	0.00214	0.00638	0.0355	0.0999
Active Closure (2026 to May 2038): Min	90.2	0.121	0.217	0.00539	20.8	0.0658	12.4	0.00000743	0.0112	0.0282	0.00864	0.0246	0.000415	15.6	0.00000465	0.000191	0.000267	0.00084	0.0433	0.00000442	2.71	0.00336	2.97	0.0589	0.00142	1.94	0.00512	0.0082	0.0000558	0.000364	0.000105	0.109	0.00000874	0.000306	0.00094	0.00246	0.0000248
Active Closure (2026 to May 2038): Average	218	2.88	4.51	0.143	93.8	0.093	17.1	0.00000896	0.0148	0.109	0.0178	0.0323	0.163	45.5	0.0000133	0.000209	0.000419	0.000971	0.0876	0.00000579	3.66	0.0516	4.09	0.0866	0.00176	14.5	0.00974	0.00861	0.0000699	0.000489	0.000171	0.719	0.0000114	0.000401	0.00114	0.00362	0.00374
Active Closure (2026 to May 2038): Max	4000	86.4	134	4.3	2280	0.878	119	0.0000503	0.0586	1.84	0.291	0.244	5.11	916	0.000272	0.00053	0.00228	0.00437	0.0989	0.0000246	29.9	1.51	32.1	0.653	0.00907	394	0.119	0.0167	0.000331	0.00346	0.00175	19.1	0.0000832	0.00192	0.0057	0.0326	0.116
Model Predictions (2023-May 2038)																																					
2023 Jan	589	6.77	16.9	1.24	184	0.157	163	0.0000158	0.0205	4.04	0.0105	0.115	0.00000585	167	0.0000105	0.000475	0.00014	0.00186	0.00693	0.00000595	12.6	0.00341	33	0.0408	0.0142	1.61	0.176	0.0269	0.000188	0.00355	0.00217	0.0873	0.0000272	0.00182	0.00546	0.02	0
2023 Feb	588	6.76	16.9	1.24	184	0.157	163	0.0000158	0.0205	4.04	0.0105	0.115	0.00000586	167	0.0000105	0.000475	0.00014	0.00186	0.00693	0.00000595	12.6	0.00341	33	0.0408	0.0142	1.61	0.175	0.0268	0.000188	0.00355	0.00216	0.0872	0.0000272	0.00181	0.00545	0.02	0
2023 Mar	588	6.76	16.9	1.23	184	0.157	163	0.0000158	0.0205	4.04	0.0105	0.115	0.00000586	167	0.0000105	0.000475	0.00014	0.00186	0.00692	0.00000594	12.6	0.00341	33	0.0408	0.0142	1.61	0.175	0.0268	0.000188	0.00354	0.00216	0.0872	0.0000271	0.00181	0.00545	0.02	0
2023 Apr	599	6.74	16.9	1.23	185	0.162	169	0.0000158	0.0203	4.01	0.0105	0.118	0.00000587	171	0.0000104	0.000474	0.000139	0.00227	0.00685	0.00000594	12.5	0.0034	33.6	0.0555	0.0142	1.61	0.178	0.0266	0.000173	0.00354	0.00222	0.0868	0.0000271	0.00181	0.00544	0.021	0
2023 May	616	6.7	16.8	1.22	187	0.169	178	0.0000157	0.0201	3.96	0.0105	0.122	0.0000059	175	0.0000102	0.000471	0.000137	0.00293	0.00672	0.00000592	12.5	0.00338	34.6	0.079	0.0142	1.61	0.181	0.0261	0.000149	0.00351	0.0023	0.0861	0.0000269	0.0018	0.0054	0.0226	0
2023 Jun	711	6.73	16.8	1.23	204	0.206	223	0.0000158	0.0195	3.88	0.0105	0.145	0.0000059	203	0.00000963	0.000473	0.000135	0.00588	0.00623	0.00000594	12.5	0.00339	40.1	0.184	0.0144	1.65	0.202	0.0219	0.0000476	0.00352	0.00274	0.0875	0.0000271	0.00181	0.00543	0.0301	0
2023 Jul	802	7.61	19	1.39	229	0.228	253	0.0000172	0.0222	4.39	0.0113	0.163	0.00000537	229	0.0000105	0.000528	0.000144	0.00668	0.00716	0.00000639	14	0.00377	45.2	0.21	0.0163	1.72	0.229	0.0243	0.0000483	0.00398	0.00311	0.0952	0.0000299	0.00204	0.0061	0.034	0
2023 Aug	809	7.68	19.2	1.4	232	0.23	255	0.0000173	0.0224	4.43	0.0113	0.164	0.00000533	232	0.0000106	0.000533	0.000142	0.00675	0.00724	0.00000642	14.1	0.0038	45.6	0.212	0.0164	1.72	0.231	0.0245	0.0000485	0.00401	0.00314	0.0958	0.0000302	0.00206	0.00616	0.0343	0
2023 Sep	768	7.28	18.2	1.33	220	0.22	242	0.0000167	0.0214	4.2	0.011	0.156	0.00000561	220	0.0000102	0.000508	0.000136	0.00641	0.00744	0.00000623	13.4	0.00363	43.3	0.201	0.0156	1.67	0.219	0.0233	0.0000474	0.00381	0.00298	0.0918	0.0000289	0.00195	0.00585	0.0326	0
2023 Oct	731	6.91	17.3	1.26	209	0.211	230	0.0000161	0.0207	3.98	0.0107	0.149	0.00000584	209	0.0000104	0.000485	0.000139	0.00611	0.00719	0.00000604	12.8	0.00347	41.2	0.191	0.0148	1.63	0.208	0.0222	0.000142	0.00362	0.00283	0.0886	0.0000277	0.00185	0.00557	0.0312	0
2023 Nov	704	6.65	16.6	1.22	201	0.204	221	0.0000157	0.0203	3.83	0.0105	0.143	0.00000596	201	0.0000104	0.000468	0.00014	0.0059	0.00703	0.0000059	12.4	0.00336	39.7	0.184	0.0142	1.6	0.2	0.0214	0.000202	0.00349	0.00272	0.0862	0.0000268	0.00178	0.00537	0.0301	0
2023 Dec	701	6.62	16.6	1.21	200	0.204	220	0.0000156	0.0202	3.82	0.0104	0.143	0.00000598	200	0.0000104	0.000466	0.00014	0.00588	0.00702	0.00000588	12.3	0.00335	39.5	0.183	0.0142	1.6	0.199	0.0213	0.000201	0.00347	0.00271	0.0859	0.0000267	0.00178	0.00534	0.03	0
2024 Jan	700	6.61	16.5	1.21	200	0.203	220	0.0000156	0.0202	3.81	0.0104	0.142	0.00000599	200	0.0000104	0.000465	0.00014	0.00587	0.00701	0.00000588	12.3	0.00334	39.4	0.183	0.0141	1.59	0.199	0.0212	0.0002	0.00347	0.0027	0.0857	0.0000267	0.00177	0.00533	0.0299	0
2024 Feb	699	6.6	16.5	1.21	200	0.203	220	0.0000156	0.0201	3.8	0.0104	0.142	0.00000599	200	0.0000104	0.000465	0.000139	0.00586	0.00701	0.00000587	12.3	0.00334	39.4	0.182	0.0141	1.59	0.199	0.0212	0.0002	0.00346	0.0027	0.0856	0.0000266	0.00177	0.00533	0.0299	0
2024 Mar	698	6.59	16.5	1.2	200	0.203	219	0.0000156	0.0201	3.8	0.0104	0.142	0.000006	199	0.0000104	0.000464	0.000139	0.00586	0.00701	0.00000587	12.3	0.00334	39.3	0.182	0.0141	1.59	0.198	0.0212	0.0002	0.00346	0.0027	0.0856	0.0000266	0.00177	0.00532	0.0299	0
2024 Apr	700	6.61	16.5	1.21	200	0.203	220	0.0000156	0.0202	3.81	0.0104	0.142	0.00000599	200	0.0000104	0.000465	0.000139	0.00587	0.007	0.00000588	12.3	0.00334	39.4	0.183	0.0141	1.59	0.199	0.0213	0.000198	0.00347	0.0027	0.0857	0.0000267	0.00177	0.00533	0.0299	0
2024 May	701	6.62	16.6	1.21	200	0.204	220	0.0000156	0.0201	3.82	0.0104	0.143	0.00000598	200	0.0000103	0.000466	0.000139	0.00588	0.00695	0.00000588	12.3	0.00335	39.5	0.183	0.0142	1.6	0.199	0.0213	0.000189	0.00347	0.00271	0.0858	0.0000267	0.00178	0.00534	0.03	0
2024 Jun	704	6.64	16.6	1.21	201	0.204	221	0.0000156	0.0193	3.82	0.0105	0.143	0.00000596	201	0.00000953	0.000467	0.000135	0.00586	0.00621	0.00000589	12.4	0.00335	39.6	0.183	0.0142	1.64	0.2	0.0215	0.0000477	0.00347	0.00271	0.0865	0.0000267	0.00178	0.00535	0.0298	0
2024 Jul	817	7.76	19.4	1.42	234	0.232	258	0.0000174	0.0225	4.47	0.0114	0.166	0.00000528	234	0.0000107	0.000537	0.000145	0.00681	0.00697	0.00000646	14.3	0.00384	46	0.214	0.0166	1.74	0.233	0.0248	0.0000487	0.00405	0.00317	0.0968	0.0000304	0.00208	0.00622	0.0346	0
2024 Aug	813	7.72	19.3	1.41	233	0.231	256	0.0000174	0.0225	4.45	0.0113	0.165	0.0000053	233	0.0000107	0.000535	0.000142	0.00678	0.00721	0.00000644	14.2	0.00382	45.8	0.213	0.0165	1.73	0.232	0.0246	0.0000486	0.00403	0.00315	0.0962	0.0000303	0.00207	0.00619	0.0345	0
2024 Sep	765	7.25	18.1	1.32	219	0.219	241	0.0000167	0.0213	4.18	0.011	0.155	0.00000565	219	0.0000102	0.000506	0.000136	0.00638	0.00748	0.00000622	13.4	0.00362	43.1	0.2	0.0155	1.66	0.218	0.0232	0.0000473	0.00379	0.00296	0.0915	0.0000288	0.00194	0.00583	0.0325	0
2024 Oct	731	6.92	17.3	1.26	209	0.211	230	0.0000161	0.0207	3.99	0.0107	0.149	0.00000585	209	0.0000104	0.000485	0.000139	0.00612	0.00722	0.00000604	12.8	0.00348	41.2	0.191	0.0148	1.63	0.208	0.0222	0.000139	0.00362	0.00283	0.0886	0.0000277	0.00185	0.00557	0.0312	0
2024 Nov	709	6.7	16.8	1.22	203	0.206	223	0.0000157	0.0204	3.86	0.0105	0.144	0.00000593	203	0.0000104	0.000471	0.00014	0.00595	0.00702	0.00000593	12.5	0.00338	40	0.185	0.0143	1.61	0.202	0.0215	0.000197	0.00351	0.00274	0.0867	0.000027	0.0018	0.0054	0.0303	0
2024 Dec	706	6.67	16.7	1.22	202	0.205	222	0.0000157	0.0203	3.85	0.0105	0.144	0.00000595	202	0.0000104	0.000469	0.00014	0.00592	0.00702	0.00000591	12.4	0.00337	39.8	0.184	0.0143	1.6	0.201	0.0214	0.000196	0.0035	0.00273	0.0864	0.0000269	0.00179	0.00538	0.0302	0
2025 Jan	705	6.66	16.7	1.22	201	0.205	221	0.0000157	0.0203	3.84	0.0105	0.143	0.00000596	201	0.0000104	0.000468	0.00014	0.00591	0.00701	0.0000059	12.4	0.00336	39.7	0.184	0.0142	1.6	0.2	0.0214	0.000195	0.00349	0.00272	0.0862	0.0000268	0.00179	0.00537	0.0301	0
2025 Feb	704	6.65	16.6	1.21	201	0.204	221	0.0000157	0.0202	3.83	0.0105	0.143	0.00000597	201	0.0000104	0.000468	0.00014	0.0059	0.00701	0.0000059	12.4	0.00336	39.6	0.184	0.0142	1.6	0.2	0.0214	0.000195	0.00349	0.00272	0.0861	0.0000268	0.00178	0.00536	0.0301	0
2025 Mar	703	6.64	16.6	1.21	201	0.204	221	0.0000157	0.0202	3.83	0.0105	0.143	0.00000597	201	0.0000104	0.000467	0.00014	0.0059	0.00701	0.0000059	12.4	0.00336	39.6	0.184	0.0142	1.6	0.2	0.0214	0.000195	0.00348	0.00272	0.0861	0.0000268	0.00178	0.00536	0.0301	0
2025 Apr	707	6.68	16.7	1.22	202	0.205	222	0.0000157	0.0203	3.85	0.0105	0.144	0.00000595	202	0.0000104	0.000469	0.00014	0.00592	0.00699	0.00000591	12.4	0.00337	39.8	0.184	0.0143	1.6	0.201	0.0215	0.000191	0.0035	0.00273	0.0863	0.0000269	0.00179	0.00538	0.0302	0
2025 May	710	6.71	16.8	1.23	203	0.206	223	0.0000158	0.0203	3.87	0.0105	0.144	0.00000593	203	0.0000104	0.000471	0.000139	0.00595	0.00693	0.00000593	12.5	0.00338	40	0.185	0.0144	1.61	0.202	0.0217	0.00018	0.00352	0.00274	0.0866	0.000027	0.0018	0.00541	0.0303	0
2025 Jun	705	6.65	16.6	1.21	201	0.205	221	0.0000157	0.0193	3.83	0.0105	0.144	0.00000596	201	0.00000954	0.000468	0.000135	0.00587	0.00621	0.00000589	12.4	0.00336	39.7	0.184	0.0142	1.64	0.2	0.0216	0.0000478	0.00348	0.00272	0.0867	0.0000268	0.00178	0.00536	0.0299	0
2025 Jul	817	7.76	19.4	1.42	234	0.232	257	0.0000174	0.0225	4.47	0.0114	0.166	0.00000528	234	0.0000107	0.000537	0.000145	0.00681	0.00698	0.00000646	14.3	0.00384	46	0.214	0.0166	1.74	0.233	0.0248	0.0000487	0.00405	0.00317	0.0968	0.0000304	0.00208	0.00622	0.0346	0
2025 Aug	1030	12.5	26.6	1.62	361	0.275	257	0.0000199	0.0255	4.44	0.0276	0.176	0.344	280	0.0000285	0.000552	0.000287	0.00686	0.0113	0.00000775	15.6	0.105	46.5	0.251	0.0166	24.3	0.233	0.0249	0.0000679	0.00414	0.00318	1.19	0.0000348	0.00214	0.00638	0.0355	0.00667
2025 Sep	2190	41.8	69.1	2.62	1130	0.505	188	0.0000327	0.0399	3.14	0.132	0.2	2.53	527	0.00014	0.000525	0.00118	0.00555	0.0384	0.000015	21	0.748	38.4	0.43	0.0128	172	0.176	0.0202	0.000183	0.00368	0.00244	8.34	0.000056	0.00198	0.00592	0.0328	0.0504
2025 Oct	2760	56.3	90.1	3.12	1510	0.619	154	0.0000384	0.046	2.51	0.185	0.21	3.49	648	0.000188	0.000508	0.00158	0.00488	0.0505	0.0000182	23.5	1.03	34.4	0.506	0.0108	245	0.147	0.0179	0.000239	0.00345	0.00207	11.9	0.0000649	0.00189	0.00563	0.0314	0.0722
2025 Nov	3170	66.7	105	3.48	1770	0.702	130	0.000042	0.0497	2.08	0.222	0.215	4.08	734	0.000219	0.000494	0.00183	0.00442	0.0582	0.0000203	25.2	1.21	31.6	0.551	0.0095	298	0.127	0.0164	0.000273	0.00328	0.00182	14.5	0.0000703	0.00181	0.0054	0.0304	0.0878
2025 Dec	3480	74.7	117	3.76	1970	0.766	114	0.0000444	0.052	1.77	0.251	0.219	4.47	800	0.000239	0.000482	0.002	0.00407	0.0634	0.0000217	26.4	1.32	29.6	0.579	0.00853	339	0.113	0.0153	0.000291	0.00317	0.00164	16.4	0.0000738	0.00175	0.00521	0.0297	0.0999
2026 Jan	3710	80.2	125	3.99	2110	0.815	111	0.0000467	0.0544	1.71	0.27	0.226	4.74	851	0.000253	0.000492	0.00212	0.00405	0.0672	0.0000228	27.7	1.4	29.8	0.606	0.00842	366	0.111	0.0154	0.000307	0.00322	0.00162	17.8	0.0000772	0.00178	0.00529	0.0303	0.108
2026 Feb	4000	86.4	134	4.3	2280	0.878	119	0.0000503	0.0586	1.84	0.291	0.244	5.11	916	0.000272	0.00053	0.00228	0.00437	0.0724	0.0000246	29.9	1.51	32.1	0.653	0.00907	394	0.119	0.0166	0.000331	0.00346	0.00175	19.1	0.0000832	0.00192	0.0057	0.0326	0.116
2026 Mar	3970	85.9	134	4.27	2260	0.873	118	0.00005	0.0582	1.83	0.289	0.242	5.07	911	0.000271	0.000527	0.00226	0.00434	0.0719	0.0000244	29.7	1.5	31.9	0.648	0.00901	391	0.118	0.0165	0.000329	0.00344	0.00174	19	0.0000826	0.0019	0.00566	0.0324	0.115
2026 Apr	3810	82.2	128	4.09	2170	0.841	119	0.0000485	0.0568	1.84	0.277	0.235	4.85	876	0.00026	0.000523	0.00217	0.00422	0.0693	0.0000239	28.8	1.44	31.4	0.622	0.00896	375	0.118	0.0167	0.000317	0.00338	0.00172	18.2	0.00008	0.00188	0.00556	0.0316	0.11
2026 May	3470	73.9	115	3.68	1960	0.768	117	0.0000449	0.0535	1.82	0.25	0.217	4.37	799	0.000235	0.000508	0.00197	0.00394	0.0634	0.0000224	26.6	1.29	30	0.563	0.00873	337	0.115	0.0166	0.00029	0.00323	0.00166	16.4	0.0000738	0.00182	0.0053	0.0297	0.0994
2026 Jun	261	2.42	3.77	0.12	101	0.0969	43.5	0.00000962	0.0138	0.621	0.016	0.0394	0.139	66.4	0.0000131	0.000232	0.000267	0.000955	0.0433	0.00000616	4.56	0.0435	8.29	0.0589	0.00308	12.3	0.0346	0.0084	0.0000558	0.000854	0.000472	0.593	0.000013	0.000583	0.0016	0.00611	0.00318
2026 Jul	101	0.194	0.338	0.00937	24.2	0.0697	15.5	0.00000788	0.0113	0.0525	0.00978	0.0273	0.0028	18.6	0.00000506	0.000217	0.00039	0.000852	0.0967	0.00000453	2.85	0.00429	3.46	0.0789	0.00177	2.38	0.00678	0.00904	0.0000634	0.000421	0.000124	0.131	0.00000928	0.000322	0.00112	0.00262	0.0000859
2026 Aug	98	0.171	0.302	0.00821	23	0.0693	14.4	0.00000785	0.0113	0.0318	0.00975	0.027	0.0013	17.4	0.00000494	0.000216	0.000397	0.000852	0.0989	0.00000448	2.81	0.0039	3.3	0.08	0.00172	2.29	0.00578	0.00908	0.0000638	0.000404	0.000112	0.127	0.00000919	0.000311	0.0011	0.00251	0.0000521
2026 Sep	96.4	0.163	0.29	0.0078	22.4	0.0685	14.1	0.00000776	0.0112	0.0282	0.00961	0.0267	0.000931	17	0.00000486	0.000212	0.000393	0.000843	0.0981	0.00000442	2.77	0.00376	3.23	0.0791	0.00169	2.24	0.00554	0.00899	0.000063	0.000395	0.000108	0.125	0.00000907	0.000306	0.00108	0.00247	0.0000434
2026 Oct	96.1	0.162	0.288	0.00774	22.4	0.0682	14	0.00000773	0.0112	0.0292	0.00957	0.0266	0.00091	16.9	0.00000484	0.000212	0.000391	0.00084	0.0976	0.00000442	2.76	0.00374	3.23	0.0787	0.00168	2.22	0.00556	0.00895	0.0000632	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00246	0.0000427
2026 Nov	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0295	0.00957	0.0266	0.000909	16.9	0.00000485	0.000212	0.000391	0.00084	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00894	0.0000634	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2026 Dec	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0296	0.00957	0.0266	0.000909	16.9	0.00000485	0.000212	0.000391	0.00084	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00894	0.0000634	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2027 Jan	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0296	0.00957	0.0266	0.000909	16.9	0.00000485	0.000212	0.000391	0.00084	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00894	0.0000634	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2027 Feb	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0297	0.00957	0.0266	0.000909	16.9	0.00000485	0.000212	0.000391	0.00084	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00894	0.0000634	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2027 Mar	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0297	0.00957	0.0266	0.000909	16.9	0.00000485	0.000212	0.000391	0.00084	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00894	0.0000634	0.000394	0.000108	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2027 Apr	96.1	0.162	0.288	0.00774	22.4	0.0682	14.1	0.00000773	0.0112	0.0298	0.00957	0.0266	0.000909	17	0.00000485	0.000212	0.000391	0.000841	0.0975	0.00000442	2.76	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00895	0.0000634	0.000395	0.000109	0.124	0.00000904	0.000306	0.00108	0.00247	0.0000427
2027 May	96.2	0.162	0.288	0.00774	22.4	0.0684	14.1	0.00000775	0.0113	0.0299	0.00959	0.0266	0.000909	17	0.00000487	0.000212	0.000391	0.000844	0.0976	0.00000447	2.77	0.00374	3.23	0.0786	0.00168	2.22	0.00558	0.00895	0.0000637	0.000397	0.000109	0.124	0.00000908	0.00031	0.00108	0.00248	0.0000427
2027 Jun	96.2	0.158	0.282	0.00754	22.4	0.0702	14.2	0.00000795	0.0129	0.0324	0.00967	0.0268	0.00085	17	0.00000506	0.000221	0.000389	0.000882	0.0968	0.00000514	2.87	0.00374	3.24	0.0777	0.0017	2.21	0.00568	0.00891	0.0000648	0.000424	0.000117	0.123	0.00000945	0.000356	0.00111	0.00264	0.0000408
2027 Jul	95.8	0.153	0.275	0.00726	22.3	0.0697	14	0.00000789	0.013	0.0326	0.00955	0.0266	0.000755	16.9	0.00000501	0.000217	0.000386	0.000879	0.096	0.00000512	2.85	0.0037	3.21	0.0766	0.00167	2.18	0.00563	0.00886	0.0000639	0.000416	0.000116	0.122	0.00000936	0.000353	0.00109	0.00262	0.000038
2027 Aug	95.3	0.15	0.269	0.00705	22.1	0.0692	13.8	0.00000782	0.0129	0.0321	0.00943	0.0264	0.000687	16.8	0.00000495	0.000213	0.000384	0.000874	0.0955	0.00000506	2.83	0.00366	3.18	0.0757	0.00164	2.15	0.00555	0.00881	0.000063	0.000408	0.000114	0.121	0.00000926	0.000348	0.00107	0.0026	0.0000359
2027 Sep	94.4	0.147	0.264	0.00689	21.9	0.0685	13.7	0.00000773	0.0129	0.0329	0.00931	0.0261	0.000652	16.6	0.00000489	0.00021	0.000379	0.000866	0.0943	0.00000502	2.81	0.00362	3.15	0.0746	0.00162	2.12	0.00553	0.00871	0.0000622	0.000402	0.000113	0.119	0.00000916	0.000345	0.00105	0.00258	0.0000347
2027 Oct	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0128	0.0333	0.00927	0.026	0.000643	16.6	0.00000487	0.000209	0.000378	0.000864	0.0939	0.00000501	2.8	0.0036	3.14	0.0742	0.00161	2.11	0.00553	0.00868	0.0000622	0.000401	0.000113	0.119	0.00000913	0.000344	0.00105	0.00257	0.0000343
2027 Nov	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0129	0.0335	0.00927	0.026	0.000642	16.6	0.00000488	0.000209	0.000378	0.000864	0.0938	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000344	0.00105	0.00258	0.0000343
2027 Dec	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0129	0.0335	0.00927	0.026	0.000642	16.6	0.00000488	0.00021	0.000378	0.000864	0.0938	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000345	0.00105	0.00258	0.0000343
2028 Jan	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0129	0.0336	0.00927	0.026	0.000642	16.6	0.00000488	0.00021	0.000378	0.000864	0.0938	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000345	0.00105	0.00258	0.0000343
2028 Feb	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0129	0.0336	0.00927	0.026	0.000642	16.6	0.00000488	0.00021	0.000378	0.000864	0.0938	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000345	0.00105	0.00258	0.0000343
2028 Mar	94.1	0.146	0.262	0.00684	21.9	0.0682	13.6	0.00000771	0.0129	0.0336	0.00927	0.026	0.000642	16.6	0.00000488	0.00021	0.000378	0.000864	0.0938	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000345	0.00105	0.00258	0.0000343
2028 Apr	94.1	0.146	0.262	0.00684	21.9	0.0683	13.6	0.00000771	0.0129	0.0337	0.00927	0.026	0.000642	16.6	0.00000488	0.00021	0.000378	0.000864	0.0939	0.00000502	2.8	0.0036	3.15	0.0742	0.00161	2.11	0.00554	0.00867	0.0000625	0.000402	0.000113	0.119	0.00000913	0.000345	0.00105	0.00258	0.0000343
2028 May	94.2	0.146	0.262	0.00684	21.9	0.0683	13.6	0.00000772	0.0129	0.0338	0.00928	0.026	0.000643	16.6	0.00000488	0.00021	0.000378	0.000865	0.0939	0.00000503	2.8	0.0036	3.15	0.0743	0.00161	2.11	0.00554	0.00868	0.0000625	0.000402	0.000113	0.119	0.00000914	0.000345	0.00105	0.00258	0.0000343
2028 Jun	93.9	0.143	0.257	0.00668	21.8	0.0688	13.6	0.00000778	0.0136	0.0349	0.00927	0.026	0.000616	16.6	0.00000495	0.000212	0.000375	0.000879	0.0931	0.00000531	2.84	0.00359	3.14	0.0733	0.0016	2.09	0.00556	0.00863	0.0000627	0.000411	0.000116	0.118	0.00000927	0.000364	0.00106	0.00264	0.0000333
2028 Jul	93.2	0.139	0.25	0.00643	21.6	0.0683	13.4	0.00000771	0.0136	0.0342	0.00914	0.0257	0.000566	16.4	0.00000489	0.000208	0.000372	0.000875	0.0922	0.00000528	2.82	0.00355	3.1	0.0721	0.00157	2.06	0.00546	0.00856	0.0000619	0.000402	0.000114	0.117	0.00000917	0.000359	0.00103	0.00262	0.0000314
2028 Aug	92.9	0.137	0.246	0.00628	21.5	0.0678	13.2	0.00000765	0.0134	0.0339	0.00905	0.0256	0.000535	16.3	0.00000483	0.000204	0.000371	0.000869	0.0918	0.00000519	2.8	0.00353	3.08	0.0714	0.00154	2.05	0.0054	0.00852	0.0000613	0.000393	0.000112	0.116	0.00000907	0.000352	0.00101	0.0026	0.0000303
2028 Sep	92.3	0.135	0.242	0.00615	21.4	0.0672	13	0.00000759	0.0133	0.034	0.00895	0.0253	0.000513	16.1	0.00000478	0.000201	0.000367	0.000862	0.091	0.00000512	2.77	0.0035	3.06	0.0705	0.00152	2.03	0.00536	0.00845	0.0000606	0.000386	0.00011	0.115	0.00000897	0.000346	0.000997	0.00257	0.0000294
2028 Oct	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0341	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000606	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.0000291
2028 Nov	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0342	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.000029
2028 Dec	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0342	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.000029
2029 Jan	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0343	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.000029
2029 Feb	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0343	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.000029
2029 Mar	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0343	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000893	0.000344	0.00099	0.00256	0.000029
2029 Apr	92	0.134	0.241	0.00609	21.3	0.067	13	0.00000756	0.0133	0.0344	0.00891	0.0252	0.000505	16.1	0.00000476	0.0002	0.000366	0.000858	0.0906	0.0000051	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00534	0.00842	0.0000607	0.000383	0.00011	0.114	0.00000894	0.000344	0.000991	0.00256	0.0000291
2029 May	92	0.134	0.241	0.0061	21.3	0.067	13	0.00000756	0.0133	0.0344	0.00891	0.0252	0.000506	16.1	0.00000476	0.0002	0.000366	0.000859	0.0906	0.00000511	2.76	0.00349	3.05	0.0701	0.00151	2.02	0.00535	0.00842	0.0000608	0.000384	0.00011	0.114	0.00000894	0.000345	0.000991	0.00257	0.0000291
2029 Jun	91.7	0.132	0.237	0.00598	21.3	0.0671	12.9	0.00000757	0.0135	0.0348	0.00888	0.0252	0.000489	16	0.00000477	0.0002	0.000364	0.000863	0.09	0.0000052	2.77	0.00347	3.04	0.0694	0.0015	2	0.00533	0.00838	0.0000608	0.000384	0.00011	0.114	0.00000897	0.00035	0.000987	0.00258	0.0000283
2029 Jul	90.9	0.128	0.231	0.00576	21	0.0665	12.6	0.00000751	0.0135	0.0338	0.00877	0.0249	0.000457	15.8	0.00000472	0.000195	0.00036	0.000856	0.089	0.00000515	2.75	0.00344	3	0.0681	0.00146	1.98	0.00522	0.0083	0.0000602	0.000375	0.000108	0.112	0.00000887	0.000344	0.000963	0.00256	0.0000269
2029 Aug	90.3	0.126	0.226	0.0056	20.9	0.0659	12.4	0.00000744	0.0133	0.0329	0.00866	0.0246	0.000433	15.6	0.00000465	0.000191	0.000358	0.000848	0.0882	0.00000507	2.72	0.00341	2.97	0.0672	0.00143	1.96	0.00512	0.00823	0.0000597	0.000364	0.000105	0.111	0.00000875	0.000336	0.000942	0.00253	0.0000259
2029 Sep	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0336	0.00864	0.0246	0.00043	15.6	0.00000465	0.000191	0.000357	0.000847	0.088	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00514	0.00821	0.0000596	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000258
2029 Oct	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0339	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000357	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000597	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2029 Nov	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.034	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000356	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000598	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2029 Dec	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0341	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000356	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000598	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2030 Jan	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0341	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000356	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000598	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2030 Feb	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0341	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000356	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000598	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2030 Mar	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0341	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000356	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000598	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2030 Apr	90.2	0.125	0.225	0.00557	20.8	0.0658	12.4	0.00000743	0.0133	0.0342	0.00864	0.0246	0.000429	15.6	0.00000465	0.000191	0.000357	0.000847	0.0879	0.00000506	2.71	0.0034	2.97	0.0669	0.00142	1.95	0.00516	0.00821	0.0000599	0.000364	0.000106	0.111	0.00000874	0.000336	0.00094	0.00253	0.0000257
2030 May	90.3	0.125	0.225	0.00557	20.9	0.0658	12.4	0.00000743	0.0133	0.0342	0.00865	0.0246	0.00043	15.7	0.00000465	0.000191	0.000357	0.000847	0.088	0.00000506	2.72	0.0034	2.97	0.0669	0.00143	1.95	0.00516	0.00822	0.0000599	0.000364	0.000106	0.111	0.00000875	0.000336	0.000941	0.00254	0.0000257
2030 Jun	90.3	0.125	0.225	0.00556	20.9	0.0658	12.5	0.00000743	0.0133	0.0352	0.00864	0.0246	0.000428	15.7	0.00000465	0.000191	0.000356	0.000847	0.0877	0.00000507	2.72	0.00339	2.98	0.0668	0.00143	1.95	0.00521	0.0082	0.0000598	0.000365	0.000106	0.111	0.00000875	0.000337	0.000941	0.00254	0.0000257
2030 Jul	90.5	0.125	0.225	0.00556	20.9	0.0659	12.5	0.00000744	0.0133	0.0362	0.00865	0.0246	0.000428	15.7	0.00000466	0.000191	0.000356	0.000848	0.0877	0.00000508	2.72	0.00339	2.99	0.0668	0.00143	1.95	0.00526	0.00821	0.0000599	0.000366	0.000107	0.111	0.00000876	0.000338	0.000943	0.00255	0.0000257
2030 Aug	90.7	0.125	0.225	0.00556	21	0.066	12.6	0.00000746	0.0134	0.0371	0.00866	0.0247	0.000428	15.8	0.00000467	0.000192	0.000356	0.00085	0.0878	0.0000051	2.73	0.0034	3	0.0668	0.00143	1.95	0.0053	0.00822	0.0000599	0.000368	0.000108	0.111	0.00000878	0.000339	0.000945	0.00256	0.0000257
2030 Sep	90.8	0.125	0.224	0.00555	21	0.066	12.6	0.00000746	0.0134	0.038	0.00866	0.0247	0.000428	15.8	0.00000467	0.000192	0.000356	0.00085	0.0877	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00534	0.00822	0.0000599	0.000369	0.000108	0.111	0.00000879	0.00034	0.000946	0.00256	0.0000256
2030 Oct	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0383	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000601	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2030 Nov	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0384	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2030 Dec	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0384	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2031 Jan	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0384	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2031 Feb	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0385	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2031 Mar	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0385	0.00865	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256

Appendix C4: IVR Pit

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2031 Apr	90.8	0.125	0.224	0.00555	21	0.066	12.7	0.00000746	0.0134	0.0385	0.00866	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.00085	0.0876	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00536	0.00821	0.0000602	0.000369	0.000109	0.111	0.00000879	0.00034	0.000946	0.00257	0.0000256
2031 May	90.8	0.125	0.224	0.00555	21	0.0661	12.7	0.00000746	0.0134	0.0386	0.00866	0.0247	0.000428	15.9	0.00000468	0.000192	0.000356	0.000851	0.0877	0.00000511	2.73	0.00339	3.01	0.0667	0.00144	1.95	0.00537	0.00822	0.0000602	0.000369	0.000109	0.111	0.0000088	0.00034	0.000947	0.00257	0.0000256
2031 Jun	90.8	0.124	0.224	0.00553	21	0.066	12.7	0.00000746	0.0134	0.0395	0.00865	0.0247	0.000427	15.9	0.00000468	0.000192	0.000355	0.00085	0.0874	0.00000512	2.73	0.00339	3.02	0.0666	0.00144	1.95	0.00541	0.00821	0.0000602	0.00037	0.000109	0.111	0.0000088	0.000341	0.000947	0.00257	0.0000256
2031 Jul	91	0.124	0.224	0.00553	21.1	0.0661	12.8	0.00000747	0.0134	0.0406	0.00866	0.0247	0.000426	16	0.00000469	0.000192	0.000355	0.000851	0.0874	0.00000513	2.74	0.00339	3.03	0.0666	0.00144	1.95	0.00546	0.00821	0.0000602	0.000371	0.00011	0.111	0.00000881	0.000342	0.000949	0.00258	0.0000256
2031 Aug	91.2	0.124	0.224	0.00554	21.1	0.0662	12.8	0.00000748	0.0135	0.0414	0.00867	0.0248	0.000427	16	0.0000047	0.000193	0.000355	0.000853	0.0875	0.00000515	2.74	0.00339	3.04	0.0666	0.00145	1.95	0.0055	0.00822	0.0000603	0.000373	0.000111	0.111	0.00000883	0.000343	0.000951	0.00259	0.0000256
2031 Sep	91.3	0.124	0.224	0.00553	21.2	0.0663	12.9	0.00000749	0.0135	0.0423	0.00867	0.0248	0.000426	16	0.0000047	0.000193	0.000355	0.000853	0.0874	0.00000515	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00555	0.00822	0.0000603	0.000373	0.000111	0.111	0.00000884	0.000344	0.000952	0.0026	0.0000255
2031 Oct	91.3	0.124	0.223	0.00553	21.2	0.0663	12.9	0.00000749	0.0135	0.0426	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000604	0.000374	0.000112	0.111	0.00000884	0.000344	0.000953	0.0026	0.0000255
2031 Nov	91.3	0.124	0.223	0.00552	21.2	0.0662	12.9	0.00000749	0.0135	0.0427	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000605	0.000374	0.000112	0.11	0.00000884	0.000344	0.000953	0.0026	0.0000255
2031 Dec	91.3	0.124	0.223	0.00552	21.2	0.0662	12.9	0.00000749	0.0135	0.0427	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000605	0.000374	0.000112	0.11	0.00000884	0.000344	0.000953	0.0026	0.0000255
2032 Jan	91.3	0.124	0.223	0.00552	21.2	0.0662	12.9	0.00000749	0.0135	0.0427	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000605	0.000374	0.000112	0.11	0.00000884	0.000344	0.000953	0.0026	0.0000255
2032 Feb	91.3	0.124	0.223	0.00552	21.2	0.0662	12.9	0.00000749	0.0135	0.0427	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000605	0.000374	0.000112	0.11	0.00000884	0.000344	0.000953	0.0026	0.0000255
2032 Mar	91.3	0.124	0.223	0.00552	21.2	0.0662	12.9	0.00000749	0.0135	0.0428	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000605	0.000374	0.000112	0.11	0.00000884	0.000344	0.000953	0.0026	0.0000255
2032 Apr	91.3	0.124	0.223	0.00553	21.2	0.0663	12.9	0.00000749	0.0135	0.0428	0.00867	0.0248	0.000426	16.1	0.0000047	0.000193	0.000355	0.000853	0.0873	0.00000516	2.75	0.00339	3.04	0.0665	0.00145	1.95	0.00556	0.00822	0.0000606	0.000374	0.000112	0.111	0.00000884	0.000344	0.000953	0.0026	0.0000255
2032 May	91.4	0.124	0.223	0.00553	21.2	0.0663	12.9	0.00000749	0.0135	0.0428	0.00867	0.0248	0.000426	16.1	0.00000471	0.000193	0.000355	0.000854	0.0874	0.00000516	2.75	0.00339	3.05	0.0665	0.00145	1.95	0.00557	0.00822	0.0000606	0.000374	0.000112	0.111	0.00000884	0.000345	0.000953	0.0026	0.0000255
2032 Jun	91.4	0.124	0.223	0.00551	21.2	0.0663	12.9	0.00000749	0.0135	0.0438	0.00867	0.0248	0.000425	16.1	0.00000471	0.000193	0.000354	0.000853	0.0871	0.00000517	2.75	0.00338	3.05	0.0664	0.00145	1.95	0.00561	0.00821	0.0000605	0.000375	0.000112	0.11	0.00000885	0.000345	0.000953	0.00261	0.0000254
2032 Jul	91.6	0.124	0.223	0.00551	21.2	0.0664	13	0.0000075	0.0135	0.0448	0.00868	0.0248	0.000425	16.2	0.00000472	0.000193	0.000354	0.000854	0.0871	0.00000518	2.75	0.00338	3.06	0.0664	0.00145	1.95	0.00566	0.00822	0.0000606	0.000376	0.000113	0.11	0.00000886	0.000346	0.000956	0.00262	0.0000254
2032 Aug	91.8	0.124	0.223	0.00551	21.3	0.0665	13	0.00000751	0.0136	0.0457	0.00869	0.0249	0.000425	16.2	0.00000472	0.000193	0.000354	0.000856	0.0872	0.00000519	2.76	0.00339	3.07	0.0664	0.00146	1.95	0.0057	0.00822	0.0000606	0.000377	0.000114	0.11	0.00000888	0.000347	0.000958	0.00262	0.0000254
2032 Sep	91.8	0.124	0.223	0.00551	21.3	0.0665	13.1	0.00000752	0.0136	0.0466	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.0871	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00575	0.00822	0.0000606	0.000378	0.000114	0.11	0.00000889	0.000348	0.000959	0.00263	0.0000254
2032 Oct	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.0469	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000608	0.000378	0.000114	0.11	0.00000889	0.000348	0.000959	0.00263	0.0000254
2032 Nov	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000378	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2032 Dec	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000378	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2033 Jan	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000378	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2033 Feb	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000378	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2033 Mar	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000193	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000378	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2033 Apr	91.9	0.124	0.222	0.0055	21.3	0.0665	13.1	0.00000752	0.0136	0.047	0.00868	0.0249	0.000424	16.3	0.00000473	0.000194	0.000354	0.000856	0.087	0.0000052	2.76	0.00338	3.08	0.0663	0.00146	1.95	0.00576	0.00822	0.0000609	0.000379	0.000114	0.11	0.00000889	0.000349	0.000959	0.00263	0.0000254
2033 May	91.9	0.124	0.222	0.00551	21.3	0.0665	13.1	0.00000752	0.0136	0.0471	0.00869	0.0249	0.000424	16.3	0.00000473	0.000194	0.000354	0.000857	0.0871	0.00000521	2.76	0.00339	3.08	0.0663	0.00146	1.95	0.00577	0.00822	0.0000609	0.000379	0.000115	0.11	0.00000889	0.000349	0.00096	0.00263	0.0000254
2033 Jun	91.9	0.123	0.222	0.00549	21.3	0.0665	13.2	0.00000752	0.0136	0.0481	0.00868	0.0249	0.000423	16.3	0.00000473	0.000194	0.000353	0.000856	0.0868	0.00000521	2.76	0.00338	3.09	0.0662	0.00146	1.95	0.00581	0.00821	0.0000609	0.000379	0.000115	0.11	0.00000889	0.000349	0.00096	0.00264	0.0000253
2033 Jul	92.1	0.123	0.222	0.00549	21.4	0.0666	13.2	0.00000753	0.0136	0.0491	0.00869	0.0249	0.000423	16.4	0.00000474	0.000194	0.000353	0.000857	0.0868	0.00000523	2.77	0.00338	3.1	0.0662	0.00147	1.95	0.00586	0.00822	0.0000609	0.000381	0.000116	0.11	0.00000891	0.00035	0.000962	0.00265	0.0000253
2033 Aug	92.3	0.123	0.222	0.00549	21.5	0.0667	13.3	0.00000754	0.0137	0.0499	0.0087	0.025	0.000423	16.4	0.00000475	0.000194	0.000353	0.000859	0.0869	0.00000524	2.77	0.00338	3.11	0.0662	0.00147	1.95	0.00591	0.00823	0.000061	0.000382	0.000116	0.11	0.00000893	0.000352	0.000964	0.00266	0.0000253
2033 Sep	92.4	0.123	0.222	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0508	0.0087	0.025	0.000422	16.5	0.00000475	0.000194	0.000353	0.000859	0.0868	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00595	0.00822	0.000061	0.000383	0.000117	0.11	0.00000893	0.000352	0.000965	0.00266	0.0000253
2033 Oct	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0511	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000611	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2033 Nov	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000612	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2033 Dec	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000612	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2034 Jan	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000612	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2034 Feb	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000612	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2034 Mar	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000612	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2034 Apr	92.4	0.123	0.221	0.00548	21.5	0.0667	13.3	0.00000755	0.0137	0.0512	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0867	0.00000525	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00596	0.00822	0.0000613	0.000383	0.000117	0.11	0.00000894	0.000353	0.000965	0.00266	0.0000253
2034 May	92.5	0.123	0.221	0.00548	21.5	0.0668	13.3	0.00000755	0.0137	0.0513	0.0087	0.025	0.000422	16.5	0.00000476	0.000194	0.000353	0.000859	0.0868	0.00000526	2.78	0.00338	3.12	0.0661	0.00147	1.95	0.00597	0.00823	0.0000613	0.000384	0.000117	0.11	0.00000894	0.000353	0.000966	0.00267	0.0000253
2034 Jun	92.5	0.123	0.221	0.00547	21.5	0.0667	13.4	0.00000755	0.0137	0.0522	0.00869	0.025	0.000421	16.5	0.00000476	0.000194	0.000352	0.000859	0.0865	0.00000526	2.78	0.00337	3.12	0.066	0.00147	1.94	0.00601	0.00821	0.0000612	0.000384	0.000118	0.11	0.00000894	0.000353	0.000966	0.00267	0.0000252
2034 Jul	92.6	0.123	0.221	0.00547	21.6	0.0668	13.4	0.00000756	0.0137	0.0532	0.0087	0.025	0.000421	16.6	0.00000477	0.000195	0.000352	0.00086	0.0865	0.00000527	2.78	0.00337	3.14	0.066	0.00148	1.94	0.00606	0.00822	0.0000613	0.000385	0.000119	0.11	0.00000896	0.000355	0.000968	0.00268	0.0000252
2034 Aug	92.8	0.123	0.221	0.00547	21.6	0.0669	13.5	0.00000757	0.0138	0.0541	0.00871	0.0251	0.000421	16.6	0.00000478	0.000195	0.000353	0.000862	0.0865	0.00000529	2.79	0.00338	3.15	0.066	0.00148	1.95	0.00611	0.00823	0.0000613	0.000387	0.000119	0.11	0.00000898	0.000356	0.00097	0.00269	0.0000252
2034 Sep	92.9	0.123	0.221	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.055	0.00871	0.0251	0.000421	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00615	0.00823	0.0000613	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.00269	0.0000252
2034 Oct	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0553	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000615	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2034 Nov	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2034 Dec	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2035 Jan	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2035 Feb	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2035 Mar	92.9	0.122	0.22	0.00546	21.6	0.0669	13.5	0.00000757	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2035 Apr	92.9	0.122	0.22	0.00546	21.6	0.067	13.5	0.00000758	0.0138	0.0554	0.00871	0.0251	0.00042	16.7	0.00000478	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00337	3.15	0.0659	0.00148	1.94	0.00616	0.00822	0.0000616	0.000388	0.00012	0.11	0.00000898	0.000357	0.000971	0.0027	0.0000252
2035 May	93	0.123	0.22	0.00546	21.7	0.067	13.6	0.00000758	0.0138	0.0555	0.00872	0.0251	0.00042	16.7	0.00000479	0.000195	0.000352	0.000862	0.0864	0.0000053	2.79	0.00338	3.16	0.0659	0.00149	1.94	0.00617	0.00823	0.0000616	0.000388	0.00012	0.11	0.00000899	0.000357	0.000972	0.0027	0.0000252
2035 Jun	93	0.122	0.22	0.00544	21.7	0.067	13.6	0.00000758	0.0138	0.0564	0.00871	0.0251	0.000419	16.7	0.00000479	0.000195	0.000351	0.000862	0.0862	0.00000531	2.79	0.00337	3.16	0.0658	0.00149	1.94	0.00621	0.00822	0.0000615	0.000389	0.000121	0.11	0.00000899	0.000358	0.000972	0.0027	0.0000251
2035 Jul	93.2	0.122	0.22	0.00544	21.7	0.0671	13.7	0.00000759	0.0138	0.0574	0.00872	0.0251	0.000419	16.8	0.0000048	0.000196	0.000351	0.000863	0.0862	0.00000532	2.8	0.00337	3.17	0.0658	0.00149	1.94	0.00626	0.00822	0.0000616	0.00039	0.000122	0.11	0.00000901	0.000359	0.000974	0.00271	0.0000251
2035 Aug	93.4	0.122	0.22	0.00545	21.8	0.0672	13.7	0.0000076	0.0139	0.0583	0.00873	0.0252	0.000419	16.8	0.00000481	0.000196	0.000352	0.000864	0.0862	0.00000534	2.81	0.00337	3.18	0.0658	0.00149	1.94	0.00631	0.00823	0.0000617	0.000391	0.000122	0.11	0.00000902	0.00036	0.000976	0.00272	0.0000251
2035 Sep	93.4	0.122	0.22	0.00544	21.8	0.0672	13.8	0.0000076	0.0139	0.0591	0.00872	0.0252	0.000419	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000534	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00635	0.00823	0.0000616	0.000392	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.0000251
2035 Oct	93.5	0.122	0.219	0.00544	21.8	0.0672	13.8	0.0000076	0.0139	0.0594	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00823	0.0000618	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2035 Nov	93.5	0.122	0.219	0.00543	21.8	0.0672	13.8	0.0000076	0.0139	0.0595	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00822	0.0000619	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2035 Dec	93.5	0.122	0.219	0.00543	21.8	0.0672	13.8	0.0000076	0.0139	0.0595	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00822	0.0000619	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2036 Jan	93.5	0.122	0.219	0.00543	21.8	0.0672	13.8	0.0000076	0.0139	0.0595	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00822	0.0000619	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2036 Feb	93.5	0.122	0.219	0.00543	21.8	0.0672	13.8	0.0000076	0.0139	0.0595	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00822	0.0000619	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2036 Mar	93.5	0.122	0.219	0.00543	21.8	0.0672	13.8	0.0000076	0.0139	0.0596	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00823	0.0000619	0.000393	0.000123	0.11	0.00000903	0.000361	0.000977	0.00273	0.000025
2036 Apr	93.5	0.122	0.219	0.00544	21.8	0.0672	13.8	0.0000076	0.0139	0.0596	0.00872	0.0252	0.000418	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00636	0.00823	0.000062	0.000393	0.000123	0.11	0.00000903	0.000361	0.000978	0.00273	0.000025
2036 May	93.5	0.122	0.219	0.00544	21.8	0.0672	13.8	0.00000761	0.0139	0.0596	0.00873	0.0252	0.000419	16.9	0.00000481	0.000196	0.000351	0.000865	0.0861	0.00000535	2.81	0.00337	3.19	0.0657	0.0015	1.94	0.00637	0.00823	0.000062	0.000393	0.000123	0.11	0.00000904	0.000361	0.000978	0.00273	0.0000251
2036 Jun	93.5	0.122	0.219	0.00542	21.8	0.0672	13.8	0.00000761	0.0139	0.0606	0.00872	0.0252	0.000417	16.9	0.00000481	0.000196	0.00035	0.000865	0.0859	0.00000535	2.81	0.00336	3.2	0.0656	0.0015	1.94	0.00641	0.00822	0.0000619	0.000393	0.000124	0.109	0.00000904	0.000362	0.000978	0.00274	0.000025
2036 Jul	93.7	0.122	0.219	0.00542	21.9	0.0673	13.9	0.00000762	0.0139	0.0615	0.00873	0.0252	0.000417	17	0.00000482	0.000196	0.000351	0.000866	0.0859	0.00000537	2.82	0.00336	3.21	0.0656	0.0015	1.94	0.00646	0.00822	0.000062	0.000395	0.000124	0.109	0.00000906	0.000363	0.00098	0.00275	0.000025
2036 Aug	93.9	0.122	0.219	0.00542	21.9	0.0674	13.9	0.00000763	0.014	0.0624	0.00874	0.0253	0.000417	17	0.00000483	0.000197	0.000351	0.000867	0.0859	0.00000538	2.82	0.00337	3.22	0.0656	0.00151	1.94	0.00651	0.00823	0.000062	0.000396	0.000125	0.109	0.00000907	0.000364	0.000982	0.00275	0.000025
2036 Sep	94	0.122	0.219	0.00542	21.9	0.0674	14	0.00000763	0.014	0.0633	0.00874	0.0253	0.000417	17.1	0.00000484	0.000197	0.00035	0.000868	0.0858	0.00000539	2.82	0.00336	3.22	0.0655	0.00151	1.94	0.00655	0.00823	0.000062	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2036 Oct	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0636	0.00874	0.0253	0.000417	17.1	0.00000484	0.000197	0.00035	0.000868	0.0858	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000622	0.000397	0.000126	0.109	0.00000908	0.000365	0.000984	0.00276	0.0000249
2036 Nov	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0636	0.00874	0.0253	0.000416	17.1	0.00000484	0.000197	0.00035	0.000868	0.0857	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2036 Dec	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0637	0.00874	0.0253	0.000416	17.1	0.00000484	0.000197	0.00035	0.000868	0.0857	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2037 Jan	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0637	0.00874	0.0253	0.000416	17.1	0.00000484	0.000197	0.00035	0.000868	0.0857	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2037 Feb	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0637	0.00874	0.0253	0.000416	17.1	0.00000484	0.000197	0.00035	0.000868	0.0857	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2037 Mar	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0637	0.00874	0.0253	0.000416	17.1	0.00000484	0.000197	0.00035	0.000868	0.0857	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000983	0.00276	0.0000249
2037 Apr	94	0.121	0.218	0.00541	22	0.0674	14	0.00000763	0.014	0.0637	0.00874	0.0253	0.000417	17.1	0.00000484	0.000197	0.00035	0.000868	0.0858	0.00000539	2.82	0.00336	3.23	0.0655	0.00151	1.94	0.00656	0.00823	0.0000623	0.000397	0.000126	0.109	0.00000908	0.000365	0.000984	0.00276	0.0000249
2037 May	94.1	0.121	0.218	0.00542	22	0.0675	14	0.00000764	0.014	0.0637	0.00874	0.0253	0.000417	17.1	0.00000484	0.000197	0.00035	0.000868	0.0858	0.0000054	2.82	0.00337	3.23	0.0655	0.00151	1.94	0.00657	0.00823	0.0000623	0.000398	0.000126	0.109	0.00000909	0.000366	0.000984	0.00276	0.0000249
2037 Jun	94	0.121	0.218	0.0054	22	0.0674	14	0.00000764	0.014	0.0647	0.00873	0.0253	0.000415	17.1	0.00000484	0.000197	0.00035	0.000868	0.0856	0.0000054	2.82	0.00336	3.23	0.0654	0.00151	1.94	0.00661	0.00822	0.0000623	0.000398	0.000126	0.109	0.00000909	0.000366	0.000984	0.00277	0.0000249
2037 Jul	94.2	0.121	0.218	0.0054	22	0.0675	14.1	0.00000765	0.014	0.0657	0.00874	0.0253	0.000415	17.2	0.00000485	0.000197	0.00035	0.000869	0.0856	0.00000542	2.83	0.00336	3.24	0.0654	0.00151	1.94	0.00666	0.00823	0.0000623	0.0004	0.000127	0.109	0.0000091	0.000367	0.000986	0.00278	0.0000249
2037 Aug	94.4	0.121	0.218	0.0054	22.1	0.0676	14.2	0.00000766	0.0141	0.0665	0.00875	0.0254	0.000416	17.2	0.00000486	0.000198	0.00035	0.00087	0.0856	0.00000543	2.84	0.00336	3.25	0.0654	0.00152	1.94	0.00671	0.00824	0.0000624	0.000401	0.000128	0.109	0.00000912	0.000368	0.000988	0.00279	0.0000249
2037 Sep	94.5	0.121	0.218	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0674	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0855	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00675	0.00823	0.0000623	0.000402	0.000129	0.109	0.00000913	0.000369	0.000989	0.00279	0.0000248
2037 Oct	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0677	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000625	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2037 Nov	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2037 Dec	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2038 Jan	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2038 Feb	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2038 Mar	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000486	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.000369	0.00099	0.00279	0.0000248
2038 Apr	94.5	0.121	0.217	0.00539	22.1	0.0676	14.2	0.00000766	0.0141	0.0678	0.00875	0.0254	0.000415	17.3	0.00000487	0.000198	0.000349	0.000871	0.0854	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00676	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.00037	0.00099	0.00279	0.0000248
2038 May	94.6	0.121	0.217	0.00539	22.1	0.0677	14.2	0.00000767	0.0141	0.0679	0.00876	0.0254	0.000415	17.3	0.00000487	0.000198	0.000349	0.000871	0.0855	0.00000544	2.84	0.00336	3.26	0.0653	0.00152	1.94	0.00677	0.00823	0.0000627	0.000402	0.000129	0.109	0.00000913	0.00037	0.00099	0.0028	0.0000248

Appendix C5: Whale Tail Attenuation Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	60.5	0.0666	0.395	0.0101	13.9	0.101	13.6	0.0000166	0.00838	0.00654	0.034	0.0279	0.0000704	19.3	0.00000906	0.000103	0.000402	0.00104	0.0158	0.00000918	3.94	0.00223	3.44	0.107	0.00155	2.62	0.00104	0.00523	0.000148	0.000505	0.000106	0.176	0.00000966	0.000704	0.00357	0.00462
Operation (2023 to 2025): Average	65.2	0.377	0.6	0.0121	15.3	0.109	16.5	0.0000217	0.0183	0.0105	0.0451	0.0302	0.0000906	20.4	0.0000101	0.000236	0.000473	0.00129	0.0246	0.0000118	4.45	0.0025	3.62	0.197	0.00197	2.95	0.00315	0.00557	0.000187	0.000652	0.000137	0.231	0.0000124	0.00084	0.00458	0.00512
Operation (2023 to 2025): Max	89.8	1.13	0.959	0.0152	24.2	0.136	25.9	0.0000287	0.0323	0.0194	0.0503	0.0488	0.000101	25.2	0.0000109	0.000467	0.000581	0.00152	0.159	0.0000157	5.38	0.00365	4.84	0.419	0.00525	4.62	0.00807	0.00732	0.000201	0.001	0.000201	0.259	0.0000179	0.000998	0.00503	0.00567
Active Closure (2026 to May 2038): Min	73	0.0509	0.025	0.000488	16.7	0.0298	19.4	0.00000766	0.00918	0.000623	0.00762	0.0139	0.000108	15.5	0.00000948	0.0000608	0.000307	0.000702	0.0304	0.00000665	1.85	0.00299	2.77	0.0773	0.000454	1.11	0.00291	0.00305	0.000125	0.000126	0.000157	0.0644	0.00000383	0.000533	0.000446	0.00158
Active Closure (2026 to May 2038): Average	95.4	0.278	0.139	0.00263	20.3	0.0553	26	0.0000102	0.0228	0.00243	0.0097	0.0194	0.000185	17.6	0.0000111	0.000211	0.000384	0.000982	0.0433	0.0000118	2.85	0.00356	3.08	0.148	0.000873	1.37	0.00766	0.00416	0.000154	0.000439	0.000442	0.0865	0.0000084	0.000865	0.000886	0.0028
Active Closure (2026 to May 2038): Max	123	0.708	1.04	0.0133	25.5	0.0988	34	0.0000305	0.0557	0.0255	0.0371	0.0304	0.000237	22.9	0.0000152	0.000688	0.0005	0.00173	0.0773	0.0000248	5.45	0.00459	3.93	0.295	0.00232	2.98	0.019	0.0077	0.000177	0.00144	0.000591	0.218	0.0000234	0.0016	0.00395	0.00542
Model Predictions (2023-May 2038)																																				
2023 Jan	89.8	0.273	0.419	0.0131	24.2	0.136	25.9	0.0000166	0.00838	0.0151	0.034	0.0488	0.0000912	25.2	0.00000934	0.000426	0.000581	0.00104	0.159	0.00000918	3.94	0.00365	4.84	0.163	0.00525	4.62	0.00283	0.00732	0.000183	0.000534	0.000116	0.237	0.00000966	0.000704	0.00501	0.00462
2023 Feb	74.7	0.157	0.404	0.0114	19.2	0.117	20.5	0.0000185	0.00956	0.0104	0.0428	0.0373	0.0000962	22.2	0.00000972	0.000247	0.000538	0.00114	0.0804	0.00000965	4	0.00297	4.07	0.131	0.00336	3.72	0.00183	0.00622	0.000192	0.000516	0.00011	0.249	0.00000986	0.000742	0.00501	0.00483
2023 Mar	67.8	0.105	0.397	0.0107	16.9	0.108	18.1	0.0000193	0.0101	0.00826	0.0468	0.0321	0.0000984	20.9	0.00000988	0.000167	0.000518	0.00119	0.0452	0.00000985	4.02	0.00266	3.72	0.117	0.00251	3.32	0.00138	0.00573	0.000197	0.000508	0.000107	0.254	0.00000995	0.000758	0.00501	0.00493
2023 Apr	64.7	0.0941	0.397	0.0104	15.9	0.104	16.9	0.0000197	0.0105	0.00728	0.0486	0.0298	0.0000992	20.3	0.00000996	0.000132	0.000508	0.00121	0.0288	0.00000998	4.04	0.00252	3.57	0.114	0.00211	3.13	0.00118	0.00553	0.000199	0.000505	0.000107	0.256	0.00001	0.000767	0.005	0.00498
2023 May	63.6	0.0962	0.401	0.0103	15.5	0.103	16.5	0.00002	0.0107	0.00691	0.0495	0.0289	0.0000998	20.1	0.00001	0.000119	0.000505	0.00123	0.0217	0.0000101	4.07	0.00246	3.52	0.115	0.00195	3.06	0.00112	0.00547	0.0002	0.000507	0.000107	0.257	0.0000101	0.000774	0.00501	0.00502
2023 Jun	63.9	1.13	0.762	0.0138	14	0.119	13.8	0.0000196	0.0247	0.011	0.0361	0.0318	0.0000704	20.9	0.00000906	0.000369	0.000402	0.00122	0.0208	0.0000124	4.75	0.00225	3.88	0.419	0.00159	2.62	0.00396	0.00568	0.000148	0.000673	0.000163	0.176	0.0000131	0.000828	0.00357	0.00472
2023 Jul	68.8	0.894	0.959	0.0152	15	0.12	17	0.0000276	0.0323	0.0194	0.039	0.0319	0.0000757	21.3	0.0000105	0.000467	0.000418	0.00147	0.0209	0.0000156	5.38	0.00258	3.81	0.351	0.00186	2.75	0.00807	0.00592	0.000161	0.000992	0.000201	0.187	0.0000179	0.000974	0.00385	0.00548
2023 Aug	66.4	0.623	0.944	0.0148	14.9	0.115	16.8	0.0000257	0.0312	0.0158	0.0416	0.0305	0.0000817	20.5	0.0000106	0.000377	0.000434	0.00146	0.0199	0.0000151	5.09	0.00258	3.6	0.265	0.00187	2.76	0.00621	0.00567	0.000172	0.000908	0.000185	0.204	0.0000164	0.00099	0.00417	0.00554
2023 Sep	67.5	0.59	0.936	0.0147	15.1	0.115	17.6	0.000028	0.0313	0.0186	0.0421	0.0305	0.0000823	20.7	0.0000108	0.000408	0.000436	0.0015	0.02	0.0000155	5.22	0.00264	3.6	0.259	0.00193	2.79	0.00753	0.00573	0.000174	0.000982	0.000192	0.205	0.0000175	0.000994	0.00419	0.00563
2023 Oct	67	0.473	0.74	0.0131	15.2	0.111	17.5	0.0000267	0.0242	0.0165	0.0445	0.03	0.0000874	20.7	0.0000107	0.000338	0.000457	0.00143	0.0188	0.0000139	4.94	0.00258	3.61	0.229	0.00191	2.87	0.00628	0.00569	0.000194	0.000866	0.000168	0.22	0.0000158	0.000911	0.0044	0.00545
2023 Nov	64.5	0.298	0.56	0.0115	15.1	0.106	16.6	0.0000232	0.0172	0.0114	0.047	0.029	0.0000932	20.3	0.0000103	0.000222	0.000477	0.00132	0.0173	0.0000119	4.49	0.00248	3.54	0.176	0.00184	2.92	0.00361	0.0055	0.0002	0.000678	0.000137	0.238	0.0000128	0.000835	0.00467	0.00521
2023 Dec	63.2	0.168	0.466	0.0107	15.1	0.103	16.3	0.0000215	0.0135	0.0087	0.0488	0.0284	0.0000971	20	0.0000102	0.000155	0.000491	0.00127	0.0165	0.0000109	4.24	0.00244	3.48	0.137	0.00182	2.96	0.00218	0.0054	0.0002	0.00058	0.000119	0.249	0.0000113	0.0008	0.00486	0.0051
2024 Jan	62.7	0.108	0.424	0.0103	15.1	0.101	16.2	0.0000207	0.0118	0.00745	0.0495	0.0281	0.0000989	19.9	0.0000101	0.000124	0.000497	0.00125	0.0161	0.0000104	4.13	0.00242	3.46	0.119	0.00181	2.97	0.00151	0.00535	0.000201	0.000536	0.000111	0.255	0.0000106	0.000784	0.00495	0.00505
2024 Feb	62.4	0.0828	0.406	0.0102	15	0.101	16.1	0.0000203	0.0111	0.00692	0.0499	0.0279	0.0000997	19.8	0.0000101	0.000111	0.000499	0.00124	0.0159	0.0000102	4.08	0.00241	3.45	0.111	0.00181	2.98	0.00123	0.00533	0.000201	0.000517	0.000108	0.257	0.0000103	0.000778	0.00499	0.00503
2024 Mar	62.3	0.0711	0.398	0.0101	15	0.101	16.1	0.0000202	0.0108	0.00668	0.05	0.0279	0.0001	19.8	0.00001	0.000105	0.000501	0.00123	0.0159	0.0000101	4.06	0.00241	3.44	0.108	0.00181	2.98	0.00111	0.00533	0.000201	0.000508	0.000107	0.258	0.0000101	0.000775	0.005	0.00502
2024 Apr	62.3	0.0666	0.395	0.0101	15.1	0.101	16.1	0.0000201	0.0107	0.00658	0.0501	0.0279	0.0001	19.8	0.00001	0.000103	0.000502	0.00123	0.0158	0.0000101	4.05	0.00241	3.44	0.107	0.00181	2.99	0.00105	0.00533	0.000201	0.000505	0.000106	0.259	0.0000101	0.000774	0.00501	0.00502
2024 May	62.5	0.0737	0.398	0.0101	15.1	0.101	16.1	0.0000202	0.0108	0.00656	0.0503	0.028	0.000101	19.9	0.0000101	0.000104	0.000503	0.00124	0.0159	0.0000101	4.07	0.00242	3.46	0.109	0.00181	3	0.00104	0.00535	0.000201	0.000506	0.000107	0.259	0.0000101	0.000777	0.00503	0.00504
2024 Jun	63.1	1.04	0.709	0.0133	13.9	0.117	13.6	0.0000188	0.0227	0.00951	0.0376	0.0312	0.0000734	20.7	0.00000906	0.000326	0.000411	0.0012	0.0189	0.0000119	4.62	0.00223	3.83	0.391	0.00155	2.63	0.00317	0.00559	0.000153	0.000623	0.000154	0.185	0.0000123	0.000813	0.00371	0.0047
2024 Jul	65.9	0.799	0.854	0.0143	14.7	0.117	15.8	0.0000236	0.028	0.014	0.0403	0.0311	0.0000787	20.8	0.0000101	0.000368	0.000428	0.00137	0.0195	0.000014	4.97	0.00246	3.73	0.32	0.00176	2.73	0.00534	0.0057	0.000165	0.000815	0.000175	0.197	0.0000151	0.000925	0.004	0.00525
2024 Aug	65.8	0.579	0.913	0.0146	14.9	0.114	16.6	0.000025	0.0299	0.0147	0.0422	0.0303	0.0000831	20.4	0.0000106	0.000352	0.000439	0.00144	0.0195	0.0000147	5	0.00256	3.58	0.252	0.00186	2.76	0.00563	0.00562	0.000174	0.00087	0.000179	0.208	0.0000157	0.000978	0.00423	0.00551
2024 Sep	68	0.576	0.938	0.0147	15.2	0.115	17.9	0.0000287	0.0314	0.0193	0.0424	0.0305	0.0000828	20.7	0.0000109	0.000415	0.000437	0.00152	0.02	0.0000157	5.26	0.00266	3.6	0.256	0.00195	2.8	0.00787	0.00576	0.000175	0.001	0.000194	0.206	0.0000179	0.000998	0.00421	0.00567
2024 Oct	67.3	0.473	0.745	0.0131	15.3	0.111	17.6	0.0000271	0.0244	0.017	0.0446	0.0301	0.0000875	20.8	0.0000107	0.000345	0.000457	0.00144	0.0188	0.000014	4.98	0.0026	3.62	0.229	0.00192	2.88	0.00654	0.00571	0.000194	0.000883	0.00017	0.22	0.0000161	0.000915	0.00441	0.00548
2024 Nov	64.7	0.297	0.561	0.0115	15.1	0.106	16.7	0.0000233	0.0173	0.0116	0.047	0.029	0.0000932	20.3	0.0000103	0.000225	0.000477	0.00132	0.0173	0.0000119	4.5	0.00249	3.54	0.176	0.00185	2.92	0.00371	0.00551	0.000201	0.000684	0.000137	0.238	0.0000129	0.000837	0.00468	0.00522
2024 Dec	63.3	0.167	0.466	0.0107	15.1	0.103	16.3	0.0000215	0.0135	0.00878	0.0488	0.0284	0.0000971	20	0.0000102	0.000156	0.000491	0.00127	0.0165	0.0000109	4.24	0.00244	3.48	0.137	0.00182	2.96	0.00222	0.0054	0.000201	0.000583	0.00012	0.249	0.0000113	0.000801	0.00486	0.0051
2025 Jan	62.7	0.108	0.424	0.0103	15.1	0.101	16.2	0.0000207	0.0118	0.00748	0.0495	0.0281	0.0000989	19.9	0.0000101	0.000125	0.000497	0.00125	0.0161	0.0000104	4.13	0.00242	3.46	0.119	0.00181	2.97	0.00153	0.00536	0.000201	0.000537	0.000112	0.255	0.0000106	0.000785	0.00495	0.00505
2025 Feb	62.4	0.0828	0.406	0.0102	15.1	0.101	16.1	0.0000203	0.0111	0.00693	0.0499	0.0279	0.0000997	19.8	0.0000101	0.000111	0.000499	0.00124	0.0159	0.0000102	4.08	0.00241	3.45	0.111	0.00181	2.98	0.00124	0.00533	0.000201	0.000517	0.000108	0.257	0.0000103	0.000778	0.00499	0.00503
2025 Mar	62.3	0.0713	0.398	0.0101	15.1	0.101	16.1	0.0000202	0.0108	0.00669	0.05	0.0279	0.0001	19.8	0.00001	0.000105	0.000501	0.00123	0.0159	0.0000101	4.06	0.00241	3.44	0.108	0.00181	2.98	0.00111	0.00533	0.000201	0.000509	0.000107	0.258	0.0000101	0.000775	0.005	0.00502
2025 Apr	62.3	0.0674	0.396	0.0101	15.1	0.101	16.1	0.0000201	0.0107	0.00658	0.0501	0.0279	0.0001	19.8	0.00001	0.000103	0.000502	0.00123	0.0159	0.0000101	4.05	0.00241	3.44	0.107	0.00181	2.99	0.00105	0.00533	0.000201	0.000506	0.000106	0.259	0.0000101	0.000775	0.00501	0.00503
2025 May	62.6	0.0727	0.399	0.0101	15.1	0.101	16.1	0.0000202	0.0108	0.00664	0.0503	0.028	0.000101	19.9	0.0000101	0.000105	0.000503	0.00124	0.0159	0.0000101	4.07	0.00242	3.46	0.109	0.00182	3	0.00107	0.00536	0.000201	0.000509	0.000107	0.259	0.0000102	0.000778	0.00503	0.00505
2025 Jun	68.7	1.03	0.795	0.014	14.8	0.12	16.4	0.0000264	0.0267	0.0188	0.0385	0.0323	0.0000741	21.7	0.00000999	0.000458	0.000416	0.00138	0.0199	0.0000142	5.25	0.00247	3.93	0.398	0.00176	2.76	0.00769	0.00597	0.000157	0.000909	0.000188	0.184	0.0000168	0.000879	0.00373	0.00515
2025 Jul	64.8	0.809	0.852	0.0143	14.5	0.116	15.2	0.0000222	0.0277	0.0123	0.0399	0.0309	0.0000783	20.6	0.00000992	0.000347	0.000425	0.00134	0.0194	0.0000137	4.87	0.00242	3.71	0.321	0.00172	2.7	0.00453	0.00563	0.000164	0.000767	0.00017	0.196	0.0000143	0.000918	0.00398	0.00518
2025 Aug	62.4	0.575	0.868	0.0142	14.4	0.112	14.9	0.0000203	0.0277	0.00897	0.0418	0.0296	0.0000828	19.7	0.00001	0.00027	0.000436	0.00134	0.0188	0.0000134	4.61	0.00242	3.51	0.245	0.00173	2.69	0.00283	0.00538	0.000172	0.000696	0.000158	0.208	0.000013	0.000942	0.00423	0.00525
2025 Sep	60.5	0.574	0.845	0.014	14	0.11	14.2	0.0000186	0.0267	0.00698	0.0412	0.0291	0.000082	19.3	0.00000974	0.000241	0.000431	0.00129	0.0186	0.0000128	4.44	0.00235	3.45	0.242	0.00168	2.63	0.00186	0.00523	0.00017	0.000631	0.00015	0.206	0.0000119	0.000921	0.00419	0.00511
2025 Oct	61	0.47	0.662	0.0125	14.3	0.107	14.5	0.0000186	0.0203	0.00654	0.0436	0.0288	0.0000868	19.6	0.00000974	0.000196	0.000452	0.00124	0.0177	0.0000116	4.28	0.00233	3.49	0.217	0.00169	2.74	0.00145	0.00527	0.00019	0.000566	0.000133	0.221	0.000011	0.000849	0.0044	0.005
2025 Nov	61.7	0.296	0.523	0.0113	14.6	0.104	15.2	0.0000193	0.0154	0.00665	0.0466	0.0285	0.000093	19.7	0.00000987	0.000154	0.000475	0.00123	0.0168	0.0000108	4.17	0.00236	3.48	0.171	0.00174	2.86	0.0013	0.00531	0.000199	0.000534	0.00012	0.238	0.0000106	0.000806	0.00467	0.00499
2025 Dec	62	0.166	0.449	0.0106	14.9	0.102	15.7	0.0000197	0.0127	0.00656	0.0486	0.0281	0.000097	19.8	0.00000996	0.000124	0.00049	0.00123	0.0162	0.0000104	4.1	0.00239	3.46	0.134	0.00178	2.93	0.00114	0.00531	0.0002	0.000516	0.000112	0.25	0.0000103	0.000787	0.00486	0.005
2026 Jan	79	0.164	0.402	0.0104	18.8	0.0963	19.4	0.0000166	0.0113	0.0066	0.0371	0.0304	0.000108	20.5	0.00000948	0.000184	0.000499	0.00112	0.0553	0.00000905	3.72	0.00299	3.7	0.125	0.00225	2.98	0.00291	0.00713	0.000177	0.000486	0.000157	0.218	0.00000962	0.000695	0.00395	0.00427
2026 Feb	94.6	0.17	0.347	0.00942	21.8	0.0836	23.7	0.0000135	0.0105	0.00578	0.0261	0.0297	0.000136	20.9	0.00000954	0.00021	0.000498	0.00101	0.0765	0.00000805	3.28	0.00349	3.8	0.122	0.00232	2.78	0.00496	0.0077	0.000163	0.000436	0.000238	0.182	0.00000855	0.000634	0.00292	0.00345
2026 Mar	103	0.155	0.3	0.00825	23.2	0.0722	26.7	0.000012	0.01	0.00475	0.0208	0.0276	0.000165	21	0.00000999	0.000198	0.000497	0.000951	0.0773	0.00000764	3	0.00373	3.79	0.117	0.0021	2.52	0.00631	0.00727	0.000162	0.000395	0.000307	0.162	0.00000769	0.00062	0.00231	0.00296
2026 Apr	110	0.14	0.261	0.00722	24	0.0625	29	0.0000109	0.00967	0.0038	0.0172	0.0255	0.000189	21.1	0.0000104	0.000182	0.000496	0.000912	0.0748	0.00000738	2.79	0.00389	3.75	0.113	0.00187	2.28	0.00736	0.00676	0.000163	0.000362	0.000363	0.147	0.00000701	0.000614	0.00185	0.00259
2026 May	115	0.133	0.243	0.00659	24.8	0.0566	30.9	0.0000108	0.00988	0.00368	0.015	0.0242	0.000207	21.4	0.0000109	0.000179	0.0005	0.000906	0.0726	0.00000746	2.71	0.00405	3.76	0.113	0.00171	2.14	0.0084	0.00642	0.000166	0.000361	0.000407	0.138	0.0000069	0.000623	0.00155	0.0024
2026 Jun	113	0.688	0.801	0.0114	23.4	0.0854	30.7	0.0000183	0.0346	0.0115	0.0145	0.0281	0.000191	22.5	0.0000132	0.00046	0.00045	0.00134	0.0593	0.0000169	4.32	0.00419	3.93	0.28	0.00172	1.99	0.012	0.00611	0.000164	0.000904	0.000507	0.108	0.000015	0.00117	0.00156	0.00402
2026 Jul	108	0.708	1.04	0.0133	22.6	0.0952	27.8	0.0000165	0.0445	0.00817	0.0136	0.029	0.000169	21.2	0.0000132	0.000477	0.000425	0.0015	0.0603	0.0000196	4.66	0.00418	3.74	0.27	0.00173	1.88	0.0101	0.00613	0.000154	0.00098	0.000497	0.101	0.000016	0.00137	0.00161	0.00468
2026 Aug	110	0.593	1.02	0.0128	23.2	0.0898	28.4	0.0000147	0.0433	0.00585	0.0129	0.0279	0.000179	21	0.0000132	0.000423	0.000435	0.00147	0.0616	0.0000187	4.43	0.00426	3.68	0.233	0.00166	1.82	0.00944	0.006	0.000157	0.000896	0.000502	0.103	0.0000147	0.00134	0.00153	0.0045
2026 Sep	109	0.57	0.96	0.0121	22.8	0.084	28.3	0.000013	0.0408	0.00408	0.012	0.0264	0.000185	20.6	0.0000129	0.000378	0.000428	0.0014	0.0585	0.0000174	4.16	0.00415	3.59	0.224	0.00153	1.71	0.0088	0.00559	0.000156	0.000797	0.000501	0.0989	0.0000131	0.00127	0.0014	0.0042
2026 Oct	110	0.497	0.821	0.0106	22.9	0.0773	28.5	0.000012	0.0358	0.00329	0.0114	0.0252	0.00019	20.3	0.0000125	0.000334	0.000431	0.00131	0.0582	0.0000158	3.87	0.00411	3.53	0.204	0.00144	1.67	0.0086	0.00545	0.000159	0.000706	0.000493	0.0994	0.0000118	0.00117	0.00129	0.00384
2026 Nov	112	0.388	0.674	0.00905	23.4	0.0696	29.1	0.0000112	0.0303	0.00266	0.011	0.0239	0.000197	20.2	0.0000122	0.000287	0.00044	0.00123	0.0594	0.0000141	3.55	0.00413	3.5	0.174	0.00137	1.66	0.00857	0.00541	0.000161	0.000615	0.000486	0.103	0.0000104	0.00106	0.00119	0.00346
2026 Dec	114	0.283	0.524	0.00752	23.9	0.0608	30	0.0000104	0.0244	0.00222	0.0106	0.0226	0.000208	20.2	0.0000119	0.000237	0.000452	0.00112	0.0602	0.0000121	3.19	0.00415	3.48	0.146	0.0013	1.65	0.00871	0.00534	0.000161	0.000514	0.000482	0.106	0.00000895	0.000933	0.00108	0.003
2027 Jan	116	0.212	0.403	0.0063	24.2	0.0535	30.8	0.00000983	0.0195	0.00192	0.0102	0.0215	0.000217	20.3	0.0000117	0.000197	0.000461	0.00102	0.0605	0.0000104	2.89	0.00415	3.47	0.128	0.00123	1.64	0.00884	0.00526	0.000161	0.000428	0.000479	0.108	0.00000769	0.000824	0.000989	0.0026
2027 Feb	118	0.167	0.32	0.00547	24.5	0.0484	31.3	0.00000941	0.016	0.00173	0.01	0.0207	0.000223	20.3	0.0000115	0.00017	0.000467	0.000957	0.0605	0.00000918	2.68	0.00414	3.47	0.117	0.00118	1.63	0.00894	0.0052	0.000161	0.000367	0.000478	0.11	0.0000068	0.000747	0.000921	0.00232
2027 Mar	119	0.137	0.262	0.00489	24.6	0.0449	31.7	0.00000912	0.0136	0.00161	0.00985	0.0202	0.000227	20.4	0.0000114	0.000151	0.000471	0.00091	0.0605	0.00000834	2.54	0.00414	3.47	0.11	0.00115	1.63	0.00902	0.00515	0.000161	0.000325	0.000477	0.111	0.00000618	0.000693	0.000873	0.00212
2027 Apr	119	0.119	0.223	0.00451	24.8	0.0427	31.9	0.00000893	0.012	0.00153	0.00975	0.0199	0.00023	20.4	0.0000113	0.000138	0.000475	0.000878	0.0607	0.00000777	2.44	0.00414	3.48	0.106	0.00113	1.63	0.00907	0.00514	0.000162	0.000296	0.000476	0.112	0.00000577	0.000656	0.000841	0.00198
2027 May	123	0.112	0.213	0.00439	25.5	0.0441	34	0.0000129	0.0138	0.00619	0.0106	0.0205	0.000237	21.3	0.000012	0.000202	0.000486	0.000959	0.0609	0.00000897	2.74	0.00432	3.58	0.112	0.00123	1.71	0.0115	0.00533	0.000168	0.000436	0.000504	0.114	0.00000799	0.000697	0.000885	0.00219
2027 Jun	110	0.637	0.403	0.00653	23.5	0.0887	33.8	0.0000305	0.0481	0.0255	0.0149	0.0281	0.00019	22.9	0.0000152	0.000688	0.000434	0.00161	0.053	0.0000232	5.26	0.00459	3.84	0.295	0.00178	1.95	0.019	0.0061	0.000169	0.00144	0.000591	0.0969	0.0000234	0.00145	0.00149	0.00486
2027 Jul	100	0.625	0.481	0.00716	22.5	0.0988	30	0.0000272	0.0557	0.0205	0.0145	0.0292	0.000163	21.5	0.0000148	0.00067	0.000412	0.00173	0.056	0.0000248	5.45	0.00451	3.64	0.276	0.00181	1.89	0.0159	0.00625	0.000158	0.00144	0.000556	0.0941	0.0000233	0.0016	0.00162	0.00542
2027 Aug	102	0.521	0.509	0.0072	22.9	0.0924	29.9	0.000024	0.0526	0.0166	0.0138	0.0279	0.000172	21.1	0.0000144	0.000587	0.000421	0.00165	0.0573	0.0000231	5.08	0.0045	3.57	0.238	0.00172	1.83	0.0144	0.00607	0.000159	0.00128	0.000546	0.0968	0.0000208	0.00152	0.00155	0.0051
2027 Sep	102	0.498	0.503	0.00701	22.6	0.0857	29.2	0.00002	0.0478	0.0123	0.0128	0.0264	0.000178	20.5	0.0000138	0.000499	0.000418	0.00153	0.0555	0.0000207	4.63	0.00434	3.49	0.225	0.00156	1.72	0.0125	0.00569	0.000157	0.00108	0.000531	0.0952	0.0000177	0.00141	0.00142	0.00464
2027 Oct	102	0.433	0.402	0.00595	22.5	0.0771	28.6	0.0000164	0.0401	0.00855	0.0117	0.0247	0.000183	20	0.000013	0.000405	0.000419	0.00138	0.0551	0.0000178	4.12	0.0042	3.41	0.202	0.0014	1.63	0.0108	0.00542	0.000158	0.000874	0.000507	0.0955	0.0000145	0.00125	0.00126	0.00407
2027 Nov	105	0.331	0.309	0.0049	22.9	0.0687	29.1	0.0000149	0.0336	0.00709	0.0111	0.0233	0.000192	19.9	0.0000125	0.000341	0.000428	0.00127	0.0557	0.0000156	3.74	0.00418	3.37	0.171	0.00131	1.61	0.0104	0.0053	0.00016	0.000742	0.000497	0.0985	0.0000126	0.00111	0.00115	0.00362
2027 Dec	108	0.237	0.243	0.00413	23.3	0.0594	29.6	0.0000131	0.0269	0.00553	0.0106	0.0218	0.000201	19.7	0.0000121	0.000273	0.000438	0.00115	0.0563	0.0000132	3.31	0.00415	3.34	0.143	0.0012	1.58	0.01	0.00517	0.000159	0.0006	0.000487	0.101	0.0000105	0.000967	0.00102	0.00309
2028 Jan	111	0.175	0.198	0.00362	23.5	0.0516	30.1	0.0000116	0.0212	0.00413	0.01	0.0205	0.00021	19.7	0.0000117	0.000215	0.000446	0.00103	0.0563	0.0000111	2.94	0.00411	3.32	0.124	0.00111	1.55	0.0096	0.00503	0.000158	0.000472	0.000479	0.103	0.00000858	0.000839	0.000908	0.00263
2028 Feb	113	0.137	0.17	0.0033	23.7	0.0461	30.4	0.0000105	0.0171	0.00314	0.00964	0.0196	0.000217	19.6	0.0000114	0.000174	0.000451	0.000953	0.0562	0.00000956	2.67	0.00408	3.31	0.112	0.00104	1.53	0.00933	0.00492	0.000158	0.00038	0.000474	0.105	0.00000721	0.000747	0.000825	0.0023
2028 Mar	115	0.112	0.152	0.00309	23.9	0.0423	30.7	0.00000968	0.0143	0.00247	0.00937	0.019	0.000222	19.6	0.0000112	0.000146	0.000455	0.000897	0.0561	0.0000085	2.49	0.00406	3.31	0.104	0.000989	1.51	0.00915	0.00484	0.000158	0.000316	0.00047	0.106	0.00000625	0.000683	0.000767	0.00206
2028 Apr	116	0.0962	0.141	0.00297	24	0.0399	30.8	0.00000916	0.0124	0.00202	0.0092	0.0186	0.000225	19.6	0.000011	0.000127	0.000458	0.000859	0.0561	0.00000777	2.37	0.00405	3.31	0.0997	0.000958	1.5	0.00902	0.0048	0.000158	0.000273	0.000468	0.106	0.00000561	0.000639	0.000728	0.00191
2028 May	117	0.0927	0.137	0.00295	24.2	0.0389	31.1	0.00000889	0.0113	0.00174	0.00916	0.0186	0.000227	19.8	0.000011	0.000117	0.000463	0.000842	0.0568	0.00000737	2.32	0.00407	3.34	0.099	0.000947	1.52	0.00898	0.00484	0.000158	0.000248	0.000468	0.108	0.00000527	0.000615	0.00071	0.00183
2028 Jun	110	0.621	0.358	0.00569	23.5	0.0831	32.9	0.0000253	0.0427	0.0196	0.0135	0.0266	0.000198	22.5	0.0000145	0.000573	0.000434	0.00151	0.0507	0.0000205	4.83	0.00445	3.78	0.283	0.00154	1.81	0.0163	0.00566	0.000167	0.00118	0.000575	0.0951	0.0000195	0.00133	0.00131	0.00441
2028 Jul	98.6	0.62	0.447	0.00644	22.1	0.0932	28.6	0.0000227	0.0511	0.0155	0.0132	0.0276	0.000166	20.8	0.000014	0.000573	0.000405	0.00161	0.053	0.0000225	5.02	0.00432	3.54	0.268	0.00158	1.74	0.0135	0.0058	0.000154	0.00121	0.000535	0.0906	0.0000199	0.00149	0.00145	0.00498
2028 Aug	99.1	0.521	0.477	0.00648	22.2	0.0867	28	0.0000186	0.0477	0.0105	0.0123	0.0262	0.000172	20.1	0.0000135	0.000475	0.000408	0.00152	0.0537	0.0000205	4.59	0.00425	3.44	0.229	0.00145	1.65	0.0114	0.00555	0.000154	0.00102	0.000518	0.0921	0.0000169	0.0014	0.00136	0.00463
2028 Sep	97.9	0.506	0.475	0.00637	21.8	0.0808	27.3	0.0000151	0.0434	0.0067	0.0113	0.0247	0.000177	19.6	0.0000129	0.000397	0.000403	0.00141	0.0514	0.0000184	4.2	0.00409	3.36	0.219	0.00131	1.54	0.00973	0.00514	0.000152	0.000846	0.000505	0.0897	0.0000141	0.0013	0.00124	0.00423
2028 Oct	98.2	0.437	0.376	0.00529	21.8	0.0734	27.2	0.0000131	0.0372	0.00486	0.0106	0.0233	0.000182	19.2	0.0000123	0.000334	0.000404	0.0013	0.0507	0.0000163	3.82	0.00399	3.29	0.197	0.0012	1.49	0.00898	0.00493	0.000155	0.00071	0.000488	0.0901	0.0000121	0.00117	0.00112	0.00379
2028 Nov	101	0.331	0.282	0.00422	22.1	0.0653	27.5	0.0000119	0.0312	0.00377	0.0101	0.0219	0.000189	19	0.0000119	0.000277	0.000411	0.0012	0.0513	0.0000143	3.46	0.00397	3.24	0.165	0.00111	1.46	0.0087	0.00482	0.000156	0.000597	0.000478	0.0927	0.0000105	0.00105	0.00102	0.00338
2028 Dec	104	0.233	0.216	0.00342	22.4	0.056	28.2	0.0000107	0.0248	0.00285	0.00964	0.0204	0.000199	18.9	0.0000115	0.000218	0.00042	0.00108	0.0515	0.0000121	3.06	0.00395	3.2	0.136	0.00102	1.44	0.00857	0.00469	0.000155	0.000475	0.00047	0.0956	0.00000866	0.000907	0.000898	0.00288
2029 Jan	107	0.168	0.173	0.00289	22.7	0.0484	28.9	0.00000979	0.0196	0.00221	0.00923	0.0192	0.000208	18.8	0.0000112	0.000171	0.000428	0.00098	0.0514	0.0000102	2.73	0.00393	3.19	0.118	0.000934	1.42	0.00852	0.00457	0.000155	0.000373	0.000466	0.0976	0.00000717	0.00079	0.000794	0.00246
2029 Feb	109	0.128	0.147	0.00257	22.9	0.0432	29.3	0.00000916	0.0159	0.00179	0.00895	0.0183	0.000214	18.9	0.000011	0.00014	0.000433	0.000907	0.0512	0.00000894	2.5	0.00391	3.18	0.106	0.000875	1.4	0.0085	0.00448	0.000156	0.000302	0.000463	0.0989	0.00000613	0.000707	0.00072	0.00216
2029 Mar	111	0.102	0.129	0.00236	23	0.0395	29.6	0.00000874	0.0134	0.00152	0.00875	0.0177	0.000218	18.9	0.0000109	0.000118	0.000437	0.000857	0.0511	0.00000803	2.34	0.0039	3.18	0.0986	0.000834	1.39	0.0085	0.00441	0.000156	0.000253	0.000461	0.0997	0.0000054	0.00065	0.000668	0.00195
2029 Apr	112	0.0856	0.118	0.00223	23.1	0.0371	29.9	0.00000845	0.0117	0.00133	0.00863	0.0174	0.000221	18.9	0.0000108	0.000103	0.00044	0.000822	0.0511	0.0000074	2.24	0.00389	3.18	0.0939	0.000806	1.39	0.0085	0.00439	0.000156	0.000219	0.000459	0.1	0.00000491	0.000609	0.000633	0.00181
2029 May	114	0.0812	0.112	0.00218	23.4	0.0362	30.1	0.00000833	0.0107	0.00123	0.00862	0.0173	0.000224	19	0.0000108	0.0000954	0.000445	0.000806	0.0516	0.00000706	2.19	0.00391	3.21	0.0933	0.000795	1.4	0.00854	0.00442	0.000157	0.000199	0.00046	0.102	0.00000467	0.000588	0.000616	0.00173
2029 Jun	89.2	0.542	0.0632	0.00253	19.4	0.0666	24.2	0.00000937	0.0248	0.00152	0.00936	0.0215	0.000171	17.9	0.0000108	0.000259	0.000362	0.001	0.0398	0.0000129	3.13	0.00338	3.25	0.229	0.000854	1.39	0.0068	0.00423	0.000136	0.000473	0.000435	0.0773	0.000009	0.000935	0.000894	0.00302
2029 Jul	81.2	0.525	0.0606	0.00244	18.6	0.0768	21.6	0.0000101	0.033	0.00147	0.00983	0.0229	0.000145	16.9	0.0000109	0.000313	0.000344	0.00114	0.0427	0.0000159	3.5	0.00339	3.11	0.219	0.000969	1.41	0.00606	0.00456	0.000129	0.000623	0.000416	0.0754	0.0000113	0.00112	0.00108	0.0037
2029 Aug	86.3	0.443	0.0655	0.00231	19.5	0.0717	23	0.0000101	0.0309	0.00137	0.00981	0.0222	0.000157	17.3	0.0000111	0.000284	0.000363	0.00112	0.0453	0.000015	3.37	0.00354	3.11	0.196	0.000962	1.41	0.00644	0.00457	0.000135	0.000577	0.000428	0.0802	0.0000106	0.00107	0.00103	0.00352
2029 Sep	87.1	0.432	0.0612	0.00219	19.4	0.0671	23.6	0.00000975	0.0286	0.00131	0.00955	0.0212	0.000165	17.3	0.000011	0.000264	0.000362	0.00108	0.0436	0.0000141	3.21	0.00349	3.08	0.194	0.000911	1.35	0.00659	0.00429	0.000137	0.000528	0.000434	0.0791	0.00000982	0.00102	0.000968	0.00331
2029 Oct	87.5	0.37	0.0619	0.00203	19.3	0.0632	23.7	0.00000956	0.0276	0.00123	0.00935	0.0203	0.000167	17	0.000011	0.000246	0.000363	0.00105	0.0437	0.0000136	3.06	0.00349	3	0.174	0.000884	1.32	0.00661	0.0042	0.000159	0.000507	0.00043	0.0798	0.00000942	0.000986	0.000939	0.00319
2029 Nov	91.1	0.28	0.0668	0.00188	19.9	0.0579	24.5	0.00000932	0.0251	0.00113	0.00916	0.0195	0.000174	17	0.000011	0.000216	0.000374	0.00101	0.045	0.0000126	2.89	0.00356	2.98	0.147	0.000861	1.32	0.00683	0.00421	0.000167	0.000458	0.000431	0.0834	0.00000865	0.000924	0.000885	0.00297
2029 Dec	96.5	0.197	0.0718	0.00174	20.7	0.0508	25.9	0.00000898	0.0212	0.00104	0.00891	0.0185	0.000187	17.3	0.0000109	0.000176	0.00039	0.000947	0.046	0.0000111	2.65	0.00363	2.99	0.123	0.000819	1.32	0.00721	0.00418	0.000163	0.000382	0.000437	0.0876	0.00000749	0.000831	0.0008	0.00262
2030 Jan	101	0.142	0.0751	0.00165	21.3	0.0445	27	0.00000861	0.0173	0.000977	0.00866	0.0177	0.000198	17.6	0.0000108	0.000142	0.000402	0.000883	0.0464	0.00000959	2.44	0.00367	3.01	0.107	0.000771	1.31	0.00754	0.00412	0.00016	0.000308	0.000442	0.0906	0.00000636	0.000739	0.000715	0.00228
2030 Feb	104	0.108	0.0771	0.0016	21.7	0.04	27.9	0.00000834	0.0144	0.000938	0.00847	0.017	0.000207	17.8	0.0000107	0.000117	0.000411	0.000834	0.0464	0.00000849	2.28	0.0037	3.03	0.0977	0.000734	1.31	0.00778	0.00407	0.000159	0.000253	0.000445	0.0926	0.00000553	0.00067	0.00065	0.00203
2030 Mar	107	0.0861	0.0785	0.00156	22	0.0368	28.5	0.00000814	0.0123	0.000913	0.00834	0.0166	0.000213	18	0.0000106	0.0000991	0.000417	0.0008	0.0464	0.00000771	2.17	0.00371	3.04	0.0917	0.000707	1.3	0.00794	0.00403	0.000158	0.000213	0.000448	0.0939	0.00000493	0.00062	0.000603	0.00185
2030 Apr	108	0.0729	0.0796	0.00154	22.2	0.0347	28.9	0.000008	0.0108	0.0009	0.00825	0.0163	0.000217	18.1	0.0000105	0.0000872	0.000421	0.000776	0.0465	0.00000715	2.09	0.00372	3.06	0.0881	0.000689	1.31	0.00806	0.00402	0.000157	0.000185	0.000449	0.0949	0.00000452	0.000585	0.000571	0.00172
2030 May	110	0.0713	0.0811	0.00156	22.5	0.0341	29.2	0.00000798	0.01	0.000907	0.00826	0.0163	0.00022	18.3	0.0000105	0.0000817	0.000427	0.000767	0.047	0.00000686	2.07	0.00375	3.09	0.0883	0.000683	1.32	0.00816	0.00406	0.000157	0.00017	0.000451	0.0961	0.00000432	0.000565	0.000556	0.00167
2030 Jun	82.4	0.536	0.0447	0.00213	17.9	0.0663	22.4	0.00000944	0.0282	0.00139	0.00924	0.0207	0.000158	16.7	0.0000108	0.000276	0.000337	0.000963	0.0362	0.0000142	3.04	0.00323	3.06	0.226	0.000793	1.31	0.00629	0.00396	0.000133	0.000527	0.000427	0.0708	0.00000974	0.00102	0.000937	0.00311
2030 Jul	76.7	0.523	0.0482	0.00214	17.5	0.0755	20.3	0.00000994	0.0333	0.00137	0.00955	0.0221	0.000136	16.1	0.0000107	0.00031	0.000325	0.0011	0.0397	0.0000159	3.41	0.00324	2.98	0.216	0.000901	1.34	0.00569	0.00433	0.000125	0.00062	0.000402	0.0705	0.0000113	0.00111	0.00105	0.00366
2030 Aug	83.1	0.438	0.0542	0.00201	18.7	0.0706	22.2	0.00000988	0.0307	0.00128	0.00955	0.0215	0.000152	16.7	0.0000109	0.000278	0.000348	0.0011	0.0423	0.0000148	3.3	0.00341	3.02	0.193	0.000897	1.35	0.00618	0.00434	0.000133	0.000563	0.000418	0.0762	0.0000105	0.00105	0.000997	0.00349
2030 Sep	84.9	0.433	0.0522	0.00195	18.9	0.0657	23	0.00000946	0.0272	0.00124	0.00925	0.0205	0.000161	16.9	0.0000107	0.000251	0.00035	0.00106	0.041	0.0000135	3.14	0.00337	3.02	0.191	0.000846	1.31	0.00639	0.00409	0.000135	0.000493	0.000422	0.0758	0.0000094	0.000968	0.000908	0.00323
2030 Oct	86.4	0.374	0.0538	0.00181	19.1	0.0611	23.4	0.00000912	0.0246	0.00115	0.00896	0.0196	0.000166	16.8	0.0000107	0.000224	0.000354	0.00102	0.0409	0.0000124	2.98	0.00336	2.98	0.173	0.000811	1.28	0.00649	0.00398	0.000157	0.000443	0.000418	0.077	0.0000086	0.0009	0.000844	0.00304
2030 Nov	90.1	0.28	0.0579	0.00163	19.6	0.0555	24.4	0.00000889	0.0221	0.00104	0.00876	0.0188	0.000175	16.8	0.0000106	0.000192	0.000366	0.000986	0.0419	0.0000114	2.81	0.00342	2.95	0.145	0.000785	1.27	0.00675	0.00395	0.000165	0.000393	0.000421	0.0805	0.00000779	0.000839	0.000787	0.00282
2030 Dec	95.3	0.195	0.0621	0.00147	20.4	0.0484	25.7	0.0000086	0.0186	0.000945	0.00854	0.0177	0.000188	17.1	0.0000106	0.000155	0.000381	0.000923	0.0427	0.0000101	2.57	0.0035	2.96	0.12	0.000741	1.27	0.00712	0.00391	0.000162	0.000325	0.000429	0.0844	0.00000673	0.000758	0.000711	0.00248
2031 Jan	99.6	0.138	0.0648	0.00136	20.9	0.0424	26.9	0.00000831	0.0153	0.000885	0.00833	0.0169	0.000199	17.3	0.0000105	0.000124	0.000393	0.00086	0.0429	0.00000885	2.36	0.00355	2.97	0.104	0.000695	1.26	0.00744	0.00384	0.00016	0.000261	0.000436	0.0872	0.00000575	0.000682	0.000638	0.00217

Appendix C5: Whale Tail Attenuation Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2031 Feb	103	0.104	0.0665	0.00129	21.3	0.0381	27.7	0.00000809	0.0129	0.000849	0.00818	0.0163	0.000206	17.5	0.0000105	0.000102	0.000401	0.000812	0.043	0.00000795	2.2	0.00358	2.98	0.0947	0.000659	1.25	0.00766	0.00379	0.000159	0.000215	0.00044	0.0891	0.00000504	0.000627	0.000585	0.00194
2031 Mar	105	0.081	0.0676	0.00125	21.5	0.0351	28.2	0.00000793	0.0112	0.000825	0.00807	0.0158	0.000212	17.6	0.0000104	0.0000866	0.000406	0.000778	0.043	0.00000731	2.1	0.0036	2.99	0.0886	0.000634	1.25	0.00782	0.00375	0.000158	0.000182	0.000443	0.0903	0.00000454	0.000587	0.000547	0.00178
2031 Apr	106	0.0673	0.0684	0.00123	21.7	0.0331	28.6	0.00000783	0.0101	0.000813	0.00801	0.0156	0.000216	17.7	0.0000104	0.0000764	0.00041	0.000755	0.0431	0.00000687	2.02	0.00361	3	0.0851	0.000616	1.25	0.00793	0.00374	0.000157	0.00016	0.000445	0.0913	0.0000042	0.00056	0.000521	0.00167
2031 May	108	0.0648	0.0689	0.00123	22	0.0327	29.1	0.00000793	0.0101	0.000824	0.00811	0.0156	0.00022	17.9	0.0000106	0.0000762	0.000416	0.00075	0.0434	0.00000696	2.01	0.00367	3.04	0.0858	0.000615	1.26	0.00808	0.00377	0.000159	0.000161	0.000454	0.0925	0.00000421	0.000569	0.000526	0.00165
2031 Jun	84.4	0.549	0.0419	0.00206	18.2	0.0635	22.9	0.0000088	0.0226	0.00134	0.00878	0.0202	0.000163	17	0.0000103	0.000239	0.000338	0.000938	0.0345	0.000012	2.96	0.00313	3.12	0.228	0.000724	1.3	0.00636	0.00382	0.000132	0.000414	0.000413	0.0704	0.00000828	0.000858	0.00079	0.00284
2031 Jul	78.1	0.53	0.0436	0.00202	17.8	0.0727	20.8	0.00000937	0.0284	0.0013	0.00912	0.0215	0.000141	16.4	0.0000102	0.000276	0.000324	0.00108	0.0373	0.000014	3.34	0.00313	3.03	0.217	0.000835	1.32	0.00578	0.00412	0.000125	0.000522	0.000393	0.0694	0.00000998	0.000982	0.000921	0.00343
2031 Aug	83.5	0.442	0.0482	0.00185	18.8	0.0683	22.5	0.00000944	0.0271	0.00121	0.0092	0.0209	0.000156	16.8	0.0000106	0.000252	0.000345	0.00109	0.0398	0.0000135	3.24	0.00331	3.04	0.192	0.000836	1.32	0.00622	0.00412	0.000133	0.00049	0.000412	0.0745	0.00000949	0.000959	0.000895	0.00332
2031 Sep	84.7	0.432	0.0464	0.00179	18.8	0.0641	23.2	0.0000092	0.0251	0.00118	0.00902	0.02	0.000164	16.9	0.0000106	0.000235	0.000346	0.00104	0.0388	0.0000127	3.09	0.00329	3.02	0.19	0.000796	1.28	0.00639	0.00391	0.000135	0.000448	0.000418	0.0741	0.0000088	0.000912	0.000842	0.00313
2031 Oct	85.8	0.372	0.0476	0.00164	18.9	0.0598	23.4	0.00000894	0.0233	0.0011	0.00877	0.0192	0.000167	16.7	0.0000105	0.000212	0.000349	0.00101	0.0387	0.0000119	2.94	0.00328	2.96	0.171	0.000765	1.25	0.00646	0.0038	0.000157	0.000412	0.000416	0.075	0.00000819	0.000863	0.000795	0.00297
2031 Nov	89.1	0.278	0.0511	0.00144	19.4	0.0544	24.3	0.00000876	0.0213	0.000984	0.0086	0.0183	0.000175	16.7	0.0000106	0.000183	0.00036	0.000973	0.0396	0.0000111	2.76	0.00335	2.93	0.143	0.000739	1.24	0.00669	0.00377	0.000166	0.000371	0.000419	0.0782	0.00000751	0.000815	0.000749	0.00277
2031 Dec	93.9	0.191	0.0547	0.00126	20	0.0474	25.6	0.00000849	0.018	0.000889	0.00839	0.0173	0.000187	16.8	0.0000105	0.000148	0.000373	0.00091	0.0403	0.00000989	2.53	0.00343	2.92	0.118	0.000694	1.23	0.00704	0.00372	0.000162	0.000308	0.000427	0.082	0.00000652	0.000741	0.000678	0.00245
2032 Jan	98	0.135	0.057	0.00115	20.5	0.0413	26.7	0.00000821	0.0149	0.000827	0.00818	0.0164	0.000198	17	0.0000105	0.000117	0.000384	0.000845	0.0405	0.00000871	2.31	0.00347	2.93	0.102	0.000646	1.22	0.00735	0.00365	0.00016	0.000247	0.000433	0.0846	0.00000558	0.000669	0.000608	0.00214
2032 Feb	101	0.0991	0.0585	0.00107	20.9	0.037	27.4	0.00000799	0.0126	0.000789	0.00803	0.0158	0.000206	17.2	0.0000104	0.0000955	0.000392	0.000797	0.0405	0.00000783	2.15	0.0035	2.94	0.0924	0.000609	1.21	0.00757	0.00359	0.000159	0.000201	0.000438	0.0864	0.00000488	0.000614	0.000555	0.00191
2032 Mar	103	0.0761	0.0595	0.00103	21.1	0.034	28	0.00000784	0.0109	0.000765	0.00792	0.0153	0.000211	17.3	0.0000104	0.0000804	0.000398	0.000762	0.0405	0.0000072	2.04	0.00352	2.94	0.0862	0.000583	1.21	0.00772	0.00355	0.000158	0.000169	0.000441	0.0876	0.00000438	0.000575	0.000517	0.00175
2032 Apr	104	0.0624	0.0603	0.001	21.3	0.032	28.3	0.00000774	0.00974	0.000753	0.00786	0.0151	0.000215	17.4	0.0000103	0.0000705	0.000401	0.000738	0.0405	0.00000677	1.97	0.00353	2.95	0.0825	0.000565	1.21	0.00782	0.00354	0.000158	0.000147	0.000443	0.0884	0.00000406	0.000548	0.000491	0.00164
2032 May	106	0.0601	0.061	0.001	21.5	0.0314	28.8	0.00000779	0.00943	0.000761	0.00792	0.0151	0.000219	17.6	0.0000105	0.0000679	0.000407	0.000732	0.0408	0.0000067	1.95	0.00357	2.99	0.083	0.000561	1.22	0.00796	0.00357	0.000159	0.000141	0.000449	0.0896	0.00000397	0.000546	0.000487	0.0016
2032 Jun	83	0.544	0.0365	0.00191	17.9	0.0641	22.7	0.000009	0.0243	0.00132	0.00887	0.0201	0.000162	16.8	0.0000105	0.000247	0.000333	0.000941	0.0333	0.0000127	2.97	0.00312	3.09	0.226	0.000711	1.28	0.0063	0.00373	0.000133	0.000443	0.000419	0.0688	0.00000868	0.000906	0.000819	0.00293
2032 Jul	76.4	0.525	0.0385	0.00188	17.4	0.0731	20.5	0.00000953	0.03	0.00128	0.00918	0.0214	0.000139	16	0.0000104	0.000284	0.000318	0.00108	0.0361	0.0000146	3.33	0.00311	2.98	0.215	0.000819	1.3	0.00567	0.00404	0.000126	0.000548	0.000396	0.0677	0.0000104	0.00102	0.000946	0.0035
2032 Aug	81.4	0.439	0.0425	0.0017	18.3	0.0681	22.1	0.0000095	0.0281	0.00118	0.00917	0.0206	0.000153	16.4	0.0000106	0.000256	0.000337	0.00108	0.0382	0.0000139	3.21	0.00326	2.99	0.191	0.00081	1.29	0.00609	0.004	0.000133	0.000505	0.000411	0.0722	0.00000971	0.000983	0.000905	0.00336
2032 Sep	82.8	0.43	0.0411	0.00165	18.4	0.0639	22.8	0.00000922	0.0257	0.00115	0.00897	0.0198	0.000161	16.6	0.0000106	0.000237	0.000339	0.00104	0.0373	0.000013	3.07	0.00324	2.97	0.189	0.000771	1.25	0.00627	0.00379	0.000135	0.000457	0.000417	0.0719	0.00000893	0.000926	0.000843	0.00315
2032 Oct	84.4	0.372	0.0425	0.00151	18.6	0.0598	23.2	0.00000898	0.0239	0.00107	0.00875	0.019	0.000166	16.5	0.0000106	0.000214	0.000343	0.001	0.0373	0.0000122	2.93	0.00324	2.93	0.171	0.000742	1.23	0.00638	0.00369	0.000159	0.000419	0.000416	0.0732	0.00000831	0.000876	0.000796	0.003
2032 Nov	88	0.276	0.0456	0.0013	19.1	0.0543	24.2	0.00000884	0.022	0.000954	0.0086	0.0181	0.000175	16.5	0.0000107	0.000186	0.000355	0.000971	0.0381	0.0000114	2.75	0.00332	2.9	0.142	0.000716	1.22	0.00665	0.00365	0.000168	0.000381	0.000423	0.0766	0.00000766	0.000835	0.000754	0.00281
2032 Dec	92.4	0.187	0.0486	0.00111	19.7	0.0476	25.4	0.00000864	0.0194	0.00086	0.00844	0.0171	0.000186	16.6	0.0000107	0.000154	0.000367	0.000908	0.0387	0.0000105	2.52	0.0034	2.88	0.117	0.000673	1.21	0.00697	0.0036	0.000164	0.00033	0.000431	0.08	0.00000684	0.000779	0.000698	0.00252
2033 Jan	96.2	0.131	0.0509	0.000985	20.1	0.0416	26.3	0.00000835	0.0163	0.000798	0.00822	0.0162	0.000196	16.7	0.0000106	0.000124	0.000377	0.000842	0.0389	0.0000093	2.3	0.00344	2.88	0.101	0.000623	1.2	0.00725	0.00353	0.000161	0.000269	0.000436	0.0825	0.00000591	0.000705	0.000627	0.00221
2033 Feb	99.1	0.0958	0.0523	0.00091	20.4	0.0371	27.1	0.0000081	0.0138	0.000758	0.00805	0.0155	0.000204	16.9	0.0000105	0.000101	0.000385	0.000792	0.0388	0.00000834	2.14	0.00346	2.89	0.0911	0.000584	1.19	0.00746	0.00347	0.00016	0.00022	0.000439	0.0842	0.00000516	0.000645	0.000569	0.00197
2033 Mar	101	0.0731	0.0532	0.000862	20.7	0.034	27.6	0.00000792	0.0118	0.000731	0.00791	0.0151	0.000209	17	0.0000104	0.0000843	0.00039	0.000756	0.0387	0.00000761	2.02	0.00347	2.9	0.0848	0.000555	1.18	0.00761	0.00342	0.000159	0.000183	0.000442	0.0853	0.0000046	0.000599	0.000525	0.00179
2033 Apr	103	0.0599	0.054	0.000837	20.9	0.0319	28	0.00000777	0.0104	0.000716	0.00782	0.0148	0.000213	17.1	0.0000104	0.0000723	0.000394	0.00073	0.0387	0.00000705	1.95	0.00348	2.91	0.0812	0.000534	1.18	0.00771	0.00341	0.000158	0.000155	0.000442	0.0861	0.00000419	0.000563	0.000491	0.00167
2033 May	106	0.056	0.0522	0.000804	21.3	0.0319	29.4	0.00000823	0.0125	0.000738	0.00819	0.015	0.000225	17.6	0.0000111	0.0000844	0.000406	0.000742	0.0385	0.00000811	1.97	0.00362	2.98	0.0843	0.000551	1.19	0.0081	0.00337	0.000165	0.000195	0.000475	0.0879	0.00000464	0.000646	0.00055	0.00175
2033 Jun	78.9	0.549	0.031	0.00181	17.1	0.0691	21.7	0.00000988	0.0319	0.00136	0.00944	0.0208	0.000153	16.2	0.0000111	0.000298	0.000324	0.000982	0.0332	0.0000157	3.1	0.00319	3	0.23	0.000756	1.28	0.00606	0.00379	0.000135	0.000585	0.000434	0.0667	0.0000107	0.00111	0.000991	0.00335
2033 Jul	73.7	0.518	0.0337	0.00176	16.9	0.077	20	0.0000103	0.0364	0.0013	0.0097	0.0219	0.000134	15.6	0.000011	0.000325	0.000313	0.00112	0.0361	0.0000172	3.45	0.0032	2.92	0.215	0.000859	1.3	0.00555	0.00408	0.000129	0.000667	0.000413	0.0665	0.000012	0.0012	0.00109	0.00386
2033 Aug	79.5	0.427	0.0377	0.00156	17.9	0.0715	21.8	0.0000103	0.0345	0.00119	0.00971	0.0211	0.00015	16.1	0.0000113	0.000295	0.000334	0.00111	0.0382	0.0000165	3.31	0.00336	2.93	0.189	0.000844	1.29	0.00603	0.00403	0.000137	0.000622	0.000432	0.0715	0.0000113	0.00116	0.00105	0.00369
2033 Sep	80.9	0.419	0.0368	0.00153	18	0.0665	22.4	0.0000099	0.0311	0.00116	0.00941	0.0201	0.000158	16.2	0.0000111	0.00027	0.000335	0.00105	0.0373	0.0000152	3.13	0.00332	2.92	0.188	0.000793	1.25	0.00618	0.00382	0.000138	0.000557	0.000433	0.0711	0.0000103	0.00107	0.000966	0.00341
2033 Oct	82.4	0.365	0.0382	0.0014	18.1	0.0617	22.7	0.0000095	0.0282	0.00108	0.00908	0.0192	0.000162	16.1	0.000011	0.000241	0.000338	0.00101	0.037	0.0000139	2.96	0.00329	2.87	0.17	0.000753	1.22	0.00627	0.0037	0.000161	0.000498	0.000427	0.072	0.00000942	0.000993	0.000891	0.00321
2033 Nov	85.9	0.271	0.0414	0.00119	18.7	0.0557	23.7	0.0000092	0.0252	0.000955	0.00881	0.0182	0.000171	16.1	0.0000109	0.000205	0.000349	0.000974	0.0375	0.0000127	2.77	0.00334	2.84	0.141	0.000717	1.21	0.00651	0.00363	0.000169	0.000438	0.000428	0.0751	0.00000848	0.000918	0.00082	0.00296
2033 Dec	90.7	0.184	0.0444	0.000996	19.3	0.0482	24.9	0.00000883	0.0212	0.000849	0.00853	0.017	0.000183	16.2	0.0000108	0.000164	0.000361	0.000905	0.0378	0.0000112	2.52	0.00339	2.84	0.116	0.000662	1.19	0.00686	0.00355	0.000165	0.000361	0.000433	0.0785	0.00000729	0.000825	0.000731	0.0026
2034 Jan	94.9	0.128	0.0465	0.00087	19.8	0.0417	26	0.00000846	0.0174	0.000778	0.00825	0.0161	0.000194	16.5	0.0000107	0.000129	0.000372	0.000837	0.0377	0.00000974	2.29	0.00342	2.84	0.0998	0.000606	1.18	0.00716	0.00345	0.000162	0.000287	0.000437	0.081	0.00000617	0.000733	0.000642	0.00225
2034 Feb	97.8	0.0929	0.0478	0.000794	20.1	0.0371	26.8	0.00000817	0.0145	0.000734	0.00804	0.0154	0.000202	16.6	0.0000105	0.000104	0.000379	0.000786	0.0375	0.00000863	2.12	0.00343	2.85	0.0899	0.000563	1.17	0.00738	0.00338	0.00016	0.00023	0.00044	0.0826	0.00000532	0.000663	0.000575	0.002
2034 Mar	99.9	0.0703	0.0487	0.000744	20.4	0.0337	27.4	0.00000794	0.0123	0.000705	0.00789	0.0149	0.000208	16.8	0.0000104	0.0000854	0.000385	0.000749	0.0373	0.0000078	2	0.00343	2.87	0.0836	0.000532	1.16	0.00753	0.00332	0.000159	0.000188	0.000442	0.0837	0.00000469	0.00061	0.000525	0.00181
2034 Apr	101	0.0572	0.0494	0.000718	20.6	0.0315	27.8	0.00000778	0.0107	0.000687	0.00778	0.0145	0.000212	16.9	0.0000104	0.0000722	0.000388	0.000723	0.0373	0.00000718	1.92	0.00344	2.88	0.0799	0.00051	1.16	0.00764	0.0033	0.000158	0.000157	0.000442	0.0845	0.00000423	0.000569	0.000487	0.00168
2034 May	104	0.0557	0.0501	0.000722	20.9	0.0308	28.4	0.00000781	0.00999	0.000694	0.00783	0.0146	0.000217	17.2	0.0000105	0.0000672	0.000396	0.000717	0.0376	0.00000698	1.9	0.00348	2.93	0.0808	0.000504	1.17	0.00782	0.00332	0.00016	0.000144	0.00045	0.0859	0.00000406	0.000559	0.000475	0.00163
2034 Jun	81.8	0.555	0.0305	0.00179	17.7	0.0653	22.5	0.00000914	0.0253	0.0013	0.00894	0.0201	0.000161	16.7	0.0000106	0.000254	0.000328	0.000952	0.0317	0.0000132	3	0.00309	3.08	0.229	0.000694	1.26	0.00623	0.00364	0.000135	0.000459	0.000422	0.067	0.00000896	0.000933	0.000831	0.00302
2034 Jul	75.3	0.522	0.0323	0.00172	17.2	0.074	20.5	0.00000976	0.0316	0.00125	0.0093	0.0213	0.00014	15.9	0.0000106	0.000293	0.000314	0.0011	0.0346	0.0000154	3.36	0.00311	2.96	0.214	0.000807	1.28	0.00566	0.00392	0.000129	0.000575	0.000404	0.0661	0.0000108	0.00107	0.000973	0.00362
2034 Aug	79.8	0.433	0.0355	0.00152	17.9	0.0688	21.9	0.00000977	0.0303	0.00115	0.0093	0.0205	0.000152	16.1	0.0000109	0.000267	0.000331	0.00108	0.0365	0.0000148	3.22	0.00325	2.94	0.189	0.000793	1.27	0.00603	0.00387	0.000136	0.000542	0.000419	0.0702	0.0000102	0.00104	0.000943	0.00347
2034 Sep	80.7	0.421	0.0344	0.00147	17.9	0.0642	22.4	0.00000945	0.0279	0.00112	0.00906	0.0196	0.000159	16.2	0.0000108	0.000248	0.000331	0.00103	0.0356	0.0000139	3.06	0.00322	2.91	0.186	0.000751	1.22	0.00616	0.00366	0.000136	0.000494	0.000422	0.0696	0.00000945	0.000984	0.000881	0.00325
2034 Oct	82.3	0.364	0.0357	0.00134	18.1	0.0602	22.8	0.00000922	0.0261	0.00104	0.00885	0.0188	0.000163	16.1	0.0000108	0.000226	0.000335	0.001	0.0356	0.0000131	2.91	0.00322	2.87	0.169	0.000722	1.2	0.00627	0.00357	0.00016	0.000457	0.000421	0.0709	0.00000885	0.000937	0.000835	0.0031
2034 Nov	85.5	0.27	0.0387	0.00112	18.6	0.0546	23.7	0.00000901	0.0238	0.000923	0.00865	0.0179	0.000171	16	0.0000108	0.000195	0.000345	0.000964	0.0363	0.0000122	2.73	0.00328	2.84	0.14	0.00069	1.19	0.00649	0.00353	0.000168	0.00041	0.000424	0.074	0.0000081	0.00088	0.000781	0.00289
2034 Dec	90.2	0.183	0.0416	0.000923	19.2	0.0472	24.9	0.00000865	0.0199	0.000817	0.00837	0.0167	0.000183	16.2	0.0000106	0.000155	0.000358	0.000894	0.0366	0.0000107	2.48	0.00333	2.82	0.115	0.000634	1.17	0.00682	0.00344	0.000164	0.000334	0.000429	0.0773	0.00000693	0.000788	0.000692	0.00253
2035 Jan	94.4	0.127	0.0435	0.000794	19.7	0.0407	26	0.00000828	0.0161	0.000746	0.0081	0.0157	0.000194	16.4	0.0000105	0.00012	0.000368	0.000825	0.0364	0.00000925	2.25	0.00336	2.83	0.0986	0.000578	1.16	0.00713	0.00334	0.000161	0.000261	0.000433	0.0797	0.00000582	0.000697	0.000604	0.00219
2035 Feb	97.3	0.0918	0.0447	0.000714	20	0.036	26.8	0.000008	0.0133	0.000702	0.0079	0.015	0.000203	16.6	0.0000104	0.0000948	0.000376	0.000774	0.0362	0.00000818	2.08	0.00337	2.84	0.0888	0.000535	1.15	0.00735	0.00327	0.00016	0.000206	0.000436	0.0814	0.00000499	0.00063	0.000539	0.00194
2035 Mar	99.4	0.069	0.0455	0.000662	20.3	0.0328	27.4	0.0000078	0.0113	0.000673	0.00776	0.0145	0.000208	16.7	0.0000103	0.0000774	0.000381	0.000738	0.036	0.00000742	1.97	0.00338	2.85	0.0825	0.000505	1.14	0.00751	0.00321	0.000159	0.000167	0.000439	0.0824	0.0000044	0.000582	0.000493	0.00176
2035 Apr	101	0.0557	0.0461	0.000634	20.4	0.0307	27.7	0.00000767	0.00987	0.000658	0.00766	0.0142	0.000212	16.8	0.0000103	0.0000656	0.000385	0.000713	0.036	0.00000689	1.89	0.00339	2.86	0.0788	0.000484	1.14	0.00761	0.00319	0.000158	0.00014	0.00044	0.0832	0.000004	0.000547	0.00046	0.00163
2035 May	103	0.0551	0.0468	0.00064	20.7	0.03	28.1	0.00000766	0.00918	0.000664	0.00769	0.0142	0.000215	17	0.0000103	0.0000608	0.00039	0.000704	0.0363	0.00000665	1.87	0.00342	2.9	0.0794	0.000476	1.15	0.00772	0.00322	0.000159	0.000126	0.000443	0.0843	0.00000383	0.000533	0.000446	0.00158
2035 Jun	79.8	0.552	0.027	0.00172	17.3	0.0685	22.2	0.00000985	0.0311	0.00133	0.00942	0.0206	0.000158	16.4	0.0000112	0.000291	0.000325	0.000984	0.0318	0.0000155	3.1	0.00318	3.03	0.231	0.000733	1.27	0.00618	0.00367	0.000138	0.000565	0.000441	0.0662	0.0000104	0.00109	0.000964	0.00332
2035 Jul	73.6	0.514	0.0298	0.00165	16.8	0.0761	20.1	0.0000103	0.0361	0.00127	0.00964	0.0216	0.000136	15.5	0.000011	0.00032	0.000311	0.00111	0.0349	0.0000171	3.4	0.00317	2.91	0.214	0.000829	1.28	0.00555	0.00397	0.00013	0.000656	0.000414	0.0655	0.0000119	0.00119	0.00107	0.00382
2035 Aug	78.5	0.429	0.0332	0.00146	17.7	0.0699	21.6	0.0000101	0.033	0.00116	0.0095	0.0207	0.00015	15.9	0.0000111	0.000284	0.000328	0.00108	0.0364	0.0000159	3.24	0.00328	2.91	0.189	0.0008	1.26	0.00595	0.00388	0.000137	0.00059	0.000425	0.0695	0.0000109	0.00111	0.001	0.00359
2035 Sep	80.3	0.415	0.0322	0.00141	17.8	0.0655	22.4	0.0000098	0.0305	0.00112	0.0093	0.0198	0.000159	16.1	0.0000111	0.000263	0.000331	0.00104	0.0355	0.0000149	3.09	0.00327	2.9	0.186	0.000763	1.22	0.00618	0.00367	0.000139	0.00054	0.000433	0.0696	0.0000101	0.00106	0.000939	0.00338
2035 Oct	81.4	0.361	0.0334	0.00128	17.9	0.0615	22.7	0.00000956	0.0288	0.00105	0.00908	0.019	0.000162	15.9	0.0000111	0.000242	0.000334	0.00101	0.0355	0.0000142	2.94	0.00326	2.85	0.169	0.000732	1.2	0.00624	0.00358	0.000163	0.000506	0.00043	0.0705	0.00000953	0.00101	0.000895	0.00323
2035 Nov	84.2	0.265	0.036	0.00105	18.3	0.0556	23.4	0.00000929	0.0264	0.000926	0.00882	0.018	0.000169	15.8	0.000011	0.00021	0.000342	0.000968	0.0359	0.0000132	2.75	0.0033	2.8	0.14	0.000696	1.18	0.00642	0.00351	0.00017	0.000456	0.00043	0.0731	0.00000873	0.000948	0.000835	0.00301
2035 Dec	88.8	0.18	0.039	0.000856	18.9	0.048	24.6	0.00000888	0.0221	0.000818	0.0085	0.0168	0.000181	15.9	0.0000108	0.000168	0.000354	0.000896	0.0362	0.0000115	2.49	0.00334	2.79	0.114	0.000636	1.17	0.00674	0.00343	0.000165	0.000373	0.000433	0.0763	0.00000748	0.000844	0.000737	0.00263
2036 Jan	93.1	0.124	0.0409	0.000728	19.4	0.0412	25.7	0.00000844	0.0177	0.000742	0.00818	0.0157	0.000192	16.2	0.0000106	0.000129	0.000364	0.000826	0.036	0.00000987	2.25	0.00336	2.8	0.098	0.000575	1.15	0.00705	0.00332	0.000162	0.000288	0.000435	0.0788	0.00000621	0.000738	0.000636	0.00226
2036 Feb	96.3	0.0891	0.0422	0.000648	19.8	0.0363	26.6	0.00000811	0.0144	0.000694	0.00794	0.015	0.000201	16.4	0.0000105	0.0001	0.000372	0.000772	0.0356	0.00000859	2.08	0.00336	2.82	0.088	0.000529	1.14	0.00729	0.00323	0.00016	0.000224	0.000438	0.0804	0.00000525	0.000656	0.000558	0.00198
2036 Mar	98.6	0.0665	0.043	0.000596	20.1	0.0328	27.2	0.00000786	0.0119	0.000662	0.00777	0.0144	0.000207	16.5	0.0000104	0.0000805	0.000378	0.000734	0.0354	0.00000768	1.96	0.00337	2.83	0.0816	0.000495	1.13	0.00745	0.00316	0.000159	0.000177	0.000439	0.0815	0.00000455	0.000598	0.000502	0.00178
2036 Apr	100	0.0535	0.0435	0.000567	20.3	0.0306	27.7	0.00000771	0.0103	0.000644	0.00767	0.0141	0.000212	16.7	0.0000103	0.0000674	0.000382	0.000709	0.0352	0.00000708	1.88	0.00337	2.85	0.0782	0.000473	1.13	0.00758	0.00313	0.000159	0.000147	0.000441	0.0824	0.0000041	0.00056	0.000465	0.00165
2036 May	102	0.053	0.044	0.00057	20.5	0.0302	28.1	0.00000779	0.0102	0.000655	0.00776	0.0142	0.000216	16.9	0.0000105	0.0000665	0.000388	0.000705	0.0355	0.0000071	1.87	0.00342	2.88	0.0792	0.000471	1.14	0.00771	0.00317	0.00016	0.000144	0.000448	0.0835	0.00000408	0.000563	0.000466	0.00163
2036 Jun	80.6	0.561	0.027	0.00172	17.4	0.0651	22.3	0.00000905	0.0251	0.00128	0.00884	0.0199	0.000159	16.5	0.0000105	0.000251	0.000322	0.000947	0.0304	0.000013	2.99	0.00303	3.06	0.23	0.000673	1.25	0.00615	0.00354	0.000134	0.000448	0.000418	0.0654	0.00000884	0.000918	0.000812	0.003
2036 Jul	74.7	0.517	0.0291	0.00163	17.1	0.0733	20.5	0.0000097	0.0315	0.00122	0.00922	0.0211	0.00014	15.8	0.0000106	0.000288	0.000311	0.00109	0.0335	0.0000152	3.34	0.00308	2.94	0.213	0.000786	1.26	0.00563	0.00382	0.000129	0.000564	0.000403	0.065	0.0000106	0.00106	0.000955	0.00359
2036 Aug	79.6	0.426	0.0321	0.00142	17.9	0.0684	22	0.00000981	0.0307	0.00112	0.00931	0.0204	0.000154	16.1	0.000011	0.000266	0.000329	0.00108	0.0355	0.0000149	3.21	0.00324	2.94	0.187	0.000776	1.25	0.00604	0.00379	0.000137	0.000542	0.000423	0.0694	0.0000102	0.00105	0.000939	0.00348
2036 Sep	80.5	0.417	0.031	0.00138	17.8	0.0645	22.6	0.00000962	0.0291	0.0011	0.00916	0.0196	0.000161	16.1	0.000011	0.000252	0.00033	0.00104	0.0348	0.0000143	3.06	0.00323	2.91	0.186	0.000744	1.21	0.00619	0.0036	0.000139	0.00051	0.00043	0.0691	0.00000969	0.00102	0.000899	0.0033
2036 Oct	81.4	0.362	0.032	0.00124	17.9	0.0609	22.8	0.00000946	0.0281	0.00103	0.00899	0.0188	0.000163	15.9	0.000011	0.000236	0.000333	0.00101	0.0348	0.0000139	2.93	0.00324	2.85	0.169	0.000718	1.19	0.00624	0.00352	0.000163	0.000489	0.000428	0.07	0.0000093	0.000987	0.000871	0.00319
2036 Nov	84.2	0.268	0.0347	0.00102	18.3	0.0554	23.5	0.00000923	0.0259	0.000915	0.00877	0.0179	0.00017	15.8	0.000011	0.000206	0.000341	0.000967	0.0354	0.0000129	2.74	0.00328	2.8	0.14	0.000685	1.18	0.00643	0.00347	0.000171	0.000443	0.000429	0.0727	0.00000857	0.000931	0.000818	0.00298
2036 Dec	88.8	0.181	0.0375	0.000821	18.8	0.0477	24.6	0.00000882	0.0217	0.000804	0.00845	0.0167	0.000181	15.9	0.0000108	0.000164	0.000353	0.000894	0.0356	0.0000113	2.48	0.00332	2.79	0.114	0.000624	1.16	0.00674	0.00338	0.000166	0.000362	0.000432	0.0758	0.00000733	0.00083	0.000721	0.00261
2037 Jan	92.9	0.125	0.0393	0.000689	19.3	0.0409	25.7	0.00000839	0.0174	0.000728	0.00814	0.0156	0.000193	16.1	0.0000106	0.000126	0.000363	0.000823	0.0353	0.00000972	2.24	0.00333	2.8	0.0978	0.000563	1.14	0.00704	0.00326	0.000163	0.000279	0.000435	0.0782	0.0000061	0.000727	0.000622	0.00224
2037 Feb	96	0.0895	0.0404	0.000607	19.7	0.0361	26.6	0.00000807	0.0141	0.00068	0.0079	0.0149	0.000201	16.3	0.0000105	0.0000982	0.00037	0.00077	0.035	0.0000085	2.07	0.00334	2.81	0.0878	0.000517	1.13	0.00727	0.00317	0.000161	0.000218	0.000437	0.0797	0.00000517	0.000649	0.000548	0.00197
2037 Mar	98.2	0.0667	0.0411	0.000553	20	0.0326	27.2	0.00000784	0.0118	0.000648	0.00774	0.0143	0.000207	16.5	0.0000104	0.0000789	0.000375	0.000732	0.0347	0.00000763	1.95	0.00334	2.82	0.0814	0.000484	1.12	0.00743	0.00311	0.00016	0.000173	0.000439	0.0808	0.00000451	0.000593	0.000494	0.00178
2037 Apr	99.7	0.0534	0.0417	0.000524	20.1	0.0304	27.5	0.00000768	0.0102	0.00063	0.00762	0.014	0.000211	16.6	0.0000103	0.0000657	0.000379	0.000705	0.0346	0.00000701	1.87	0.00334	2.83	0.0777	0.000461	1.12	0.00754	0.00308	0.000159	0.000142	0.000439	0.0816	0.00000405	0.000553	0.000457	0.00164
2037 May	103	0.0509	0.0405	0.000506	20.6	0.0304	28.8	0.00000808	0.012	0.000654	0.00796	0.0142	0.000222	17	0.0000109	0.0000763	0.000391	0.000715	0.0345	0.00000793	1.89	0.00348	2.9	0.0808	0.000477	1.13	0.0079	0.00307	0.000165	0.000177	0.000469	0.0833	0.00000444	0.000626	0.000508	0.00171
2037 Jun	78.3	0.556	0.025	0.00168	17	0.0678	21.7	0.0000096	0.03	0.0013	0.0092	0.0203	0.000155	16.1	0.0000109	0.000282	0.000318	0.00097	0.0308	0.0000149	3.06	0.00309	3	0.23	0.000706	1.25	0.00603	0.00359	0.000135	0.000537	0.000428	0.0645	0.0000101	0.00105	0.000922	0.00325
2037 Jul	73	0.514	0.0273	0.00159	16.7	0.0755	20.1	0.0000101	0.0354	0.00124	0.00951	0.0214	0.000136	15.5	0.0000109	0.000312	0.000307	0.00111	0.0337	0.0000167	3.39	0.00312	2.9	0.213	0.000811	1.26	0.00553	0.00387	0.00013	0.000634	0.000411	0.0644	0.0000116	0.00116	0.00104	0.00379
2037 Aug	77.9	0.424	0.0302	0.00138	17.5	0.0698	21.6	0.0000101	0.0337	0.00113	0.0095	0.0205	0.000151	15.8	0.0000112	0.000284	0.000325	0.00109	0.0354	0.000016	3.24	0.00326	2.89	0.187	0.000791	1.25	0.00595	0.00379	0.000138	0.000594	0.000428	0.0685	0.000011	0.00112	0.001	0.00362
2037 Sep	78.8	0.412	0.0294	0.00134	17.5	0.0656	22.1	0.00000988	0.0319	0.00111	0.00932	0.0197	0.000157	15.8	0.0000111	0.000269	0.000326	0.00104	0.0348	0.0000153	3.08	0.00325	2.86	0.185	0.000754	1.21	0.00608	0.00361	0.000139	0.000558	0.000433	0.0682	0.0000103	0.00108	0.000957	0.00342
2037 Oct	80.2	0.36	0.0308	0.00121	17.6	0.0612	22.4	0.00000953	0.0292	0.00103	0.00902	0.0188	0.00016	15.7	0.000011	0.000242	0.000329	0.001	0.0346	0.0000142	2.92	0.00322	2.82	0.168	0.000717	1.19	0.00615	0.00351	0.000163	0.000507	0.000427	0.0692	0.00000955	0.00101	0.000891	0.00323
2037 Nov	83.6	0.266	0.0335	0.00099	18.1	0.0554	23.3	0.00000925	0.0263	0.000908	0.00877	0.0178	0.000169	15.7	0.000011	0.000207	0.000339	0.000964	0.0351	0.0000131	2.74	0.00327	2.78	0.139	0.00068	1.17	0.00638	0.00344	0.00017	0.000449	0.000428	0.0721	0.00000865	0.000939	0.000823	0.003
2037 Dec	88.3	0.18	0.0361	0.000787	18.7	0.0476	24.5	0.00000883	0.022	0.000796	0.00844	0.0166	0.000181	15.8	0.0000108	0.000164	0.000351	0.000891	0.0352	0.0000114	2.47	0.0033	2.77	0.114	0.000618	1.15	0.00671	0.00334	0.000166	0.000365	0.000432	0.0753	0.00000737	0.000834	0.000722	0.00262
2038 Jan	92.5	0.123	0.0378	0.000653	19.3	0.0408	25.7	0.00000841	0.0177	0.00072	0.00814	0.0155	0.000192	16.1	0.0000106	0.000127	0.000361	0.000821	0.0349	0.00000982	2.24	0.00332	2.79	0.0973	0.000557	1.14	0.00703	0.00323	0.000163	0.000283	0.000435	0.0776	0.00000614	0.000733	0.000625	0.00225
2038 Feb	95.5	0.0882	0.0389	0.000571	19.6	0.0361	26.5	0.00000811	0.0146	0.000673	0.00791	0.0148	0.000201	16.2	0.0000105	0.0001	0.000368	0.000768	0.0346	0.00000865	2.07	0.00333	2.8	0.0874	0.000512	1.13	0.00724	0.00314	0.000161	0.000224	0.000438	0.0792	0.00000525	0.000659	0.000553	0.00199
2038 Mar	97.7	0.0656	0.0397	0.000518	19.8	0.0327	27.1	0.00000787	0.0122	0.000641	0.00774	0.0143	0.000206	16.4	0.0000104	0.0000805	0.000374	0.00073	0.0343	0.00000777	1.94	0.00333	2.81	0.0809	0.000479	1.12	0.0074	0.00308	0.00016	0.000179	0.000439	0.0802	0.00000458	0.000602	0.000499	0.00179
2038 Apr	99.2	0.0525	0.0403	0.000488	20	0.0304	27.4	0.0000077	0.0104	0.000623	0.00762	0.0139	0.00021	16.5	0.0000103	0.0000668	0.000377	0.000704	0.0341	0.00000712	1.86	0.00333	2.82	0.0773	0.000455	1.11	0.00751	0.00305	0.000159	0.000146	0.000439	0.081	0.00000411	0.00056	0.000459	0.00165
2038 May	102	0.053	0.0402	0.000489	20.4	0.0298	28.3	0.00000782	0.0104	0.000636	0.00776	0.014	0.000218	16.9	0.0000106	0.0000659	0.000386	0.000702	0.0342	0.00000721	1.85	0.0034	2.88	0.0796	0.000454	1.13	0.00776	0.00305	0.000162	0.000145	0.000454	0.0825	0.00000406	0.000571	0.000463	0.00163

Appendix C6: IVR Attenuation Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	118	0.34	0.44	0.0134	30	0.125	38.1	0.000013	0.00686	0.0154	0.0184	0.0502	0.000108	28.3	0.0000111	0.000512	0.000462	0.000874	0.125	0.00000885	3.43	0.00428	5.43	0.184	0.006	3.72	0.00594	0.0127	0.000163	0.000488	0.000302	0.16	0.00000757	0.000721	0.00385	0.00366
Operation (2023 to 2025): Average	148	0.683	1.31	0.0626	32.7	0.14	54.2	0.0000166	0.0183	0.105	0.0204	0.0546	0.000149	35.3	0.0000123	0.000602	0.000573	0.00154	0.182	0.0000123	4.64	0.00454	8.98	0.208	0.00782	4.46	0.0227	0.0146	0.000186	0.0014	0.000457	0.182	0.0000119	0.000982	0.00411	0.00538
Operation (2023 to 2025): Max	210	1.32	2.99	0.161	37.5	0.165	86.6	0.0000243	0.0457	0.305	0.0232	0.0615	0.000174	49.8	0.0000149	0.0008	0.000628	0.00288	0.215	0.0000219	7.28	0.00469	16.4	0.265	0.0113	4.83	0.0552	0.0156	0.000198	0.00381	0.000816	0.197	0.0000218	0.00167	0.00457	0.00911
Active Closure (2026 to 2028): Min	91.2	0.000006	0.0000694	0.000000642	25.5	0.00049	44.6	0.0000101	0.00635	0.000505	0.01	0.0107	0.000256	22.7	0.0000146	0.00000237	0.000452	0.000812	0.0101	0.00000992	1.74	0.00491	3.43	0.106	0.00051	0.952	0.0102	0.0000115	0.000239	0.000108	0.000562	0.0924	9.61E-08	0.000866	0.000512	0.00104
Active Closure (2026 to 2028): Average	147	0.031	0.225	0.00246	30.2	0.0421	56.6	0.0000164	0.0351	0.00484	0.0131	0.0182	0.000441	27.1	0.0000219	0.000258	0.000577	0.00144	0.0246	0.0000214	3.55	0.00543	4.18	0.125	0.00124	1.24	0.0164	0.00159	0.000295	0.000747	0.00101	0.105	0.0000097	0.00171	0.0013	0.00368
Active Closure (2026 to 2028): Max	168	0.281	2.1	0.0195	32.5	0.14	63	0.0000419	0.119	0.0261	0.0213	0.0403	0.000523	29.6	0.0000269	0.00107	0.000636	0.00308	0.148	0.0000546	8.42	0.00642	5.41	0.181	0.00451	3.61	0.0217	0.0106	0.000316	0.00283	0.00111	0.167	0.0000412	0.00368	0.00314	0.0107
Model Predictions (2023-2028)																																				
2023 Jan	125	0.373	0.583	0.0217	31.6	0.125	42.6	0.0000141	0.00869	0.0474	0.02	0.0502	0.000174	29.5	0.0000116	0.000512	0.00061	0.000967	0.192	0.00000947	3.59	0.00454	6.07	0.184	0.0064	4.54	0.0135	0.0156	0.000198	0.000677	0.000338	0.19	0.00000821	0.000769	0.00393	0.00411
2023 Feb	124	0.369	0.495	0.0171	32.3	0.13	41.1	0.0000132	0.00733	0.0305	0.0184	0.0532	0.000169	29.3	0.0000112	0.000544	0.000624	0.000895	0.214	0.00000901	3.47	0.00466	5.83	0.189	0.00655	4.8	0.0095	0.0154	0.000195	0.00056	0.000316	0.191	0.00000776	0.000733	0.00399	0.0038
2023 Mar	122	0.356	0.457	0.015	32.1	0.13	39.9	0.000013	0.00686	0.0229	0.0185	0.0534	0.000167	29	0.0000111	0.00054	0.000626	0.000874	0.215	0.00000885	3.43	0.00465	5.66	0.188	0.00643	4.83	0.00771	0.0153	0.000195	0.000508	0.000307	0.192	0.00000758	0.000721	0.00401	0.00368
2023 Apr	121	0.349	0.451	0.0146	31.9	0.13	39.4	0.0000131	0.00686	0.0204	0.019	0.0532	0.000167	28.8	0.0000111	0.000533	0.000625	0.00088	0.213	0.00000887	3.43	0.00463	5.61	0.187	0.00633	4.81	0.007	0.0152	0.000195	0.000499	0.000305	0.193	0.00000757	0.000723	0.00403	0.00367
2023 May	121	0.353	0.471	0.0156	32	0.13	39.6	0.0000133	0.00724	0.0213	0.0197	0.0533	0.000168	29.1	0.0000112	0.00053	0.000628	0.000907	0.21	0.00000905	3.5	0.00463	5.68	0.187	0.00631	4.81	0.00696	0.0152	0.000196	0.00052	0.000309	0.196	0.00000773	0.000738	0.00408	0.00374
2023 Jun	207	1.3	2.99	0.161	35.5	0.165	85.4	0.0000193	0.0388	0.305	0.0221	0.0581	0.000108	49.3	0.0000145	0.000681	0.000462	0.00288	0.125	0.0000187	6.77	0.0043	16.4	0.221	0.0113	3.72	0.0549	0.0127	0.000163	0.003	0.000737	0.16	0.0000183	0.00152	0.00424	0.00911
2023 Jul	210	1.32	2.82	0.148	36.3	0.162	86.6	0.000024	0.0352	0.283	0.021	0.0615	0.00012	49.8	0.0000149	0.0008	0.000497	0.0027	0.145	0.0000172	7.04	0.00465	16	0.265	0.0113	4.14	0.0552	0.0143	0.000166	0.00381	0.000816	0.163	0.0000203	0.00139	0.00445	0.00831
2023 Aug	207	1.21	2.65	0.145	37.5	0.159	84.8	0.0000213	0.0293	0.281	0.0212	0.061	0.000129	49.4	0.0000142	0.000729	0.000523	0.00252	0.158	0.0000152	6.35	0.00461	15.5	0.236	0.0113	4.28	0.0518	0.0146	0.000172	0.00304	0.000724	0.172	0.0000172	0.00125	0.00438	0.00793
2023 Sep	197	1.09	2.53	0.132	35.9	0.155	80.4	0.0000235	0.0314	0.255	0.0219	0.0599	0.000128	46.9	0.0000145	0.000754	0.000519	0.00247	0.153	0.000016	6.53	0.00467	14.5	0.225	0.0106	4.23	0.0489	0.0143	0.000174	0.0034	0.000751	0.173	0.0000189	0.0013	0.00453	0.00775
2023 Oct	158	0.77	1.63	0.074	32.8	0.143	59.6	0.0000212	0.0248	0.138	0.0214	0.0557	0.00014	37.6	0.0000134	0.000692	0.000552	0.00182	0.168	0.0000143	5.51	0.00463	9.99	0.221	0.0082	4.36	0.0293	0.0143	0.000185	0.00239	0.000573	0.178	0.0000158	0.00112	0.00431	0.00605
2023 Nov	134	0.562	0.959	0.0379	31.6	0.135	46.5	0.0000172	0.0162	0.0651	0.0201	0.0534	0.000153	32	0.0000121	0.000609	0.000584	0.00129	0.187	0.0000117	4.41	0.00457	7.23	0.215	0.00683	4.52	0.0157	0.0146	0.000192	0.00131	0.000416	0.183	0.0000116	0.000911	0.00406	0.00469
2023 Dec	124	0.447	0.655	0.0228	31.2	0.131	41.2	0.0000152	0.0114	0.0347	0.0199	0.0524	0.00016	29.7	0.0000115	0.000561	0.000602	0.00105	0.196	0.0000102	3.86	0.00454	6.1	0.204	0.0063	4.61	0.00987	0.0147	0.000194	0.000828	0.000348	0.188	0.00000951	0.000803	0.00401	0.00407
2024 Jan	120	0.393	0.535	0.0173	31.1	0.129	39.4	0.0000143	0.00917	0.0236	0.0199	0.052	0.000163	28.8	0.0000112	0.000538	0.00061	0.000962	0.2	0.00000954	3.63	0.00454	5.7	0.196	0.00612	4.65	0.00765	0.0148	0.000195	0.000637	0.000322	0.191	0.00000856	0.00076	0.00401	0.00383
2024 Feb	118	0.364	0.481	0.015	31.1	0.128	38.5	0.0000139	0.0081	0.0188	0.02	0.0518	0.000164	28.5	0.0000111	0.000524	0.000614	0.000921	0.201	0.00000922	3.53	0.00453	5.53	0.191	0.00604	4.67	0.00665	0.0148	0.000195	0.000553	0.00031	0.193	0.00000809	0.00074	0.00401	0.00373
2024 Mar	118	0.348	0.453	0.0138	31.1	0.127	38.1	0.0000136	0.00751	0.0164	0.0201	0.0518	0.000165	28.3	0.0000111	0.000517	0.000616	0.000901	0.202	0.00000905	3.47	0.00452	5.44	0.188	0.006	4.68	0.00615	0.0148	0.000196	0.00051	0.000304	0.194	0.00000784	0.00073	0.00402	0.00367
2024 Apr	118	0.34	0.44	0.0134	31.1	0.128	38.1	0.0000135	0.00718	0.0154	0.0202	0.0518	0.000166	28.3	0.0000111	0.000514	0.000619	0.000893	0.203	0.00000897	3.45	0.00453	5.43	0.186	0.00601	4.7	0.00594	0.0149	0.000196	0.000488	0.000302	0.195	0.00000771	0.000726	0.00404	0.00366
2024 May	119	0.341	0.451	0.0141	31.4	0.129	38.5	0.0000136	0.00728	0.0167	0.0205	0.0522	0.000167	28.6	0.0000112	0.000515	0.000624	0.000908	0.203	0.00000906	3.49	0.00456	5.51	0.186	0.00607	4.73	0.00609	0.015	0.000197	0.000494	0.000304	0.197	0.00000776	0.000735	0.00408	0.00371
2024 Jun	192	1.16	2.62	0.139	34.7	0.16	77.3	0.000018	0.0353	0.262	0.0219	0.0566	0.000115	45.8	0.0000138	0.000642	0.000479	0.0026	0.133	0.0000177	6.26	0.00428	14.6	0.214	0.0104	3.81	0.0468	0.0128	0.000168	0.00239	0.000656	0.164	0.0000167	0.00142	0.00414	0.0084
2024 Jul	198	1.22	2.51	0.134	36.1	0.159	80	0.0000201	0.0308	0.254	0.0206	0.0601	0.000127	47.2	0.0000137	0.000712	0.000515	0.00245	0.154	0.0000157	6.26	0.00454	14.8	0.253	0.0108	4.21	0.0481	0.0143	0.00017	0.00263	0.000698	0.167	0.000017	0.00128	0.00425	0.00775
2024 Aug	203	1.16	2.56	0.14	37.4	0.158	82.2	0.0000207	0.0289	0.273	0.0213	0.061	0.000131	48.4	0.0000138	0.000707	0.000529	0.00245	0.16	0.000015	6.22	0.00462	15	0.23	0.011	4.32	0.0494	0.0145	0.000174	0.00268	0.000712	0.175	0.0000168	0.00125	0.00442	0.00778
2024 Sep	196	1.08	2.54	0.131	35.9	0.155	79.8	0.0000239	0.0328	0.256	0.0221	0.0602	0.000127	46.6	0.0000142	0.000756	0.000519	0.00248	0.153	0.0000164	6.59	0.00469	14.3	0.222	0.0106	4.27	0.0487	0.0143	0.000175	0.00315	0.000757	0.174	0.0000194	0.00133	0.00457	0.0078
2024 Oct	158	0.77	1.65	0.0754	32.9	0.144	59.9	0.0000215	0.0259	0.141	0.0215	0.0561	0.00014	37.7	0.0000132	0.000695	0.000551	0.00184	0.168	0.0000146	5.56	0.00465	10	0.219	0.00827	4.39	0.0297	0.0143	0.000185	0.00221	0.000578	0.179	0.0000162	0.00114	0.00433	0.00614
2024 Nov	135	0.567	0.987	0.0394	31.7	0.136	47	0.0000174	0.0169	0.0684	0.0201	0.0537	0.000153	32.2	0.000012	0.000612	0.000583	0.00132	0.187	0.0000119	4.46	0.00458	7.33	0.214	0.00691	4.53	0.0162	0.0146	0.000192	0.00124	0.000422	0.183	0.0000119	0.000926	0.00407	0.00477
2024 Dec	124	0.452	0.672	0.0237	31.3	0.131	41.6	0.0000154	0.0117	0.0367	0.0199	0.0526	0.00016	29.8	0.0000115	0.000565	0.000602	0.00107	0.196	0.0000103	3.89	0.00455	6.17	0.204	0.00635	4.62	0.0102	0.0147	0.000194	0.000806	0.000352	0.188	0.00000967	0.000811	0.00401	0.00411
2025 Jan	120	0.396	0.545	0.0178	31.2	0.129	39.5	0.0000144	0.0094	0.0247	0.0199	0.0521	0.000163	28.9	0.0000112	0.000539	0.00061	0.000971	0.2	0.00000961	3.65	0.00454	5.74	0.196	0.00614	4.66	0.00785	0.0148	0.000195	0.000629	0.000324	0.191	0.00000866	0.000764	0.00401	0.00386
2025 Feb	119	0.367	0.488	0.0154	31.1	0.128	38.7	0.0000139	0.00825	0.0196	0.02	0.0519	0.000164	28.5	0.0000111	0.000526	0.000614	0.000928	0.201	0.00000927	3.54	0.00453	5.55	0.191	0.00606	4.67	0.0068	0.0148	0.000195	0.000551	0.000312	0.192	0.00000816	0.000743	0.00402	0.00374
2025 Mar	118	0.35	0.458	0.0141	31.1	0.128	38.2	0.0000136	0.00762	0.017	0.0201	0.0518	0.000165	28.3	0.0000111	0.000518	0.000616	0.000905	0.202	0.00000908	3.48	0.00453	5.46	0.188	0.00602	4.68	0.00625	0.0148	0.000195	0.00051	0.000305	0.194	0.00000789	0.000732	0.00402	0.00368
2025 Apr	118	0.342	0.445	0.0137	31.1	0.128	38.2	0.0000135	0.00727	0.0159	0.0202	0.0519	0.000166	28.3	0.0000111	0.000515	0.000619	0.000896	0.203	0.000009	3.46	0.00453	5.44	0.187	0.00602	4.7	0.00601	0.0149	0.000196	0.000489	0.000303	0.195	0.00000775	0.000728	0.00404	0.00366
2025 May	119	0.342	0.453	0.0142	31.4	0.129	38.5	0.0000136	0.00735	0.0165	0.0204	0.0523	0.000167	28.6	0.0000112	0.000517	0.000624	0.000907	0.204	0.00000909	3.49	0.00457	5.5	0.187	0.00607	4.74	0.00608	0.015	0.000197	0.000493	0.000305	0.197	0.0000078	0.000736	0.00408	0.00371
2025 Jun	182	1.16	2.8	0.141	34.1	0.161	70.7	0.0000243	0.0457	0.222	0.0232	0.0568	0.000113	43.3	0.0000149	0.000769	0.000476	0.0026	0.129	0.0000219	7.28	0.00456	12.6	0.219	0.00915	3.9	0.0424	0.0132	0.000173	0.00281	0.000681	0.162	0.0000218	0.00167	0.00426	0.00861
2025 Jul	186	1.27	2.55	0.142	36.4	0.159	72.3	0.0000185	0.0311	0.22	0.0198	0.0582	0.00013	44.6	0.0000134	0.000682	0.000519	0.00228	0.159	0.0000163	5.8	0.00448	13.2	0.249	0.00986	4.13	0.0411	0.0147	0.000172	0.00176	0.000586	0.164	0.0000156	0.00128	0.00394	0.00759
2025 Aug	178	1.09	2.22	0.125	33.9	0.154	70.5	0.0000163	0.0259	0.154	0.0201	0.0561	0.000138	42	0.000013	0.000622	0.000541	0.00212	0.169	0.0000144	5.1	0.00443	12.9	0.223	0.0101	4.24	0.0379	0.0148	0.000177	0.00141	0.000512	0.172	0.000013	0.00114	0.00394	0.00689
2025 Sep	162	0.941	1.92	0.102	30.6	0.149	64.5	0.0000149	0.0262	0.094	0.02	0.0532	0.000137	37.9	0.0000127	0.00059	0.000536	0.00199	0.167	0.0000144	4.8	0.00434	11.8	0.209	0.00952	4.15	0.0324	0.0142	0.000176	0.00126	0.000457	0.171	0.000012	0.00113	0.00386	0.0064
2025 Oct	138	0.697	1.27	0.0589	30	0.14	50.5	0.000014	0.0203	0.052	0.0198	0.0517	0.000146	32.6	0.0000119	0.000556	0.00056	0.0015	0.177	0.0000127	4.25	0.00436	8.6	0.209	0.00765	4.27	0.0193	0.0141	0.000184	0.000897	0.000383	0.176	0.0000104	0.000989	0.00385	0.00521
2025 Nov	124	0.522	0.776	0.0299	30.3	0.133	41.9	0.0000134	0.0136	0.0272	0.0194	0.0515	0.000156	29.6	0.0000113	0.000538	0.000588	0.00112	0.191	0.0000107	3.78	0.00443	6.52	0.209	0.00651	4.47	0.0106	0.0145	0.000191	0.000636	0.000332	0.183	0.00000886	0.000841	0.00388	0.00425
2025 Dec	119	0.428	0.567	0.0191	30.7	0.129	39.1	0.0000132	0.00992	0.0184	0.0195	0.0516	0.000161	28.6	0.0000111	0.000523	0.000604	0.000968	0.198	0.0000096	3.55	0.00448	5.78	0.201	0.00615	4.59	0.00741	0.0147	0.000194	0.000522	0.00031	0.188	0.00000805	0.000768	0.00393	0.00385
2026 Jan	139	0.281	0.356	0.0114	32.5	0.0905	48.1	0.0000125	0.0081	0.0116	0.0165	0.0403	0.000288	29.6	0.0000146	0.000372	0.000636	0.000916	0.148	0.00000992	3.01	0.00491	5.41	0.181	0.00451	3.61	0.0102	0.0106	0.000239	0.000377	0.000562	0.167	0.00000541	0.000866	0.00292	0.00293
2026 Feb	152	0.113	0.144	0.00462	31.4	0.0365	55.3	0.000011	0.00689	0.00495	0.0126	0.0226	0.000415	28.5	0.0000178	0.00015	0.000614	0.000848	0.0656	0.00000998	2.24	0.00497	4.71	0.147	0.00212	2.02	0.0137	0.00425	0.000276	0.000212	0.000824	0.129	0.00000219	0.000947	0.00148	0.00178
2026 Mar	157	0.0463	0.0594	0.00189	30.9	0.0149	58.1	0.0000104	0.00639	0.00232	0.0111	0.0155	0.000465	28	0.0000191	0.0000615	0.000606	0.00082	0.0327	0.00001	1.93	0.00499	4.43	0.133	0.00116	1.39	0.0151	0.00174	0.00029	0.000146	0.000928	0.114	0.000000901	0.000979	0.000899	0.00132
2026 Apr	161	0.0186	0.0263	0.000777	31.1	0.00612	60	0.0000103	0.00635	0.00123	0.0106	0.0127	0.000492	28.2	0.0000199	0.0000253	0.000609	0.000821	0.0192	0.0000102	1.82	0.00506	4.36	0.129	0.000771	1.14	0.0159	0.000695	0.0003	0.000122	0.000983	0.108	0.000000392	0.00101	0.000668	0.00115
2026 May	167	0.0146	0.0909	0.00106	32	0.00609	62.5	0.0000124	0.01	0.00265	0.0112	0.0126	0.000512	29.1	0.0000212	0.0000558	0.000628	0.000903	0.0153	0.000012	2.04	0.00531	4.46	0.134	0.000707	1.11	0.0174	0.000476	0.000313	0.000223	0.00104	0.11	0.00000185	0.00113	0.000676	0.00138
2026 Jun	128	0.183	2.1	0.0195	26.6	0.126	45.2	0.0000287	0.101	0.0116	0.0181	0.0303	0.000295	23.1	0.0000252	0.000774	0.000469	0.00285	0.0366	0.0000464	7.43	0.00599	3.53	0.106	0.00231	1.41	0.016	0.00361	0.000268	0.00214	0.000997	0.0924	0.0000304	0.00328	0.00272	0.00948
2026 Jul	153	0.129	1.49	0.0138	31	0.093	54.7	0.0000205	0.0734	0.00347	0.0161	0.0258	0.000406	27	0.0000254	0.000491	0.000564	0.0024	0.0295	0.0000363	5.97	0.00612	4.14	0.114	0.0018	1.29	0.0154	0.00234	0.000306	0.00144	0.00109	0.104	0.0000196	0.00273	0.00211	0.00727
2026 Aug	162	0.0859	0.992	0.00918	32.1	0.0628	58.8	0.0000168	0.0512	0.00169	0.0144	0.0212	0.000457	28.3	0.0000244	0.000318	0.0006	0.00191	0.0234	0.0000279	4.63	0.00594	4.34	0.121	0.00139	1.2	0.0159	0.00153	0.000316	0.00098	0.0011	0.108	0.0000128	0.0022	0.0016	0.00525
2026 Sep	148	0.0839	0.97	0.00897	29.5	0.062	53.6	0.0000153	0.0497	0.000904	0.0134	0.0201	0.000416	26	0.0000226	0.000303	0.000549	0.00183	0.0222	0.0000266	4.43	0.00549	3.98	0.109	0.00132	1.1	0.0142	0.00147	0.00029	0.000937	0.00101	0.0989	0.0000123	0.00209	0.00153	0.0051
2026 Oct	149	0.0655	0.757	0.007	29.4	0.0481	54.4	0.0000142	0.0401	0.00106	0.0125	0.0179	0.000429	26	0.0000218	0.000239	0.000554	0.00159	0.0194	0.0000229	3.81	0.00533	3.99	0.112	0.00114	1.06	0.0146	0.00115	0.000289	0.000757	0.001	0.0988	0.00000965	0.00184	0.0013	0.00418
2026 Nov	154	0.0346	0.4	0.0037	29.9	0.0256	57	0.0000121	0.024	0.000697	0.0113	0.0145	0.000462	26.8	0.0000209	0.000126	0.000575	0.00122	0.015	0.0000168	2.82	0.00517	4.1	0.117	0.000836	1.01	0.0152	0.000607	0.000294	0.000445	0.000999	0.101	0.00000507	0.00144	0.000922	0.00269
2026 Dec	158	0.0139	0.161	0.00149	30.3	0.0103	58.9	0.0000109	0.0132	0.000577	0.0105	0.0122	0.000485	27.3	0.0000204	0.0000505	0.00059	0.000969	0.012	0.0000127	2.16	0.00507	4.18	0.121	0.000635	0.973	0.0158	0.000244	0.000298	0.000239	0.001	0.102	0.00000204	0.00118	0.00067	0.00168
2027 Jan	159	0.00548	0.0633	0.000586	30.5	0.00409	59.6	0.0000103	0.00889	0.00053	0.0102	0.0112	0.000494	27.6	0.0000202	0.0000201	0.000596	0.000867	0.0108	0.0000111	1.89	0.00503	4.21	0.123	0.000554	0.959	0.016	0.0000971	0.000299	0.000155	0.001	0.103	0.000000811	0.00107	0.000568	0.00127
2027 Feb	160	0.00221	0.0255	0.000236	30.6	0.00171	59.9	0.0000101	0.00721	0.000512	0.0101	0.0109	0.000498	27.6	0.0000201	0.00000838	0.000598	0.000828	0.0103	0.0000105	1.78	0.00501	4.22	0.123	0.000523	0.954	0.016	0.0000405	0.0003	0.000123	0.001	0.103	0.000000339	0.00103	0.000528	0.00111
2027 Mar	160	0.000901	0.0104	0.0000964	30.6	0.000732	60	0.0000101	0.00652	0.000505	0.01	0.0107	0.000499	27.7	0.00002	0.00000358	0.0006	0.000812	0.0101	0.0000102	1.74	0.00501	4.23	0.124	0.00051	0.952	0.0161	0.0000173	0.0003	0.00011	0.001	0.103	0.000000145	0.00101	0.000512	0.00105
2027 Apr	162	0.000358	0.00414	0.0000383	31	0.00049	60.8	0.0000102	0.00642	0.000508	0.0101	0.0108	0.000505	28	0.0000203	0.00000237	0.000607	0.000818	0.0102	0.0000103	1.75	0.00506	4.28	0.125	0.000513	0.963	0.0163	0.0000115	0.000304	0.000108	0.00101	0.104	9.61E-08	0.00102	0.000514	0.00104
2027 May	163	0.00406	0.0469	0.000434	31.1	0.0162	62.1	0.000022	0.0252	0.0129	0.0134	0.0144	0.000485	28.6	0.0000226	0.000269	0.000611	0.0011	0.0158	0.0000185	2.82	0.0056	4.34	0.146	0.000911	1.24	0.0216	0.00109	0.000311	0.000741	0.00107	0.109	0.00000993	0.00146	0.000962	0.00237
2027 Jun	91.2	0.00817	0.0945	0.000874	25.5	0.14	44.6	0.0000419	0.119	0.0261	0.0213	0.0333	0.000256	22.7	0.0000269	0.00107	0.000452	0.00308	0.0413	0.0000546	8.42	0.00637	3.43	0.126	0.00268	1.67	0.0217	0.00474	0.000265	0.00283	0.00102	0.0931	0.0000412	0.00368	0.00314	0.0107
2027 Jul	127	0.0049	0.0567	0.000524	30.2	0.0992	54.9	0.0000313	0.0854	0.0159	0.0185	0.0276	0.000381	26.9	0.0000267	0.000714	0.000556	0.0025	0.0327	0.0000418	6.57	0.00642	4.09	0.133	0.00206	1.51	0.0205	0.0032	0.000305	0.00195	0.00111	0.106	0.0000277	0.00297	0.00239	0.00794
2027 Aug	141	0.00368	0.0426	0.000394	31.2	0.0704	58.2	0.000026	0.0629	0.0121	0.0165	0.023	0.000429	28	0.0000254	0.000516	0.000586	0.00203	0.0265	0.000033	5.22	0.00617	4.25	0.135	0.00163	1.39	0.02	0.00231	0.000313	0.00144	0.00111	0.108	0.00002	0.00244	0.00186	0.00596
2027 Sep	131	0.00195	0.0225	0.000208	29.3	0.0635	54.1	0.0000201	0.0543	0.00659	0.0144	0.0208	0.000409	26.1	0.0000232	0.000398	0.000548	0.00185	0.0235	0.0000288	4.65	0.00563	3.98	0.119	0.00142	1.21	0.0167	0.00183	0.000291	0.00115	0.00102	0.1	0.0000157	0.00218	0.00164	0.00532
2027 Oct	136	0.000755	0.00873	0.0000807	29.4	0.0476	54.7	0.0000156	0.0407	0.00284	0.0128	0.018	0.000429	26.1	0.000022	0.000264	0.000555	0.00158	0.0196	0.0000233	3.84	0.00537	4	0.115	0.00116	1.09	0.0154	0.00124	0.00029	0.00081	0.001	0.0993	0.0000105	0.00185	0.00131	0.00418
2027 Nov	147	0.00117	0.0135	0.000125	29.8	0.0278	57.1	0.0000152	0.0277	0.00416	0.012	0.015	0.000455	26.8	0.0000213	0.00019	0.000573	0.00126	0.016	0.0000184	3.01	0.00526	4.09	0.122	0.000914	1.07	0.0167	0.000858	0.000294	0.000593	0.001	0.101	0.0000074	0.00152	0.00101	0.0029
2027 Dec	155	0.000586	0.00678	0.0000627	30.2	0.0116	58.9	0.0000124	0.0152	0.00234	0.0109	0.0125	0.000481	27.3	0.0000206	0.0000838	0.000589	0.000989	0.0126	0.0000136	2.26	0.00512	4.17	0.124	0.000677	1.01	0.0165	0.000376	0.000298	0.000316	0.001	0.102	0.00000325	0.00122	0.000715	0.0018
2028 Jan	158	0.000227	0.00262	0.0000243	30.5	0.00459	59.6	0.0000109	0.00965	0.00121	0.0104	0.0113	0.000492	27.6	0.0000202	0.000033	0.000596	0.000875	0.011	0.0000114	1.93	0.00505	4.21	0.124	0.00057	0.972	0.0162	0.000148	0.000299	0.000185	0.001	0.103	0.00000128	0.00109	0.000585	0.00132
2028 Feb	159	0.0000902	0.00104	0.00000964	30.5	0.00189	59.9	0.0000104	0.00749	0.000783	0.0101	0.0109	0.000497	27.6	0.0000201	0.0000134	0.000598	0.000831	0.0104	0.0000106	1.8	0.00502	4.22	0.124	0.000529	0.959	0.0162	0.0000603	0.0003	0.000135	0.001	0.103	0.000000521	0.00104	0.000535	0.00113
2028 Mar	160	0.0000362	0.000419	0.00000387	30.6	0.00079	60	0.0000102	0.00663	0.000614	0.0101	0.0107	0.000499	27.7	0.00002	0.00000554	0.0006	0.000813	0.0102	0.0000102	1.75	0.00501	4.23	0.124	0.000512	0.954	0.0161	0.000025	0.0003	0.000114	0.001	0.103	0.000000216	0.00102	0.000515	0.00105
2028 Apr	162	0.0000144	0.000166	0.00000154	31	0.000527	60.8	0.0000102	0.00647	0.000551	0.0102	0.0108	0.000505	28	0.0000203	0.00000322	0.000607	0.000819	0.0102	0.0000103	1.76	0.00507	4.28	0.125	0.000514	0.964	0.0163	0.0000149	0.000304	0.00011	0.00101	0.104	0.000000127	0.00102	0.000516	0.00105
2028 May	168	0.000006	0.0000694	0.000000642	32.2	0.00189	63	0.0000107	0.00765	0.000543	0.0106	0.0114	0.000523	29.1	0.0000211	0.00000933	0.00063	0.000873	0.0109	0.000011	1.88	0.00527	4.44	0.13	0.000551	1	0.0169	0.000045	0.000315	0.000131	0.00105	0.108	0.000000377	0.00109	0.000557	0.00118
2028 Jun	94.7	0.00748	0.0865	0.0008	25.9	0.132	45.4	0.0000396	0.113	0.024	0.0206	0.0321	0.00027	23	0.0000265	0.000998	0.00046	0.00296	0.0395	0.000052	8.04	0.00628	3.47	0.125	0.00255	1.62	0.0211	0.00444	0.000267	0.00265	0.00102	0.0936	0.0000386	0.00353	0.00299	0.0102
2028 Jul	127	0.00285	0.033	0.000305	30.6	0.095	54.9	0.0000257	0.0785	0.00945	0.0172	0.0265	0.000396	27	0.000026	0.000593	0.000561	0.00243	0.0308	0.0000387	6.22	0.00626	4.12	0.124	0.00191	1.39	0.0179	0.00273	0.000306	0.00167	0.0011	0.105	0.0000233	0.00283	0.00223	0.00753
2028 Aug	142	0.0011	0.0127	0.000118	31.7	0.065	58.3	0.0000188	0.0542	0.00396	0.0148	0.0217	0.000448	28.1	0.0000245	0.000364	0.000593	0.00194	0.0241	0.0000291	4.78	0.00597	4.3	0.123	0.00144	1.24	0.0167	0.00171	0.000314	0.00109	0.0011	0.107	0.0000145	0.00226	0.00166	0.00544
2028 Sep	129	0.000329	0.00381	0.0000352	29.4	0.0623	53.5	0.0000158	0.0503	0.00149	0.0135	0.0202	0.000414	25.9	0.0000226	0.000314	0.000547	0.00183	0.0223	0.0000269	4.46	0.00549	3.97	0.11	0.00133	1.11	0.0144	0.00151	0.00029	0.000961	0.00101	0.0988	0.0000126	0.0021	0.00154	0.00513
2028 Oct	135	0.000398	0.0046	0.0000426	29.3	0.0486	54.4	0.0000148	0.0408	0.00171	0.0127	0.018	0.000427	26	0.0000219	0.000251	0.000553	0.0016	0.0196	0.0000232	3.85	0.00534	3.98	0.112	0.00115	1.07	0.0148	0.0012	0.000289	0.000785	0.001	0.0987	0.0000101	0.00185	0.00131	0.00422
2028 Nov	147	0.000276	0.00319	0.0000295	29.9	0.026	57	0.0000127	0.0247	0.00135	0.0115	0.0146	0.00046	26.8	0.000021	0.000138	0.000574	0.00123	0.0151	0.0000171	2.86	0.00518	4.09	0.118	0.000851	1.02	0.0155	0.000654	0.000294	0.000473	0.000999	0.101	0.00000551	0.00146	0.000938	0.00273
2028 Dec	155	0.000109	0.00126	0.0000116	30.3	0.0104	58.9	0.0000111	0.0135	0.000833	0.0106	0.0122	0.000484	27.3	0.0000204	0.0000552	0.00059	0.000971	0.0121	0.0000129	2.17	0.00507	4.18	0.121	0.000641	0.978	0.0159	0.000263	0.000298	0.00025	0.001	0.102	0.00000221	0.00118	0.000676	0.00169

Appendix C7: Whale Tail WRSPF Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	40.2	0.0745	0.812	0.0079	7.43	0.0713	10.3	0.0000102	0.0386	0.000727	0.00937	0.0182	0.0000175	7.69	0.0000081	0.000302	0.000113	0.00117	0.0166	0.0000152	4.25	0.00171	1.73	0.0126	0.000714	1.14	0.0021	0.00233	0.0000613	0.00201	0.000299	0.0366	0.0000146	0.00105	0.00154	0.00446
Operation (2023 to 2025): Average	138	0.244	2.8	0.026	12.9	0.139	56	0.0000264	0.0946	0.00653	0.0268	0.0622	0.0000235	31.8	0.0000237	0.0011	0.000235	0.00282	0.0274	0.0000289	20.4	0.00509	5.95	0.107	0.00174	4.15	0.0141	0.0066	0.000225	0.0201	0.00159	0.14	0.0000396	0.00311	0.00732	0.00741
Operation (2023 to 2025): Max	191	0.333	3.84	0.0356	15.6	0.172	80.4	0.0000361	0.13	0.0104	0.0368	0.088	0.000028	44.6	0.0000346	0.00152	0.000298	0.00363	0.034	0.000037	29.6	0.00694	8.31	0.187	0.00235	5.9	0.0222	0.00957	0.000334	0.0334	0.00241	0.2	0.0000518	0.00413	0.0108	0.00889
Active Closure (2026 to Sept. 2042): Min	19.1	0.000472	0.000347	0.0000497	6.76	0.0625	5.78	0.00000805	0.0233	0.000215	0.00728	0.0131	0.0000157	5.24	0.00000546	0.00019	0.0000925	0.000806	0.0129	0.0000112	2.38	0.00117	1.31	0.00484	0.00046	0.799	0.00103	0.00191	0.0000471	0.00045	0.000122	0.025	0.0000105	0.000627	0.000776	0.00349
Active Closure (2026 to Sept. 2042): Average	49.6	0.00884	0.0707	0.00089	14.2	0.167	14.1	0.0000191	0.112	0.000253	0.0152	0.032	0.0000362	10.7	0.0000176	0.000748	0.000196	0.00303	0.0388	0.0000461	7.87	0.00377	2	0.0215	0.00224	1.18	0.00282	0.00418	0.000261	0.00213	0.000515	0.0482	0.0000318	0.00313	0.00287	0.0114
Active Closure (2026 to Sept. 2042): Max	77.1	0.127	1.39	0.0132	21.5	0.275	22.3	0.0000303	0.199	0.000988	0.0233	0.0513	0.0000571	16	0.0000286	0.0013	0.000289	0.00521	0.0622	0.0000809	13.4	0.00636	2.58	0.0374	0.004	1.51	0.00457	0.00653	0.000432	0.00369	0.000897	0.0703	0.0000531	0.00561	0.00493	0.019
Post Closure (Oct. 2042 to 2070): Min	67.4	0.00112	0.00071	0.000112	17.9	0.216	17.9	0.0000243	0.164	0.000221	0.0191	0.0412	0.000046	13.3	0.0000221	0.000988	0.00024	0.00397	0.0491	0.0000611	10.3	0.00491	2.36	0.0282	0.00299	1.38	0.00362	0.00543	0.00019	0.00277	0.000677	0.0596	0.0000413	0.00419	0.00376	0.0147
Post Closure (Oct. 2042 to 2070): Average	71.8	0.00245	0.00122	0.00016	19.3	0.238	19.6	0.0000266	0.185	0.000246	0.0207	0.0451	0.0000503	14.4	0.0000245	0.0011	0.000259	0.00443	0.054	0.0000684	11.5	0.00545	2.48	0.0316	0.00336	1.46	0.00398	0.00585	0.000209	0.00311	0.000758	0.0639	0.0000457	0.00471	0.0042	0.0163
Post Closure (Oct. 2042 to 2070): Max	79.1	0.00342	0.00161	0.000212	21.4	0.268	21.9	0.0000298	0.218	0.00026	0.0231	0.0506	0.0000562	15.9	0.0000276	0.00126	0.000287	0.00504	0.0607	0.000078	13	0.00618	2.67	0.036	0.00384	1.57	0.00448	0.00648	0.000288	0.00355	0.000864	0.0705	0.0000517	0.00539	0.00477	0.0184
Model Predictions (2023-2070)																																				
2023 Jan	191	0.333	3.84	0.0356	15.6	0.169	80.4	0.0000361	0.114	0.0104	0.0368	0.088	0.0000253	44.6	0.0000308	0.00152	0.000298	0.00363	0.0311	0.0000341	29.6	0.00694	8.31	0.155	0.0022	5.9	0.0222	0.00912	0.000205	0.0334	0.00241	0.2	0.0000518	0.00403	0.0108	0.00843
2023 Feb	190	0.332	3.83	0.0355	15.5	0.168	80.3	0.000036	0.114	0.0104	0.0367	0.0879	0.0000253	44.5	0.0000308	0.00152	0.000298	0.00362	0.0311	0.0000341	29.6	0.00693	8.3	0.155	0.0022	5.9	0.0222	0.00911	0.000204	0.0334	0.0024	0.2	0.0000518	0.00402	0.0108	0.00842
2023 Mar	190	0.332	3.83	0.0355	15.5	0.168	80.2	0.000036	0.114	0.0104	0.0367	0.0879	0.0000253	44.5	0.0000308	0.00152	0.000298	0.00362	0.0311	0.0000341	29.6	0.00693	8.29	0.155	0.0022	5.89	0.0222	0.00911	0.000204	0.0333	0.0024	0.2	0.0000517	0.00402	0.0108	0.00842
2023 Apr	187	0.326	3.76	0.0348	15.3	0.166	78.5	0.0000354	0.112	0.0101	0.0361	0.0861	0.0000252	43.6	0.0000303	0.00149	0.000293	0.00356	0.0307	0.0000336	28.9	0.0068	8.13	0.152	0.00216	5.77	0.0217	0.00929	0.0002	0.0326	0.00235	0.195	0.0000508	0.00395	0.0106	0.00832
2023 May	182	0.319	3.67	0.0341	15	0.164	76.6	0.0000347	0.11	0.00985	0.0353	0.0838	0.0000251	42.6	0.0000299	0.00146	0.000287	0.0035	0.0303	0.0000333	28.2	0.00665	7.96	0.149	0.00212	5.62	0.0211	0.00957	0.000194	0.0317	0.00227	0.19	0.0000498	0.00386	0.0103	0.00826
2023 Jun	116	0.199	2.24	0.021	12.1	0.12	45.3	0.0000225	0.0726	0.00548	0.0223	0.0476	0.0000215	26	0.0000216	0.000932	0.000197	0.00233	0.0224	0.0000248	15.7	0.00405	5.14	0.101	0.00139	3.23	0.0118	0.00557	0.000097	0.0172	0.00114	0.11	0.0000321	0.00243	0.00551	0.00641
2023 Jul	165	0.271	3.11	0.0289	13.8	0.141	70.6	0.0000307	0.0922	0.00903	0.0313	0.0642	0.0000229	38.8	0.0000319	0.00136	0.000251	0.003	0.0277	0.0000284	23.4	0.00552	7.41	0.172	0.0017	4.54	0.0186	0.00684	0.000104	0.0282	0.00169	0.159	0.0000434	0.00321	0.00817	0.00726
2023 Aug	176	0.296	3.41	0.0317	14.4	0.151	76.1	0.000033	0.102	0.00973	0.0336	0.0687	0.0000243	41.6	0.0000345	0.00148	0.00026	0.00327	0.0303	0.0000314	25.3	0.00599	7.84	0.187	0.00188	4.8	0.02	0.0072	0.000112	0.0306	0.00183	0.17	0.0000469	0.00353	0.00886	0.0079
2023 Sep	176	0.297	3.41	0.0317	14.3	0.151	76.2	0.0000329	0.102	0.00975	0.0335	0.0685	0.000024	41.6	0.0000346	0.00148	0.000254	0.00327	0.0299	0.0000313	25.4	0.00598	7.82	0.187	0.00188	4.8	0.02	0.00716	0.000112	0.0306	0.00183	0.17	0.0000469	0.00353	0.00887	0.00786
2023 Oct	168	0.281	3.23	0.03	14	0.147	71.8	0.0000314	0.0975	0.00914	0.0318	0.0651	0.0000235	39.4	0.0000335	0.0014	0.000253	0.00315	0.0284	0.0000302	23.9	0.00568	7.46	0.175	0.00179	4.56	0.0188	0.00681	0.000255	0.0287	0.00172	0.161	0.0000446	0.00336	0.00836	0.00782
2023 Nov	159	0.265	3.05	0.0284	13.7	0.142	67.4	0.0000298	0.093	0.00855	0.0302	0.0617	0.000023	37.2	0.0000321	0.00132	0.000247	0.00301	0.0274	0.000029	22.5	0.00538	7.07	0.164	0.00171	4.32	0.0177	0.00647	0.000314	0.0268	0.00162	0.152	0.0000424	0.00318	0.00785	0.00764
2023 Dec	159	0.266	3.06	0.0285	13.7	0.142	67.7	0.0000299	0.0933	0.00859	0.0303	0.0619	0.0000231	37.3	0.0000322	0.00133	0.000247	0.00302	0.0274	0.0000291	22.6	0.0054	7.1	0.165	0.00172	4.33	0.0177	0.00649	0.000311	0.0269	0.00162	0.153	0.0000425	0.00319	0.00789	0.00765
2024 Jan	159	0.266	3.06	0.0284	13.7	0.142	67.6	0.0000299	0.0932	0.00857	0.0302	0.0618	0.0000231	37.2	0.0000321	0.00132	0.000247	0.00301	0.0274	0.000029	22.5	0.0054	7.08	0.164	0.00171	4.32	0.0177	0.00648	0.00031	0.0269	0.00162	0.153	0.0000424	0.00319	0.00787	0.00764
2024 Feb	159	0.265	3.05	0.0284	13.7	0.142	67.5	0.0000298	0.0931	0.00855	0.0302	0.0617	0.000023	37.2	0.0000321	0.00132	0.000247	0.00301	0.0274	0.000029	22.5	0.00539	7.07	0.164	0.00171	4.32	0.0177	0.00648	0.000309	0.0268	0.00162	0.153	0.0000424	0.00318	0.00786	0.00764
2024 Mar	159	0.265	3.05	0.0284	13.6	0.142	67.4	0.0000298	0.0931	0.00855	0.0302	0.0617	0.000023	37.2	0.0000321	0.00132	0.000247	0.00301	0.0274	0.000029	22.5	0.00539	7.07	0.164	0.00171	4.32	0.0177	0.00648	0.000309	0.0268	0.00162	0.152	0.0000424	0.00318	0.00786	0.00764
2024 Apr	159	0.265	3.05	0.0284	13.6	0.142	67.4	0.0000298	0.0931	0.00854	0.0302	0.0617	0.0000231	37.2	0.0000321	0.00132	0.000247	0.00301	0.0274	0.000029	22.5	0.00539	7.07	0.164	0.00171	4.32	0.0176	0.0065	0.000309	0.0268	0.00162	0.152	0.0000424	0.00318	0.00785	0.00764
2024 May	158	0.264	3.03	0.0282	13.6	0.141	66.8	0.0000297	0.0928	0.00845	0.03	0.0614	0.0000231	36.9	0.0000318	0.00131	0.000246	0.003	0.0273	0.000029	22.3	0.00536	7.02	0.162	0.00171	4.29	0.0175	0.0065	0.000306	0.0265	0.00161	0.151	0.0000422	0.00317	0.0078	0.00763
2024 Jun	99.9	0.181	2.03	0.019	11.5	0.119	36.6	0.0000195	0.0762	0.00375	0.0194	0.0474	0.0000219	22	0.0000156	0.000755	0.000191	0.00219	0.0222	0.0000247	14	0.0038	4.26	0.0569	0.00142	3.09	0.00858	0.0054	0.000113	0.011	0.0011	0.101	0.0000301	0.0024	0.00501	0.00635
2024 Jul	155	0.289	3.31	0.0308	14.4	0.166	62.1	0.000029	0.123	0.00642	0.03	0.0791	0.0000272	35.9	0.0000215	0.00119	0.000274	0.00332	0.0316	0.0000351	24.2	0.0061	6.43	0.0859	0.00222	5.11	0.0144	0.00819	0.000128	0.0186	0.00202	0.167	0.0000471	0.00391	0.00885	0.00851
2024 Aug	160	0.304	3.5	0.0325	14.5	0.172	65.1	0.0000303	0.13	0.00674	0.0313	0.0822	0.000028	37.3	0.0000225	0.00125	0.000279	0.00349	0.034	0.000037	25.5	0.00641	6.59	0.0908	0.00235	5.28	0.0151	0.00835	0.000134	0.0197	0.00214	0.173	0.0000494	0.00413	0.00933	0.00889
2024 Sep	157	0.299	3.43	0.0319	14.1	0.168	63.7	0.0000296	0.127	0.0066	0.0306	0.0804	0.0000274	36.5	0.0000221	0.00122	0.000268	0.00342	0.0333	0.0000362	25	0.00628	6.43	0.0888	0.00231	5.16	0.0148	0.00814	0.000131	0.0193	0.0021	0.17	0.0000484	0.00405	0.00914	0.00871
2024 Oct	149	0.281	3.24	0.0301	13.8	0.162	59.9	0.0000282	0.121	0.00617	0.029	0.0759	0.0000267	34.5	0.0000218	0.00116	0.000266	0.00328	0.0316	0.0000347	23.4	0.00594	6.14	0.0831	0.00219	4.88	0.0139	0.0077	0.000272	0.018	0.00196	0.16	0.0000459	0.00383	0.00858	0.00859
2024 Nov	142	0.266	3.06	0.0285	13.5	0.156	56.4	0.0000268	0.115	0.00578	0.0276	0.0718	0.000026	32.6	0.0000212	0.00109	0.000259	0.00313	0.0303	0.0000332	22.1	0.00563	5.84	0.078	0.00208	4.62	0.013	0.0073	0.00033	0.0168	0.00184	0.152	0.0000436	0.00362	0.00806	0.00837
2024 Dec	142	0.267	3.07	0.0286	13.5	0.157	56.6	0.0000269	0.116	0.00581	0.0277	0.0721	0.000026	32.8	0.0000212	0.0011	0.000259	0.00314	0.0304	0.0000333	22.2	0.00565	5.86	0.0783	0.00208	4.64	0.0131	0.00733	0.000326	0.0169	0.00185	0.152	0.0000438	0.00364	0.0081	0.00838
2025 Jan	142	0.266	3.07	0.0285	13.5	0.156	56.5	0.0000269	0.115	0.0058	0.0276	0.0719	0.000026	32.7	0.0000212	0.0011	0.000259	0.00314	0.0303	0.0000333	22.1	0.00564	5.85	0.0781	0.00208	4.63	0.0131	0.00732	0.000325	0.0169	0.00184	0.152	0.0000437	0.00363	0.00808	0.00837
2025 Feb	142	0.266	3.06	0.0285	13.5	0.156	56.4	0.0000269	0.115	0.00579	0.0276	0.0719	0.000026	32.7	0.0000211	0.00109	0.000259	0.00313	0.0303	0.0000332	22.1	0.00564	5.84	0.078	0.00208	4.63	0.0131	0.00732	0.000325	0.0168	0.00184	0.152	0.0000436	0.00363	0.00807	0.00837
2025 Mar	142	0.266	3.06	0.0285	13.5	0.156	56.4	0.0000269	0.115	0.00579	0.0276	0.0718	0.000026	32.6	0.0000211	0.00109	0.000259	0.00313	0.0303	0.0000332	22.1	0.00563	5.84	0.078	0.00208	4.62	0.013	0.00731	0.000325	0.0168	0.00184	0.152	0.0000436	0.00362	0.00807	0.00836
2025 Apr	141	0.265	3.05	0.0284	13.4	0.156	56.2	0.0000268	0.115	0.00577	0.0275	0.0716	0.0000259	32.5	0.0000211	0.00109	0.000258	0.00312	0.0303	0.0000332	22	0.00562	5.82	0.0777	0.00207	4.61	0.013	0.00734	0.000324	0.0168	0.00184	0.151	0.0000435	0.00361	0.00804	0.00835
2025 May	141	0.264	3.04	0.0283	13.4	0.156	56	0.0000267	0.115	0.00574	0.0275	0.0714	0.0000259	32.4	0.000021	0.00109	0.000257	0.00312	0.0302	0.0000331	21.9	0.0056	5.81	0.0774	0.00207	4.59	0.013	0.00738	0.000319	0.0167	0.00183	0.151	0.0000434	0.0036	0.00801	0.00834
2025 Jun	98.1	0.175	1.96	0.0184	11.2	0.116	35.6	0.0000188	0.0751	0.00351	0.0189	0.0484	0.0000211	21.6	0.0000138	0.000711	0.000189	0.00211	0.0213	0.0000236	13.9	0.00374	4.16	0.0473	0.00138	3.16	0.00812	0.00549	0.0001	0.01	0.00112	0.101	0.0000295	0.00235	0.00502	0.00605
2025 Jul	62.8	0.1	1.07	0.0103	9.27	0.0843	18.9	0.0000126	0.044	0.00171	0.0124	0.0292	0.0000179	12.7	0.00000888	0.000406	0.000145	0.00133	0.0166	0.0000158	7.31	0.00225	2.79	0.0232	0.000822	1.97	0.00421	0.00381	0.0000638	0.00462	0.000553	0.0605	0.0000185	0.00132	0.00259	0.00446
2025 Aug	69.3	0.123	1.37	0.0131	9.43	0.0941	22.8	0.0000147	0.0566	0.00211	0.0144	0.0335	0.0000199	14.7	0.0000106	0.000506	0.000156	0.00163	0.0217	0.0000194	9.01	0.00273	2.97	0.03	0.00104	2.17	0.00515	0.00399	0.0000741	0.00596	0.000706	0.0688	0.0000222	0.00169	0.00327	0.00524
2025 Sep	45.6	0.0858	0.94	0.00909	7.6	0.0748	13	0.0000112	0.0425	0.00103	0.0105	0.0214	0.000018	9.11	0.0000081	0.000349	0.000113	0.00125	0.0206	0.0000162	5.29	0.00194	1.94	0.0166	0.000792	1.34	0.00274	0.0027	0.0000613	0.0029	0.000392	0.0429	0.0000163	0.0012	0.00193	0.00453
2025 Oct	40.2	0.0745	0.812	0.0079	7.43	0.0713	10.3	0.0000102	0.0386	0.000727	0.00937	0.0182	0.0000175	7.69	0.00000834	0.000302	0.000114	0.00117	0.0192	0.0000152	4.25	0.00171	1.73	0.0126	0.000714	1.14	0.0021	0.00233	0.000231	0.00201	0.000299	0.0366	0.0000146	0.00105	0.00154	0.00455
2025 Nov	46	0.0836	0.925	0.00894	7.89	0.0765	12.8	0.000011	0.0428	0.000993	0.0103	0.021	0.0000179	9.05	0.00000954	0.000342	0.000128	0.00128	0.0193	0.0000161	5.18	0.0019	1.97	0.0159	0.000782	1.33	0.0027	0.00257	0.000334	0.00278	0.000378	0.0431	0.000016	0.00118	0.00188	0.00487
2025 Dec	45.9	0.0836	0.924	0.00893	7.88	0.0765	12.7	0.000011	0.0427	0.00099	0.0103	0.021	0.0000179	9.03	0.00000953	0.000342	0.000127	0.00128	0.0192	0.0000161	5.17	0.0019	1.97	0.0159	0.000781	1.32	0.00269	0.00257	0.000333	0.00277	0.000377	0.043	0.000016	0.00118	0.00187	0.00487
2026 Jan	45.9	0.0835	0.923	0.00892	7.87	0.0764	12.7	0.000011	0.0427	0.000988	0.0103	0.021	0.0000178	9.02	0.00000952	0.000342	0.000127	0.00128	0.0192	0.0000161	5.16	0.0019	1.96	0.0158	0.000781	1.32	0.00269	0.00257	0.000332	0.00277	0.000376	0.0429	0.000016	0.00118	0.00187	0.00487
2026 Feb	45.9	0.0835	0.923	0.00891	7.87	0.0764	12.7	0.000011	0.0427	0.000987	0.0103	0.0209	0.0000178	9.02	0.00000951	0.000341	0.000127	0.00128	0.0192	0.0000161	5.16	0.0019	1.96	0.0158	0.000781	1.32	0.00269	0.00257	0.000332	0.00276	0.000376	0.0429	0.000016	0.00117	0.00187	0.00486
2026 Mar	45.9	0.0835	0.923	0.00891	7.87	0.0764	12.7	0.000011	0.0427	0.000987	0.0103	0.0209	0.0000178	9.01	0.00000951	0.000341	0.000127	0.00128	0.0192	0.0000161	5.16	0.0019	1.96	0.0158	0.000781	1.32	0.00269	0.00257	0.000331	0.00276	0.000376	0.0429	0.000016	0.00117	0.00187	0.00486
2026 Apr	45.8	0.0834	0.922	0.00891	7.86	0.0764	12.7	0.000011	0.0426	0.000984	0.0103	0.0209	0.0000178	9	0.0000095	0.000341	0.000127	0.00128	0.0192	0.0000161	5.15	0.0019	1.96	0.0158	0.00078	1.32	0.00268	0.0026	0.000331	0.00276	0.000375	0.0428	0.000016	0.00117	0.00187	0.00486
2026 May	48.7	0.105	1.18	0.0113	8.91	0.0918	13.4	0.0000125	0.0545	0.000924	0.0113	0.0233	0.0000209	9.54	0.000011	0.000416	0.000139	0.00158	0.0225	0.0000211	5.79	0.00224	2.01	0.0175	0.00103	1.34	0.00283	0.00294	0.000321	0.00283	0.000416	0.0449	0.0000189	0.00152	0.0021	0.00596
2026 Jun	47	0.127	1.39	0.0132	11.2	0.114	10.1	0.0000133	0.0652	0.000266	0.011	0.0236	0.0000253	8.34	0.0000109	0.00046	0.000147	0.00187	0.0236	0.0000282	5.09	0.00242	1.9	0.0126	0.00133	1.13	0.00199	0.00351	0.0000881	0.00125	0.000312	0.039	0.0000207	0.00185	0.00179	0.0072
2026 Jul	35.7	0.0502	0.485	0.00492	7.96	0.0639	6.24	0.00000816	0.0242	0.000283	0.00737	0.0149	0.0000159	5.96	0.00000558	0.000195	0.00011	0.000828	0.0132	0.0000116	2.44	0.0012	1.7	0.005	0.000478	1.02	0.0012	0.00255	0.0000479	0.000467	0.000126	0.0292	0.0000108	0.000652	0.000797	0.00357
2026 Aug	33.9	0.055	0.567	0.00569	7.63	0.0657	6.18	0.00000875	0.029	0.000265	0.00781	0.0146	0.000017	5.78	0.00000613	0.000221	0.00011	0.00093	0.0169	0.0000131	2.58	0.00132	1.55	0.00612	0.000559	0.938	0.00121	0.00233	0.000052	0.000539	0.000143	0.0279	0.0000118	0.000764	0.000894	0.00394
2026 Sep	30.6	0.0597	0.63	0.00625	6.92	0.0645	5.94	0.00000885	0.0324	0.000231	0.00781	0.0135	0.0000172	5.35	0.00000638	0.000237	0.0000945	0.000991	0.019	0.0000142	2.61	0.00138	1.33	0.0066	0.000619	0.809	0.00106	0.00201	0.0000534	0.000591	0.000157	0.0255	0.0000122	0.000848	0.00095	0.00412
2026 Oct	33.9	0.0753	0.819	0.00796	7.81	0.0765	6.9	0.00000991	0.0414	0.000234	0.00856	0.0154	0.0000192	5.96	0.00000851	0.000292	0.000113	0.00124	0.0206	0.0000177	3.19	0.00163	1.42	0.00812	0.000794	0.847	0.00126	0.00215	0.000239	0.000761	0.000195	0.0284	0.0000143	0.0011	0.00116	0.00512
2026 Nov	33.7	0.0698	0.763	0.00745	7.75	0.0743	6.73	0.00000956	0.0392	0.000239	0.0083	0.0149	0.0000185	5.87	0.00000881	0.000275	0.000117	0.0012	0.0195	0.0000166	3.05	0.00156	1.43	0.00761	0.000741	0.847	0.00125	0.00205	0.00035	0.000718	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00504
2026 Dec	33.7	0.0698	0.762	0.00744	7.74	0.0743	6.72	0.00000956	0.0392	0.000239	0.0083	0.0149	0.0000185	5.87	0.0000088	0.000275	0.000117	0.0012	0.0194	0.0000166	3.04	0.00155	1.43	0.0076	0.00074	0.847	0.00124	0.00205	0.000348	0.000717	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00504
2027 Jan	33.6	0.0697	0.761	0.00743	7.74	0.0742	6.72	0.00000956	0.0392	0.000239	0.0083	0.0149	0.0000185	5.87	0.00000879	0.000275	0.000117	0.00119	0.0194	0.0000166	3.04	0.00155	1.43	0.00759	0.00074	0.847	0.00124	0.00205	0.000347	0.000717	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00504
2027 Feb	33.6	0.0696	0.76	0.00742	7.74	0.0742	6.72	0.00000956	0.0391	0.000239	0.0083	0.0149	0.0000185	5.87	0.00000879	0.000275	0.000117	0.00119	0.0194	0.0000166	3.04	0.00155	1.43	0.00759	0.00074	0.847	0.00124	0.00205	0.000347	0.000717	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00504
2027 Mar	33.6	0.0696	0.76	0.00742	7.73	0.0742	6.72	0.00000956	0.0391	0.000239	0.0083	0.0149	0.0000185	5.87	0.00000879	0.000275	0.000117	0.00119	0.0194	0.0000166	3.04	0.00155	1.43	0.00759	0.00074	0.847	0.00124	0.00205	0.000347	0.000717	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00504
2027 Apr	33.6	0.0694	0.757	0.0074	7.73	0.0742	6.72	0.00000956	0.0391	0.000239	0.0083	0.0149	0.0000185	5.86	0.00000878	0.000275	0.000117	0.00119	0.0194	0.0000166	3.04	0.00155	1.43	0.00759	0.00074	0.847	0.00124	0.0021	0.000346	0.000717	0.000183	0.0282	0.0000137	0.00102	0.00109	0.00503
2027 May	44.4	0.0537	0.585	0.00572	11.1	0.123	10.5	0.0000146	0.0776	0.000234	0.012	0.0238	0.000028	8.34	0.0000136	0.000527	0.000159	0.00218	0.0299	0.0000324	5.58	0.00273	1.71	0.0149	0.00154	1.01	0.00206	0.0032	0.000319	0.00145	0.000358	0.0385	0.0000233	0.00215	0.00203	0.00845
2027 Jun	50.4	0.00529	0.00245	0.000256	14.4	0.164	13.9	0.0000185	0.105	0.00025	0.0148	0.0322	0.0000352	10.7	0.0000163	0.00072	0.000191	0.0029	0.0354	0.0000445	7.66	0.00363	2.12	0.0202	0.00215	1.26	0.00278	0.00444	0.000125	0.002	0.000492	0.0487	0.0000307	0.00301	0.00276	0.0108
2027 Jul	58.7	0.00369	0.00185	0.000222	16.4	0.195	16.2	0.000022	0.131	0.000248	0.0173	0.0376	0.0000417	12.2	0.0000197	0.000883	0.000223	0.00355	0.044	0.0000546	9.26	0.00441	2.26	0.0252	0.00266	1.34	0.00331	0.00499	0.000151	0.00247	0.000605	0.0549	0.0000371	0.00373	0.00337	0.0131
2027 Aug	58.3	0.00152	0.00112	0.000192	16.8	0.206	16.9	0.0000234	0.143	0.000229	0.0184	0.0391	0.0000443	12.5	0.0000212	0.000955	0.000229	0.00383	0.0488	0.0000591	9.88	0.00474	2.18	0.0275	0.00289	1.29	0.00346	0.00501	0.000161	0.00267	0.000654	0.0558	0.0000398	0.00405	0.00364	0.0141
2027 Sep	41.7	0.00311	0.00142	0.000277	12.6	0.149	12.5	0.0000176	0.0995	0.000218	0.0141	0.0285	0.0000334	9.52	0.0000153	0.000673	0.000169	0.00271	0.0373	0.0000415	6.99	0.00342	1.77	0.0192	0.002	1.06	0.00244	0.00371	0.000118	0.00186	0.00046	0.0429	0.0000289	0.0028	0.00258	0.0102
2027 Oct	33.8	0.0036	0.00205	0.000334	10.6	0.118	10.1	0.0000142	0.0747	0.000227	0.0117	0.0228	0.0000272	8.02	0.0000129	0.000508	0.000149	0.00209	0.0297	0.0000312	5.36	0.00264	1.63	0.0144	0.00148	0.968	0.00194	0.00299	0.000265	0.00139	0.000346	0.037	0.0000226	0.00206	0.00196	0.00811
2027 Nov	48.2	0.00222	0.00162	0.000241	14.2	0.169	14.1	0.0000194	0.114	0.000228	0.0154	0.032	0.0000368	10.6	0.0000183	0.000763	0.000198	0.00311	0.0399	0.0000472	7.96	0.00384	1.96	0.0218	0.00229	1.15	0.00281	0.00409	0.000322	0.00213	0.000522	0.048	0.0000324	0.0032	0.00292	0.0117
2027 Dec	50.8	0.00208	0.0015	0.000224	14.9	0.179	14.8	0.0000204	0.121	0.000227	0.0161	0.0338	0.0000386	11.1	0.0000192	0.000812	0.000206	0.0033	0.0419	0.0000502	8.45	0.00406	2.01	0.0232	0.00244	1.18	0.00297	0.0043	0.000314	0.00227	0.000556	0.05	0.0000342	0.00342	0.0031	0.0123
2028 Jan	50.7	0.0021	0.00151	0.000224	14.9	0.178	14.8	0.0000203	0.121	0.000227	0.0161	0.0337	0.0000386	11.1	0.0000192	0.00081	0.000206	0.00329	0.0418	0.0000501	8.43	0.00406	2.01	0.0231	0.00244	1.18	0.00296	0.00429	0.000314	0.00227	0.000555	0.0499	0.0000342	0.00341	0.00309	0.0123
2028 Feb	50.7	0.00211	0.00151	0.000225	14.8	0.178	14.8	0.0000203	0.121	0.000227	0.0161	0.0337	0.0000385	11.1	0.0000191	0.00081	0.000206	0.00329	0.0418	0.0000501	8.42	0.00405	2.01	0.0231	0.00244	1.18	0.00296	0.00429	0.000313	0.00226	0.000555	0.0499	0.0000342	0.00341	0.00309	0.0123
2028 Mar	50.7	0.00211	0.00151	0.000225	14.8	0.178	14.8	0.0000203	0.121	0.000227	0.0161	0.0337	0.0000385	11.1	0.0000191	0.000809	0.000206	0.00329	0.0417	0.00005	8.42	0.00405	2.01	0.0231	0.00243	1.18	0.00296	0.00429	0.000313	0.00226	0.000554	0.0499	0.0000341	0.00341	0.00309	0.0123
2028 Apr	50.6	0.00213	0.00152	0.000226	14.8	0.178	14.8	0.0000203	0.121	0.000227	0.016	0.0336	0.0000385	11.1	0.0000191	0.000808	0.000205	0.00328	0.0417	0.0000499	8.41	0.00404	2.01	0.023	0.00243	1.18	0.00295	0.00433	0.000312	0.00226	0.000553	0.0498	0.0000341	0.0034	0.00308	0.0123
2028 May	50.1	0.00222	0.00153	0.00023	14.7	0.176	14.6	0.0000201	0.119	0.000227	0.0159	0.0333	0.0000381	11	0.0000189	0.000799	0.000204	0.00324	0.0412	0.0000494	8.31	0.004	2	0.0228	0.0024	1.18	0.00293	0.00434	0.000308	0.00223	0.000547	0.0494	0.0000337	0.00336	0.00305	0.0122
2028 Jun	53	0.00498	0.00227	0.000245	14.8	0.17	14.3	0.0000191	0.11	0.000248	0.0152	0.0332	0.0000363	11	0.0000169	0.00075	0.000196	0.00302	0.0368	0.0000463	7.95	0.00377	2.14	0.0211	0.00225	1.27	0.00287	0.00453	0.000136	0.00208	0.000512	0.0498	0.0000319	0.00314	0.00287	0.0112
2028 Jul	34.3	0.00773	0.00374	0.000432	9.64	0.0896	8.2	0.0000109	0.045	0.000277	0.00935	0.0193	0.000021	7.2	0.00000835	0.00033	0.000133	0.00136	0.0193	0.00002	3.77	0.00182	1.81	0.00895	0.000903	1.09	0.00161	0.00303	0.000068	0.000856	0.000219	0.0343	0.0000159	0.00125	0.0013	0.00544
2028 Aug	27.5	0.00546	0.00315	0.000447	8.57	0.0809	7.31	0.0000104	0.0417	0.000259	0.00899	0.0172	0.0000201	6.48	0.0000078	0.000302	0.000123	0.00125	0.0208	0.0000182	3.37	0.0017	1.6	0.00854	0.000816	0.966	0.00145	0.00259	0.0000641	0.000775	0.0002	0.0307	0.0000149	0.00113	0.0012	0.00506
2028 Sep	20.3	0.00511	0.0025	0.000436	7.08	0.0674	6.15	0.00000918	0.035	0.000229	0.00804	0.014	0.0000178	5.47	0.00000672	0.000253	0.0000968	0.00106	0.0199	0.0000152	2.77	0.00146	1.33	0.00711	0.000671	0.81	0.00111	0.00205	0.0000558	0.000639	0.000168	0.026	0.0000129	0.000922	0.00101	0.00434
2028 Oct	25.6	0.00446	0.00249	0.000397	8.45	0.0862	7.64	0.0000109	0.0492	0.000232	0.00929	0.0171	0.000021	6.43	0.00000945	0.000343	0.000121	0.00144	0.0228	0.0000208	3.7	0.00187	1.46	0.0096	0.000955	0.874	0.00142	0.00235	0.000229	0.000907	0.000231	0.0303	0.0000163	0.00132	0.00135	0.0058
2028 Nov	29.6	0.00357	0.00253	0.000373	9.46	0.0994	8.67	0.0000122	0.059	0.000236	0.0102	0.0194	0.0000233	7.13	0.0000113	0.000405	0.000139	0.0017	0.0249	0.0000247	4.35	0.00216	1.57	0.0114	0.00115	0.927	0.00166	0.00259	0.000339	0.00109	0.000273	0.0335	0.0000186	0.0016	0.00158	0.0068
2028 Dec	29.6	0.00359	0.00253	0.000374	9.45	0.0993	8.66	0.0000121	0.0588	0.000236	0.0102	0.0194	0.0000233	7.12	0.0000113	0.000404	0.000138	0.0017	0.0248	0.0000246	4.34	0.00216	1.57	0.0113	0.00115	0.926	0.00166	0.00259	0.000338	0.00109	0.000272	0.0334	0.0000186	0.0016	0.00157	0.00679
2029 Jan	29.5	0.00361	0.00254	0.000374	9.44	0.0992	8.65	0.0000121	0.0588	0.000236	0.0102	0.0194	0.0000233	7.11	0.0000113	0.000403	0.000138	0.0017	0.0248	0.0000246	4.33	0.00215	1.57	0.0113	0.00115	0.926	0.00166	0.00259	0.000337	0.00109	0.000272	0.0334	0.0000186	0.00159	0.00157	0.00678
2029 Feb	29.5	0.00361	0.00254	0.000374	9.43	0.0991	8.65	0.0000121	0.0587	0.000236	0.0102	0.0194	0.0000233	7.11	0.0000113	0.000403	0.000138	0.0017	0.0248	0.0000246	4.33	0.00215	1.57	0.0113	0.00115	0.925	0.00166	0.00259	0.000337	0.00109	0.000272	0.0334	0.0000186	0.00159	0.00157	0.00678
2029 Mar	29.5	0.00362	0.00254	0.000374	9.43	0.0991	8.64	0.0000121	0.0587	0.000236	0.0102	0.0194	0.0000233	7.11	0.0000113	0.000403	0.000138	0.0017	0.0248	0.0000246	4.33	0.00215	1.57	0.0113	0.00115	0.925	0.00166	0.00259	0.000337	0.00109	0.000272	0.0334	0.0000186	0.00159	0.00157	0.00677
2029 Apr	29.5	0.00363	0.00254	0.000374	9.42	0.099	8.64	0.0000121	0.0586	0.000236	0.0102	0.0194	0.0000233	7.1	0.0000112	0.000403	0.000138	0.00169	0.0248	0.0000246	4.33	0.00215	1.57	0.0113	0.00114	0.926	0.00166	0.00263	0.000336	0.00109	0.000272	0.0333	0.0000185	0.00159	0.00157	0.00677
2029 May	32.4	0.00348	0.00239	0.000354	10.2	0.11	9.5	0.0000133	0.0672	0.000235	0.011	0.0214	0.0000254	7.66	0.0000123	0.000459	0.000147	0.00191	0.027	0.0000281	4.89	0.00241	1.63	0.0129	0.00132	0.964	0.00184	0.00291	0.000326	0.00125	0.000311	0.0356	0.0000207	0.00184	0.00178	0.00752
2029 Jun	50.8	0.00502	0.00226	0.000249	14.6	0.168	14.2	0.000019	0.109	0.000247	0.0151	0.0329	0.000036	10.9	0.0000168	0.000742	0.000194	0.00299	0.0365	0.0000458	7.87	0.00374	2.13	0.0209	0.00222	1.26	0.00285	0.00448	0.000134	0.00206	0.000507	0.0494	0.0000316	0.00311	0.00284	0.0111
2029 Jul	46.6	0.00564	0.00278	0.000328	13.1	0.143	12.3	0.0000165	0.0886	0.000263	0.0134	0.0286	0.0000316	9.76	0.0000141	0.000611	0.000179	0.00247	0.032	0.0000376	6.55	0.00314	2.04	0.0172	0.0018	1.22	0.00248	0.00402	0.00011	0.00167	0.000415	0.0448	0.0000267	0.00251	0.00235	0.00935
2029 Aug	36.7	0.00408	0.00249	0.000372	11.1	0.12	10.3	0.0000145	0.0731	0.00025	0.0119	0.0239	0.0000277	8.35	0.000012	0.000505	0.000157	0.00205	0.0298	0.0000309	5.39	0.00265	1.78	0.0145	0.00146	1.06	0.00208	0.00333	0.0000944	0.00136	0.000341	0.0384	0.0000227	0.00203	0.00196	0.00788
2029 Sep	53.9	0.00235	0.00111	0.000203	15.6	0.191	15.8	0.0000218	0.131	0.00022	0.0172	0.0362	0.0000413	11.7	0.0000196	0.000882	0.000209	0.00354	0.0455	0.0000546	9.12	0.00439	2.05	0.0253	0.00266	1.22	0.00316	0.00464	0.00015	0.00246	0.000605	0.0522	0.0000369	0.00373	0.00336	0.0131
2029 Oct	58.6	0.00158	0.00124	0.000174	16.8	0.206	17	0.0000232	0.143	0.000227	0.0181	0.0388	0.0000439	12.5	0.000022	0.000951	0.000232	0.00385	0.0475	0.0000589	9.87	0.00472	2.19	0.0272	0.00288	1.28	0.00343	0.0049	0.000327	0.00268	0.000653	0.056	0.0000396	0.00404	0.00362	0.0143
2029 Nov	55.7	0.00144	0.00148	0.000196	16.1	0.195	16.1	0.0000219	0.133	0.000231	0.0173	0.0367	0.0000416	12	0.0000211	0.00089	0.000225	0.00362	0.0448	0.0000551	9.26	0.00443	2.13	0.0254	0.00269	1.25	0.00326	0.00463	0.000385	0.0025	0.00061	0.0538	0.0000373	0.00377	0.00339	0.0135
2029 Dec	57.7	0.00136	0.00138	0.000182	16.6	0.202	16.7	0.0000227	0.139	0.00023	0.0178	0.038	0.000043	12.3	0.0000218	0.000928	0.000231	0.00377	0.0464	0.0000575	9.64	0.00461	2.17	0.0265	0.00281	1.27	0.00338	0.0048	0.000372	0.00261	0.000637	0.0553	0.0000387	0.00394	0.00353	0.014
2030 Jan	57.6	0.00138	0.00138	0.000183	16.6	0.202	16.6	0.0000227	0.139	0.00023	0.0178	0.038	0.0000429	12.3	0.0000218	0.000926	0.00023	0.00376	0.0463	0.0000574	9.63	0.0046	2.17	0.0265	0.00281	1.27	0.00337	0.00479	0.000371	0.00261	0.000635	0.0552	0.0000386	0.00393	0.00353	0.014
2030 Feb	57.5	0.00139	0.00139	0.000183	16.6	0.202	16.6	0.0000227	0.139	0.00023	0.0178	0.0379	0.0000429	12.3	0.0000218	0.000926	0.00023	0.00375	0.0462	0.0000573	9.62	0.0046	2.17	0.0264	0.0028	1.27	0.00337	0.00479	0.00037	0.0026	0.000635	0.0552	0.0000386	0.00393	0.00352	0.014
2030 Mar	57.5	0.0014	0.00139	0.000183	16.6	0.202	16.6	0.0000226	0.139	0.00023	0.0178	0.0379	0.0000429	12.3	0.0000218	0.000925	0.00023	0.00375	0.0462	0.0000573	9.61	0.00459	2.17	0.0264	0.0028	1.27	0.00337	0.00479	0.00037	0.0026	0.000634	0.0551	0.0000386	0.00393	0.00352	0.014
2030 Apr	57.3	0.00143	0.0014	0.000185	16.5	0.201	16.6	0.0000226	0.138	0.00023	0.0177	0.0378	0.0000428	12.3	0.0000217	0.000921	0.000229	0.00374	0.046	0.000057	9.57	0.00458	2.17	0.0263	0.00279	1.27	0.00335	0.00486	0.000368	0.00259	0.000632	0.055	0.0000385	0.00391	0.00351	0.0139
2030 May	57.1	0.00152	0.00139	0.000188	16.4	0.2	16.5	0.0000225	0.138	0.000231	0.0177	0.0377	0.0000427	12.2	0.0000216	0.000918	0.000228	0.00372	0.0458	0.0000568	9.54	0.00456	2.17	0.0262	0.00278	1.27	0.00335	0.00496	0.00036	0.00258	0.000629	0.0548	0.0000383	0.00389	0.0035	0.0139
2030 Jun	50.4	0.00551	0.00251	0.000267	14	0.158	13.4	0.0000179	0.101	0.000251	0.0143	0.0312	0.000034	10.4	0.0000157	0.000689	0.000186	0.00278	0.034	0.0000425	7.34	0.00349	2.09	0.0193	0.00205	1.24	0.00269	0.00433	0.000123	0.0019	0.000469	0.0476	0.0000295	0.00287	0.00264	0.0104
2030 Jul	37.3	0.00723	0.00351	0.000404	10.5	0.103	9.21	0.0000123	0.0558	0.000274	0.0103	0.0216	0.0000236	7.83	0.00000978	0.000399	0.000144	0.00163	0.0224	0.0000243	4.46	0.00215	1.87	0.011	0.00112	1.12	0.00183	0.00328	0.0000784	0.00106	0.000267	0.0369	0.0000186	0.00156	0.00156	0.0064
2030 Aug	30.5	0.00513	0.00298	0.000425	9.39	0.093	8.26	0.0000116	0.0513	0.000258	0.00991	0.0193	0.0000224	7.08	0.00000909	0.000365	0.000134	0.0015	0.0235	0.0000221	4	0.00199	1.67	0.0104	0.00101	1	0.00165	0.00284	0.0000735	0.000956	0.000243	0.0332	0.0000173	0.00141	0.00143	0.00594
2030 Sep	21.3	0.00504	0.00243	0.000428	7.35	0.0715	6.47	0.0000096	0.0382	0.000228	0.00835	0.0147	0.0000186	5.67	0.00000715	0.000274	0.0001	0.00114	0.0208	0.0000165	2.98	0.00156	1.35	0.00771	0.000738	0.821	0.00117	0.00213	0.000059	0.0007	0.000183	0.0268	0.0000137	0.00102	0.00109	0.00464
2030 Oct	20.6	0.00485	0.00268	0.000429	7.22	0.0686	6.27	0.00000912	0.0355	0.000232	0.00799	0.0139	0.0000177	5.53	0.00000769	0.000253	0.000105	0.00109	0.0192	0.0000152	2.79	0.00145	1.36	0.00701	0.00067	0.814	0.00112	0.00196	0.000231	0.000648	0.000168	0.0266	0.0000128	0.000923	0.00101	0.00458
2030 Nov	20.9	0.00424	0.00288	0.00043	7.3	0.0683	6.25	0.00000897	0.0348	0.000238	0.00787	0.0138	0.0000174	5.55	0.00000818	0.000246	0.000111	0.00108	0.0184	0.0000148	2.74	0.00142	1.38	0.00677	0.000649	0.821	0.00114	0.00191	0.00034	0.000633	0.000163	0.0268	0.0000125	0.000892	0.000984	0.00463
2030 Dec	20.9	0.00426	0.00288	0.00043	7.29	0.0683	6.25	0.00000897	0.0348	0.000238	0.00787	0.0138	0.0000174	5.55	0.00000817	0.000246	0.000111	0.00108	0.0184	0.0000148	2.74	0.00142	1.38	0.00677	0.000648	0.821	0.00114	0.00191	0.000338	0.000633	0.000163	0.0268	0.0000125	0.000892	0.000984	0.00463
2031 Jan	20.9	0.00427	0.00288	0.00043	7.29	0.0683	6.25	0.00000897	0.0347	0.000238	0.00787	0.0138	0.0000174	5.55	0.00000816	0.000246	0.000111	0.00108	0.0183	0.0000148	2.74	0.00142	1.38	0.00677	0.000648	0.821	0.00114	0.00192	0.000338	0.000633	0.000163	0.0268	0.0000125	0.000892	0.000984	0.00463
2031 Feb	20.9	0.00428	0.00288	0.00043	7.29	0.0683	6.25	0.00000897	0.0347	0.000238	0.00787	0.0138	0.0000174	5.55	0.00000816	0.000246	0.000111	0.00108	0.0183	0.0000148	2.74	0.00142	1.38	0.00677	0.000648	0.821	0.00114	0.00192	0.000337	0.000633	0.000163	0.0268	0.0000125	0.000892	0.000984	0.00463
2031 Mar	20.9	0.00428	0.00288	0.000431	7.29	0.0683	6.25	0.00000897	0.0347	0.000238	0.00787	0.0138	0.0000174	5.55	0.00000816	0.000246	0.000111	0.00108	0.0183	0.0000148	2.74	0.00142	1.38	0.00677	0.000648	0.821	0.00114	0.00192	0.000337	0.000633	0.000163	0.0268	0.0000125	0.000892	0.000984	0.00463
2031 Apr	24.4	0.00406	0.00272	0.000407	8.17	0.0813	7.26	0.0000103	0.0448	0.000237	0.00885	0.0161	0.0000199	6.2	0.00000943	0.000313	0.000122	0.00134	0.0211	0.0000189	3.41	0.00173	1.46	0.00869	0.000859	0.865	0.00136	0.00228	0.00033	0.000824	0.000209	0.0295	0.0000151	0.00119	0.00123	0.00553
2031 May	57.2	0.00189	0.00122	0.000184	16.5	0.202	16.6	0.0000228	0.139	0.000226	0.0179	0.038	0.0000431	12.3	0.0000213	0.00093	0.000225	0.00375	0.0467	0.0000576	9.64	0.00462	2.15	0.0266	0.00282	1.27	0.00336	0.00492	0.000272	0.00261	0.000638	0.0549	0.0000388	0.00395	0.00354	0.0139
2031 Jun	33.1	0.0076	0.0034	0.000374	10.2	0.101	9.04	0.0000118	0.0543	0.000262	0.00992	0.0212	0.0000227	7.63	0.0000095	0.000389	0.000134	0.00159	0.0204	0.0000238	4.37	0.00209	1.82	0.0105	0.0011	1.09	0.00176	0.00321	0.0000792	0.00104	0.000261	0.036	0.000018	0.00153	0.00152	0.00622
2031 Jul	27.5	0.00871	0.00419	0.000479	7.88	0.0628	6.15	0.00000805	0.0233	0.000283	0.00728	0.0147	0.0000157	5.9	0.00000546	0.00019	0.000109	0.000806	0.0129	0.0000112	2.38	0.00117	1.69	0.00484	0.00046	1.02	0.00118	0.00252	0.0000471	0.00045	0.000122	0.0289	0.0000105	0.000627	0.000776	0.00349
2031 Aug	23.5	0.00616	0.00346	0.000478	7.53	0.0646	6.08	0.00000864	0.0284	0.000264	0.00774	0.0144	0.0000168	5.71	0.00000603	0.000216	0.000109	0.000911	0.0168	0.0000129	2.52	0.0013	1.54	0.00601	0.000544	0.929	0.00119	0.0023	0.0000513	0.000525	0.00014	0.0275	0.0000116	0.000743	0.000876	0.00387
2031 Sep	19.1	0.00539	0.00259	0.000445	6.76	0.0625	5.78	0.00000865	0.0309	0.000231	0.00766	0.0131	0.0000168	5.24	0.00000618	0.000227	0.0000925	0.000952	0.0187	0.0000136	2.51	0.00133	1.31	0.00633	0.000588	0.799	0.00103	0.00196	0.0000519	0.000563	0.00015	0.025	0.0000119	0.000804	0.000914	0.00398
2031 Oct	20.4	0.00498	0.00272	0.000432	7.14	0.0672	6.17	0.00000897	0.0343	0.000233	0.00788	0.0137	0.0000174	5.48	0.00000751	0.000246	0.000104	0.00106	0.0187	0.0000147	2.72	0.00142	1.36	0.00678	0.000646	0.813	0.0011	0.00194	0.000226	0.000625	0.000163	0.0263	0.0000125	0.000889	0.000982	0.00446
2031 Nov	24.9	0.00405	0.00272	0.000404	8.3	0.0827	7.37	0.0000104	0.0459	0.000237	0.00894	0.0164	0.0000201	6.28	0.00000956	0.000319	0.000123	0.00137	0.0214	0.0000194	3.49	0.00176	1.47	0.00889	0.000881	0.872	0.00138	0.00224	0.000329	0.000845	0.000214	0.0299	0.0000154	0.00122	0.00126	0.00562
2031 Dec	24.9	0.00407	0.00272	0.000404	8.29	0.0826	7.37	0.0000104	0.0458	0.000237	0.00894	0.0164	0.0000201	6.28	0.00000954	0.000319	0.000123	0.00136	0.0213	0.0000193	3.48	0.00176	1.47	0.00888	0.000879	0.871	0.00138	0.00224	0.000328	0.000843	0.000214	0.0299	0.0000153	0.00122	0.00126	0.00561
2032 Jan	24.9	0.00408	0.00272	0.000404	8.28	0.0825	7.36	0.0000104	0.0458	0.000237	0.00893	0.0164	0.0000201	6.27	0.00000953	0.000319	0.000123	0.00136	0.0213	0.0000193	3.48	0.00176	1.47	0.00887	0.000879	0.871	0.00138	0.00224	0.000327	0.000843	0.000214	0.0299	0.0000153	0.00122	0.00126	0.00561
2032 Feb	24.9	0.00409	0.00272	0.000404	8.28	0.0825	7.36	0.0000104	0.0458	0.000237	0.00893	0.0164	0.0000201	6.27	0.00000953	0.000319	0.000123	0.00136	0.0213	0.0000193	3.48	0.00176	1.47	0.00887	0.000878	0.871	0.00138	0.00224	0.000326	0.000842	0.000213	0.0298	0.0000153	0.00122	0.00126	0.0056
2032 Mar	24.9	0.00409	0.00273	0.000404	8.28	0.0825	7.36	0.0000104	0.0458	0.000237	0.00893	0.0164	0.0000201	6.27	0.00000953	0.000319	0.000123	0.00136	0.0213	0.0000193	3.48	0.00176	1.47	0.00887	0.000878	0.871	0.00138	0.00224	0.000326	0.000842	0.000213	0.0298	0.0000153	0.00122	0.00125	0.0056
2032 Apr	24.8	0.00411	0.00273	0.000405	8.27	0.0825	7.36	0.0000104	0.0457	0.000237	0.00893	0.0164	0.0000201	6.27	0.00000952	0.000319	0.000123	0.00136	0.0213	0.0000193	3.48	0.00176	1.47	0.00886	0.000878	0.872	0.00138	0.00232	0.000325	0.000842	0.000213	0.0298	0.0000153	0.00122	0.00125	0.0056
2032 May	46.1	0.00269	0.00175	0.000261	13.6	0.161	13.4	0.0000185	0.107	0.000231	0.0148	0.0306	0.0000352	10.2	0.0000172	0.000719	0.00019	0.00293	0.0379	0.0000444	7.52	0.00363	1.92	0.0205	0.00215	1.13	0.00268	0.00406	0.000289	0.002	0.000491	0.0463	0.0000307	0.003	0.00275	0.011
2032 Jun	39.9	0.0068	0.00309	0.00033	11.8	0.124	10.9	0.0000143	0.0732	0.000259	0.0117	0.0253	0.0000273	8.8	0.000012	0.000512	0.000156	0.00208	0.026	0.0000314	5.6	0.00266	1.94	0.0141	0.00149	1.16	0.00214	0.00369	0.0000954	0.00139	0.000347	0.0409	0.0000227	0.00208	0.00198	0.00792
2032 Jul	29.5	0.00841	0.00405	0.000464	8.39	0.0706	6.74	0.00000887	0.0297	0.000281	0.00788	0.016	0.0000173	6.27	0.0000063	0.000231	0.000116	0.000968	0.0148	0.0000138	2.78	0.00136	1.72	0.00604	0.00059	1.04	0.0013	0.00267	0.0000531	0.000569	0.00015	0.0304	0.0000121	0.00081	0.000929	0.00406
2032 Aug	25.6	0.00572	0.00327	0.000458	8.07	0.0733	6.74	0.00000957	0.0356	0.00026	0.00839	0.0159	0.0000186	6.11	0.00000698	0.000263	0.000116	0.0011	0.019	0.0000158	2.98	0.00151	1.56	0.00738	0.000693	0.944	0.00133	0.00245	0.0000581	0.000662	0.000172	0.0291	0.0000134	0.000953	0.00105	0.00452
2032 Sep	20.6	0.00513	0.00249	0.000432	7.16	0.0686	6.25	0.00000929	0.0359	0.000229	0.00812	0.0142	0.000018	5.53	0.00000683	0.000259	0.0000977	0.00108	0.0201	0.0000156	2.83	0.00148	1.33	0.00727	0.00069	0.814	0.00113	0.00208	0.0000567	0.000657	0.000172	0.0262	0.0000131	0.000949	0.00103	0.00442
2032 Oct	26.1	0.00438	0.00249	0.000393	8.6	0.0882	7.8	0.0000111	0.0507	0.000232	0.00943	0.0175	0.0000214	6.53	0.00000972	0.000352	0.000123	0.00148	0.0231	0.0000214	3.8	0.00192	1.48	0.00987	0.000985	0.882	0.00146	0.00238	0.000244	0.000936	0.000237	0.0308	0.0000166	0.00137	0.00138	0.00595
2032 Nov	45.8	0.0025	0.00177	0.000261	13.6	0.16	13.3	0.0000184	0.106	0.00023	0.0147	0.0303	0.0000349	10.2	0.0000172	0.000713	0.00019	0.00291	0.0377	0.000044	7.46	0.0036	1.91	0.0203	0.00213	1.12	0.00266	0.0039	0.00031	0.00198	0.000487	0.0461	0.0000304	0.00298	0.00273	0.011

Appendix C7: Whale Tail WRSPF Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2032 Dec	63.2	0.00138	0.000968	0.000142	18	0.223	18.3	0.000025	0.156	0.000224	0.0194	0.0419	0.0000472	13.4	0.0000235	0.00104	0.000244	0.00419	0.0514	0.0000645	10.8	0.00513	2.27	0.0298	0.00317	1.34	0.00371	0.0053	0.000274	0.00293	0.000715	0.0594	0.000043	0.00444	0.00395	0.0154
2033 Jan	64.8	0.00129	0.000898	0.000132	18.4	0.229	18.7	0.0000256	0.16	0.000223	0.0199	0.043	0.0000483	13.7	0.000024	0.00107	0.000249	0.0043	0.0526	0.0000663	11.1	0.00527	2.31	0.0306	0.00326	1.35	0.00381	0.00543	0.00027	0.00301	0.000735	0.0606	0.0000441	0.00457	0.00406	0.0158
2033 Feb	66.2	0.0012	0.000833	0.000122	18.7	0.234	19.1	0.0000261	0.165	0.000223	0.0203	0.0439	0.0000493	13.9	0.0000245	0.0011	0.000254	0.00441	0.0537	0.000068	11.3	0.0054	2.34	0.0314	0.00334	1.37	0.00389	0.00554	0.000267	0.00309	0.000754	0.0617	0.0000452	0.00469	0.00416	0.0162
2033 Mar	66.6	0.00118	0.000814	0.000119	18.8	0.236	19.3	0.0000263	0.166	0.000223	0.0204	0.0442	0.0000497	14	0.0000247	0.0011	0.000255	0.00444	0.054	0.0000685	11.4	0.00544	2.35	0.0317	0.00337	1.38	0.00392	0.00558	0.000266	0.00312	0.000759	0.0621	0.0000455	0.00473	0.00419	0.0163
2033 Apr	66.3	0.00122	0.000828	0.000122	18.7	0.235	19.2	0.0000262	0.165	0.000223	0.0203	0.044	0.0000494	13.9	0.0000246	0.0011	0.000254	0.00441	0.0537	0.0000681	11.3	0.00541	2.34	0.0315	0.00335	1.37	0.0039	0.00566	0.000264	0.0031	0.000755	0.0618	0.0000452	0.0047	0.00417	0.0162
2033 May	74.9	0.00069	0.000417	0.0000639	20.9	0.267	21.7	0.0000294	0.19	0.00022	0.0227	0.0498	0.0000556	15.5	0.0000277	0.00126	0.000281	0.00505	0.0605	0.0000783	13	0.00617	2.52	0.0362	0.00387	1.48	0.00443	0.00636	0.000244	0.00357	0.000868	0.0685	0.0000515	0.00543	0.00478	0.0184
2033 Jun	45.6	0.00587	0.00263	0.000285	13.3	0.148	12.6	0.0000168	0.0924	0.000252	0.0135	0.0294	0.000032	9.92	0.0000146	0.000636	0.000176	0.00257	0.0316	0.0000392	6.82	0.00324	2.04	0.0177	0.00188	1.21	0.00252	0.00411	0.000113	0.00175	0.000433	0.0454	0.0000275	0.00263	0.00244	0.00965
2033 Jul	63	0.00294	0.00149	0.000182	17.6	0.214	17.6	0.0000239	0.146	0.000241	0.0187	0.0408	0.0000453	13.1	0.0000217	0.000981	0.000238	0.00393	0.0483	0.0000607	10.2	0.00486	2.34	0.0281	0.00297	1.38	0.0036	0.00533	0.000165	0.00275	0.000672	0.0585	0.0000408	0.00417	0.00373	0.0145
2033 Aug	63.9	0.001	0.000805	0.000145	18.2	0.227	18.6	0.0000256	0.16	0.000224	0.0199	0.0428	0.0000483	13.6	0.0000234	0.00106	0.000246	0.00427	0.0533	0.000066	11	0.00525	2.29	0.0307	0.00324	1.35	0.0038	0.00544	0.000178	0.00299	0.000731	0.0601	0.000044	0.00455	0.00405	0.0156
2033 Sep	48.8	0.00265	0.00114	0.000227	14.4	0.174	14.5	0.0000201	0.119	0.000216	0.016	0.0331	0.0000382	10.8	0.000018	0.000802	0.000192	0.00322	0.0425	0.0000496	8.29	0.00402	1.92	0.0229	0.00241	1.14	0.00286	0.00425	0.000138	0.00223	0.00055	0.0483	0.0000338	0.00338	0.00306	0.012
2033 Oct	49.8	0.00234	0.0015	0.000229	14.6	0.175	14.6	0.00002	0.119	0.000226	0.0159	0.0331	0.000038	10.9	0.0000188	0.000795	0.000202	0.00323	0.0413	0.0000492	8.28	0.00399	1.98	0.0227	0.00239	1.17	0.0029	0.00422	0.000302	0.00222	0.000545	0.0492	0.0000336	0.00335	0.00304	0.0121
2033 Nov	57.4	0.00149	0.0013	0.000181	16.5	0.202	16.6	0.0000227	0.139	0.000228	0.0178	0.038	0.000043	12.3	0.0000217	0.000929	0.000229	0.00376	0.0465	0.0000575	9.64	0.00461	2.16	0.0265	0.00281	1.26	0.00336	0.00479	0.000342	0.00261	0.000637	0.0551	0.0000387	0.00394	0.00354	0.014
2033 Dec	64.4	0.00112	0.000959	0.000134	18.3	0.228	18.6	0.0000254	0.159	0.000225	0.0197	0.0426	0.000048	13.6	0.0000241	0.00106	0.00025	0.00427	0.0521	0.0000658	11	0.00523	2.3	0.0304	0.00323	1.35	0.00379	0.00537	0.000311	0.00299	0.000729	0.0604	0.0000438	0.00453	0.00403	0.0157
2034 Jan	67.8	0.00094	0.000794	0.000111	19.1	0.24	19.6	0.0000267	0.169	0.000223	0.0207	0.0449	0.0000504	14.2	0.0000253	0.00113	0.00026	0.00453	0.0548	0.0000698	11.6	0.00553	2.37	0.0323	0.00344	1.39	0.00399	0.00565	0.000297	0.00318	0.000774	0.063	0.0000463	0.00482	0.00427	0.0166
2034 Feb	69.1	0.00087	0.00073	0.000101	19.5	0.245	20	0.0000272	0.173	0.000223	0.0211	0.0458	0.0000514	14.5	0.0000258	0.00115	0.000264	0.00462	0.0559	0.0000714	11.9	0.00565	2.4	0.033	0.00352	1.41	0.00407	0.00576	0.000291	0.00325	0.000791	0.0641	0.0000473	0.00494	0.00437	0.017
2034 Mar	69.8	0.000837	0.000698	0.0000971	19.7	0.248	20.2	0.0000275	0.175	0.000222	0.0212	0.0463	0.0000519	14.6	0.000026	0.00116	0.000266	0.00467	0.0564	0.0000722	12	0.00571	2.42	0.0334	0.00356	1.42	0.00412	0.00581	0.000288	0.00329	0.0008	0.0646	0.0000477	0.00499	0.00441	0.0171
2034 Apr	69.4	0.000879	0.000712	0.0001	19.5	0.246	20.1	0.0000273	0.174	0.000223	0.0212	0.0461	0.0000516	14.5	0.0000259	0.00116	0.000265	0.00465	0.0561	0.0000718	11.9	0.00568	2.41	0.0332	0.00354	1.41	0.0041	0.0059	0.000286	0.00327	0.000796	0.0643	0.0000475	0.00496	0.00439	0.017
2034 May	71.9	0.000811	0.000578	0.0000844	20.2	0.256	20.8	0.0000283	0.181	0.000222	0.0219	0.0478	0.0000534	15	0.0000267	0.0012	0.000272	0.00483	0.058	0.0000748	12.4	0.0059	2.46	0.0346	0.00369	1.45	0.00425	0.00619	0.000268	0.00341	0.000829	0.0662	0.0000493	0.00518	0.00457	0.0177
2034 Jun	42.1	0.00632	0.00282	0.000309	12.5	0.135	11.7	0.0000155	0.0823	0.000254	0.0126	0.0272	0.0000295	9.31	0.0000132	0.000571	0.000165	0.00231	0.0286	0.0000351	6.17	0.00293	1.98	0.0158	0.00168	1.18	0.00232	0.00387	0.000103	0.00156	0.000387	0.0429	0.000025	0.00234	0.0022	0.00874
2034 Jul	57.5	0.00384	0.00192	0.000231	16.1	0.19	15.8	0.0000215	0.127	0.000249	0.017	0.0367	0.0000407	12	0.0000192	0.000857	0.000219	0.00345	0.0429	0.000053	8.99	0.00429	2.24	0.0244	0.00258	1.32	0.00323	0.00489	0.000147	0.00239	0.000586	0.0539	0.0000361	0.00361	0.00327	0.0128
2034 Aug	54.4	0.00183	0.00131	0.000222	15.8	0.191	15.8	0.0000219	0.131	0.000232	0.0173	0.0365	0.0000415	11.8	0.0000196	0.000879	0.000216	0.00353	0.0457	0.0000543	9.11	0.00439	2.1	0.0253	0.00265	1.25	0.00322	0.00471	0.00015	0.00245	0.000601	0.0527	0.0000369	0.00371	0.00335	0.0131
2034 Sep	44.7	0.00287	0.00132	0.000257	13.4	0.16	13.3	0.0000186	0.108	0.000218	0.0149	0.0304	0.0000354	10.1	0.0000164	0.000726	0.000179	0.00292	0.0394	0.0000448	7.53	0.00366	1.83	0.0208	0.00217	1.09	0.00262	0.00394	0.000126	0.00201	0.000497	0.0452	0.000031	0.00304	0.00278	0.0109
2034 Oct	50.5	0.00228	0.00146	0.000224	14.8	0.178	14.8	0.0000203	0.121	0.000226	0.0161	0.0336	0.0000385	11.1	0.000019	0.000809	0.000204	0.00328	0.0419	0.00005	8.41	0.00405	2	0.0231	0.00243	1.18	0.00295	0.00428	0.000295	0.00226	0.000554	0.0498	0.0000341	0.00341	0.00309	0.0123
2034 Nov	55.5	0.00159	0.00139	0.000194	16.1	0.195	16.1	0.000022	0.134	0.000228	0.0173	0.0367	0.0000417	11.9	0.000021	0.000893	0.000223	0.00362	0.045	0.0000553	9.28	0.00444	2.12	0.0255	0.0027	1.24	0.00325	0.00464	0.000347	0.00251	0.000612	0.0536	0.0000373	0.00378	0.0034	0.0135
2034 Dec	56.1	0.00158	0.00136	0.00019	16.2	0.197	16.3	0.0000222	0.135	0.000228	0.0174	0.0371	0.0000421	12.1	0.0000212	0.000904	0.000224	0.00366	0.0455	0.000056	9.39	0.00449	2.13	0.0258	0.00273	1.25	0.00328	0.00469	0.000343	0.00254	0.00062	0.054	0.0000378	0.00383	0.00344	0.0136
2035 Jan	56	0.0016	0.00137	0.000191	16.2	0.197	16.2	0.0000222	0.135	0.000228	0.0174	0.037	0.000042	12	0.0000211	0.000902	0.000224	0.00366	0.0454	0.0000558	9.37	0.00449	2.13	0.0258	0.00273	1.25	0.00328	0.00469	0.000342	0.00253	0.000619	0.054	0.0000377	0.00382	0.00344	0.0136
2035 Feb	55.9	0.00161	0.00137	0.000191	16.2	0.197	16.2	0.0000222	0.135	0.000228	0.0174	0.037	0.000042	12	0.0000211	0.000901	0.000224	0.00365	0.0454	0.0000558	9.36	0.00448	2.13	0.0257	0.00273	1.25	0.00327	0.00468	0.000341	0.00253	0.000618	0.0539	0.0000377	0.00382	0.00343	0.0136
2035 Mar	55.9	0.00162	0.00137	0.000191	16.1	0.197	16.2	0.0000222	0.135	0.000228	0.0174	0.037	0.000042	12	0.0000211	0.000901	0.000224	0.00365	0.0453	0.0000558	9.36	0.00448	2.13	0.0257	0.00272	1.25	0.00327	0.00468	0.000341	0.00253	0.000618	0.0539	0.0000377	0.00382	0.00343	0.0136
2035 Apr	55.6	0.00165	0.00138	0.000194	16.1	0.196	16.1	0.0000221	0.134	0.000228	0.0173	0.0368	0.0000418	12	0.000021	0.000896	0.000223	0.00363	0.0451	0.0000555	9.31	0.00446	2.12	0.0256	0.00271	1.24	0.00326	0.00478	0.000339	0.00252	0.000614	0.0537	0.0000375	0.0038	0.00341	0.0135
2035 May	57.3	0.00162	0.00129	0.000184	16.5	0.202	16.6	0.0000227	0.139	0.000228	0.0178	0.038	0.00043	12.3	0.0000216	0.000928	0.000228	0.00376	0.0464	0.0000575	9.63	0.00461	2.16	0.0265	0.00281	1.27	0.00336	0.00504	0.000325	0.00261	0.000637	0.0549	0.0000387	0.00394	0.00353	0.014
2035 Jun	57	0.00445	0.00202	0.000215	15.8	0.185	15.5	0.0000208	0.124	0.000245	0.0164	0.036	0.0000394	11.7	0.0000186	0.000833	0.00021	0.00335	0.0405	0.0000515	8.77	0.00416	2.21	0.0235	0.00251	1.31	0.00313	0.00484	0.000143	0.00232	0.00057	0.053	0.0000351	0.00351	0.00318	0.0124
2035 Jul	58.9	0.00355	0.00181	0.000223	16.5	0.196	16.3	0.0000222	0.133	0.000248	0.0175	0.0378	0.000042	12.3	0.0000199	0.00089	0.000225	0.00358	0.0445	0.0000551	9.32	0.00444	2.27	0.0254	0.00268	1.34	0.00333	0.00501	0.000152	0.00249	0.000609	0.0551	0.0000374	0.00376	0.0034	0.0132
2035 Aug	53.3	0.00205	0.00143	0.000236	15.5	0.187	15.4	0.0000214	0.128	0.000234	0.0169	0.0357	0.0000406	11.6	0.0000191	0.000853	0.000214	0.00343	0.0447	0.0000528	8.87	0.00427	2.09	0.0246	0.00257	1.24	0.00316	0.00463	0.000146	0.00238	0.000584	0.0518	0.000036	0.0036	0.00326	0.0127
2035 Sep	60.1	0.00197	0.0008	0.000156	17.2	0.214	17.6	0.0000242	0.151	0.000217	0.0189	0.0403	0.0000458	12.9	0.0000221	0.001	0.00023	0.00402	0.0505	0.0000621	10.3	0.00496	2.18	0.0287	0.00305	1.29	0.00354	0.00512	0.000168	0.00282	0.000689	0.0571	0.0000416	0.00427	0.00381	0.0147
2035 Oct	60.7	0.00157	0.00109	0.000158	17.4	0.214	17.6	0.0000241	0.15	0.000225	0.0188	0.0402	0.0000455	12.9	0.0000227	0.000993	0.000238	0.00401	0.0494	0.0000616	10.3	0.00491	2.22	0.0284	0.00302	1.3	0.00356	0.00507	0.000307	0.0028	0.000682	0.0576	0.0000412	0.00423	0.00378	0.0148
2035 Nov	70.2	0.000716	0.000719	0.0000954	19.8	0.249	20.3	0.0000276	0.177	0.000224	0.0213	0.0465	0.0000521	14.7	0.0000262	0.00117	0.000269	0.0047	0.0566	0.0000725	12.1	0.00574	2.43	0.0335	0.00357	1.42	0.00414	0.00583	0.000306	0.0033	0.000804	0.0649	0.000048	0.00502	0.00443	0.0172
2035 Dec	70.5	0.000724	0.000702	0.0000935	19.8	0.25	20.4	0.0000277	0.178	0.000223	0.0214	0.0467	0.0000523	14.7	0.0000263	0.00117	0.000269	0.00472	0.0568	0.0000729	12.1	0.00576	2.44	0.0337	0.00359	1.43	0.00416	0.00586	0.000302	0.00332	0.000808	0.0651	0.0000482	0.00504	0.00446	0.0173
2036 Jan	70.4	0.000746	0.00071	0.0000943	19.8	0.249	20.3	0.0000277	0.177	0.000223	0.0214	0.0466	0.0000522	14.7	0.0000262	0.00117	0.000269	0.00471	0.0567	0.0000727	12.1	0.00575	2.43	0.0336	0.00358	1.42	0.00415	0.00585	0.000302	0.00331	0.000806	0.065	0.0000481	0.00503	0.00445	0.0173
2036 Feb	70.3	0.000758	0.000714	0.0000948	19.8	0.249	20.3	0.0000277	0.177	0.000223	0.0214	0.0466	0.0000522	14.7	0.0000262	0.00117	0.000269	0.00471	0.0566	0.0000727	12.1	0.00575	2.43	0.0336	0.00358	1.42	0.00415	0.00585	0.000301	0.00331	0.000805	0.065	0.0000481	0.00503	0.00444	0.0172
2036 Mar	70.3	0.000765	0.000716	0.0000951	19.8	0.249	20.3	0.0000276	0.177	0.000223	0.0213	0.0466	0.0000521	14.7	0.0000262	0.00117	0.000268	0.0047	0.0566	0.0000726	12.1	0.00574	2.43	0.0336	0.00358	1.42	0.00414	0.00585	0.000301	0.00331	0.000805	0.065	0.000048	0.00502	0.00444	0.0172
2036 Apr	72	0.00069	0.000627	0.0000841	20.2	0.255	20.8	0.0000283	0.182	0.000223	0.0218	0.0477	0.0000533	15	0.0000268	0.0012	0.000273	0.00483	0.058	0.0000747	12.4	0.00589	2.47	0.0345	0.00368	1.44	0.00425	0.00607	0.00029	0.0034	0.000827	0.0662	0.0000493	0.00517	0.00456	0.0177
2036 May	77.1	0.000482	0.000347	0.0000497	21.5	0.275	22.3	0.0000303	0.198	0.000221	0.0233	0.0513	0.0000571	16	0.0000286	0.0013	0.000289	0.00521	0.0622	0.0000809	13.4	0.00636	2.58	0.0374	0.004	1.51	0.00457	0.00653	0.000257	0.00369	0.000897	0.0703	0.0000531	0.00561	0.00493	0.019
2036 Jun	41.4	0.0064	0.00285	0.000313	12.4	0.133	11.6	0.0000153	0.0818	0.000255	0.0124	0.0269	0.0000292	9.22	0.000013	0.000561	0.000163	0.00227	0.0282	0.0000345	6.08	0.00289	1.97	0.0155	0.00165	1.18	0.00229	0.00384	0.000102	0.00154	0.000381	0.0425	0.0000246	0.0023	0.00216	0.00861
2036 Jul	59.3	0.00358	0.0018	0.000218	16.6	0.197	16.4	0.0000222	0.134	0.000247	0.0175	0.038	0.0000421	12.3	0.00002	0.000894	0.000225	0.00359	0.0445	0.0000553	9.36	0.00446	2.27	0.0255	0.0027	1.34	0.00334	0.00502	0.000152	0.0025	0.000612	0.0553	0.0000375	0.00378	0.00341	0.0133
2036 Aug	60.1	0.00137	0.00102	0.000177	17.3	0.213	17.4	0.0000241	0.15	0.000228	0.0188	0.0402	0.0000455	12.9	0.0000219	0.000989	0.000234	0.00397	0.0501	0.0000612	10.2	0.0049	2.21	0.0285	0.003	1.31	0.00357	0.00514	0.000166	0.00277	0.000678	0.0571	0.0000411	0.0042	0.00376	0.0146
2036 Sep	58	0.002	0.000863	0.00017	16.7	0.207	17	0.0000235	0.146	0.000217	0.0184	0.039	0.0000444	12.5	0.0000214	0.000966	0.000223	0.00388	0.0491	0.0000599	9.97	0.00479	2.13	0.0277	0.00293	1.26	0.00342	0.00496	0.000162	0.00271	0.000664	0.0555	0.0000402	0.00411	0.00368	0.0142
2036 Oct	61.5	0.00134	0.00111	0.000154	17.6	0.217	17.8	0.0000243	0.153	0.000226	0.0189	0.0407	0.0000459	13.1	0.0000231	0.00101	0.000241	0.00406	0.0498	0.0000623	10.4	0.00497	2.25	0.0288	0.00306	1.32	0.00361	0.00513	0.000325	0.00283	0.000691	0.0583	0.0000417	0.00429	0.00383	0.015
2036 Nov	66.2	0.000853	0.00095	0.000124	18.8	0.234	19.1	0.000026	0.166	0.000226	0.0202	0.0438	0.0000491	13.9	0.0000248	0.00109	0.000257	0.0044	0.0532	0.0000676	11.3	0.00537	2.35	0.0312	0.00333	1.37	0.0039	0.00549	0.000336	0.00308	0.000749	0.0619	0.0000449	0.00467	0.00414	0.0162
2036 Dec	67.1	0.000834	0.000899	0.000118	19	0.237	19.4	0.0000264	0.169	0.000226	0.0204	0.0444	0.0000497	14.1	0.0000251	0.00111	0.000259	0.00446	0.054	0.0000687	11.5	0.00545	2.37	0.0318	0.00338	1.39	0.00395	0.00557	0.000328	0.00313	0.000762	0.0625	0.0000456	0.00475	0.00421	0.0164
2037 Jan	67	0.000856	0.000906	0.000118	18.9	0.237	19.3	0.0000263	0.168	0.000226	0.0204	0.0443	0.0000497	14.1	0.0000251	0.00111	0.000259	0.00446	0.0539	0.0000686	11.4	0.00544	2.37	0.0317	0.00337	1.38	0.00394	0.00557	0.000328	0.00312	0.00076	0.0624	0.0000455	0.00473	0.0042	0.0164
2037 Feb	66.9	0.000868	0.00091	0.000119	18.9	0.237	19.3	0.0000263	0.168	0.000226	0.0204	0.0443	0.0000496	14.1	0.0000251	0.0011	0.000259	0.00445	0.0538	0.0000685	11.4	0.00544	2.36	0.0317	0.00337	1.38	0.00394	0.00556	0.000327	0.00312	0.000759	0.0624	0.0000455	0.00473	0.00419	0.0164
2037 Mar	66.9	0.000875	0.000913	0.000119	18.9	0.236	19.3	0.0000263	0.168	0.000226	0.0204	0.0442	0.0000496	14	0.0000251	0.0011	0.000259	0.00445	0.0538	0.0000685	11.4	0.00543	2.36	0.0316	0.00337	1.38	0.00394	0.00556	0.000327	0.00312	0.000759	0.0624	0.0000454	0.00473	0.00419	0.0164
2037 Apr	66.5	0.000918	0.000926	0.000122	18.8	0.235	19.2	0.0000261	0.167	0.000226	0.0203	0.044	0.0000493	14	0.0000249	0.0011	0.000257	0.00442	0.0534	0.000068	11.3	0.0054	2.36	0.0314	0.00335	1.38	0.00392	0.00565	0.000325	0.0031	0.000754	0.062	0.0000452	0.00469	0.00417	0.0163
2037 May	77.1	0.000472	0.000363	0.0000512	21.5	0.275	22.3	0.0000302	0.199	0.000221	0.0233	0.0512	0.000057	16	0.0000286	0.0013	0.000289	0.00521	0.0621	0.0000808	13.4	0.00635	2.58	0.0373	0.00399	1.51	0.00457	0.0065	0.000261	0.00368	0.000896	0.0702	0.000053	0.0056	0.00493	0.019
2037 Jun	46.7	0.00561	0.00249	0.000274	13.8	0.155	13.2	0.0000175	0.0998	0.00025	0.0141	0.0306	0.0000333	10.2	0.0000153	0.000672	0.000182	0.00271	0.0332	0.0000414	7.17	0.00341	2.07	0.0188	0.002	1.23	0.00264	0.00423	0.000118	0.00186	0.000458	0.0467	0.0000289	0.0028	0.00258	0.0102
2037 Jul	62.8	0.00304	0.00154	0.000188	17.5	0.212	17.5	0.0000238	0.147	0.000243	0.0186	0.0406	0.000045	13	0.0000216	0.000973	0.000237	0.0039	0.048	0.0000602	10.1	0.00483	2.34	0.0278	0.00295	1.38	0.00358	0.00531	0.000164	0.00273	0.000667	0.0582	0.0000405	0.00413	0.0037	0.0144
2037 Aug	64.6	0.00104	0.000812	0.000144	18.4	0.23	18.8	0.0000258	0.164	0.000225	0.0201	0.0433	0.0000487	13.7	0.0000237	0.00108	0.000249	0.00431	0.0537	0.0000666	11.1	0.0053	2.31	0.031	0.00327	1.36	0.00384	0.00549	0.000179	0.00302	0.000738	0.0606	0.0000444	0.00459	0.00409	0.0158
2037 Sep	55.1	0.00242	0.000937	0.000187	15.9	0.197	16.2	0.0000224	0.139	0.000215	0.0176	0.0371	0.0000424	12	0.0000203	0.000914	0.000213	0.00367	0.0469	0.0000566	9.44	0.00454	2.06	0.0262	0.00277	1.22	0.00323	0.00473	0.000155	0.00256	0.000628	0.0532	0.0000382	0.00388	0.00348	0.0135
2037 Oct	55.2	0.00201	0.00128	0.000193	16	0.195	16.1	0.000022	0.136	0.000225	0.0173	0.0367	0.0000418	11.9	0.0000208	0.000896	0.00022	0.00362	0.0454	0.0000554	9.29	0.00446	2.1	0.0256	0.00271	1.24	0.00323	0.00465	0.000301	0.00251	0.000615	0.0535	0.0000375	0.0038	0.00341	0.0135
2037 Nov	64.2	0.00109	0.001	0.000137	18.3	0.227	18.6	0.0000253	0.161	0.000226	0.0197	0.0425	0.0000478	13.6	0.0000241	0.00106	0.00025	0.00426	0.0519	0.0000655	10.9	0.00521	2.31	0.0303	0.00322	1.35	0.00378	0.00535	0.000325	0.00298	0.000726	0.0604	0.0000436	0.00451	0.00401	0.0157
2037 Dec	66.6	0.000987	0.000882	0.000121	18.8	0.236	19.2	0.0000262	0.168	0.000225	0.0203	0.0441	0.0000495	14	0.0000249	0.0011	0.000257	0.00443	0.0537	0.0000683	11.4	0.00542	2.35	0.0315	0.00336	1.38	0.00392	0.00554	0.000312	0.00311	0.000757	0.0621	0.0000453	0.00471	0.00418	0.0163
2038 Jan	69.1	0.000859	0.000757	0.000103	19.5	0.245	20	0.0000272	0.176	0.000224	0.021	0.0458	0.0000513	14.5	0.0000258	0.00115	0.000265	0.00462	0.0558	0.0000713	11.9	0.00564	2.41	0.033	0.00351	1.41	0.00407	0.00575	0.0003	0.00325	0.00079	0.0641	0.0000472	0.00493	0.00436	0.0169
2038 Feb	70.2	0.000806	0.000705	0.0000962	19.8	0.249	20.3	0.0000276	0.179	0.000223	0.0213	0.0465	0.0000521	14.7	0.0000261	0.00117	0.000268	0.0047	0.0567	0.0000726	12.1	0.00574	2.43	0.0335	0.00358	1.42	0.00414	0.00584	0.000295	0.00331	0.000805	0.0649	0.000048	0.00502	0.00444	0.0172
2038 Mar	70.2	0.000811	0.000706	0.0000962	19.8	0.249	20.3	0.0000276	0.179	0.000223	0.0213	0.0465	0.0000521	14.7	0.0000261	0.00117	0.000268	0.0047	0.0567	0.0000726	12.1	0.00574	2.43	0.0336	0.00358	1.42	0.00414	0.00584	0.000295	0.00331	0.000805	0.0649	0.000048	0.00502	0.00444	0.0172
2038 Apr	69.7	0.000858	0.000722	0.0000996	19.6	0.247	20.2	0.0000274	0.178	0.000224	0.0212	0.0463	0.0000518	14.6	0.000026	0.00116	0.000266	0.00467	0.0563	0.0000721	12	0.0057	2.42	0.0333	0.00355	1.42	0.00411	0.00593	0.000292	0.00328	0.000799	0.0645	0.0000477	0.00498	0.00441	0.0171
2038 May	72.5	0.000749	0.000568	0.0000809	20.3	0.258	21	0.0000285	0.187	0.000222	0.022	0.0482	0.0000539	15.1	0.0000269	0.00122	0.000275	0.00488	0.0585	0.0000755	12.5	0.00596	2.48	0.0349	0.00372	1.45	0.00429	0.00625	0.000273	0.00344	0.000837	0.0667	0.0000498	0.00523	0.00461	0.0178
2038 Jun	44.3	0.00617	0.00278	0.000299	13	0.141	12.2	0.0000161	0.0892	0.000255	0.013	0.0283	0.0000307	9.63	0.0000139	0.000602	0.000171	0.00243	0.0301	0.0000371	6.49	0.00308	2.02	0.0167	0.00178	1.2	0.00242	0.00401	0.000108	0.00165	0.000409	0.0443	0.0000262	0.00248	0.00231	0.00918
2038 Jul	54.4	0.00439	0.00219	0.000263	15.2	0.176	14.7	0.00002	0.118	0.000254	0.0159	0.0343	0.0000379	11.3	0.0000176	0.000781	0.000207	0.00315	0.0396	0.0000482	8.24	0.00393	2.18	0.0222	0.00234	1.29	0.003	0.00463	0.000136	0.00217	0.000533	0.0511	0.0000332	0.00327	0.00299	0.0117
2038 Aug	57.2	0.00185	0.00126	0.000206	16.5	0.201	16.5	0.0000228	0.141	0.000233	0.0179	0.0381	0.0000432	12.3	0.0000205	0.000924	0.000224	0.00371	0.0474	0.0000571	9.58	0.0046	2.17	0.0266	0.00279	1.28	0.00337	0.00492	0.000157	0.00258	0.000633	0.0548	0.0000387	0.00391	0.00352	0.0137
2038 Sep	47.4	0.00282	0.00123	0.00024	14	0.169	14	0.0000196	0.118	0.000218	0.0156	0.0321	0.0000372	10.6	0.0000174	0.000774	0.000187	0.00311	0.0413	0.0000478	8.02	0.00389	1.89	0.0221	0.00232	1.13	0.00278	0.00414	0.000134	0.00215	0.00053	0.0473	0.0000328	0.00325	0.00296	0.0116
2038 Oct	55.3	0.00185	0.00132	0.000195	16	0.195	16.1	0.0000221	0.137	0.000226	0.0173	0.0367	0.0000418	11.9	0.0000208	0.000895	0.000221	0.00362	0.0454	0.0000554	9.29	0.00446	2.11	0.0256	0.00271	1.24	0.00324	0.00465	0.00031	0.00251	0.000614	0.0535	0.0000375	0.00379	0.00341	0.0135
2038 Nov	57.3	0.00136	0.00137	0.000184	16.5	0.201	16.6	0.0000226	0.142	0.00023	0.0177	0.0379	0.0000428	12.3	0.0000217	0.000924	0.00023	0.00375	0.0462	0.0000572	9.6	0.00459	2.17	0.0264	0.0028	1.27	0.00336	0.00478	0.000366	0.0026	0.000634	0.0551	0.0000386	0.00392	0.00352	0.0139
2038 Dec	57.8	0.00136	0.00134	0.000181	16.6	0.203	16.7	0.0000228	0.143	0.000229	0.0179	0.0382	0.0000432	12.4	0.0000218	0.000933	0.000231	0.00378	0.0466	0.0000578	9.69	0.00463	2.18	0.0267	0.00283	1.27	0.00339	0.00482	0.000362	0.00262	0.00064	0.0554	0.0000389	0.00396	0.00355	0.0141
2039 Jan	57.9	0.00137	0.00134	0.00018	16.7	0.204	16.8	0.0000229	0.144	0.000229	0.0179	0.0383	0.0000433	12.4	0.0000219	0.000936	0.000231	0.00379	0.0467	0.000058	9.72	0.00465	2.18	0.0268	0.00284	1.27	0.0034	0.00484	0.000359	0.00263	0.000642	0.0555	0.000039	0.00398	0.00356	0.0141
2039 Feb	59.5	0.00129	0.00126	0.000169	17.1	0.21	17.2	0.0000235	0.148	0.000229	0.0184	0.0394	0.0000444	12.7	0.0000224	0.000966	0.000236	0.00391	0.048	0.0000598	10	0.00479	2.21	0.0276	0.00293	1.29	0.00349	0.00496	0.000351	0.00272	0.000663	0.0567	0.0000402	0.00411	0.00368	0.0145
2039 Mar	59.8	0.00128	0.00125	0.000167	17.2	0.211	17.3	0.0000236	0.149	0.000229	0.0185	0.0396	0.0000447	12.8	0.0000225	0.000972	0.000237	0.00393	0.0483	0.0000602	10.1	0.00481	2.22	0.0278	0.00295	1.3	0.00351	0.00499	0.00035	0.00274	0.000667	0.057	0.0000404	0.00414	0.0037	0.0146
2039 Apr	59.8	0.00131	0.00124	0.000168	17.1	0.211	17.3	0.0000236	0.149	0.000229	0.0185	0.0396	0.0000447	12.7	0.0000225	0.000972	0.000237	0.00393	0.0482	0.0000602	10.1	0.00481	2.22	0.0278	0.00295	1.3	0.00351	0.00512	0.000346	0.00274	0.000667	0.0569	0.0000404	0.00414	0.0037	0.0146
2039 May	61.1	0.00137	0.00116	0.000161	17.5	0.216	17.7	0.0000242	0.154	0.000229	0.0189	0.0406	0.0000457	13	0.0000229	0.000999	0.00024	0.00403	0.0493	0.0000619	10.3	0.00494	2.25	0.0286	0.00303	1.32	0.0036	0.00536	0.000328	0.00281	0.000685	0.058	0.0000415	0.00425	0.0038	0.0149
2039 Jun	63.7	0.00336	0.00151	0.000165	17.7	0.215	17.8	0.0000239	0.151	0.000239	0.0187	0.041	0.0000452	13.2	0.0000218	0.000985	0.000235	0.00395	0.0475	0.000061	10.3	0.00488	2.35	0.028	0.00299	1.38	0.00361	0.00538	0.000168	0.00277	0.000676	0.0588	0.000041	0.00419	0.00375	0.0145
2039 Jul	61.9	0.00333	0.00166	0.0002	17.2	0.206	17.1	0.0000232	0.144	0.000245	0.0182	0.0396	0.0000439	12.8	0.0000209	0.000942	0.000232	0.00378	0.0465	0.0000583	9.84	0.00469	2.32	0.0269	0.00285	1.37	0.00349	0.00521	0.00016	0.00264	0.000645	0.0572	0.0000394	0.00399	0.00359	0.0139
2039 Aug	69.9	0.000629	0.000544	0.000102	19.8	0.25	20.3	0.0000278	0.182	0.000222	0.0215	0.0468	0.0000525	14.7	0.0000258	0.00118	0.000265	0.00471	0.0578	0.000073	12.1	0.00578	2.41	0.0339	0.0036	1.42	0.00415	0.0059	0.000194	0.00332	0.000809	0.0648	0.0000484	0.00505	0.00447	0.0172
2039 Sep	47.3	0.00284	0.00118	0.000236	14	0.17	14.1	0.0000197	0.119	0.000215	0.0156	0.0322	0.0000373	10.6	0.0000175	0.000777	0.000187	0.00313	0.0415	0.000048	8.05	0.0039	1.89	0.0222	0.00233	1.12	0.00278	0.00414	0.000134	0.00216	0.000533	0.0473	0.0000329	0.00327	0.00297	0.0116
2039 Oct	41.4	0.00297	0.00184	0.000284	12.5	0.145	12.2	0.0000169	0.0982	0.000227	0.0136	0.0277	0.0000323	9.4	0.0000158	0.000643	0.000176	0.00263	0.035	0.0000396	6.73	0.00327	1.81	0.0183	0.00191	1.06	0.0024	0.00356	0.00031	0.00178	0.000439	0.0429	0.0000278	0.00267	0.00247	0.01
2039 Nov	36.5	0.00276	0.00227	0.000321	11.3	0.126	10.7	0.0000148	0.082	0.000235	0.0121	0.0241	0.0000283	8.46	0.0000143	0.000538	0.000164	0.00224	0.0302	0.0000331	5.7	0.00278	1.72	0.0152	0.00158	1.01	0.0021	0.00311	0.000409	0.00148	0.000366	0.0391	0.0000237	0.0022	0.00208	0.00872
2039 Dec	36.4	0.00279	0.00227	0.000322	11.3	0.126	10.7	0.0000148	0.0818	0.000235	0.0121	0.024	0.0000283	8.44	0.0000143	0.000537	0.000164	0.00223	0.0301	0.000033	5.69	0.00278	1.72	0.0152	0.00157	1.01	0.00209	0.00311	0.000407	0.00148	0.000365	0.039	0.0000237	0.00219	0.00207	0.0087
2040 Jan	36.4	0.00281	0.00227	0.000322	11.3	0.126	10.7	0.0000148	0.0816	0.000235	0.0121	0.024	0.0000282	8.43	0.0000143	0.000536	0.000164	0.00223	0.0301	0.0000329	5.68	0.00277	1.72	0.0151	0.00157	1.01	0.00209	0.0031	0.000406	0.00148	0.000365	0.039	0.0000237	0.00219	0.00207	0.00869
2040 Feb	36.3	0.00281	0.00228	0.000322	11.3	0.125	10.7	0.0000148	0.0816	0.000235	0.0121	0.024	0.0000282	8.43	0.0000143	0.000536	0.000164	0.00223	0.0301	0.0000329	5.68	0.00277	1.72	0.0151	0.00157	1.01	0.00209	0.0031	0.000406	0.00148	0.000364	0.039	0.0000236	0.00219	0.00207	0.00868
2040 Mar	36.3	0.00282	0.00228	0.000322	11.3	0.125	10.7	0.0000148	0.0815	0.000235	0.0121	0.024	0.0000282	8.43	0.0000143	0.000536	0.000164	0.00223	0.0301	0.0000329	5.67	0.00277	1.72	0.0151	0.00157	1.01	0.00209	0.0031	0.000406	0.00148	0.000364	0.039	0.0000236	0.00219	0.00207	0.00868
2040 Apr	36.2	0.00285	0.00228	0.000324	11.2	0.125	10.7	0.0000147	0.0811	0.000235	0.012	0.0239	0.0000281	8.4	0.0000142	0.000533	0.000163	0.00222	0.0299	0.0000327	5.65	0.00276	1.72	0.015	0.00156	1.01	0.00208	0.00322	0.000402	0.00147	0.000362	0.0388	0.0000235	0.00217	0.00206	0.00864
2040 May	51	0.00203	0.00157	0.000225	14.9	0.179	14.9	0.0000204	0.125	0.00023	0.0161	0.0339	0.0000387	11.2	0.0000194	0.000813	0.000208	0.00331	0.0416	0.0000503	8.47	0.00407	2.03	0.0232	0.00244	1.19	0.00299	0.0045	0.000344	0.00227	0.000557	0.0502	0.0000343	0.00342	0.0031	0.0124
2040 Jun	48.6	0.0055	0.00249	0.000266	14.1	0.159	13.5	0.000018	0.105	0.000252	0.0144	0.0314	0.0000342	10.5	0.0000158	0.000696	0.000187	0.00281	0.0343	0.0000429	7.42	0.00352	2.1	0.0195	0.00207	1.25	0.00271	0.00435	0.000122	0.00193	0.000474	0.0479	0.0000298	0.0029	0.00266	0.0105
2040 Jul	65.3	0.00276	0.00141	0.000174	18.2	0.222	18.3	0.0000248	0.158	0.000243	0.0194	0.0422	0.0000469	13.5	0.0000226	0.00102	0.000246	0.0041	0.0502	0.0000633	10.6	0.00506	2.39	0.0292	0.0031	1.41	0.00374	0.0055	0.000171	0.00287	0.000701	0.0602	0.0000424	0.00435	0.00389	0.0151
2040 Aug	65.1	0.000988	0.000789	0.000142	18.5	0.232	18.9	0.000026	0.168	0.000226	0.0202	0.0436	0.0000491	13.8	0.0000238	0.00108	0.00025	0.00435	0.0541	0.0000673	11.2	0.00535	2.32	0.0312	0.00331	1.37	0.00387	0.00553	0.000181	0.00305	0.000745	0.0611	0.0000448	0.00463	0.00412	0.0159
2040 Sep	63.5	0.00187	0.000679	0.000135	18.1	0.227	18.6	0.0000255	0.165	0.000217	0.0198	0.0426	0.0000481	13.5	0.0000234	0.00106	0.000241	0.00427	0.053	0.0000661	11	0.00525	2.26	0.0305	0.00324	1.33	0.00374	0.00539	0.000177	0.003	0.000732	0.0598	0.0000439	0.00455	0.00404	0.0156
2040 Oct	53.7	0.002	0.00145	0.000207	15.6	0.189	15.6	0.0000214	0.133	0.000229	0.0168	0.0356	0.0000405	11.6	0.0000203	0.000861	0.000217	0.0035	0.0438	0.0000533	8.96	0.0043	2.08	0.0246	0.0026	1.22	0.00314	0.0045	0.000342	0.00242	0.000591	0.0523	0.0000361	0.00364	0.00328	0.0131
2040 Nov	45.7	0.00204	0.00198	0.000264	13.6	0.158	13.3	0.0000182	0.108	0.000236	0.0145	0.03	0.0000345	10.1	0.0000177	0.000701	0.000195	0.00289	0.0368	0.0000433	7.36	0.00355	1.93	0.0199	0.00209	1.13	0.00265	0.00381	0.000432	0.00196	0.000479	0.0462	0.00003	0.00293	0.00269	0.011
2040 Dec	45.5	0.00207	0.00198	0.000265	13.6	0.158	13.2	0.0000181	0.108	0.000236	0.0145	0.0299	0.0000344	10.1	0.0000176	0.000699	0.000195	0.00288	0.0367	0.0000432	7.34	0.00354	1.93	0.0199	0.00209	1.13	0.00264	0.00381	0.000431	0.00195	0.000478	0.0461	0.0000299	0.00292	0.00268	0.011
2041 Jan	45.4	0.00209	0.00199	0.000265	13.5	0.158	13.2	0.0000181	0.108	0.000235	0.0145	0.0299	0.0000343	10.1	0.0000176	0.000698	0.000194	0.00287	0.0366	0.0000431	7.33	0.00353	1.93	0.0198	0.00208	1.12	0.00264	0.0038	0.00043	0.00195	0.000477	0.046	0.0000299	0.00291	0.00267	0.0109
2041 Feb	45.4	0.0021	0.00199	0.000265	13.5	0.158	13.2	0.0000181	0.108	0.000235	0.0144	0.0299	0.0000343	10.1	0.0000176	0.000698	0.000194	0.00287	0.0366	0.0000431	7.32	0.00353	1.93	0.0198	0.00208	1.12	0.00264	0.0038	0.000429	0.00195	0.000476	0.046	0.0000298	0.00291	0.00267	0.0109
2041 Mar	45.4	0.00211	0.00199	0.000266	13.5	0.158	13.2	0.0000181	0.108	0.000235	0.0144	0.0298	0.0000343	10.1	0.0000176	0.000697	0.000194	0.00287	0.0366	0.000043	7.32	0.00353	1.93	0.0198	0.00208	1.12	0.00263	0.0038	0.000429	0.00194	0.000476	0.046	0.0000298	0.00291	0.00267	0.0109
2041 Apr	45.1	0.00215	0.002	0.000268	13.4	0.157	13.1	0.000018	0.107	0.000236	0.0144	0.0297	0.0000341	10	0.0000175	0.000692	0.000193	0.00285	0.0363	0.0000427	7.27	0.00351	1.92	0.0197	0.00206	1.12	0.00262	0.00394	0.000425	0.00193	0.000473	0.0457	0.0000297	0.00289	0.00265	0.0109
2041 May	57.7	0.00157	0.00133	0.000183	16.6	0.204	16.8	0.0000229	0.145	0.00023	0.0179	0.0383	0.0000433	12.4	0.0000218	0.000935	0.00023	0.00379	0.0465	0.0000579	9.71	0.00464	2.18	0.0267	0.00283	1.28	0.0034	0.00506	0.000349	0.00263	0.000641	0.0554	0.000039	0.00397	0.00356	0.0141
2041 Jun	49.2	0.00535	0.0024	0.000261	14.3	0.162	13.7	0.0000183	0.108	0.00025	0.0146	0.0319	0.0000348	10.6	0.0000161	0.00071	0.000189	0.00286	0.035	0.0000438	7.55	0.00359	2.11	0.0199	0.00212	1.25	0.00275	0.00438	0.000125	0.00197	0.000484	0.0483	0.0000303	0.00296	0.00272	0.0107
2041 Jul	63.5	0.00287	0.00149	0.000187	17.7	0.215	17.8	0.0000241	0.153	0.000243	0.0189	0.0411	0.0000457	13.2	0.0000219	0.000989	0.000241	0.00397	0.0489	0.0000613	10.3	0.00491	2.35	0.0283	0.003	1.39	0.00364	0.00536	0.000167	0.00277	0.000678	0.0589	0.0000412	0.0042	0.00376	0.0146
2041 Aug	66.2	0.000968	0.000758	0.000135	18.8	0.236	19.2	0.0000264	0.172	0.000226	0.0205	0.0443	0.0000499	14	0.0000243	0.0011	0.000254	0.00442	0.0549	0.0000685	11.4	0.00544	2.35	0.0318	0.00337	1.38	0.00394	0.00562	0.000184	0.00311	0.000759	0.0619	0.0000456	0.00472	0.0042	0.0162
2041 Sep	53.5	0.00252	0.000999	0.000199	15.6	0.191	15.8	0.0000219	0.138	0.000216	0.0172	0.0361	0.0000414	11.7	0.0000197	0.000886	0.000207	0.00356	0.0458	0.0000549	9.15	0.00441	2.03	0.0254	0.00268	1.2	0.00314	0.00461	0.00015	0.00248	0.000608	0.052	0.0000371	0.00375	0.00338	0.0131
2041 Oct	55.3	0.00182	0.00136	0.000196	16	0.195	16.1	0.000022	0.139	0.000228	0.0173	0.0367	0.0000416	11.9	0.0000209	0.000892	0.000221	0.00362	0.0451	0.0000552	9.27	0.00444	2.11	0.0255	0.0027	1.24	0.00323	0.00464	0.00033	0.0025	0.000612	0.0535	0.0000373	0.00378	0.0034	0.0135
2041 Nov	49.8	0.00173	0.00177	0.000235	14.7	0.174	14.5	0.0000198	0.122	0.000234	0.0157	0.0328	0.0000375	10.9	0.0000192	0.000781	0.000208	0.00319	0.0402	0.0000483	8.16	0.00392	2.02	0.0222	0.00234	1.18	0.00291	0.00416	0.000413	0.00219	0.000534	0.0494	0.0000331	0.00328	0.00298	0.0121
2041 Dec	49.7	0.00176	0.00177	0.000236	14.6	0.173	14.4	0.0000197	0.121	0.000234	0.0156	0.0327	0.0000374	10.9	0.0000191	0.000778	0.000207	0.00318	0.04	0.0000481	8.14	0.00391	2.01	0.0222	0.00234	1.18	0.0029	0.00415	0.000411	0.00218	0.000533	0.0493	0.000033	0.00327	0.00297	0.012
2042 Jan	49.6	0.00178	0.00178	0.000237	14.6	0.173	14.4	0.0000197	0.121	0.000234	0.0156	0.0327	0.0000373	10.9	0.0000191	0.000777	0.000207	0.00318	0.04	0.000048	8.12	0.0039	2.01	0.0221	0.00233	1.17	0.00289	0.00415	0.00041	0.00217	0.000532	0.0492	0.0000329	0.00327	0.00297	0.012
2042 Feb	49.6	0.00179	0.00178	0.000237	14.6	0.173	14.4	0.0000197	0.121	0.000234	0.0156	0.0326	0.0000373	10.9	0.0000191	0.000776	0.000207	0.00318	0.0399	0.000048	8.11	0.0039	2.01	0.0221	0.00233	1.17	0.00289	0.00414	0.00041	0.00217	0.000531	0.0492	0.0000329	0.00326	0.00297	0.012
2042 Mar	49.5	0.00179	0.00178	0.000237	14.6	0.173	14.4	0.0000196	0.121	0.000234	0.0156	0.0326	0.0000373	10.8	0.000019	0.000776	0.000207	0.00317	0.0399	0.000048	8.11	0.0039	2.01	0.0221	0.00233	1.17	0.00289	0.00414	0.00041	0.00217	0.000531	0.0491	0.0000329	0.00326	0.00297	0.012
2042 Apr	49.2	0.00184	0.00179	0.00024	14.5	0.172	14.3	0.0000195	0.12	0.000234	0.0155	0.0324	0.0000371	10.8	0.0000189	0.00077	0.000205	0.00315	0.0396	0.0000476	8.05	0.00387	2	0.0219	0.00231	1.17	0.00287	0.00428	0.000406	0.00215	0.000527	0.0489	0.0000327	0.00323	0.00294	0.0119
2042 May	61.3	0.00133	0.00115	0.000159	17.5	0.217	17.8	0.0000243	0.157	0.000229	0.0189	0.0407	0.0000458	13.1	0.0000231	0.001	0.000241	0.00405	0.0494	0.0000621	10.4	0.00496	2.26	0.0287	0.00305	1.32	0.00362	0.00534	0.000334	0.00282	0.000688	0.0582	0.0000416	0.00427	0.00381	0.015
2042 Jun	48.7	0.00531	0.00235	0.000261	14.3	0.162	13.8	0.0000184	0.109	0.000249	0.0147	0.0319	0.0000349	10.6	0.0000161	0.000712	0.000188	0.00287	0.0351	0.000044	7.57	0.0036	2.1	0.02	0.00213	1.25	0.00276	0.00437	0.000125	0.00197	0.000486	0.0483	0.0000304	0.00298	0.00273	0.0107
2042 Jul	68.1	0.00226	0.00117	0.000147	19	0.234	19.2	0.0000262	0.17	0.000239	0.0203	0.0445	0.0000494	14.1	0.000024	0.00109	0.000257	0.00436	0.0532	0.0000675	11.3	0.00537	2.44	0.0312	0.00332	1.44	0.00394	0.00573	0.000182	0.00306	0.000748	0.0627	0.000045	0.00465	0.00414	0.016
2042 Aug	71	0.000591	0.000519	0.0000982	20	0.253	20.6	0.0000283	0.188	0.000223	0.0218	0.0475	0.0000533	14.9	0.0000261	0.0012	0.000269	0.00479	0.0586	0.0000743	12.3	0.00587	2.44	0.0344	0.00366	1.44	0.00422	0.00598	0.000197	0.00338	0.000822	0.0657	0.0000491	0.00513	0.00454	0.0175
2042 Sep	57.3	0.00226	0.000872	0.000174	16.5	0.205	16.9	0.0000233	0.149	0.000216	0.0182	0.0386	0.000044	12.4	0.0000211	0.000955	0.00022	0.00383	0.0486	0.0000592	9.85	0.00474	2.11	0.0274	0.0029	1.25	0.00337	0.00491	0.000161	0.00268	0.000656	0.055	0.0000398	0.00406	0.00363	0.0141
2042 Oct	67.7	0.00134	0.00071	0.000113	19.1	0.24	19.6	0.0000268	0.177	0.000221	0.0207	0.0449	0.0000505	14.2	0.0000251	0.00113	0.000257	0.00452	0.0551	0.0000699	11.6	0.00554	2.36	0.0323	0.00344	1.39	0.00397	0.00565	0.000255	0.00318	0.000775	0.0629	0.0000464	0.00483	0.00428	0.0166
2042 Nov	67.5	0.00112	0.000803	0.000116	19	0.238	19.5	0.0000266	0.176	0.000224	0.0206	0.0446	0.0000501	14.1	0.000025	0.00112	0.000258	0.00449	0.0545	0.0000692	11.5	0.00549	2.36	0.032	0.0034	1.38	0.00395	0.0056	0.000288	0.00315	0.000767	0.0626	0.0000459	0.00478	0.00423	0.0165
2042 Dec	67.5	0.00113	0.000805	0.000117	19	0.238	19.4	0.0000265	0.175	0.000224	0.0205	0.0445	0.00005	14.1	0.000025	0.00111	0.000258	0.00448	0.0545	0.0000692	11.5	0.00548	2.36	0.0319	0.0034	1.38	0.00395	0.0056	0.000288	0.00315	0.000766	0.0626	0.0000459	0.00477	0.00423	0.0165
2043 Jan	67.5	0.00114	0.000807	0.000117	19	0.238	19.4	0.0000265	0.175	0.000224	0.0205	0.0445	0.00005	14.1	0.000025	0.00111	0.000258	0.00448	0.0544	0.0000691	11.5	0.00548	2.36	0.0319	0.0034	1.38	0.00395	0.0056	0.000288	0.00314	0.000766	0.0626	0.0000459	0.00477	0.00423	0.0164
2043 Feb	67.5	0.00114	0.000808	0.000117	19	0.238	19.4	0.0000265	0.175	0.000224	0.0205	0.0445	0.00005	14.1	0.000025	0.00111	0.000258	0.00448	0.0544	0.0000691	11.5	0.00548	2.36	0.0319	0.0034	1.38	0.00395	0.0056	0.000288	0.00314	0.000766	0.0626	0.0000459	0.00477	0.00423	0.0164
2043 Mar	67.5	0.00114	0.000809	0.000117	19	0.238	19.4	0.0000265	0.175	0.000224	0.0205	0.0445	0.00005	14.1	0.000025	0.00111	0.000258	0.00448	0.0544	0.0000691	11.5	0.00548	2.36	0.0319	0.0034	1.38	0.00395	0.0056	0.000288	0.00314	0.000766	0.0626	0.0000459	0.00477	0.00423	0.0164
2043 Apr	67.5	0.00118	0.000824	0.00012	19	0.238	19.4	0.0000265	0.175	0.000225	0.0205	0.0445	0.00005	14.1	0.000025	0.00111	0.000258	0.00448	0.0544	0.0000691	11.5	0.00548	2.37	0.0319	0.0034	1.39	0.00395	0.0057	0.000288	0.00314	0.000766	0.0626	0.0000459	0.00477	0.00423	0.0164
2043 May	69.7	0.00116	0.000789	0.000117	19.6	0.246	20.1	0.0000274	0.181	0.000229	0.0212	0.046	0.0000517	14.6	0.0000258	0.00115	0.000265	0.00463	0.0562	0.0000715	11.9	0.00567	2.43	0.033	0.00352	1.43	0.00409	0.00599	0.000286	0.00325	0.000792	0.0645	0.0000474	0.00494	0.00437	0.017
2043 Jun	70.6	0.00191	0.00091	0.000113	19.3	0.241	19.7	0.0000268	0.177	0.000228	0.0207	0.0454	0.0000505	14.4	0.0000248	0.00113	0.000258	0.00451	0.0542	0.0000699	11.7	0.00554	2.43	0.0322	0.00344	1.43	0.00402	0.00585	0.000216	0.00318	0.000774	0.0636	0.0000464	0.00482	0.00428	0.0165
2043 Jul	69.1	0.00269	0.00127	0.000151	18.7	0.23	18.9	0.0000256	0.167	0.00024	0.0199	0.0437	0.0000484	13.9	0.0000236	0.00106	0.00025	0.00427	0.0515	0.000066	11.1	0.00526	2.42	0.0304	0.00324	1.43	0.00385	0.00569	0.000202	0.00299	0.000731	0.062	0.0000441	0.00454	0.00405	0.0157
2043 Aug	71.8	0.00228	0.00112	0.000138	19.5	0.241	19.8	0.0000269	0.177	0.00024	0.0209	0.0457	0.0000507	14.5	0.0000248	0.00112	0.000261	0.0045	0.0544	0.0000696	11.6	0.00553	2.49	0.0321	0.00342	1.46	0.00404	0.0059	0.000207	0.00316	0.000771	0.0643	0.0000464	0.0048	0.00427	0.0165
2043 Sep	71.3	0.00205	0.00101	0.000131	19.4	0.241	19.7	0.0000268	0.177	0.000235	0.0208	0.0455	0.0000506	14.4	0.0000247	0.00112	0.000259	0.0045	0.0545	0.0000696	11.6	0.00553	2.45	0.0321	0.00342	1.44	0.00402	0.00585	0.000203	0.00316	0.000771	0.0639	0.0000463	0.0048	0.00426	0.0165
2043 Oct	70.4	0.00207	0.00103	0.000135	19.1	0.237	19.4	0.0000264	0.174	0.000234	0.0205	0.0448	0.0000499	14.2	0.0000244	0.0011	0.000256	0.00443	0.0537	0.0000685	11.4	0.00544	2.42	0.0316	0.00337	1.43	0.00396	0.00576	0.000209	0.00311	0.000759	0.063	0.0000456	0.00472	0.0042	0.0162

Appendix C7: Whale Tail WRSPF Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2043 Nov	70	0.00206	0.00105	0.000138	19	0.235	19.3	0.0000262	0.172	0.000234	0.0204	0.0444	0.0000495	14.1	0.0000242	0.0011	0.000254	0.00439	0.0533	0.0000679	11.3	0.0054	2.41	0.0313	0.00334	1.42	0.00393	0.00572	0.000213	0.00308	0.000752	0.0627	0.0000453	0.00468	0.00416	0.0161
2043 Dec	70.1	0.00205	0.00105	0.000137	19	0.236	19.3	0.0000263	0.173	0.000234	0.0204	0.0445	0.0000496	14.1	0.0000243	0.0011	0.000255	0.0044	0.0534	0.0000681	11.4	0.00541	2.42	0.0314	0.00334	1.42	0.00393	0.00572	0.000213	0.00309	0.000754	0.0627	0.0000453	0.00469	0.00417	0.0161
2044 Jan	70.2	0.00203	0.00104	0.000136	19	0.236	19.4	0.0000263	0.173	0.000234	0.0205	0.0446	0.0000498	14.2	0.0000243	0.0011	0.000255	0.00442	0.0536	0.0000683	11.4	0.00543	2.42	0.0315	0.00336	1.42	0.00395	0.00574	0.000213	0.0031	0.000756	0.0629	0.0000455	0.00471	0.00418	0.0162
2044 Feb	70.2	0.00203	0.00104	0.000136	19	0.236	19.4	0.0000263	0.173	0.000234	0.0205	0.0446	0.0000498	14.2	0.0000243	0.0011	0.000255	0.00442	0.0536	0.0000683	11.4	0.00543	2.42	0.0315	0.00336	1.42	0.00395	0.00574	0.000213	0.0031	0.000756	0.0629	0.0000455	0.00471	0.00418	0.0162
2044 Mar	70.2	0.00203	0.00103	0.000136	19.1	0.236	19.4	0.0000264	0.173	0.000234	0.0205	0.0447	0.0000498	14.2	0.0000244	0.0011	0.000255	0.00442	0.0536	0.0000683	11.4	0.00543	2.42	0.0315	0.00336	1.42	0.00395	0.00574	0.000213	0.0031	0.000757	0.0629	0.0000455	0.00471	0.00418	0.0162
2044 Apr	70.5	0.00204	0.00104	0.000136	19.1	0.237	19.5	0.0000264	0.174	0.000235	0.0205	0.0448	0.0000499	14.2	0.0000244	0.00111	0.000256	0.00443	0.0538	0.0000685	11.4	0.00545	2.43	0.0316	0.00337	1.43	0.00396	0.00577	0.000214	0.00311	0.000759	0.0631	0.0000456	0.00472	0.0042	0.0162
2044 May	71.9	0.002	0.00102	0.000134	19.5	0.242	19.9	0.000027	0.178	0.000237	0.021	0.0457	0.000051	14.5	0.000025	0.00113	0.000261	0.00453	0.0549	0.0000701	11.7	0.00557	2.47	0.0323	0.00345	1.45	0.00405	0.00591	0.000217	0.00318	0.000777	0.0643	0.0000467	0.00483	0.00429	0.0166
2044 Jun	69.6	0.00239	0.00115	0.000146	18.8	0.232	19.1	0.0000259	0.17	0.000237	0.0201	0.0439	0.0000489	14	0.0000238	0.00108	0.000251	0.00432	0.0523	0.0000668	11.2	0.00531	2.41	0.0308	0.00328	1.42	0.00388	0.0057	0.000203	0.00303	0.00074	0.0621	0.0000445	0.0046	0.00409	0.0158
2044 Jul	70.3	0.00268	0.00129	0.000158	18.9	0.232	19.1	0.0000259	0.169	0.000244	0.0202	0.0441	0.000049	14.1	0.0000238	0.00108	0.000253	0.00431	0.0523	0.0000667	11.2	0.00531	2.45	0.0307	0.00327	1.44	0.00389	0.00574	0.0002	0.00302	0.000738	0.0626	0.0000446	0.00459	0.00409	0.0158
2044 Aug	71.5	0.00264	0.00129	0.000163	19.2	0.236	19.5	0.0000264	0.172	0.000248	0.0206	0.0449	0.0000499	14.3	0.0000242	0.00109	0.000258	0.00439	0.0533	0.0000678	11.4	0.00541	2.49	0.0312	0.00333	1.47	0.00396	0.00583	0.000203	0.00308	0.000751	0.0637	0.0000453	0.00467	0.00416	0.0161
2044 Sep	69.9	0.00261	0.00128	0.000166	18.8	0.231	19	0.0000258	0.168	0.000244	0.0201	0.0438	0.0000488	14	0.0000237	0.00107	0.000252	0.00429	0.0523	0.0000662	11.1	0.00528	2.44	0.0305	0.00325	1.44	0.00386	0.00569	0.000197	0.003	0.000733	0.0623	0.0000443	0.00455	0.00406	0.0157
2044 Oct	69	0.0026	0.00129	0.000169	18.5	0.227	18.7	0.0000255	0.166	0.000243	0.0199	0.0432	0.0000481	13.8	0.0000234	0.00105	0.000249	0.00422	0.0516	0.0000652	10.9	0.0052	2.41	0.03	0.0032	1.42	0.0038	0.0056	0.000203	0.00295	0.000722	0.0615	0.0000437	0.00448	0.004	0.0155
2044 Nov	68.6	0.00259	0.00131	0.000171	18.4	0.226	18.6	0.0000253	0.164	0.000243	0.0197	0.0429	0.0000478	13.7	0.0000232	0.00104	0.000247	0.00419	0.0512	0.0000647	10.8	0.00517	2.4	0.0298	0.00317	1.41	0.00378	0.00556	0.000207	0.00293	0.000716	0.0611	0.0000433	0.00444	0.00397	0.0154
2044 Dec	68.6	0.00259	0.00131	0.000171	18.4	0.226	18.6	0.0000253	0.164	0.000243	0.0197	0.0429	0.0000478	13.7	0.0000232	0.00104	0.000247	0.00419	0.0512	0.0000647	10.8	0.00516	2.4	0.0298	0.00317	1.41	0.00378	0.00556	0.000207	0.00293	0.000716	0.0611	0.0000433	0.00444	0.00397	0.0154
2045 Jan	68.6	0.00259	0.00131	0.000171	18.4	0.226	18.6	0.0000253	0.164	0.000243	0.0197	0.0429	0.0000478	13.7	0.0000232	0.00104	0.000247	0.00419	0.0512	0.0000647	10.8	0.00516	2.4	0.0298	0.00317	1.41	0.00378	0.00556	0.000207	0.00293	0.000716	0.0611	0.0000433	0.00444	0.00397	0.0154
2045 Feb	68.6	0.00259	0.00131	0.000171	18.4	0.226	18.6	0.0000253	0.164	0.000243	0.0197	0.0429	0.0000478	13.7	0.0000232	0.00104	0.000247	0.00419	0.0512	0.0000647	10.8	0.00516	2.4	0.0298	0.00317	1.41	0.00378	0.00556	0.000207	0.00293	0.000716	0.0611	0.0000433	0.00444	0.00397	0.0154
2045 Mar	68.6	0.00259	0.00131	0.000171	18.4	0.226	18.6	0.0000253	0.164	0.000243	0.0197	0.0429	0.0000478	13.7	0.0000232	0.00104	0.000247	0.00419	0.0512	0.0000647	10.8	0.00517	2.4	0.0298	0.00317	1.41	0.00378	0.00556	0.000207	0.00293	0.000716	0.0611	0.0000433	0.00444	0.00397	0.0154
2045 Apr	68.9	0.0026	0.00131	0.000172	18.5	0.227	18.7	0.0000254	0.165	0.000244	0.0198	0.043	0.000048	13.8	0.0000233	0.00105	0.000248	0.0042	0.0514	0.0000649	10.9	0.00518	2.41	0.0299	0.00318	1.42	0.00379	0.0056	0.000208	0.00294	0.000718	0.0613	0.0000435	0.00446	0.00398	0.0155
2045 May	69.7	0.00265	0.00133	0.000175	18.7	0.229	18.9	0.0000257	0.167	0.000247	0.0201	0.0435	0.0000486	13.9	0.0000236	0.00106	0.000251	0.00425	0.052	0.0000657	11	0.00524	2.44	0.0303	0.00322	1.44	0.00384	0.00568	0.00021	0.00298	0.000727	0.0621	0.000044	0.00451	0.00403	0.0157
2045 Jun	70.7	0.00244	0.00118	0.00015	19	0.235	19.3	0.0000262	0.172	0.000241	0.0204	0.0445	0.0000495	14.2	0.0000241	0.00109	0.000255	0.00437	0.053	0.0000676	11.3	0.00538	2.45	0.0311	0.00332	1.44	0.00393	0.00577	0.000204	0.00307	0.000749	0.063	0.0000451	0.00465	0.00414	0.016
2045 Jul	73.6	0.00237	0.00114	0.00014	19.9	0.246	20.2	0.0000274	0.181	0.000245	0.0212	0.0465	0.0000517	14.8	0.0000252	0.00114	0.000265	0.00459	0.0554	0.0000709	11.9	0.00564	2.53	0.0327	0.00349	1.49	0.00411	0.00601	0.000206	0.00322	0.000786	0.0655	0.0000472	0.00489	0.00435	0.0168
2045 Aug	74.6	0.00234	0.00115	0.000145	20.1	0.249	20.4	0.0000278	0.184	0.000249	0.0216	0.0471	0.0000524	15	0.0000256	0.00116	0.000269	0.00465	0.0563	0.0000719	12	0.00571	2.57	0.0331	0.00353	1.51	0.00417	0.00609	0.000208	0.00326	0.000796	0.0664	0.0000479	0.00495	0.0044	0.017
2045 Sep	72.6	0.00237	0.00116	0.000153	19.5	0.242	19.8	0.000027	0.178	0.000246	0.021	0.0457	0.0000509	14.5	0.0000248	0.00112	0.000262	0.0045	0.0548	0.0000696	11.6	0.00554	2.5	0.0321	0.00342	1.48	0.00404	0.00591	0.000201	0.00316	0.000771	0.0646	0.0000464	0.00479	0.00427	0.0165
2045 Oct	71.5	0.0024	0.0012	0.000158	19.2	0.237	19.5	0.0000265	0.174	0.000245	0.0206	0.0449	0.00005	14.3	0.0000244	0.0011	0.000258	0.00441	0.0538	0.0000682	11.4	0.00543	2.47	0.0315	0.00335	1.46	0.00396	0.0058	0.000207	0.00309	0.000756	0.0636	0.0000456	0.00469	0.00418	0.0162
2045 Nov	71	0.0024	0.00122	0.000161	19.1	0.235	19.3	0.0000263	0.173	0.000245	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000256	0.00438	0.0534	0.0000676	11.3	0.00539	2.46	0.0312	0.00332	1.45	0.00393	0.00576	0.000211	0.00307	0.000749	0.0632	0.0000452	0.00465	0.00415	0.0161
2045 Dec	71	0.0024	0.00122	0.000161	19.1	0.235	19.3	0.0000263	0.173	0.000245	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000256	0.00438	0.0534	0.0000676	11.3	0.00539	2.46	0.0312	0.00332	1.45	0.00393	0.00576	0.000211	0.00307	0.000749	0.0632	0.0000452	0.00465	0.00415	0.0161
2046 Jan	71	0.0024	0.00122	0.000161	19.1	0.235	19.3	0.0000263	0.173	0.000245	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000256	0.00438	0.0534	0.0000676	11.3	0.00539	2.46	0.0312	0.00332	1.45	0.00393	0.00576	0.000211	0.00307	0.000749	0.0632	0.0000452	0.00465	0.00415	0.0161
2046 Feb	71	0.0024	0.00122	0.000161	19.1	0.235	19.3	0.0000263	0.173	0.000245	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000256	0.00438	0.0534	0.0000676	11.3	0.00539	2.46	0.0312	0.00332	1.45	0.00393	0.00576	0.000211	0.00307	0.000749	0.0632	0.0000452	0.00465	0.00415	0.0161
2046 Mar	71.1	0.0024	0.00122	0.000161	19.1	0.235	19.3	0.0000263	0.173	0.000245	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000256	0.00438	0.0534	0.0000676	11.3	0.00539	2.46	0.0312	0.00332	1.45	0.00393	0.00576	0.000211	0.00307	0.000749	0.0632	0.0000452	0.00465	0.00415	0.0161
2046 Apr	71.2	0.00241	0.00122	0.000162	19.1	0.236	19.4	0.0000264	0.173	0.000245	0.0205	0.0447	0.0000498	14.2	0.0000243	0.00109	0.000257	0.00439	0.0536	0.0000678	11.3	0.0054	2.47	0.0313	0.00333	1.45	0.00394	0.00579	0.000212	0.00308	0.000751	0.0634	0.0000453	0.00466	0.00416	0.0161
2046 May	72.4	0.00241	0.00122	0.000162	19.4	0.24	19.7	0.0000268	0.176	0.000248	0.0209	0.0454	0.0000506	14.5	0.0000247	0.00111	0.000261	0.00447	0.0544	0.000069	11.5	0.0055	2.5	0.0318	0.00338	1.47	0.00401	0.0059	0.000215	0.00313	0.000764	0.0644	0.0000461	0.00475	0.00423	0.0164
2046 Jun	71.8	0.00239	0.00116	0.000147	19.3	0.239	19.6	0.0000266	0.176	0.000242	0.0207	0.0452	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00445	0.0539	0.0000688	11.5	0.00547	2.48	0.0317	0.00338	1.46	0.00399	0.00585	0.000205	0.00312	0.000762	0.0639	0.0000459	0.00474	0.00422	0.0163
2046 Jul	73.2	0.00253	0.00122	0.00015	19.7	0.243	20	0.0000271	0.179	0.000247	0.021	0.046	0.0000511	14.6	0.0000249	0.00113	0.000263	0.00452	0.0547	0.0000699	11.7	0.00556	2.53	0.0322	0.00343	1.49	0.00406	0.00596	0.000204	0.00317	0.000774	0.065	0.0000466	0.00481	0.00428	0.0166
2046 Aug	74.3	0.00246	0.00121	0.000152	20	0.247	20.3	0.0000275	0.183	0.000251	0.0214	0.0468	0.000052	14.9	0.0000253	0.00115	0.000268	0.0046	0.0558	0.0000712	11.9	0.00566	2.56	0.0328	0.0035	1.51	0.00413	0.00605	0.000206	0.00323	0.000789	0.0661	0.0000475	0.0049	0.00436	0.0169
2046 Sep	73	0.00236	0.00116	0.000152	19.6	0.243	19.9	0.0000271	0.18	0.000246	0.0211	0.046	0.0000512	14.6	0.0000249	0.00113	0.000263	0.00452	0.0551	0.00007	11.7	0.00557	2.51	0.0323	0.00344	1.48	0.00406	0.00593	0.000202	0.00317	0.000775	0.0649	0.0000467	0.00482	0.00429	0.0166
2046 Oct	72.3	0.0023	0.00115	0.000151	19.5	0.241	19.8	0.0000269	0.178	0.000244	0.0209	0.0455	0.0000508	14.5	0.0000247	0.00112	0.000261	0.00449	0.0546	0.0000694	11.6	0.00552	2.49	0.032	0.00341	1.47	0.00402	0.00587	0.000208	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2046 Nov	72	0.00228	0.00116	0.000153	19.4	0.239	19.7	0.0000267	0.177	0.000244	0.0208	0.0453	0.0000505	14.4	0.0000246	0.00111	0.00026	0.00446	0.0543	0.0000689	11.5	0.00549	2.48	0.0318	0.00339	1.46	0.004	0.00584	0.000213	0.00313	0.000764	0.064	0.000046	0.00475	0.00423	0.0164
2046 Dec	72.2	0.00225	0.00114	0.000151	19.4	0.24	19.7	0.0000268	0.178	0.000244	0.0209	0.0454	0.0000506	14.4	0.0000247	0.00112	0.00026	0.00448	0.0545	0.0000692	11.6	0.00551	2.48	0.0319	0.0034	1.46	0.00401	0.00585	0.000213	0.00314	0.000767	0.0642	0.0000462	0.00477	0.00424	0.0164
2047 Jan	72.2	0.00225	0.00114	0.000151	19.4	0.24	19.7	0.0000268	0.178	0.000244	0.0209	0.0454	0.0000506	14.4	0.0000247	0.00112	0.00026	0.00448	0.0545	0.0000692	11.6	0.00551	2.48	0.0319	0.0034	1.46	0.00401	0.00585	0.000213	0.00314	0.000767	0.0642	0.0000462	0.00477	0.00424	0.0164
2047 Feb	72.2	0.00225	0.00115	0.000151	19.4	0.24	19.7	0.0000268	0.178	0.000244	0.0209	0.0454	0.0000506	14.4	0.0000247	0.00112	0.00026	0.00448	0.0545	0.0000692	11.6	0.00551	2.48	0.0319	0.0034	1.46	0.00401	0.00585	0.000213	0.00314	0.000767	0.0642	0.0000462	0.00477	0.00424	0.0164
2047 Mar	72.2	0.00225	0.00115	0.000151	19.4	0.24	19.7	0.0000268	0.178	0.000244	0.0209	0.0454	0.0000506	14.5	0.0000247	0.00112	0.00026	0.00448	0.0545	0.0000692	11.6	0.00551	2.48	0.0319	0.0034	1.46	0.00401	0.00585	0.000213	0.00314	0.000767	0.0642	0.0000462	0.00477	0.00424	0.0164
2047 Apr	72.4	0.00227	0.00115	0.000152	19.5	0.241	19.8	0.0000269	0.179	0.000244	0.0209	0.0455	0.0000508	14.5	0.0000248	0.00112	0.000261	0.00449	0.0547	0.0000694	11.6	0.00552	2.49	0.032	0.00341	1.47	0.00402	0.00588	0.000213	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2047 May	73.8	0.00221	0.00112	0.000148	19.9	0.246	20.2	0.0000275	0.183	0.000247	0.0214	0.0465	0.0000519	14.8	0.0000253	0.00115	0.000266	0.0046	0.0559	0.0000711	11.9	0.00565	2.53	0.0328	0.00349	1.49	0.00411	0.00602	0.000217	0.00323	0.000787	0.0656	0.0000474	0.0049	0.00435	0.0169
2047 Jun	71.8	0.00241	0.00116	0.000148	19.3	0.239	19.6	0.0000266	0.177	0.000242	0.0207	0.0452	0.0000502	14.4	0.0000245	0.00111	0.000258	0.00444	0.0538	0.0000687	11.5	0.00547	2.47	0.0317	0.00337	1.46	0.00399	0.00585	0.000204	0.00312	0.000761	0.0638	0.0000458	0.00473	0.00421	0.0163
2047 Jul	72	0.00278	0.00133	0.000164	19.3	0.237	19.5	0.0000264	0.175	0.00025	0.0206	0.0449	0.0000499	14.3	0.0000242	0.00109	0.000258	0.00439	0.0533	0.0000678	11.4	0.00541	2.5	0.0312	0.00333	1.48	0.00396	0.00585	0.0002	0.00308	0.000751	0.0639	0.0000454	0.00467	0.00416	0.0161
2047 Aug	73.1	0.00273	0.00134	0.000168	19.6	0.241	19.8	0.0000269	0.178	0.000254	0.0209	0.0457	0.0000508	14.6	0.0000246	0.00111	0.000262	0.00446	0.0543	0.000069	11.6	0.0055	2.54	0.0318	0.00338	1.5	0.00403	0.00593	0.000203	0.00313	0.000764	0.0648	0.0000461	0.00474	0.00423	0.0164
2047 Sep	71	0.00276	0.00135	0.000176	19	0.233	19.2	0.0000261	0.172	0.000251	0.0204	0.0442	0.0000493	14.2	0.0000238	0.00108	0.000254	0.00432	0.0528	0.0000667	11.2	0.00533	2.48	0.0307	0.00327	1.46	0.0039	0.00575	0.000196	0.00302	0.000738	0.063	0.0000447	0.00458	0.00409	0.0159
2047 Oct	70	0.00279	0.00138	0.000181	18.7	0.229	18.9	0.0000256	0.168	0.000249	0.02	0.0434	0.0000485	13.9	0.0000235	0.00105	0.000251	0.00424	0.0519	0.0000653	11	0.00523	2.44	0.0301	0.0032	1.44	0.00383	0.00565	0.000201	0.00296	0.000724	0.0621	0.0000438	0.00449	0.00401	0.0156
2047 Nov	69.7	0.00277	0.00139	0.000182	18.6	0.227	18.8	0.0000255	0.167	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0516	0.000065	10.9	0.0052	2.43	0.0299	0.00318	1.44	0.00381	0.00562	0.000206	0.00294	0.00072	0.0618	0.0000436	0.00446	0.00399	0.0155
2047 Dec	69.7	0.00276	0.00139	0.000182	18.6	0.228	18.8	0.0000255	0.168	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0516	0.000065	10.9	0.0052	2.44	0.03	0.00318	1.44	0.00381	0.00562	0.000206	0.00295	0.00072	0.0618	0.0000436	0.00446	0.00399	0.0155
2048 Jan	69.7	0.00276	0.00139	0.000182	18.6	0.228	18.8	0.0000255	0.168	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.44	0.03	0.00319	1.44	0.00381	0.00562	0.000206	0.00295	0.00072	0.0618	0.0000436	0.00447	0.00399	0.0155
2048 Feb	69.7	0.00276	0.00139	0.000182	18.6	0.228	18.8	0.0000255	0.168	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.44	0.03	0.00319	1.44	0.00381	0.00562	0.000206	0.00295	0.00072	0.0618	0.0000436	0.00447	0.00399	0.0155
2048 Mar	69.7	0.00276	0.00139	0.000182	18.6	0.228	18.8	0.0000255	0.168	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00422	0.0517	0.000065	10.9	0.0052	2.44	0.03	0.00319	1.44	0.00381	0.00562	0.000206	0.00295	0.00072	0.0618	0.0000436	0.00447	0.00399	0.0155
2048 Apr	70	0.00276	0.00138	0.000181	18.7	0.229	18.9	0.0000257	0.169	0.00025	0.02	0.0435	0.0000485	13.9	0.0000235	0.00106	0.000251	0.00424	0.0519	0.0000654	11	0.00523	2.45	0.0301	0.0032	1.44	0.00383	0.00566	0.000206	0.00296	0.000724	0.0621	0.0000439	0.00449	0.00402	0.0156
2048 May	71	0.00279	0.0014	0.000183	19	0.232	19.1	0.000026	0.171	0.000253	0.0203	0.0441	0.0000492	14.1	0.0000238	0.00107	0.000255	0.0043	0.0527	0.0000663	11.1	0.0053	2.48	0.0306	0.00325	1.46	0.00388	0.00576	0.000209	0.00301	0.000735	0.063	0.0000445	0.00456	0.00407	0.0158
2048 Jun	72.1	0.00243	0.00118	0.000149	19.4	0.239	19.7	0.0000267	0.179	0.000243	0.0208	0.0453	0.0000504	14.4	0.0000245	0.00111	0.000259	0.00446	0.054	0.0000689	11.5	0.00548	2.48	0.0318	0.00338	1.46	0.004	0.00586	0.000204	0.00313	0.000763	0.064	0.0000459	0.00475	0.00422	0.0163
2048 Jul	74	0.00242	0.00116	0.000143	19.9	0.247	20.2	0.0000275	0.185	0.000247	0.0213	0.0467	0.0000519	14.8	0.0000253	0.00115	0.000267	0.0046	0.0556	0.0000711	11.9	0.00565	2.54	0.0328	0.0035	1.5	0.00412	0.00603	0.000204	0.00323	0.000788	0.0658	0.0000473	0.0049	0.00436	0.0168
2048 Aug	75	0.00236	0.00116	0.000147	20.2	0.25	20.5	0.0000279	0.187	0.00025	0.0216	0.0473	0.0000526	15	0.0000256	0.00116	0.00027	0.00466	0.0565	0.0000721	12.1	0.00574	2.58	0.0333	0.00354	1.52	0.00418	0.00611	0.000207	0.00328	0.000799	0.0667	0.000048	0.00497	0.00442	0.0171
2048 Sep	72.7	0.00241	0.00118	0.000156	19.6	0.241	19.8	0.000027	0.181	0.000247	0.021	0.0457	0.000051	14.5	0.0000247	0.00112	0.000262	0.0045	0.0548	0.0000695	11.6	0.00554	2.51	0.0321	0.00341	1.48	0.00403	0.0059	0.000199	0.00315	0.00077	0.0646	0.0000464	0.00479	0.00426	0.0165
2048 Oct	72.3	0.00231	0.00115	0.000152	19.5	0.24	19.7	0.0000269	0.18	0.000244	0.0209	0.0455	0.0000507	14.5	0.0000247	0.00112	0.000261	0.00448	0.0546	0.0000693	11.6	0.00552	2.49	0.032	0.0034	1.47	0.00402	0.00586	0.000206	0.00314	0.000768	0.0643	0.0000462	0.00477	0.00425	0.0164
2048 Nov	72.8	0.00216	0.00109	0.000144	19.6	0.243	19.9	0.0000271	0.183	0.000243	0.0211	0.0459	0.0000512	14.6	0.000025	0.00113	0.000263	0.00454	0.0552	0.0000701	11.7	0.00558	2.49	0.0324	0.00345	1.47	0.00406	0.0059	0.000212	0.00319	0.000777	0.0648	0.0000467	0.00483	0.0043	0.0166
2048 Dec	72.8	0.00215	0.00109	0.000144	19.6	0.243	19.9	0.0000271	0.183	0.000242	0.0211	0.046	0.0000513	14.6	0.000025	0.00113	0.000263	0.00454	0.0552	0.0000702	11.7	0.00558	2.5	0.0324	0.00345	1.47	0.00406	0.00591	0.000212	0.00319	0.000778	0.0648	0.0000468	0.00484	0.0043	0.0166
2049 Jan	73	0.00213	0.00108	0.000142	19.7	0.244	20	0.0000272	0.183	0.000242	0.0211	0.0461	0.0000514	14.6	0.0000251	0.00114	0.000264	0.00456	0.0554	0.0000704	11.8	0.0056	2.5	0.0325	0.00346	1.47	0.00407	0.00592	0.000212	0.0032	0.000781	0.0649	0.0000469	0.00486	0.00432	0.0167
2049 Feb	73	0.00213	0.00108	0.000142	19.7	0.244	20	0.0000272	0.183	0.000242	0.0211	0.0461	0.0000514	14.6	0.0000251	0.00114	0.000264	0.00456	0.0554	0.0000704	11.8	0.0056	2.5	0.0325	0.00346	1.47	0.00407	0.00592	0.000212	0.0032	0.000781	0.0649	0.0000469	0.00486	0.00432	0.0167
2049 Mar	73	0.00213	0.00108	0.000142	19.7	0.244	20	0.0000272	0.183	0.000242	0.0211	0.0461	0.0000514	14.6	0.0000251	0.00114	0.000264	0.00456	0.0554	0.0000705	11.8	0.0056	2.5	0.0325	0.00346	1.47	0.00407	0.00592	0.000212	0.0032	0.000781	0.0649	0.0000469	0.00486	0.00432	0.0167
2049 Apr	73.2	0.00214	0.00108	0.000143	19.7	0.245	20.1	0.0000273	0.184	0.000243	0.0212	0.0462	0.0000515	14.7	0.0000252	0.00114	0.000264	0.00457	0.0555	0.0000706	11.8	0.00562	2.51	0.0326	0.00347	1.48	0.00408	0.00595	0.000213	0.00321	0.000783	0.0651	0.000047	0.00487	0.00433	0.0167
2049 May	74.2	0.00216	0.00109	0.000145	20	0.248	20.3	0.0000276	0.186	0.000246	0.0215	0.0468	0.0000522	14.9	0.0000255	0.00115	0.000268	0.00463	0.0563	0.0000716	12	0.00569	2.54	0.033	0.00352	1.5	0.00414	0.00606	0.000215	0.00325	0.000793	0.066	0.0000477	0.00494	0.00439	0.017
2049 Jun	74.1	0.00204	0.000982	0.000125	20	0.249	20.4	0.0000277	0.189	0.000239	0.0215	0.0471	0.0000523	14.9	0.0000256	0.00116	0.000268	0.00467	0.0563	0.0000722	12.1	0.00573	2.52	0.0333	0.00355	1.49	0.00416	0.00606	0.000208	0.00328	0.0008	0.066	0.000048	0.00499	0.00442	0.0171
2049 Jul	75.9	0.00213	0.00102	0.000125	20.5	0.255	20.9	0.0000283	0.194	0.000244	0.022	0.0482	0.0000535	15.2	0.0000262	0.00119	0.000274	0.00478	0.0575	0.000074	12.4	0.00587	2.59	0.0341	0.00364	1.52	0.00427	0.0062	0.000209	0.00336	0.00082	0.0676	0.0000491	0.00511	0.00453	0.0175
2049 Aug	76.7	0.00208	0.00102	0.000129	20.7	0.258	21.1	0.0000287	0.196	0.000248	0.0222	0.0487	0.0000541	15.4	0.0000265	0.00121	0.000277	0.00483	0.0583	0.0000747	12.5	0.00593	2.61	0.0345	0.00368	1.54	0.00431	0.00626	0.00021	0.0034	0.000828	0.0683	0.0000496	0.00516	0.00458	0.0177
2049 Sep	75	0.00203	0.000998	0.000132	20.3	0.252	20.6	0.0000281	0.191	0.000243	0.0218	0.0476	0.000053	15.1	0.0000259	0.00118	0.000271	0.00472	0.0572	0.000073	12.2	0.0058	2.55	0.0337	0.00359	1.5	0.00421	0.00611	0.000205	0.00332	0.000809	0.0667	0.0000485	0.00504	0.00447	0.0173
2049 Oct	73.9	0.00204	0.00102	0.000136	20	0.248	20.3	0.0000276	0.188	0.000242	0.0215	0.0468	0.0000522	14.8	0.0000255	0.00116	0.000267	0.00464	0.0563	0.0000718	12	0.0057	2.52	0.0331	0.00353	1.49	0.00414	0.00601	0.00021	0.00326	0.000795	0.0658	0.0000477	0.00495	0.0044	0.017
2049 Nov	73.5	0.00204	0.00104	0.000139	19.8	0.246	20.2	0.0000274	0.186	0.000242	0.0213	0.0465	0.0000518	14.7	0.0000254	0.00115	0.000266	0.0046	0.0559	0.0000712	11.9	0.00566	2.51	0.0329	0.0035	1.48	0.00411	0.00597	0.000215	0.00323	0.000789	0.0654	0.0000474	0.00491	0.00436	0.0169
2049 Dec	73.5	0.00204	0.00104	0.000139	19.8	0.246	20.2	0.0000274	0.186	0.000242	0.0213	0.0465	0.0000518	14.7	0.0000254	0.00115	0.000266	0.0046	0.0559	0.0000712	11.9	0.00566	2.51	0.0329	0.0035	1.48	0.00411	0.00596	0.000215	0.00323	0.000789	0.0654	0.0000474	0.00491	0.00436	0.0169
2050 Jan	73.5	0.00204	0.00104	0.000139	19.8	0.246	20.2	0.0000274	0.186	0.000242	0.0213	0.0465	0.0000518	14.7	0.0000254	0.00115	0.000266	0.0046	0.0559	0.0000712	11.9	0.00566	2.51	0.0329	0.0035	1.48	0.00411	0.00596	0.000215	0.00323	0.000789	0.0654	0.0000474	0.00491	0.00436	0.0169
2050 Feb	73.5	0.00204	0.00104	0.000139	19.8	0.246	20.2	0.0000274	0.186	0.000242	0.0213	0.0465	0.0000518	14.7	0.0000254	0.00115	0.000266	0.0046	0.0559	0.0000712	11.9	0.00566	2.51	0.0329	0.0035	1.48	0.00411	0.00596	0.000215	0.00323	0.000789	0.0654	0.0000474	0.00491	0.00436	0.0169
2050 Mar	73.5	0.00204	0.00104	0.000139	19.8	0.246	20.2	0.0000274	0.186	0.000242	0.0213	0.0465	0.0000518	14.7	0.0000254	0.00115	0.000266	0.0046	0.0559	0.0000712	11.9	0.00566	2.51	0.0329	0.0035	1.48	0.00411	0.00597	0.000215	0.00323	0.000789	0.0654	0.0000474	0.00491	0.00436	0.0169
2050 Apr	73.7	0.00204	0.00104	0.000139	19.9	0.247	20.3	0.0000275	0.187	0.000243	0.0214	0.0467	0.000052	14.8	0.0000255	0.00115	0.000267	0.00462	0.0561	0.0000714	11.9	0.00568	2.52	0.033	0.00351	1.48	0.00413	0.006	0.000215	0.00325	0.000792	0.0656	0.0000476	0.00493	0.00438	0.0169
2050 May	74.7	0.00207	0.00106	0.000141	20.1	0.25	20.5	0.0000279	0.19	0.000246	0.0217	0.0473	0.0000527	15	0.0000258	0.00117	0.00027	0.00468	0.0568	0.0000724	12.1	0.00575	2.55	0.0334	0.00356	1.5	0.00418	0.0061	0.000218	0.00329	0.000802	0.0665	0.0000482	0.00499	0.00443	0.0171
2050 Jun	72.5	0.00231	0.00112	0.000143	19.5	0.242	19.8	0.0000269	0.183	0.000242	0.0209	0.0457	0.0000509	14.5	0.0000248	0.00112	0.000261	0.00451	0.0546	0.0000697	11.7	0.00554	2.49	0.0321	0.00343	1.47	0.00404	0.00591	0.000205	0.00317	0.000773	0.0645	0.0000465	0.00481	0.00427	0.0165
2050 Jul	72.9	0.00263	0.00127	0.000157	19.6	0.241	19.8	0.0000269	0.181	0.000249	0.0209	0.0457	0.0000508	14.6	0.0000247	0.00112	0.000262	0.00448	0.0543	0.0000692	11.6	0.00552	2.52	0.0319	0.0034	1.49	0.00403	0.00593	0.000202	0.00314	0.000767	0.0647	0.0000462	0.00477	0.00425	0.0164
2050 Aug	74.2	0.00256	0.00125	0.000159	19.9	0.246	20.2	0.0000274	0.185	0.000253	0.0213	0.0466	0.0000518	14.8	0.0000252	0.00114	0.000267	0.00457	0.0555	0.0000706	11.8	0.00563	2.56	0.0326	0.00347	1.51	0.00411	0.00603	0.000205	0.00321	0.000783	0.0659	0.0000472	0.00486	0.00433	0.0168
2050 Sep	72.5	0.0025	0.00123	0.000161	19.5	0.24	19.7	0.0000268	0.181	0.000248	0.0209	0.0455	0.0000507	14.5	0.0000246	0.00111	0.00026	0.00446	0.0544	0.000069	11.5	0.0055	2.5	0.0318	0.00339	1.48	0.00401	0.00589	0.000199	0.00313	0.000764	0.0644	0.0000461	0.00475	0.00423	0.0164
2050 Oct	71.4	0.00253	0.00125	0.000166	19.1	0.236	19.4	0.0000264	0.177	0.000247	0.0205	0.0447	0.0000498	14.3	0.0000242	0.00109	0.000257	0.00438	0.0535	0.0000676	11.3	0.0054	2.47	0.0312	0.00332	1.46	0.00394	0.00578	0.000205	0.00307	0.000749	0.0634	0.0000453	0.00465	0.00415	0.0161
2050 Nov	71	0.00252	0.00127	0.000168	19	0.234	19.2	0.0000262	0.176	0.000247	0.0204	0.0443	0.0000494	14.2	0.000024	0.00108	0.000255	0.00434	0.0531	0.0000671	11.2	0.00535	2.46	0.0309	0.00329	1.45	0.00391	0.00574	0.000209	0.00304	0.000743	0.063	0.0000449	0.00461	0.00412	0.016
2050 Dec	71	0.00252	0.00127	0.000168	19	0.234	19.2	0.0000262	0.176	0.000247	0.0204	0.0443	0.0000494	14.2	0.000024	0.00108	0.000255	0.00434	0.0531	0.0000671	11.2	0.00535	2.46	0.0309	0.00329	1.45	0.00391	0.00573	0.000209	0.00304	0.000743	0.063	0.0000449	0.00461	0.00411	0.016
2051 Jan	71	0.00252	0.00127	0.000168	19	0.234	19.2	0.0000262	0.176	0.000247	0.0204	0.0443	0.0000494	14.2	0.000024	0.00108	0.000255	0.00435	0.0531	0.0000671	11.2	0.00535	2.46	0.0309	0.00329	1.45	0.00391	0.00574	0.000209	0.00304	0.000743	0.063	0.0000449	0.00461	0.00412	0.016
2051 Feb	71	0.00252	0.00127	0.000168	19	0.234	19.2	0.0000262	0.176	0.000247	0.0204	0.0443	0.0000495	14.2	0.0000241	0.00108	0.000255	0.00435	0.0531	0.0000671	11.2	0.00535	2.46	0.0309	0.00329	1.45	0.00391	0.00574	0.000209	0.00304	0.000743	0.063	0.0000449	0.00462	0.00412	0.016
2051 Mar	71	0.00252	0.00127	0.000168	19	0.234	19.2	0.0000262	0.176	0.000247	0.0204	0.0443	0.0000495	14.2	0.0000241	0.00108	0.000255	0.00435	0.0531	0.0000671	11.2	0.00536	2.46	0.0309	0.00329	1.45	0.00391	0.00574	0.000209	0.00304	0.000743	0.063	0.0000449	0.00462	0.00412	0.016
2051 Apr	71.2	0.00253	0.00128	0.000169	19.1	0.235	19.3	0.0000262	0.176	0.000248	0.0205	0.0444	0.0000496	14.2	0.0000241	0.00109	0.000256	0.00436	0.0533	0.0000673	11.3	0.00537	2.47	0.031	0.0033	1.46	0.00392	0.00577	0.00021	0.00305	0.000745	0.0632	0.000045	0.00463	0.00413	0.016
2051 May	72.2	0.00255	0.00128	0.00017	19.3	0.238	19.6	0.0000266	0.179	0.000251	0.0208	0.0451	0.0000503	14.4	0.0000245	0.0011	0.00026	0.00442	0.054	0.0000683	11.4	0.00545	2.5	0.0315	0.00335	1.48	0.00398	0.00588	0.000212	0.0031	0.000757	0.0641	0.0000457	0.0047	0.00419	0.0163
2051 Jun	73.1	0.00221	0.00107	0.000135	19.7	0.245	20.1	0.0000272	0.186	0.000241	0.0211	0.0462	0.0000514	14.7	0.0000251	0.00114	0.000263	0.00457	0.0552	0.0000707	11.8	0.00561	2.5	0.0326	0.00347	1.47	0.00409	0.00596	0.000206	0.00321	0.000783	0.065	0.000047	0.00487	0.00433	0.0167
2051 Jul	73.7	0.00247	0.00118	0.000145	19.8	0.245	20.1	0.0000273	0.186	0.000247	0.0212	0.0464	0.0000515	14.7	0.0000251	0.00114	0.000265	0.00457	0.0552	0.0000707	11.8	0.00562	2.54	0.0326	0.00347	1.49	0.0041	0.00601	0.000203	0.00321	0.000783	0.0655	0.000047	0.00487	0.00433	0.0167
2051 Aug	74.9	0.00241	0.00118	0.000149	20.2	0.249	20.5	0.0000278	0.19	0.000251	0.0216	0.0472	0.0000525	15	0.0000255	0.00116	0.00027	0.00465	0.0563	0.0000719	12	0.00571	2.57	0.0331	0.00353	1.52	0.00417	0.0061	0.000206	0.00326	0.000796	0.0665	0.0000479	0.00495	0.0044	0.017
2051 Sep	73.2	0.00241	0.00118	0.000154	19.7	0.243	20	0.0000271	0.185	0.000247	0.0211	0.046	0.0000513	14.6	0.0000249	0.00113	0.000263	0.00453	0.0551	0.00007	11.7	0.00557	2.52	0.0323	0.00344	1.49	0.00406	0.00595	0.0002	0.00318	0.000776	0.065	0.0000467	0.00482	0.00429	0.0166
2051 Oct	72.1	0.00241	0.0012	0.000158	19.4	0.239	19.6	0.0000267	0.182	0.000246	0.0208	0.0453	0.0000505	14.4	0.0000245	0.00111	0.00026	0.00445	0.0543	0.0000688	11.5	0.00548	2.49	0.0317	0.00338	1.47	0.004	0.00585	0.000206	0.00312	0.000762	0.0641	0.0000459	0.00474	0.00422	0.0163
2051 Nov	71.9	0.00237	0.0012	0.000158	19.3	0.238	19.6	0.0000266	0.181	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00443	0.0541	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00582	0.000211	0.00311	0.000759	0.0639	0.0000457	0.00472	0.0042	0.0163
2051 Dec	71.9	0.00237	0.0012	0.000158	19.3	0.238	19.6	0.0000266	0.181	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00443	0.0541	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00582	0.000211	0.00311	0.000759	0.0639	0.0000457	0.00472	0.0042	0.0163
2052 Jan	71.9	0.00237	0.0012	0.000158	19.3	0.238	19.6	0.0000266	0.181	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00443	0.054	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00582	0.000211	0.00311	0.000759	0.0639	0.0000457	0.00472	0.0042	0.0163
2052 Feb	71.9	0.00237	0.0012	0.000158	19.3	0.238	19.6	0.0000266	0.181	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00443	0.054	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00582	0.000211	0.00311	0.000759	0.0639	0.0000457	0.00472	0.0042	0.0163
2052 Mar	71.9	0.00237	0.0012	0.000158	19.3	0.238	19.6	0.0000266	0.181	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00443	0.0541	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00582	0.000211	0.00311	0.000759	0.0639	0.0000457	0.00472	0.0042	0.0163
2052 Apr	72.1	0.00239	0.00121	0.000159	19.4	0.239	19.6	0.0000267	0.181	0.000246	0.0208	0.0452	0.0000504	14.4	0.0000245	0.00111	0.00026	0.00444	0.0542	0.0000687	11.5	0.00547	2.49	0.0317	0.00337	1.47	0.00399	0.00586	0.000212	0.00312	0.000761	0.064	0.0000458	0.00473	0.00421	0.0163
2052 May	74	0.00225	0.00114	0.00015	19.9	0.247	20.2	0.0000275	0.188	0.000248	0.0214	0.0466	0.000052	14.8	0.0000254	0.00115	0.000267	0.0046	0.0559	0.0000711	11.9	0.00566	2.54	0.0328	0.00349	1.5	0.00412	0.00605	0.000216	0.00323	0.000788	0.0657	0.0000474	0.0049	0.00436	0.0169
2052 Jun	70.9	0.00265	0.00128	0.000163	19	0.234	19.2	0.0000261	0.177	0.000246	0.0203	0.0443	0.0000493	14.1	0.0000239	0.00108	0.000254	0.00434	0.0527	0.000067	11.2	0.00534	2.46	0.0309	0.00329	1.45	0.00391	0.00577	0.000201	0.00304	0.000742	0.0629	0.0000448	0.00461	0.00411	0.0159
2052 Jul	71.1	0.00301	0.00145	0.000179	19	0.232	19.1	0.0000259	0.175	0.000253	0.0202	0.0441	0.000049	14.1	0.0000237	0.00107	0.000254	0.00429	0.0522	0.0000662	11.1	0.00529	2.49	0.0305	0.00324	1.47	0.00388	0.00577	0.000198	0.003	0.000733	0.063	0.0000444	0.00455	0.00406	0.0158
2052 Aug	72.3	0.00296	0.00145	0.000183	19.3	0.236	19.4	0.0000264	0.178	0.000257	0.0206	0.0449	0.0000499	14.4	0.0000241	0.00109	0.000259	0.00436	0.0533	0.0000674	11.3	0.00538	2.53	0.031	0.0033	1.49	0.00395	0.00586	0.0002	0.00305	0.000746	0.064	0.0000452	0.00463	0.00414	0.016
2052 Sep	70.6	0.0029	0.00142	0.000185	18.9	0.23	19	0.0000258	0.174	0.000253	0.0202	0.0438	0.0000489	14	0.0000236	0.00106	0.000253	0.00426	0.0522	0.0000658	11	0.00526	2.47	0.0303	0.00322	1.46	0.00386	0.00572	0.000195	0.00298	0.000729	0.0626	0.0000442	0.00452	0.00404	0.0157
2052 Oct	69.6	0.0029	0.00143	0.000188	18.6	0.227	18.7	0.0000254	0.171	0.000251	0.0199	0.0431	0.0000481	13.8	0.0000232	0.00104	0.000249	0.00419	0.0514	0.0000647	10.9	0.00517	2.44	0.0298	0.00317	1.44	0.00379	0.00563	0.000201	0.00293	0.000716	0.0617	0.0000434	0.00444	0.00397	0.0154
2052 Nov	69.3	0.00289	0.00145	0.00019	18.5	0.225	18.6	0.0000253	0.17	0.000251	0.0198	0.0428	0.0000478	13.8	0.0000231	0.00104	0.000248	0.00416	0.0511	0.0000642	10.8	0.00514	2.43	0.0296	0.00314	1.43	0.00377	0.00559	0.000205	0.00291	0.000711	0.0614	0.0000431	0.0044	0.00394	0.0153
2052 Dec	69.3	0.00289	0.00145	0.00019	18.5	0.225	18.6	0.0000253	0.17	0.000251	0.0198	0.0428	0.0000478	13.8	0.0000231	0.00104	0.000248	0.00416	0.0511	0.0000642	10.8	0.00514	2.43	0.0296	0.00314	1.43	0.00377	0.00559	0.000205	0.00291	0.00071	0.0614	0.0000431	0.0044	0.00394	0.0153
2053 Jan	69.3	0.00289	0.00145	0.00019	18.5	0.225	18.6	0.0000253	0.17	0.000251	0.0198	0.0428	0.0000478	13.8	0.0000231	0.00104	0.000248	0.00416	0.0511	0.0000642	10.8	0.00514	2.43	0.0296	0.00314	1.43	0.00377	0.00559	0.000205	0.00291	0.000711	0.0614	0.0000431	0.00441	0.00394	0.0153
2053 Feb	69.3	0.00288	0.00144	0.000189	18.5	0.225	18.6	0.0000253	0.17	0.000251	0.0198	0.0429	0.0000479	13.8	0.0000231	0.00104	0.000248	0.00417	0.0512	0.0000643	10.8	0.00515	2.43	0.0296	0.00315	1.44	0.00377	0.00559	0.000205	0.00291	0.000712	0.0614	0.0000432	0.00441	0.00395	0.0154
2053 Mar	69.5	0.00286	0.00143	0.000188	18.5	0.226	18.6	0.0000254	0.171	0.000251	0.0198	0.043	0.000048	13.8	0.0000232	0.00104	0.000249	0.00418	0.0513	0.0000645	10.8	0.00516	2.43	0.0297	0.00316	1.44	0.00378	0.0056	0.000205	0.00292	0.000714	0.0615	0.0000433	0.00442	0.00396	0.0154
2053 Apr	69.8	0.00286	0.00143	0.000188	18.6	0.227	18.7	0.0000255	0.171	0.000251	0.0199	0.0432	0.0000482	13.9	0.0000233	0.00105	0.00025	0.0042	0.0516	0.0000648	10.9	0.00519	2.44	0.0299	0.00317	1.44	0.0038	0.00564	0.000206	0.00294	0.000718	0.0618	0.0000435	0.00445	0.00398	0.0155
2053 May	72.9	0.00248	0.00124	0.000163	19.6	0.241	19.8	0.000027	0.184	0.00025	0.021	0.0457	0.0000509	14.6	0.0000248	0.00112	0.000262	0.00449	0.0547	0.0000693	11.6	0.00552	2.52	0.032	0.0034	1.48	0.00403	0.00594	0.000213	0.00314	0.000768	0.0647	0.0000463	0.00477	0.00425	0.0165
2053 Jun	72.3	0.00239	0.00114	0.000145	19.4	0.241	19.8	0.0000268	0.185	0.000242	0.0208	0.0455	0.0000506	14.5	0.0000247	0.00112	0.00026	0.00448	0.0543	0.0000693	11.6	0.00551	2.49	0.032	0.00341	1.47	0.00402	0.00589	0.000203	0.00315	0.000768	0.0643	0.0000462	0.00478	0.00425	0.0164
2053 Jul	72.3	0.00281	0.00134	0.000164	19.4	0.238	19.6	0.0000265	0.181	0.00025	0.0207	0.0452	0.0000501	14.4	0.0000243	0.0011	0.000259	0.00441	0.0535	0.0000682	11.4	0.00543	2.51	0.0314	0.00334	1.48	0.00398	0.00588	0.000199	0.00309	0.000755	0.0641	0.0000456	0.00469	0.00418	0.0162
2053 Aug	73.8	0.00267	0.00129	0.000162	19.8	0.244	20	0.0000272	0.186	0.000253	0.0212	0.0462	0.0000514	14.7	0.0000249	0.00113	0.000265	0.00453	0.055	0.00007	11.7	0.00558	2.56	0.0323	0.00343	1.51	0.00408	0.006	0.000203	0.00317	0.000775	0.0655	0.0000467	0.00482	0.00429	0.0166
2053 Sep	72	0.00264	0.00128	0.000167	19.3	0.237	19.5	0.0000265	0.182	0.000249	0.0207	0.045	0.0000502	14.4	0.0000243	0.0011	0.000258	0.00441	0.0538	0.0000682	11.4	0.00543	2.5	0.0314	0.00334	1.47	0.00397	0.00584	0.000197	0.00309	0.000755	0.0639	0.0000456	0.00469	0.00418	0.0162
2053 Oct	70.9	0.00266	0.00131	0.000172	19	0.233	19.2	0.0000261	0.178	0.000248	0.0203	0.0442	0.0000492	14.1	0.0000239	0.00108	0.000254	0.00432	0.0528	0.0000667	11.2	0.00533	2.46	0.0308	0.00327	1.45	0.00389	0.00573	0.000202	0.00302	0.000739	0.0629	0.0000447	0.00459	0.00409	0.0159
2053 Nov	70.6	0.00263	0.00131	0.000172	18.9	0.232	19.1	0.000026	0.177	0.000248	0.0203	0.044	0.0000491	14.1	0.0000238	0.00107	0.000254	0.0043	0.0526	0.0000664	11.1	0.0053	2.46	0.0306	0.00326	1.45	0.00388	0.0057	0.000207	0.00301	0.000736	0.0627	0.0000445	0.00457	0.00408	0.0158
2053 Dec	71.1	0.00255	0.00128	0.000167	19	0.234	19.3	0.0000262	0.179	0.000247	0.0204	0.0444	0.0000495	14.2	0.000024	0.00108	0.000255	0.00435	0.0531	0.0000672	11.2	0.00536	2.46	0.031	0.00329	1.45	0.00391	0.00574	0.000208	0.00305	0.000744	0.0631	0.0000449	0.00462	0.00412	0.016
2054 Jan	71.1	0.00254	0.00127	0.000167	19.1	0.234	19.3	0.0000262	0.179	0.000247	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00109	0.000256	0.00435	0.0532	0.0000673	11.3	0.00536	2.47	0.031	0.0033	1.45	0.00392	0.00575	0.000208	0.00305	0.000745	0.0631	0.000045	0.00463	0.00413	0.016
2054 Feb	71.2	0.00252	0.00126	0.000165	19.1	0.235	19.3	0.0000263	0.18	0.000247	0.0205	0.0445	0.0000496	14.2	0.0000241	0.00109	0.000256	0.00437	0.0533	0.0000675	11.3	0.00538	2.47	0.0311	0.00331	1.46	0.00393	0.00576	0.000208	0.00306	0.000747	0.0633	0.0000451	0.00464	0.00414	0.016
2054 Mar	71.4	0.0025	0.00125	0.000164	19.1	0.236	19.4	0.0000263	0.18	0.000247	0.0205	0.0446	0.0000497	14.2	0.0000242	0.00109	0.000257	0.00438	0.0534	0.0000676	11.3	0.00539	2.47	0.0312	0.00332	1.46	0.00394	0.00577	0.000209	0.00307	0.000749	0.0634	0.0000452	0.00465	0.00415	0.0161
2054 Apr	71.5	0.00252	0.00126	0.000165	19.2	0.236	19.4	0.0000264	0.181	0.000247	0.0206	0.0447	0.0000499	14.3	0.0000243	0.00109	0.000257	0.00439	0.0535	0.0000678	11.3	0.0054	2.48	0.0313	0.00333	1.46	0.00395	0.00581	0.000209	0.00307	0.000751	0.0635	0.0000453	0.00466	0.00416	0.0161
2054 May	72.8	0.0025	0.00125	0.000164	19.5	0.241	19.8	0.0000269	0.185	0.00025	0.0209	0.0456	0.0000508	14.5	0.0000247	0.00112	0.000262	0.00448	0.0546	0.0000692	11.6	0.00551	2.52	0.0319	0.00339	1.48	0.00402	0.00594	0.000212	0.00314	0.000766	0.0646	0.0000462	0.00476	0.00424	0.0164
2054 Jun	69.8	0.00288	0.00138	0.000176	18.6	0.228	18.8	0.0000255	0.174	0.000248	0.0199	0.0434	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00422	0.0514	0.0000652	10.9	0.00521	2.44	0.03	0.00319	1.44	0.00382	0.00567	0.000198	0.00295	0.000722	0.0619	0.0000437	0.00448	0.004	0.0155
2054 Jul	70.6	0.0031	0.00149	0.000185	18.8	0.229	18.9	0.0000257	0.174	0.000254	0.0201	0.0437	0.0000485	14	0.0000234	0.00106	0.000252	0.00424	0.0516	0.0000654	11	0.00523	2.48	0.0301	0.0032	1.46	0.00384	0.00573	0.000196	0.00296	0.000724	0.0625	0.0000439	0.00449	0.00402	0.0156
2054 Aug	73	0.0028	0.00136	0.000173	19.6	0.24	19.8	0.0000268	0.184	0.000255	0.0209	0.0456	0.0000507	14.5	0.0000246	0.00111	0.000262	0.00445	0.0542	0.0000687	11.5	0.00548	2.54	0.0317	0.00337	1.5	0.00402	0.00594	0.000202	0.00312	0.000761	0.0648	0.000046	0.00473	0.00422	0.0163
2054 Sep	72	0.00264	0.00129	0.000169	19.3	0.237	19.5	0.0000265	0.182	0.00025	0.0207	0.045	0.0000501	14.4	0.0000243	0.0011	0.000258	0.00441	0.0538	0.0000681	11.4	0.00543	2.5	0.0314	0.00334	1.47	0.00397	0.00585	0.000199	0.00309	0.000754	0.0639	0.0000455	0.00468	0.00418	0.0162
2054 Oct	71	0.00265	0.00131	0.000173	19	0.233	19.2	0.0000261	0.179	0.000249	0.0204	0.0442	0.0000493	14.1	0.0000239	0.00108	0.000255	0.00433	0.0529	0.0000668	11.2	0.00533	2.47	0.0308	0.00327	1.45	0.0039	0.00574	0.000204	0.00303	0.00074	0.063	0.0000447	0.00459	0.0041	0.0159

Appendix C7: Whale Tail WRSPF Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2054 Nov	70.5	0.00265	0.00133	0.000175	18.9	0.231	19.1	0.0000259	0.177	0.000248	0.0202	0.0439	0.000049	14	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.45	0.0305	0.00325	1.45	0.00387	0.0057	0.000208	0.003	0.000734	0.0626	0.0000444	0.00455	0.00407	0.0158
2054 Dec	70.5	0.00265	0.00133	0.000175	18.9	0.231	19.1	0.0000259	0.177	0.000248	0.0202	0.0439	0.000049	14	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.45	0.0305	0.00325	1.45	0.00387	0.0057	0.000208	0.003	0.000734	0.0626	0.0000444	0.00455	0.00407	0.0158
2055 Jan	70.5	0.00265	0.00133	0.000175	18.9	0.231	19.1	0.0000259	0.177	0.000248	0.0202	0.0439	0.000049	14	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.45	0.0305	0.00325	1.45	0.00387	0.0057	0.000208	0.003	0.000734	0.0626	0.0000444	0.00455	0.00407	0.0158
2055 Feb	70.5	0.00265	0.00133	0.000175	18.9	0.231	19.1	0.0000259	0.177	0.000248	0.0202	0.0439	0.000049	14	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.45	0.0305	0.00325	1.45	0.00387	0.0057	0.000208	0.003	0.000734	0.0626	0.0000444	0.00455	0.00407	0.0158
2055 Mar	70.5	0.00265	0.00133	0.000175	18.9	0.231	19.1	0.0000259	0.177	0.000249	0.0202	0.0439	0.000049	14	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.45	0.0305	0.00325	1.45	0.00387	0.0057	0.000208	0.003	0.000734	0.0626	0.0000444	0.00455	0.00407	0.0158
2055 Apr	70.7	0.00266	0.00134	0.000176	18.9	0.232	19.1	0.000026	0.178	0.000249	0.0203	0.044	0.0000491	14.1	0.0000238	0.00107	0.000254	0.0043	0.0526	0.0000664	11.1	0.0053	2.46	0.0306	0.00325	1.45	0.00388	0.00574	0.000209	0.00301	0.000735	0.0627	0.0000445	0.00456	0.00407	0.0158
2055 May	71.5	0.00271	0.00136	0.00018	19.1	0.234	19.3	0.0000263	0.18	0.000253	0.0205	0.0445	0.0000496	14.2	0.0000241	0.00108	0.000257	0.00435	0.0532	0.0000671	11.2	0.00536	2.49	0.0309	0.00329	1.47	0.00392	0.00584	0.000211	0.00304	0.000743	0.0634	0.000045	0.00461	0.00412	0.016
2055 Jun	70.9	0.00268	0.00129	0.000166	19	0.233	19.2	0.000026	0.179	0.000246	0.0203	0.0442	0.0000492	14.1	0.0000239	0.00108	0.000254	0.00432	0.0526	0.0000668	11.2	0.00533	2.46	0.0308	0.00328	1.45	0.0039	0.00577	0.000202	0.00303	0.00074	0.0628	0.0000447	0.00459	0.0041	0.0159
2055 Jul	72.3	0.00281	0.00135	0.000168	19.3	0.237	19.5	0.0000265	0.183	0.000252	0.0207	0.0451	0.0000501	14.4	0.0000243	0.0011	0.000259	0.0044	0.0535	0.000068	11.4	0.00542	2.51	0.0313	0.00334	1.48	0.00397	0.00588	0.000201	0.00308	0.000753	0.0641	0.0000455	0.00468	0.00417	0.0162
2055 Aug	73.5	0.00273	0.00133	0.00017	19.7	0.242	19.9	0.000027	0.187	0.000255	0.0211	0.0459	0.0000511	14.7	0.0000248	0.00112	0.000264	0.00449	0.0547	0.0000694	11.6	0.00554	2.55	0.032	0.00341	1.51	0.00405	0.00598	0.000204	0.00315	0.000769	0.0652	0.0000464	0.00477	0.00426	0.0165
2055 Sep	72	0.00267	0.00131	0.000172	19.3	0.237	19.5	0.0000265	0.183	0.000251	0.0207	0.0449	0.0000501	14.4	0.0000243	0.0011	0.000258	0.0044	0.0537	0.0000679	11.4	0.00542	2.5	0.0313	0.00333	1.47	0.00396	0.00585	0.000199	0.00308	0.000752	0.0639	0.0000454	0.00467	0.00417	0.0161
2055 Oct	70.9	0.00269	0.00133	0.000176	19	0.232	19.1	0.000026	0.179	0.00025	0.0203	0.0441	0.0000492	14.1	0.0000239	0.00107	0.000254	0.00431	0.0528	0.0000666	11.2	0.00532	2.47	0.0307	0.00326	1.46	0.00389	0.00574	0.000204	0.00302	0.000737	0.0629	0.0000446	0.00457	0.00409	0.0159
2055 Nov	71.4	0.00251	0.00127	0.000167	19.1	0.236	19.4	0.0000263	0.182	0.000248	0.0205	0.0446	0.0000498	14.3	0.0000242	0.00109	0.000257	0.00438	0.0535	0.0000676	11.3	0.00539	2.48	0.0312	0.00332	1.46	0.00394	0.00579	0.00021	0.00307	0.000749	0.0634	0.0000452	0.00465	0.00415	0.0161
2055 Dec	72.1	0.0024	0.00121	0.00016	19.4	0.239	19.6	0.0000267	0.185	0.000247	0.0208	0.0452	0.0000504	14.4	0.0000246	0.00111	0.00026	0.00445	0.0542	0.0000687	11.5	0.00547	2.49	0.0317	0.00337	1.47	0.00399	0.00585	0.000212	0.00312	0.000761	0.0641	0.0000459	0.00473	0.00421	0.0163
2056 Jan	72.1	0.0024	0.00121	0.00016	19.4	0.239	19.6	0.0000267	0.185	0.000247	0.0208	0.0452	0.0000504	14.4	0.0000246	0.00111	0.00026	0.00445	0.0542	0.0000687	11.5	0.00547	2.49	0.0317	0.00337	1.47	0.00399	0.00585	0.000212	0.00312	0.000761	0.0641	0.0000459	0.00473	0.00421	0.0163
2056 Feb	72.3	0.00237	0.0012	0.000158	19.4	0.24	19.7	0.0000268	0.186	0.000246	0.0208	0.0454	0.0000506	14.5	0.0000247	0.00111	0.00026	0.00446	0.0544	0.000069	11.5	0.00549	2.49	0.0318	0.00339	1.47	0.00401	0.00587	0.000212	0.00313	0.000764	0.0642	0.000046	0.00475	0.00423	0.0164
2056 Mar	72.4	0.00236	0.00119	0.000157	19.4	0.24	19.7	0.0000268	0.186	0.000246	0.0209	0.0454	0.0000506	14.5	0.0000247	0.00111	0.000261	0.00447	0.0545	0.0000691	11.6	0.0055	2.49	0.0319	0.00339	1.47	0.00401	0.00587	0.000212	0.00313	0.000765	0.0643	0.0000461	0.00476	0.00423	0.0164
2056 Apr	72.5	0.00237	0.0012	0.000158	19.5	0.241	19.8	0.0000269	0.187	0.000247	0.0209	0.0455	0.0000508	14.5	0.0000247	0.00112	0.000261	0.00448	0.0546	0.0000692	11.6	0.00551	2.5	0.0319	0.0034	1.47	0.00402	0.00591	0.000213	0.00314	0.000767	0.0644	0.0000462	0.00476	0.00424	0.0164
2056 May	74.2	0.00227	0.00114	0.000151	20	0.247	20.3	0.0000276	0.193	0.000249	0.0215	0.0468	0.0000521	14.9	0.0000254	0.00115	0.000268	0.00461	0.0561	0.0000713	11.9	0.00567	2.55	0.0329	0.0035	1.5	0.00413	0.00608	0.000217	0.00324	0.00079	0.066	0.0000475	0.00491	0.00437	0.0169
2056 Jun	72.1	0.00248	0.00119	0.000152	19.3	0.239	19.6	0.0000266	0.186	0.000244	0.0207	0.0453	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00445	0.0539	0.0000687	11.5	0.00547	2.49	0.0317	0.00337	1.47	0.004	0.00589	0.000203	0.00312	0.000761	0.064	0.0000458	0.00473	0.00421	0.0163
2056 Jul	72.4	0.00284	0.00136	0.000168	19.4	0.238	19.6	0.0000265	0.184	0.000252	0.0207	0.0452	0.0000502	14.4	0.0000243	0.0011	0.000259	0.00441	0.0535	0.0000681	11.4	0.00543	2.52	0.0314	0.00334	1.49	0.00398	0.0059	0.0002	0.00309	0.000754	0.0642	0.0000455	0.00468	0.00418	0.0162
2056 Aug	73.1	0.00276	0.00135	0.000172	19.6	0.24	19.8	0.0000268	0.186	0.000255	0.0209	0.0456	0.0000507	14.6	0.0000246	0.00111	0.000262	0.00446	0.0543	0.0000688	11.5	0.00549	2.54	0.0317	0.00338	1.5	0.00402	0.00595	0.000202	0.00312	0.000762	0.0648	0.0000461	0.00473	0.00422	0.0164
2056 Sep	70.8	0.00278	0.00136	0.00018	18.9	0.232	19.1	0.000026	0.179	0.000251	0.0203	0.044	0.0000491	14.1	0.0000237	0.00107	0.000253	0.00429	0.0526	0.0000663	11.1	0.0053	2.47	0.0305	0.00325	1.46	0.00388	0.00574	0.000194	0.003	0.000734	0.0628	0.0000444	0.00455	0.00407	0.0158
2056 Oct	70	0.00275	0.00136	0.000181	18.7	0.229	18.9	0.0000256	0.177	0.000249	0.02	0.0434	0.0000485	13.9	0.0000235	0.00106	0.000251	0.00424	0.052	0.0000654	11	0.00523	2.44	0.0301	0.0032	1.44	0.00383	0.00566	0.000201	0.00296	0.000724	0.062	0.0000439	0.00449	0.00402	0.0156
2056 Nov	69.6	0.00272	0.00137	0.000182	18.6	0.228	18.8	0.0000255	0.176	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.43	0.03	0.00318	1.43	0.00381	0.00563	0.000205	0.00295	0.00072	0.0617	0.0000436	0.00446	0.00399	0.0155
2056 Dec	69.6	0.00273	0.00137	0.000182	18.6	0.227	18.8	0.0000255	0.176	0.000249	0.0199	0.0432	0.0000482	13.8	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.43	0.03	0.00318	1.43	0.00381	0.00563	0.000205	0.00295	0.00072	0.0617	0.0000436	0.00446	0.00399	0.0155
2057 Jan	69.6	0.00273	0.00137	0.000182	18.6	0.227	18.8	0.0000255	0.176	0.000249	0.0199	0.0432	0.0000482	13.8	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.43	0.03	0.00318	1.43	0.00381	0.00563	0.000205	0.00295	0.00072	0.0617	0.0000436	0.00446	0.00399	0.0155
2057 Feb	69.6	0.00273	0.00137	0.000182	18.6	0.227	18.8	0.0000255	0.176	0.000249	0.0199	0.0432	0.0000482	13.8	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.43	0.03	0.00318	1.43	0.00381	0.00563	0.000205	0.00295	0.00072	0.0617	0.0000436	0.00446	0.00399	0.0155
2057 Mar	69.6	0.00273	0.00137	0.000182	18.6	0.228	18.8	0.0000255	0.176	0.000249	0.0199	0.0432	0.0000482	13.9	0.0000234	0.00105	0.00025	0.00421	0.0517	0.000065	10.9	0.0052	2.43	0.03	0.00318	1.44	0.00381	0.00563	0.000205	0.00295	0.00072	0.0617	0.0000436	0.00446	0.00399	0.0155
2057 Apr	69.8	0.00274	0.00138	0.000183	18.6	0.228	18.8	0.0000256	0.176	0.00025	0.02	0.0433	0.0000483	13.9	0.0000234	0.00105	0.00025	0.00422	0.0518	0.0000651	10.9	0.00521	2.44	0.03	0.00319	1.44	0.00381	0.00567	0.000206	0.00295	0.000721	0.0619	0.0000437	0.00447	0.004	0.0155
2057 May	71.8	0.00259	0.0013	0.000173	19.2	0.236	19.4	0.0000264	0.183	0.000251	0.0206	0.0448	0.00005	14.3	0.0000243	0.00109	0.000258	0.00439	0.0536	0.0000677	11.3	0.0054	2.49	0.0312	0.00332	1.47	0.00395	0.00587	0.00021	0.00307	0.00075	0.0637	0.0000453	0.00466	0.00416	0.0161
2057 Jun	69.4	0.00288	0.00139	0.000179	18.5	0.226	18.7	0.0000253	0.175	0.000247	0.0198	0.043	0.0000479	13.8	0.0000232	0.00104	0.000248	0.00419	0.0511	0.0000646	10.8	0.00517	2.43	0.0298	0.00317	1.43	0.00379	0.00565	0.000197	0.00293	0.000716	0.0614	0.0000434	0.00444	0.00397	0.0154
2057 Jul	69.6	0.00326	0.00157	0.000196	18.5	0.225	18.6	0.0000252	0.173	0.000255	0.0197	0.0428	0.0000476	13.8	0.0000229	0.00103	0.000248	0.00414	0.0506	0.0000638	10.7	0.00511	2.46	0.0294	0.00312	1.45	0.00377	0.00565	0.000194	0.00289	0.000707	0.0616	0.0000429	0.00438	0.00392	0.0152
2057 Aug	70.8	0.0032	0.00156	0.000199	18.8	0.229	18.9	0.0000257	0.176	0.000259	0.0201	0.0436	0.0000486	14	0.0000234	0.00105	0.000253	0.00422	0.0517	0.0000651	10.9	0.00522	2.5	0.03	0.00319	1.47	0.00384	0.00575	0.000196	0.00295	0.000721	0.0627	0.0000438	0.00447	0.004	0.0155
2057 Sep	68.9	0.0032	0.00156	0.000205	18.3	0.222	18.4	0.000025	0.171	0.000256	0.0196	0.0423	0.0000472	13.6	0.0000227	0.00102	0.000245	0.00409	0.0503	0.000063	10.6	0.00505	2.43	0.029	0.00308	1.44	0.00372	0.00557	0.00019	0.00285	0.000698	0.0609	0.0000425	0.00432	0.00387	0.0151
2057 Oct	67.8	0.00322	0.00159	0.000209	18	0.218	18	0.0000245	0.167	0.000254	0.0192	0.0415	0.0000463	13.4	0.0000223	0.000996	0.000241	0.004	0.0494	0.0000616	10.4	0.00495	2.4	0.0284	0.00301	1.42	0.00364	0.00547	0.000195	0.00279	0.000683	0.0599	0.0000416	0.00422	0.00379	0.0148
2057 Nov	67.4	0.00321	0.0016	0.000211	17.9	0.216	17.9	0.0000243	0.166	0.000254	0.0191	0.0412	0.000046	13.3	0.0000221	0.000988	0.00024	0.00397	0.0491	0.0000611	10.3	0.00491	2.39	0.0282	0.00299	1.41	0.00362	0.00543	0.0002	0.00277	0.000677	0.0596	0.0000413	0.00419	0.00376	0.0147
2057 Dec	67.4	0.00321	0.0016	0.000211	17.9	0.216	17.9	0.0000243	0.166	0.000254	0.0191	0.0412	0.000046	13.3	0.0000222	0.000988	0.00024	0.00397	0.0491	0.0000612	10.3	0.00492	2.39	0.0282	0.00299	1.41	0.00362	0.00543	0.0002	0.00277	0.000677	0.0596	0.0000413	0.00419	0.00376	0.0147
2058 Jan	67.4	0.0032	0.0016	0.000211	17.9	0.216	17.9	0.0000243	0.166	0.000254	0.0191	0.0412	0.0000461	13.3	0.0000222	0.000989	0.00024	0.00398	0.0491	0.0000612	10.3	0.00492	2.39	0.0282	0.00299	1.41	0.00362	0.00543	0.0002	0.00277	0.000678	0.0596	0.0000413	0.00419	0.00377	0.0147
2058 Feb	67.4	0.00321	0.0016	0.000211	17.9	0.216	17.9	0.0000243	0.166	0.000254	0.0191	0.0412	0.0000461	13.3	0.0000222	0.000989	0.00024	0.00398	0.0491	0.0000612	10.3	0.00492	2.39	0.0282	0.00299	1.41	0.00362	0.00543	0.0002	0.00277	0.000678	0.0596	0.0000414	0.00419	0.00377	0.0147
2058 Mar	67.4	0.00321	0.0016	0.000211	17.9	0.216	17.9	0.0000243	0.166	0.000254	0.0191	0.0412	0.0000461	13.3	0.0000222	0.000989	0.00024	0.00398	0.0491	0.0000612	10.3	0.00492	2.39	0.0282	0.00299	1.41	0.00362	0.00543	0.0002	0.00277	0.000678	0.0596	0.0000414	0.00419	0.00377	0.0147
2058 Apr	67.6	0.00322	0.00161	0.000212	17.9	0.217	17.9	0.0000244	0.166	0.000255	0.0192	0.0413	0.0000462	13.4	0.0000222	0.000991	0.000241	0.00398	0.0492	0.0000613	10.3	0.00493	2.4	0.0282	0.003	1.42	0.00363	0.00547	0.0002	0.00277	0.000679	0.0597	0.0000414	0.0042	0.00377	0.0147
2058 May	69.2	0.00314	0.00156	0.000207	18.4	0.223	18.4	0.0000251	0.172	0.000257	0.0197	0.0425	0.0000474	13.7	0.0000229	0.00102	0.000247	0.00411	0.0506	0.0000633	10.6	0.00508	2.44	0.0291	0.00309	1.44	0.00373	0.00564	0.000204	0.00286	0.000701	0.0612	0.0000427	0.00434	0.00389	0.0152
2058 Jun	73.4	0.00224	0.00107	0.000136	19.8	0.245	20.1	0.0000273	0.194	0.000242	0.0212	0.0464	0.0000515	14.7	0.0000252	0.00114	0.000264	0.00458	0.0554	0.0000708	11.8	0.00563	2.51	0.0327	0.00348	1.48	0.0041	0.006	0.000205	0.00322	0.000785	0.0652	0.0000471	0.00489	0.00434	0.0168
2058 Jul	74.9	0.00241	0.00115	0.000141	20.2	0.25	20.5	0.0000278	0.197	0.000248	0.0216	0.0473	0.0000525	15	0.0000256	0.00116	0.00027	0.00466	0.0562	0.0000721	12.1	0.00573	2.57	0.0332	0.00354	1.51	0.00418	0.00612	0.000206	0.00327	0.000799	0.0666	0.000048	0.00497	0.00442	0.0171
2058 Aug	75.7	0.00238	0.00116	0.000146	20.4	0.252	20.7	0.0000281	0.199	0.000252	0.0218	0.0478	0.0000531	15.2	0.0000259	0.00117	0.000273	0.00471	0.057	0.0000728	12.2	0.00579	2.6	0.0336	0.00358	1.53	0.00422	0.00618	0.000207	0.00331	0.000807	0.0673	0.0000485	0.00502	0.00446	0.0172
2058 Sep	74.1	0.00232	0.00114	0.000149	19.9	0.247	20.3	0.0000275	0.195	0.000248	0.0214	0.0467	0.000052	14.8	0.0000253	0.00115	0.000267	0.0046	0.056	0.0000712	11.9	0.00566	2.54	0.0329	0.0035	1.5	0.00412	0.00604	0.000202	0.00323	0.000789	0.0658	0.0000474	0.00491	0.00436	0.0169
2058 Oct	73.6	0.00223	0.0011	0.000146	19.8	0.246	20.1	0.0000274	0.194	0.000245	0.0213	0.0464	0.0000517	14.7	0.0000252	0.00114	0.000265	0.00458	0.0557	0.0000709	11.8	0.00564	2.52	0.0327	0.00348	1.49	0.0041	0.00598	0.000209	0.00322	0.000785	0.0654	0.0000472	0.00489	0.00434	0.0168
2058 Nov	73.2	0.00221	0.00112	0.000148	19.7	0.244	20	0.0000272	0.193	0.000245	0.0212	0.0461	0.0000514	14.7	0.0000251	0.00114	0.000264	0.00455	0.0554	0.0000704	11.8	0.0056	2.51	0.0325	0.00346	1.48	0.00408	0.00595	0.000214	0.0032	0.00078	0.0651	0.0000469	0.00485	0.00431	0.0167
2058 Dec	73.2	0.00221	0.00112	0.000148	19.7	0.244	20	0.0000272	0.193	0.000245	0.0212	0.0461	0.0000514	14.7	0.0000251	0.00114	0.000264	0.00455	0.0554	0.0000704	11.8	0.0056	2.51	0.0325	0.00346	1.48	0.00408	0.00595	0.000214	0.0032	0.00078	0.0651	0.0000469	0.00485	0.00431	0.0167
2059 Jan	73.2	0.00221	0.00112	0.000148	19.7	0.244	20	0.0000272	0.193	0.000245	0.0212	0.0461	0.0000514	14.7	0.0000251	0.00114	0.000264	0.00455	0.0554	0.0000704	11.8	0.0056	2.51	0.0325	0.00346	1.48	0.00408	0.00595	0.000214	0.0032	0.00078	0.0651	0.0000469	0.00485	0.00431	0.0167
2059 Feb	73.2	0.00221	0.00112	0.000148	19.7	0.244	20	0.0000272	0.193	0.000245	0.0212	0.0461	0.0000514	14.7	0.0000251	0.00114	0.000264	0.00455	0.0554	0.0000704	11.8	0.0056	2.51	0.0325	0.00346	1.48	0.00408	0.00595	0.000214	0.0032	0.00078	0.0651	0.0000469	0.00485	0.00431	0.0167
2059 Mar	73.2	0.00221	0.00112	0.000148	19.7	0.244	20	0.0000272	0.193	0.000245	0.0212	0.0462	0.0000514	14.7	0.0000251	0.00114	0.000264	0.00456	0.0554	0.0000704	11.8	0.0056	2.51	0.0325	0.00346	1.48	0.00408	0.00595	0.000214	0.0032	0.000781	0.0651	0.0000469	0.00485	0.00432	0.0167
2059 Apr	73.5	0.00222	0.00112	0.000148	19.8	0.245	20.1	0.0000273	0.194	0.000246	0.0212	0.0463	0.0000516	14.7	0.0000252	0.00114	0.000265	0.00457	0.0556	0.0000706	11.8	0.00562	2.52	0.0326	0.00347	1.48	0.00409	0.00599	0.000215	0.00321	0.000783	0.0653	0.0000471	0.00487	0.00433	0.0168
2059 May	74.8	0.00218	0.0011	0.000146	20.1	0.25	20.5	0.0000279	0.198	0.000248	0.0217	0.0472	0.0000526	15	0.0000257	0.00116	0.00027	0.00467	0.0567	0.0000722	12.1	0.00574	2.56	0.0333	0.00355	1.51	0.00418	0.00612	0.000218	0.00328	0.0008	0.0665	0.0000481	0.00498	0.00442	0.0171
2059 Jun	71.9	0.00253	0.00122	0.000155	19.3	0.238	19.5	0.0000265	0.187	0.000245	0.0206	0.0451	0.0000501	14.3	0.0000244	0.0011	0.000258	0.00442	0.0536	0.0000683	11.4	0.00544	2.48	0.0315	0.00336	1.46	0.00398	0.00586	0.000203	0.0031	0.000757	0.0638	0.0000456	0.00471	0.00419	0.0162
2059 Jul	71.8	0.00295	0.00141	0.000174	19.2	0.235	19.3	0.0000262	0.184	0.000253	0.0205	0.0446	0.0000495	14.3	0.000024	0.00108	0.000257	0.00434	0.0528	0.0000671	11.3	0.00536	2.5	0.0309	0.00329	1.48	0.00393	0.00583	0.000199	0.00304	0.000743	0.0636	0.0000449	0.00461	0.00412	0.016
2059 Aug	72.8	0.00288	0.00141	0.000178	19.5	0.239	19.7	0.0000267	0.187	0.000256	0.0208	0.0453	0.0000504	14.5	0.0000244	0.0011	0.000261	0.00442	0.0538	0.0000682	11.4	0.00545	2.54	0.0314	0.00335	1.5	0.004	0.00592	0.000201	0.00309	0.000756	0.0646	0.0000457	0.00469	0.00419	0.0162
2059 Sep	71.4	0.00281	0.00137	0.000179	19.1	0.234	19.3	0.0000262	0.183	0.000252	0.0204	0.0444	0.0000495	14.2	0.0000239	0.00108	0.000255	0.00433	0.053	0.0000668	11.2	0.00534	2.49	0.0308	0.00328	1.47	0.00391	0.00579	0.000196	0.00303	0.00074	0.0633	0.0000448	0.00459	0.0041	0.0159
2059 Oct	70.7	0.00274	0.00136	0.000178	18.9	0.232	19.1	0.0000259	0.182	0.00025	0.0203	0.044	0.000049	14.1	0.0000238	0.00107	0.000253	0.00429	0.0526	0.0000663	11.1	0.0053	2.46	0.0306	0.00325	1.45	0.00387	0.00572	0.000203	0.003	0.000734	0.0627	0.0000444	0.00455	0.00407	0.0158
2059 Nov	70.4	0.00273	0.00137	0.00018	18.8	0.23	19	0.0000258	0.181	0.00025	0.0201	0.0437	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000658	11	0.00526	2.45	0.0303	0.00322	1.45	0.00385	0.00569	0.000207	0.00298	0.000729	0.0624	0.0000441	0.00452	0.00404	0.0157
2059 Dec	70.3	0.00273	0.00137	0.00018	18.8	0.23	19	0.0000258	0.181	0.00025	0.0201	0.0437	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000658	11	0.00526	2.45	0.0303	0.00322	1.45	0.00385	0.00569	0.000207	0.00298	0.000729	0.0624	0.0000441	0.00452	0.00404	0.0157
2060 Jan	70.3	0.00273	0.00137	0.00018	18.8	0.23	19	0.0000258	0.181	0.00025	0.0201	0.0437	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000657	11	0.00526	2.45	0.0303	0.00322	1.45	0.00385	0.00569	0.000207	0.00298	0.000729	0.0624	0.0000441	0.00452	0.00404	0.0157
2060 Feb	70.3	0.00273	0.00137	0.00018	18.8	0.23	19	0.0000258	0.181	0.00025	0.0201	0.0437	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000658	11	0.00526	2.45	0.0303	0.00322	1.45	0.00385	0.00569	0.000207	0.00298	0.000729	0.0624	0.0000441	0.00452	0.00404	0.0157
2060 Mar	70.4	0.00273	0.00137	0.00018	18.8	0.23	19	0.0000258	0.181	0.00025	0.0201	0.0437	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000658	11	0.00526	2.45	0.0303	0.00322	1.45	0.00385	0.00569	0.000207	0.00298	0.000729	0.0624	0.0000441	0.00452	0.00404	0.0157
2060 Apr	70.6	0.00274	0.00138	0.000181	18.9	0.231	19	0.0000258	0.181	0.000251	0.0202	0.0438	0.0000489	14	0.0000237	0.00106	0.000253	0.00428	0.0524	0.0000659	11.1	0.00527	2.46	0.0304	0.00323	1.45	0.00386	0.00573	0.000208	0.00299	0.000731	0.0626	0.0000442	0.00453	0.00405	0.0157
2060 May	72.8	0.00255	0.00128	0.000169	19.5	0.24	19.7	0.0000268	0.19	0.000252	0.0209	0.0455	0.0000507	14.5	0.0000247	0.00111	0.000262	0.00446	0.0544	0.0000689	11.5	0.0055	2.52	0.0318	0.00338	1.49	0.00401	0.00595	0.000213	0.00313	0.000763	0.0646	0.0000461	0.00474	0.00423	0.0164
2060 Jun	69.9	0.00289	0.00139	0.000178	18.7	0.228	18.8	0.0000255	0.179	0.000249	0.02	0.0434	0.0000483	13.9	0.0000234	0.00105	0.00025	0.00422	0.0515	0.0000652	10.9	0.00521	2.45	0.03	0.00319	1.44	0.00382	0.00569	0.000199	0.00295	0.000722	0.062	0.0000437	0.00448	0.004	0.0155
2060 Jul	70.8	0.00315	0.00151	0.000188	18.9	0.23	19	0.0000257	0.18	0.000256	0.0201	0.0437	0.0000486	14	0.0000235	0.00106	0.000252	0.00424	0.0517	0.0000654	11	0.00523	2.49	0.0301	0.0032	1.47	0.00385	0.00575	0.000197	0.00296	0.000724	0.0626	0.0000439	0.00449	0.00402	0.0156
2060 Aug	72.4	0.00296	0.00144	0.000184	19.3	0.236	19.5	0.0000264	0.186	0.000257	0.0207	0.0449	0.00005	14.4	0.0000242	0.00109	0.000259	0.00437	0.0534	0.0000675	11.3	0.0054	2.53	0.0311	0.00331	1.49	0.00396	0.00588	0.000201	0.00306	0.000748	0.0641	0.0000453	0.00464	0.00415	0.0161
2060 Sep	71.5	0.00273	0.00134	0.000176	19.1	0.235	19.3	0.0000263	0.185	0.000251	0.0205	0.0446	0.0000497	14.3	0.000024	0.00109	0.000256	0.00435	0.0532	0.0000672	11.3	0.00537	2.49	0.031	0.0033	1.47	0.00393	0.00581	0.000197	0.00305	0.000745	0.0635	0.000045	0.00462	0.00413	0.016
2060 Oct	70.7	0.0027	0.00133	0.000177	18.9	0.232	19.1	0.000026	0.183	0.000249	0.0203	0.044	0.0000491	14.1	0.0000238	0.00107	0.000254	0.0043	0.0527	0.0000664	11.1	0.0053	2.46	0.0306	0.00326	1.45	0.00388	0.00573	0.000203	0.00301	0.000736	0.0627	0.0000445	0.00456	0.00408	0.0158
2060 Nov	70.4	0.00268	0.00135	0.000178	18.8	0.231	19	0.0000258	0.182	0.000249	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.000066	11.1	0.00527	2.45	0.0304	0.00324	1.45	0.00386	0.0057	0.000208	0.00299	0.000731	0.0625	0.0000443	0.00454	0.00405	0.0157
2060 Dec	70.4	0.00268	0.00135	0.000178	18.8	0.231	19	0.0000258	0.182	0.000249	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.000066	11.1	0.00527	2.45	0.0304	0.00324	1.45	0.00386	0.0057	0.000208	0.00299	0.000731	0.0625	0.0000443	0.00454	0.00405	0.0157
2061 Jan	70.4	0.00267	0.00134	0.000178	18.8	0.231	19	0.0000259	0.182	0.000249	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.000066	11.1	0.00528	2.45	0.0304	0.00324	1.45	0.00386	0.0057	0.000208	0.00299	0.000731	0.0625	0.0000443	0.00454	0.00405	0.0157
2061 Feb	70.4	0.00267	0.00134	0.000178	18.8	0.231	19	0.0000259	0.182	0.000249	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.000066	11.1	0.00528	2.45	0.0304	0.00324	1.45	0.00386	0.0057	0.000208	0.00299	0.000731	0.0625	0.0000443	0.00454	0.00405	0.0157
2061 Mar	70.5	0.00267	0.00134	0.000178	18.8	0.231	19	0.0000259	0.182	0.000249	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.0000661	11.1	0.00528	2.45	0.0304	0.00324	1.45	0.00386	0.0057	0.000208	0.00299	0.000732	0.0625	0.0000443	0.00454	0.00406	0.0157
2061 Apr	70.6	0.00269	0.00135	0.000179	18.9	0.231	19.1	0.0000259	0.183	0.00025	0.0202	0.0439	0.000049	14.1	0.0000238	0.00107	0.000253	0.00429	0.0525	0.0000662	11.1	0.00529	2.46	0.0305	0.00324	1.45	0.00387	0.00574	0.000208	0.003	0.000733	0.0626	0.0000444	0.00455	0.00406	0.0158
2061 May	73	0.00245	0.00123	0.000163	19.6	0.242	19.9	0.000027	0.192	0.00025	0.021	0.0458	0.0000511	14.6	0.0000249	0.00112	0.000263	0.0045	0.0549	0.0000695	11.6	0.00554	2.52	0.0321	0.00341	1.49	0.00404	0.00598	0.000214	0.00315	0.00077	0.0649	0.0000464	0.00478	0.00426	0.0165
2061 Jun	72.1	0.00243	0.00116	0.000148	19.4	0.24	19.7	0.0000267	0.191	0.000243	0.0208	0.0454	0.0000504	14.4	0.0000246	0.00111	0.000259	0.00446	0.054	0.000069	11.5	0.00549	2.48	0.0318	0.00339	1.46	0.00401	0.00589	0.000203	0.00313	0.000764	0.0641	0.000046	0.00475	0.00423	0.0164
2061 Jul	72.9	0.0027	0.00128	0.00016	19.5	0.24	19.8	0.0000268	0.191	0.00025	0.0209	0.0456	0.0000506	14.5	0.0000246	0.00111	0.000261	0.00447	0.0541	0.000069	11.6	0.0055	2.52	0.0318	0.00339	1.49	0.00402	0.00594	0.000201	0.00313	0.000765	0.0646	0.0000461	0.00475	0.00423	0.0164
2061 Aug	74.3	0.00257	0.00125	0.000159	19.9	0.246	20.2	0.0000274	0.196	0.000253	0.0214	0.0466	0.0000518	14.8	0.0000252	0.00114	0.000267	0.00458	0.0556	0.0000708	11.8	0.00564	2.57	0.0326	0.00347	1.51	0.00412	0.00606	0.000205	0.00321	0.000784	0.066	0.0000472	0.00487	0.00434	0.0168
2061 Sep	72.7	0.00252	0.00123	0.000162	19.5	0.241	19.8	0.0000269	0.192	0.000249	0.0209	0.0456	0.0000508	14.5	0.0000246	0.00112	0.000261	0.00447	0.0545	0.0000692	11.6	0.00551	2.51	0.0319	0.00339	1.48	0.00402	0.00591	0.000199	0.00314	0.000766	0.0646	0.0000462	0.00476	0.00424	0.0164
2061 Oct	71.5	0.00256	0.00126	0.000168	19.2	0.236	19.4	0.0000264	0.188	0.000248	0.0206	0.0447	0.0000498	14.3	0.0000242	0.00109	0.000257	0.00438	0.0535	0.0000676	11.3	0.0054	2.48	0.0312	0.00332	1.46	0.00394	0.0058	0.000204	0.00307	0.000749	0.0634	0.0000452	0.00465	0.00415	0.0161
2061 Nov	71.1	0.00255	0.00128	0.00017	19.1	0.234	19.3	0.0000262	0.187	0.000248	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00108	0.000256	0.00435	0.0532	0.0000672	11.3	0.00536	2.47	0.031	0.0033	1.46	0.00392	0.00576	0.000209	0.00305	0.000744	0.0631	0.0000449	0.00462	0.00412	0.016
2061 Dec	71.1	0.00255	0.00128	0.00017	19.1	0.234	19.3	0.0000262	0.187	0.000248	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00108	0.000256	0.00435	0.0532	0.0000672	11.3	0.00536	2.47	0.031	0.0033	1.46	0.00392	0.00576	0.000209	0.00305	0.000744	0.0631	0.0000449	0.00462	0.00412	0.016
2062 Jan	71.1	0.00255	0.00128	0.00017	19.1	0.234	19.3	0.0000262	0.187	0.000248	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00108	0.000256	0.00435	0.0532	0.0000672	11.3	0.00536	2.47	0.031	0.0033	1.46	0.00392	0.00576	0.000209	0.00305	0.000744	0.0631	0.0000449	0.00462	0.00412	0.016
2062 Feb	71.1	0.00255	0.00128	0.00017	19.1	0.234	19.3	0.0000262	0.187	0.000248	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00108	0.000256	0.00435	0.0532	0.0000672	11.3	0.00536	2.47	0.031	0.0033	1.46	0.00392	0.00576	0.000209	0.00305	0.000744	0.0631	0.0000449	0.00462	0.00412	0.016
2062 Mar	71.1	0.00255	0.00128	0.00017	19.1	0.234	19.3	0.0000262	0.187	0.000248	0.0204	0.0444	0.0000495	14.2	0.0000241	0.00108	0.000256	0.00435	0.0532	0.0000672	11.3	0.00536	2.47	0.031	0.0033	1.46	0.00392	0.00576	0.000209	0.00305	0.000744	0.0631	0.000045	0.00462	0.00412	0.016
2062 Apr	71.3	0.00257	0.00128	0.000171	19.1	0.235	19.3	0.0000263	0.187	0.000249	0.0205	0.0445	0.0000496	14.2	0.0000241	0.00109	0.000256	0.00436	0.0533	0.0000673	11.3	0.00537	2.47	0.031	0.0033	1.46	0.00392	0.0058	0.000209	0.00305	0.000746	0.0633	0.000045	0.00463	0.00413	0.016
2062 May	72.2	0.00262	0.00131	0.000174	19.3	0.237	19.5	0.0000266	0.189	0.000252	0.0207	0.045	0.0000502	14.4	0.0000244	0.0011	0.000259	0.00441	0.0539	0.0000681	11.4	0.00543	2.5	0.0314	0.00334	1.48	0.00397	0.0059	0.000211	0.00309	0.000754	0.064	0.0000455	0.00468	0.00418	0.0162
2062 Jun	72.6	0.00244	0.00117	0.000152	19.5	0.241	19.8	0.0000269	0.193	0.000245	0.0209	0.0456	0.0000507	14.5	0.0000247	0.00112	0.000261	0.00449	0.0544	0.0000694	11.6	0.00552	2.5	0.032	0.00341	1.47	0.00403	0.00593	0.000205	0.00315	0.000768	0.0644	0.0000462	0.00478	0.00425	0.0165
2062 Jul	78.2	0.00188	0.0009	0.000112	21.2	0.265	21.7	0.0000295	0.216	0.000245	0.0228	0.05	0.0000555	15.8	0.0000273	0.00124	0.000283	0.00498	0.0599	0.0000772	12.9	0.00611	2.65	0.0356	0.0038	1.56	0.00443	0.00642	0.000216	0.00351	0.000855	0.0697	0.0000511	0.00533	0.00472	0.0182
2062 Aug	79.1	0.00184	0.000906	0.000117	21.4	0.268	21.9	0.0000298	0.218	0.000249	0.0231	0.0506	0.0000562	15.9	0.0000276	0.00126	0.000287	0.00504	0.0607	0.000078	13	0.00618	2.67	0.036	0.00384	1.57	0.00448	0.00648	0.000218	0.00355	0.000864	0.0705	0.0000517	0.00539	0.00477	0.0184
2062 Sep	77.4	0.00178	0.000878	0.000119	21	0.263	21.5	0.0000292	0.214	0.000244	0.0226	0.0494	0.000055	15.6	0.000027	0.00123	0.00028	0.00493	0.0596	0.0000763	12.7	0.00605	2.61	0.0352	0.00376	1.54	0.00438	0.00633	0.000212	0.00347	0.000846	0.069	0.0000506	0.00527	0.00467	0.018
2062 Oct	76.6	0.00174	0.000871	0.000119	20.7	0.26	21.2	0.0000289	0.212	0.000242	0.0224	0.0489	0.0000545	15.4	0.0000268	0.00122	0.000278	0.00488	0.059	0.0000755	12.6	0.00598	2.59	0.0349	0.00372	1.52	0.00433	0.00625	0.000218	0.00343	0.000837	0.0683	0.00005	0.00522	0.00462	0.0178
2062 Nov	76.3	0.0017	0.000876	0.000119	20.7	0.259	21.2	0.0000288	0.211	0.000242	0.0223	0.0487	0.0000543	15.4	0.0000267	0.00121	0.000277	0.00486	0.0588	0.0000753	12.5	0.00596	2.58	0.0348	0.0037	1.52	0.00432	0.00623	0.000223	0.00342	0.000834	0.0681	0.0000499	0.0052	0.0046	0.0178
2062 Dec	76.3	0.0017	0.000876	0.000119	20.7	0.259	21.2	0.0000288	0.211	0.000242	0.0223	0.0487	0.0000543	15.4	0.0000267	0.00121	0.000277	0.00486	0.0588	0.0000753	12.5	0.00596	2.58	0.0348	0.00371	1.52	0.00432	0.00623	0.000223	0.00342	0.000834	0.0681	0.0000499	0.0052	0.0046	0.0178
2063 Jan	76.4	0.0017	0.000874	0.000119	20.7	0.259	21.2	0.0000288	0.211	0.000242	0.0223	0.0488	0.0000543	15.4	0.0000267	0.00121	0.000277	0.00486	0.0588	0.0000753	12.5	0.00596	2.58	0.0348	0.00371	1.52	0.00432	0.00623	0.000223	0.00342	0.000834	0.0681	0.0000499	0.0052	0.00461	0.0178
2063 Feb	76.4	0.0017	0.000875	0.000119	20.7	0.259	21.2	0.0000288	0.211	0.000242	0.0223	0.0488	0.0000543	15.4	0.0000267	0.00121	0.000277	0.00486	0.0588	0.0000753	12.5	0.00597	2.58	0.0348	0.00371	1.52	0.00432	0.00623	0.000223	0.00342	0.000834	0.0681	0.0000499	0.0052	0.00461	0.0178
2063 Mar	76.4	0.0017	0.000874	0.000119	20.7	0.259	21.2	0.0000288	0.211	0.000242	0.0223	0.0488	0.0000543	15.4	0.0000267	0.00121	0.000277	0.00486	0.0589	0.0000753	12.5	0.00597	2.58	0.0348	0.00371	1.52	0.00432	0.00623	0.000223	0.00342	0.000835	0.0681	0.0000499	0.0052	0.00461	0.0178
2063 Apr	76.5	0.00171	0.000881	0.00012	20.7	0.26	21.2	0.0000289	0.211	0.000242	0.0224	0.0489	0.0000544	15.4	0.0000268	0.00122	0.000278	0.00487	0.059	0.0000755	12.6	0.00598	2.59	0.0348	0.00371	1.52	0.00433	0.00627	0.000224	0.00343	0.000836	0.0682	0.00005	0.00521	0.00462	0.0178
2063 May	78.2	0.00162	0.000827	0.000113	21.2	0.266	21.7	0.0000296	0.217	0.000244	0.0229	0.0501	0.0000558	15.8	0.0000275	0.00125	0.000284	0.005	0.0604	0.0000775	12.9	0.00613	2.63	0.0358	0.00382	1.55	0.00444	0.00645	0.000227	0.00352	0.000859	0.0697	0.0000513	0.00535	0.00474	0.0183
2063 Jun	75.4	0.00189	0.000899	0.000116	20.4	0.255	20.9	0.0000284	0.208	0.000239	0.0219	0.0481	0.0000535	15.2	0.0000263	0.00119	0.000273	0.00479	0.0576	0.0000742	12.4	0.00587	2.56	0.0342	0.00365	1.5	0.00426	0.00619	0.000211	0.00337	0.000821	0.0672	0.0000491	0.00512	0.00454	0.0175
2063 Jul	75.3	0.00231	0.0011	0.000136	20.3	0.252	20.7	0.000028	0.204	0.000247	0.0218	0.0477	0.0000529	15.1	0.0000259	0.00117	0.000271	0.00471	0.0568	0.0000728	12.2	0.00578	2.58	0.0336	0.00358	1.52	0.00421	0.00616	0.000207	0.00331	0.000807	0.067	0.0000484	0.00502	0.00446	0.0172
2063 Aug	76.4	0.00224	0.00109	0.000139	20.6	0.256	21	0.0000285	0.208	0.000251	0.0221	0.0484	0.0000538	15.3	0.0000263	0.00119	0.000276	0.00478	0.0579	0.0000741	12.4	0.00588	2.61	0.0342	0.00364	1.54	0.00428	0.00625	0.00021	0.00336	0.00082	0.068	0.0000492	0.00511	0.00453	0.0175
2063 Sep	74.2	0.00227	0.0011	0.000147	20	0.248	20.3	0.0000276	0.201	0.000247	0.0215	0.0468	0.0000522	14.9	0.0000254	0.00115	0.000267	0.00462	0.0562	0.0000715	11.9	0.00568	2.54	0.033	0.00351	1.5	0.00414	0.00605	0.000203	0.00325	0.000792	0.066	0.0000476	0.00493	0.00438	0.0169
2063 Oct	72.9	0.0023	0.00114	0.000153	19.6	0.243	19.9	0.0000271	0.196	0.000246	0.0211	0.0459	0.0000512	14.6	0.000025	0.00113	0.000263	0.00453	0.0551	0.00007	11.7	0.00557	2.51	0.0323	0.00344	1.48	0.00405	0.00593	0.000208	0.00318	0.000775	0.0648	0.0000467	0.00482	0.00429	0.0166
2063 Nov	72.5	0.0023	0.00116	0.000155	19.5	0.241	19.8	0.0000269	0.195	0.000246	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.00449	0.0547	0.0000694	11.6	0.00553	2.5	0.032	0.00341	1.47	0.00402	0.00589	0.000212	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2063 Dec	72.5	0.0023	0.00116	0.000155	19.5	0.241	19.8	0.0000269	0.195	0.000246	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.00449	0.0547	0.0000694	11.6	0.00553	2.5	0.032	0.00341	1.47	0.00402	0.00589	0.000212	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2064 Jan	72.5	0.0023	0.00116	0.000155	19.5	0.241	19.8	0.0000269	0.195	0.000246	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.00449	0.0547	0.0000694	11.6	0.00553	2.5	0.032	0.00341	1.47	0.00402	0.00589	0.000212	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2064 Feb	72.6	0.0023	0.00115	0.000155	19.5	0.241	19.8	0.0000269	0.195	0.000246	0.021	0.0456	0.0000509	14.5	0.0000248	0.00112	0.000261	0.00449	0.0548	0.0000695	11.6	0.00553	2.5	0.032	0.00341	1.47	0.00403	0.00589	0.000212	0.00315	0.00077	0.0645	0.0000463	0.00478	0.00426	0.0165
2064 Mar	72.7	0.00228	0.00115	0.000154	19.5	0.242	19.8	0.000027	0.195	0.000246	0.021	0.0457	0.000051	14.5	0.0000249	0.00112	0.000262	0.0045	0.0549	0.0000696	11.6	0.00554	2.5	0.0321	0.00342	1.47	0.00403	0.0059	0.000212	0.00316	0.000771	0.0646	0.0000464	0.00479	0.00427	0.0165
2064 Apr	72.9	0.00229	0.00115	0.000154	19.6	0.243	19.9	0.0000271	0.196	0.000246	0.0211	0.0459	0.0000511	14.6	0.000025	0.00113	0.000263	0.00452	0.0551	0.0000699	11.7	0.00556	2.51	0.0322	0.00343	1.48	0.00405	0.00595	0.000213	0.00317	0.000774	0.0648	0.0000466	0.00481	0.00428	0.0166
2064 May	74.8	0.00216	0.00108	0.000146	20.1	0.25	20.5	0.0000279	0.203	0.000248	0.0217	0.0472	0.0000527	15	0.0000257	0.00116	0.00027	0.00467	0.0568	0.0000722	12.1	0.00574	2.56	0.0333	0.00355	1.51	0.00417	0.00614	0.000217	0.00328	0.0008	0.0665	0.0000481	0.00498	0.00443	0.0171
2064 Jun	75.2	0.0019	0.0009	0.000115	20.4	0.255	20.8	0.0000282	0.209	0.000238	0.0219	0.048	0.0000533	15.1	0.0000262	0.00119	0.000272	0.00477	0.0574	0.000074	12.3	0.00586	2.55	0.0341	0.00364	1.5	0.00425	0.00617	0.000209	0.00336	0.000819	0.067	0.000049	0.00511	0.00452	0.0174
2064 Jul	75.3	0.00231	0.00109	0.000134	20.3	0.252	20.7	0.000028	0.206	0.000246	0.0217	0.0477	0.0000529	15.1	0.0000258	0.00117	0.000271	0.00471	0.0567	0.0000728	12.2	0.00578	2.58	0.0336	0.00358	1.52	0.00421	0.00616	0.000206	0.00331	0.000807	0.0669	0.0000484	0.00502	0.00446	0.0172
2064 Aug	76.2	0.00225	0.00109	0.000138	20.5	0.255	20.9	0.0000284	0.208	0.00025	0.022	0.0482	0.0000536	15.3	0.0000262	0.00119	0.000275	0.00477	0.0576	0.0000738	12.3	0.00586	2.61	0.034	0.00363	1.53	0.00427	0.00623	0.000208	0.00335	0.000817	0.0678	0.0000491	0.00509	0.00452	0.0174
2064 Sep	73.8	0.00225	0.00109	0.000144	19.9	0.247	20.2	0.0000275	0.201	0.000245	0.0214	0.0466	0.000052	14.8	0.0000253	0.00115	0.000266	0.0046	0.056	0.0000713	11.9	0.00566	2.53	0.0329	0.0035	1.49	0.00412	0.00602	0.000201	0.00323	0.000789	0.0657	0.0000475	0.00491	0.00437	0.0169
2064 Oct	72.2	0.00228	0.00111	0.00015	19.4	0.24	19.7	0.0000268	0.196	0.000243	0.0209	0.0454	0.0000507	14.4	0.0000247	0.00112	0.00026	0.00448	0.0546	0.0000693	11.6	0.00551	2.48	0.032	0.0034	1.46	0.00401	0.00586	0.000206	0.00315	0.000768	0.0642	0.0000462	0.00477	0.00425	0.0164
2064 Nov	71.7	0.00227	0.00114	0.000153	19.3	0.238	19.6	0.0000266	0.194	0.000242	0.0207	0.045	0.0000503	14.3	0.0000245	0.00111	0.000258	0.00444	0.0541	0.0000686	11.5	0.00546	2.47	0.0316	0.00337	1.45	0.00398	0.00581	0.000212	0.00311	0.00076	0.0637	0.0000458	0.00472	0.00421	0.0163
2064 Dec	71.8	0.00225	0.00113	0.000151	19.3	0.239	19.6	0.0000266	0.194	0.000242	0.0207	0.0452	0.0000504	14.4	0.0000246	0.00111	0.000259	0.00445	0.0543	0.0000688	11.5	0.00548	2.47	0.0317	0.00338	1.45	0.00399	0.00582	0.000212	0.00312	0.000762	0.0638	0.0000459	0.00474	0.00422	0.0163
2065 Jan	71.9	0.00224	0.00112	0.000151	19.3	0.239	19.6	0.0000267	0.195	0.000242	0.0208	0.0452	0.0000505	14.4	0.0000246	0.00111	0.000259	0.00446	0.0544	0.000069	11.5	0.00549	2.47	0.0318	0.00339	1.46	0.00399	0.00583	0.000212	0.00313	0.000764	0.0639	0.000046	0.00475	0.00423	0.0164
2065 Feb	72.1	0.00221	0.00111	0.000149	19.4	0.24	19.7	0.0000268	0.195	0.000242	0.0208	0.0454	0.0000506	14.4	0.0000247	0.00112	0.00026	0.00448	0.0545	0.0000692	11.6	0.00551	2.47	0.0319	0.0034	1.46	0.00401	0.00585	0.000213	0.00314	0.000767	0.0641	0.0000462	0.00477	0.00424	0.0164
2065 Mar	72.3	0.00218	0.0011	0.000147	19.5	0.241	19.8	0.0000269	0.196	0.000242	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.0045	0.0548	0.0000696	11.6	0.00553	2.48	0.0321	0.00342	1.46	0.00403	0.00587	0.000213	0.00316	0.000771	0.0643	0.0000464	0.00479	0.00426	0.0165
2065 Apr	72.7	0.00217	0.00109	0.000146	19.6	0.243	19.9	0.0000271	0.198	0.000242	0.021	0.0458	0.0000511	14.6	0.000025	0.00113	0.000262	0.00453	0.0551	0.00007	11.7	0.00557	2.49	0.0323	0.00344	1.47	0.00405	0.00593	0.000214	0.00318	0.000776	0.0646	0.0000467	0.00483	0.00429	0.0166
2065 May	75	0.00199	0.000991	0.000134	20.2	0.252	20.7	0.0000281	0.207	0.000244	0.0218	0.0476	0.0000531	15.1	0.000026	0.00118	0.000271	0.00472	0.0573	0.0000731	12.2	0.0058	2.55	0.0337	0.00359	1.5	0.00421	0.00616	0.000219	0.00332	0.00081	0.0668	0.0000486	0.00504	0.00447	0.0173
2065 Jun	72.2	0.00236	0.00112	0.000144	19.4	0.24	19.7	0.0000268	0.196	0.000241	0.0208	0.0455	0.0000506	14.4	0.0000247	0.00112	0.00026	0.00448	0.0542	0.0000693	11.6	0.00551	2.48	0.0319	0.0034	1.46	0.00402	0.0059	0.000204	0.00314	0.000767	0.0641	0.0000462	0.00477	0.00424	0.0164
2065 Jul	72.5	0.00274	0.0013	0.000162	19.4	0.239	19.7	0.0000266	0.194	0.00025	0.0208	0.0453	0.0000504	14.5	0.0000245	0.00111	0.00026	0.00444	0.0538	0.0000686	11.5	0.00546	2.51	0.0316	0.00336	1.48	0.004	0.00591	0.000201	0.00311	0.000759	0.0643	0.0000458	0.00472	0.0042	0.0163
2065 Aug	73.7	0.00268	0.0013	0.000166	19.7	0.243	20	0.0000271	0.197	0.000254	0.0211	0.0461	0.0000513	14.7	0.0000249	0.00113	0.000264	0.00451	0.0549	0.0000698	11.7	0.00556	2.55	0.0322	0.00342	1.51	0.00407	0.006	0.000204	0.00316	0.000773	0.0654	0.0000466	0.0048	0.00428	0.0166
2065 Sep	72.1	0.00265	0.00128	0.000169	19.3	0.238	19.5	0.0000266	0.193	0.00025	0.0207	0.045	0.0000502	14.4	0.0000243	0.0011	0.000258	0.00441	0.0539	0.0000682	11.4	0.00544	2.5	0.0314	0.00334	1.47	0.00397	0.00586	0.000198	0.00309	0.000755	0.064	0.0000456	0.00469	0.00418	0.0162
2065 Oct	71.8	0.0025	0.00122	0.000162	19.3	0.238	19.5	0.0000266	0.193	0.000247	0.0207	0.045	0.0000502	14.3	0.0000244	0.0011	0.000258	0.00442	0.0539	0.0000683	11.4	0.00544	2.48	0.0315	0.00335	1.46	0.00397	0.00583	0.000206	0.0031	0.000756	0.0638	0.0000456	0.0047	0.00419	0.0162

Appendix C7: Whale Tail WRSPF Pond

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2065 Nov	71.9	0.00242	0.0012	0.00016	19.3	0.238	19.6	0.0000266	0.194	0.000246	0.0207	0.0451	0.0000503	14.4	0.0000245	0.0011	0.000259	0.00443	0.054	0.0000685	11.5	0.00546	2.48	0.0316	0.00336	1.46	0.00398	0.00583	0.000212	0.00311	0.000759	0.0639	0.0000457	0.00471	0.0042	0.0163
2065 Dec	72.5	0.00233	0.00116	0.000154	19.5	0.241	19.8	0.0000269	0.197	0.000245	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.00449	0.0547	0.0000694	11.6	0.00552	2.49	0.032	0.00341	1.47	0.00402	0.00589	0.000213	0.00315	0.000769	0.0644	0.0000463	0.00478	0.00425	0.0165
2066 Jan	72.9	0.00226	0.00112	0.000149	19.6	0.243	19.9	0.0000271	0.199	0.000244	0.0211	0.0459	0.0000512	14.6	0.000025	0.00113	0.000263	0.00453	0.0551	0.0000701	11.7	0.00557	2.5	0.0323	0.00344	1.48	0.00406	0.00593	0.000214	0.00318	0.000776	0.0648	0.0000467	0.00483	0.00429	0.0166
2066 Feb	73.2	0.00221	0.0011	0.000146	19.7	0.245	20.1	0.0000273	0.2	0.000244	0.0212	0.0462	0.0000515	14.7	0.0000252	0.00114	0.000264	0.00456	0.0555	0.0000706	11.8	0.00561	2.51	0.0326	0.00347	1.48	0.00408	0.00596	0.000214	0.0032	0.000782	0.0651	0.000047	0.00486	0.00432	0.0167
2066 Mar	73.6	0.00215	0.00107	0.000142	19.8	0.246	20.2	0.0000274	0.202	0.000244	0.0213	0.0465	0.0000518	14.8	0.0000253	0.00115	0.000266	0.0046	0.0558	0.0000711	11.9	0.00565	2.52	0.0328	0.0035	1.48	0.00411	0.00599	0.000215	0.00323	0.000788	0.0655	0.0000473	0.0049	0.00436	0.0169
2066 Apr	74.1	0.00213	0.00106	0.000141	20	0.248	20.3	0.0000276	0.204	0.000244	0.0215	0.0468	0.0000522	14.9	0.0000255	0.00116	0.000268	0.00464	0.0563	0.0000717	12	0.0057	2.53	0.0331	0.00352	1.49	0.00414	0.00606	0.000216	0.00326	0.000794	0.0659	0.0000477	0.00494	0.00439	0.017
2066 May	75.5	0.00207	0.00102	0.000137	20.4	0.254	20.8	0.0000283	0.209	0.000246	0.0219	0.0479	0.0000534	15.2	0.0000261	0.00118	0.000273	0.00475	0.0575	0.0000734	12.3	0.00583	2.58	0.0339	0.00361	1.52	0.00424	0.00622	0.000219	0.00334	0.000814	0.0672	0.0000488	0.00507	0.0045	0.0174
2066 Jun	73.3	0.00227	0.00107	0.000137	19.7	0.245	20.1	0.0000273	0.201	0.000242	0.0212	0.0463	0.0000515	14.7	0.0000252	0.00114	0.000264	0.00457	0.0553	0.0000708	11.8	0.00562	2.51	0.0326	0.00348	1.48	0.0041	0.00601	0.000206	0.00321	0.000784	0.0651	0.0000471	0.00488	0.00433	0.0168
2066 Jul	73.2	0.00268	0.00126	0.000156	19.6	0.242	19.9	0.000027	0.198	0.00025	0.021	0.0459	0.000051	14.6	0.0000248	0.00112	0.000263	0.0045	0.0545	0.0000696	11.7	0.00554	2.53	0.0321	0.00342	1.49	0.00405	0.00599	0.000202	0.00316	0.000771	0.065	0.0000464	0.00479	0.00427	0.0165
2066 Aug	74.4	0.0026	0.00125	0.000159	20	0.247	20.3	0.0000275	0.202	0.000253	0.0214	0.0467	0.0000519	14.9	0.0000253	0.00114	0.000267	0.00459	0.0556	0.0000709	11.9	0.00564	2.57	0.0327	0.00348	1.52	0.00413	0.00608	0.000205	0.00322	0.000785	0.0661	0.0000473	0.00488	0.00435	0.0168
2066 Sep	73.1	0.00245	0.00118	0.000156	19.6	0.243	19.9	0.0000271	0.199	0.000247	0.0211	0.0459	0.0000512	14.6	0.0000249	0.00113	0.000263	0.00452	0.055	0.0000698	11.7	0.00556	2.52	0.0322	0.00343	1.48	0.00405	0.00596	0.0002	0.00317	0.000774	0.0649	0.0000466	0.00481	0.00428	0.0166
2066 Oct	72	0.00238	0.00116	0.000155	19.3	0.239	19.6	0.0000267	0.196	0.000244	0.0208	0.0452	0.0000504	14.4	0.0000246	0.00111	0.000259	0.00445	0.0543	0.0000688	11.5	0.00548	2.48	0.0317	0.00338	1.46	0.00399	0.00585	0.000207	0.00312	0.000762	0.064	0.0000459	0.00474	0.00422	0.0163
2066 Nov	71.9	0.00233	0.00116	0.000154	19.3	0.239	19.6	0.0000266	0.196	0.000244	0.0207	0.0451	0.0000503	14.4	0.0000246	0.00111	0.000259	0.00445	0.0542	0.0000687	11.5	0.00547	2.47	0.0317	0.00337	1.46	0.00398	0.00584	0.000213	0.00312	0.000761	0.0639	0.0000458	0.00473	0.00421	0.0163
2066 Dec	72.1	0.00229	0.00114	0.000152	19.4	0.24	19.7	0.0000267	0.197	0.000243	0.0208	0.0453	0.0000505	14.4	0.0000247	0.00111	0.00026	0.00447	0.0544	0.000069	11.5	0.0055	2.48	0.0318	0.00339	1.46	0.004	0.00586	0.000213	0.00313	0.000765	0.0641	0.000046	0.00475	0.00423	0.0164
2067 Jan	72.4	0.00225	0.00112	0.000149	19.5	0.241	19.8	0.0000269	0.198	0.000243	0.0209	0.0456	0.0000508	14.5	0.0000248	0.00112	0.000261	0.0045	0.0547	0.0000695	11.6	0.00553	2.49	0.0321	0.00341	1.46	0.00402	0.00588	0.000214	0.00315	0.00077	0.0643	0.0000463	0.00479	0.00426	0.0165
2067 Feb	72.7	0.0022	0.00109	0.000146	19.6	0.243	19.9	0.0000271	0.2	0.000243	0.021	0.0459	0.0000511	14.6	0.000025	0.00113	0.000262	0.00453	0.0551	0.00007	11.7	0.00557	2.49	0.0323	0.00344	1.47	0.00405	0.00592	0.000215	0.00318	0.000776	0.0647	0.0000467	0.00483	0.00429	0.0166
2067 Mar	73.1	0.00215	0.00107	0.000142	19.7	0.244	20	0.0000272	0.201	0.000242	0.0212	0.0462	0.0000515	14.7	0.0000252	0.00114	0.000264	0.00457	0.0555	0.0000706	11.8	0.00561	2.5	0.0326	0.00347	1.47	0.00408	0.00595	0.000215	0.00321	0.000782	0.065	0.000047	0.00487	0.00433	0.0167
2067 Apr	73.6	0.00211	0.00105	0.00014	19.8	0.247	20.2	0.0000275	0.203	0.000243	0.0213	0.0465	0.0000519	14.8	0.0000254	0.00115	0.000266	0.00461	0.0559	0.0000713	11.9	0.00566	2.52	0.0329	0.0035	1.48	0.00411	0.00603	0.000216	0.00324	0.00079	0.0655	0.0000474	0.00491	0.00437	0.0169
2067 May	76.3	0.00186	0.000921	0.000124	20.6	0.258	21.1	0.0000287	0.214	0.000244	0.0222	0.0486	0.0000542	15.4	0.0000266	0.00121	0.000277	0.00484	0.0585	0.0000749	12.5	0.00594	2.59	0.0346	0.00369	1.52	0.00431	0.0063	0.000222	0.00341	0.00083	0.068	0.0000497	0.00517	0.00459	0.0177
2067 Jun	72.6	0.00235	0.00111	0.000143	19.5	0.242	19.9	0.000027	0.199	0.000242	0.021	0.0458	0.0000509	14.5	0.0000249	0.00113	0.000261	0.00451	0.0546	0.0000698	11.7	0.00555	2.49	0.0322	0.00343	1.47	0.00405	0.00595	0.000205	0.00317	0.000773	0.0645	0.0000465	0.00481	0.00428	0.0165
2067 Jul	72.5	0.0028	0.00132	0.000164	19.4	0.238	19.6	0.0000266	0.195	0.00025	0.0207	0.0453	0.0000503	14.4	0.0000244	0.0011	0.000259	0.00443	0.0537	0.0000684	11.5	0.00545	2.52	0.0315	0.00335	1.48	0.00399	0.00592	0.000201	0.0031	0.000757	0.0643	0.0000457	0.0047	0.00419	0.0162
2067 Aug	74.6	0.00251	0.00121	0.000154	20	0.248	20.3	0.0000276	0.204	0.000252	0.0215	0.0469	0.0000521	14.9	0.0000254	0.00115	0.000268	0.00461	0.0559	0.0000713	11.9	0.00567	2.57	0.0329	0.0035	1.52	0.00414	0.0061	0.000206	0.00324	0.00079	0.0662	0.0000475	0.00491	0.00437	0.0169
2067 Sep	72.9	0.00242	0.00116	0.000155	19.6	0.242	19.9	0.000027	0.199	0.000247	0.021	0.0458	0.0000511	14.6	0.0000249	0.00112	0.000262	0.00451	0.0549	0.0000697	11.7	0.00555	2.51	0.0322	0.00342	1.48	0.00405	0.00595	0.000201	0.00316	0.000773	0.0648	0.0000465	0.0048	0.00428	0.0165
2067 Oct	71.5	0.00242	0.00118	0.000158	19.2	0.237	19.5	0.0000265	0.195	0.000244	0.0206	0.0448	0.00005	14.3	0.0000244	0.0011	0.000257	0.00441	0.0538	0.0000681	11.4	0.00543	2.46	0.0314	0.00334	1.45	0.00395	0.00581	0.000207	0.00309	0.000755	0.0635	0.0000455	0.00469	0.00418	0.0162
2067 Nov	71.6	0.00234	0.00116	0.000156	19.2	0.237	19.5	0.0000265	0.196	0.000243	0.0207	0.0449	0.0000501	14.3	0.0000245	0.0011	0.000258	0.00442	0.0539	0.0000683	11.4	0.00544	2.47	0.0315	0.00336	1.45	0.00396	0.00581	0.000213	0.0031	0.000757	0.0636	0.0000456	0.00471	0.00419	0.0162
2067 Dec	71.9	0.00229	0.00113	0.000152	19.3	0.239	19.6	0.0000267	0.197	0.000243	0.0208	0.0452	0.0000505	14.4	0.0000246	0.00111	0.000259	0.00446	0.0543	0.0000689	11.5	0.00549	2.47	0.0318	0.00338	1.46	0.00399	0.00585	0.000213	0.00313	0.000764	0.0639	0.000046	0.00475	0.00422	0.0164
2068 Jan	72.2	0.00224	0.00111	0.000149	19.4	0.241	19.8	0.0000269	0.199	0.000243	0.0209	0.0455	0.0000507	14.5	0.0000248	0.00112	0.000261	0.00449	0.0546	0.0000694	11.6	0.00552	2.48	0.032	0.00341	1.46	0.00402	0.00588	0.000214	0.00315	0.000769	0.0642	0.0000463	0.00478	0.00425	0.0165
2068 Feb	72.5	0.0022	0.00109	0.000146	19.5	0.242	19.9	0.000027	0.2	0.000242	0.021	0.0457	0.000051	14.5	0.0000249	0.00113	0.000262	0.00452	0.0549	0.0000698	11.7	0.00556	2.49	0.0322	0.00343	1.47	0.00404	0.0059	0.000214	0.00317	0.000774	0.0645	0.0000465	0.00481	0.00428	0.0166
2068 Mar	72.8	0.00216	0.00107	0.000144	19.6	0.243	20	0.0000272	0.201	0.000242	0.0211	0.046	0.0000513	14.6	0.0000251	0.00113	0.000263	0.00455	0.0553	0.0000703	11.7	0.00559	2.49	0.0324	0.00345	1.47	0.00406	0.00593	0.000215	0.00319	0.000779	0.0648	0.0000468	0.00484	0.00431	0.0167
2068 Apr	73.3	0.00213	0.00106	0.000142	19.7	0.245	20.1	0.0000273	0.203	0.000243	0.0212	0.0463	0.0000516	14.7	0.0000253	0.00114	0.000265	0.00458	0.0557	0.0000708	11.8	0.00563	2.51	0.0327	0.00348	1.48	0.00409	0.006	0.000216	0.00322	0.000785	0.0652	0.0000472	0.00488	0.00434	0.0168
2068 May	75.5	0.00196	0.00097	0.000131	20.4	0.254	20.8	0.0000283	0.212	0.000244	0.022	0.048	0.0000535	15.2	0.0000262	0.00119	0.000273	0.00476	0.0577	0.0000737	12.3	0.00585	2.57	0.034	0.00363	1.51	0.00424	0.00623	0.000221	0.00335	0.000817	0.0672	0.000049	0.00509	0.00451	0.0174
2068 Jun	72.4	0.00234	0.0011	0.000142	19.5	0.242	19.8	0.0000269	0.2	0.000241	0.0209	0.0457	0.0000508	14.5	0.0000248	0.00112	0.00026	0.0045	0.0545	0.0000696	11.6	0.00554	2.49	0.0321	0.00342	1.47	0.00404	0.00594	0.000205	0.00316	0.000772	0.0644	0.0000464	0.0048	0.00427	0.0165
2068 Jul	72.6	0.00272	0.00128	0.000161	19.5	0.24	19.7	0.0000267	0.197	0.000249	0.0208	0.0454	0.0000505	14.5	0.0000245	0.00111	0.00026	0.00445	0.0539	0.0000687	11.5	0.00548	2.52	0.0317	0.00337	1.48	0.00401	0.00594	0.000201	0.00312	0.000761	0.0644	0.0000459	0.00473	0.00422	0.0163
2068 Aug	73.9	0.00267	0.00128	0.000164	19.8	0.244	20.1	0.0000272	0.201	0.000253	0.0212	0.0463	0.0000515	14.7	0.000025	0.00113	0.000265	0.00453	0.0551	0.00007	11.7	0.00558	2.56	0.0323	0.00344	1.51	0.00408	0.00604	0.000204	0.00318	0.000776	0.0655	0.0000468	0.00482	0.0043	0.0166
2068 Sep	72	0.00261	0.00125	0.000166	19.3	0.238	19.6	0.0000266	0.196	0.000248	0.0207	0.0451	0.0000502	14.4	0.0000244	0.0011	0.000258	0.00442	0.0539	0.0000683	11.4	0.00544	2.49	0.0315	0.00335	1.47	0.00397	0.00587	0.000198	0.0031	0.000756	0.0639	0.0000456	0.0047	0.00419	0.0162
2068 Oct	70.6	0.0026	0.00125	0.000169	18.9	0.233	19.2	0.000026	0.192	0.000246	0.0203	0.0441	0.0000492	14.1	0.0000239	0.00108	0.000254	0.00432	0.0529	0.0000667	11.2	0.00533	2.45	0.0308	0.00327	1.44	0.00389	0.00574	0.000204	0.00303	0.00074	0.0627	0.0000447	0.00459	0.0041	0.0159
2068 Nov	70.6	0.00255	0.00125	0.000168	18.9	0.233	19.1	0.000026	0.191	0.000245	0.0203	0.0441	0.0000492	14.1	0.0000239	0.00108	0.000254	0.00432	0.0528	0.0000667	11.2	0.00532	2.45	0.0308	0.00327	1.44	0.00388	0.00573	0.00021	0.00303	0.000739	0.0626	0.0000446	0.00459	0.00409	0.0159
2068 Dec	70.8	0.00251	0.00123	0.000165	19	0.234	19.2	0.0000261	0.193	0.000245	0.0204	0.0443	0.0000494	14.1	0.0000241	0.00108	0.000255	0.00435	0.0531	0.0000671	11.2	0.00535	2.45	0.0309	0.00329	1.45	0.0039	0.00575	0.00021	0.00304	0.000743	0.0629	0.0000449	0.00461	0.00412	0.016
2069 Jan	71	0.00248	0.00122	0.000163	19	0.235	19.3	0.0000263	0.194	0.000245	0.0205	0.0444	0.0000496	14.2	0.0000242	0.00109	0.000255	0.00437	0.0533	0.0000674	11.3	0.00538	2.46	0.0311	0.00331	1.45	0.00392	0.00577	0.000211	0.00306	0.000747	0.0631	0.0000451	0.00464	0.00414	0.016
2069 Feb	71.3	0.00244	0.0012	0.000161	19.1	0.236	19.4	0.0000264	0.195	0.000244	0.0205	0.0447	0.0000498	14.2	0.0000243	0.00109	0.000256	0.00439	0.0536	0.0000678	11.3	0.00541	2.46	0.0313	0.00333	1.45	0.00394	0.00579	0.000211	0.00308	0.000751	0.0633	0.0000453	0.00467	0.00416	0.0161
2069 Mar	71.6	0.0024	0.00118	0.000158	19.2	0.237	19.5	0.0000265	0.196	0.000244	0.0206	0.0449	0.0000501	14.3	0.0000244	0.0011	0.000258	0.00442	0.0539	0.0000682	11.4	0.00544	2.47	0.0315	0.00335	1.46	0.00396	0.00582	0.000212	0.0031	0.000756	0.0636	0.0000456	0.0047	0.00419	0.0162
2069 Apr	71.9	0.00239	0.00117	0.000158	19.3	0.238	19.6	0.0000266	0.197	0.000245	0.0207	0.0451	0.0000503	14.4	0.0000245	0.00111	0.000259	0.00444	0.0541	0.0000686	11.5	0.00546	2.48	0.0316	0.00337	1.46	0.00398	0.00588	0.000212	0.00311	0.00076	0.0638	0.0000458	0.00472	0.00421	0.0163
2069 May	73.1	0.00238	0.00116	0.000157	19.6	0.243	20	0.0000271	0.201	0.000248	0.0211	0.0459	0.0000513	14.6	0.000025	0.00113	0.000263	0.00453	0.0551	0.0000699	11.7	0.00557	2.52	0.0323	0.00343	1.48	0.00406	0.00602	0.000215	0.00317	0.000775	0.0649	0.0000467	0.00482	0.00429	0.0166
2069 Jun	69.8	0.00279	0.00131	0.000171	18.6	0.229	18.9	0.0000256	0.188	0.000245	0.02	0.0435	0.0000484	13.9	0.0000235	0.00106	0.00025	0.00424	0.0517	0.0000655	11	0.00523	2.43	0.0302	0.00321	1.44	0.00383	0.00571	0.000199	0.00297	0.000726	0.0619	0.0000439	0.0045	0.00402	0.0156
2069 Jul	70	0.00318	0.00149	0.000189	18.6	0.227	18.7	0.0000254	0.185	0.000253	0.0199	0.0432	0.0000481	13.9	0.0000232	0.00104	0.000249	0.00419	0.0511	0.0000646	10.9	0.00517	2.46	0.0297	0.00316	1.45	0.0038	0.00571	0.000196	0.00293	0.000716	0.0619	0.0000434	0.00443	0.00397	0.0154
2069 Aug	71.6	0.00306	0.00146	0.000189	19.1	0.233	19.2	0.0000261	0.191	0.000257	0.0204	0.0443	0.0000494	14.2	0.0000238	0.00107	0.000256	0.00431	0.0526	0.0000664	11.2	0.00532	2.51	0.0306	0.00326	1.48	0.0039	0.00584	0.000199	0.00301	0.000736	0.0634	0.0000446	0.00456	0.00408	0.0158
2069 Sep	70.7	0.00289	0.00138	0.000184	18.9	0.231	19	0.0000259	0.19	0.000252	0.0202	0.0439	0.000049	14.1	0.0000236	0.00107	0.000253	0.00428	0.0524	0.000066	11.1	0.00528	2.47	0.0304	0.00323	1.46	0.00386	0.00576	0.000196	0.00299	0.000731	0.0626	0.0000443	0.00453	0.00405	0.0157
2069 Oct	70.2	0.00279	0.00134	0.00018	18.7	0.23	18.9	0.0000258	0.189	0.000249	0.0201	0.0436	0.0000487	14	0.0000236	0.00106	0.000251	0.00426	0.0521	0.0000657	11	0.00525	2.45	0.0303	0.00322	1.44	0.00384	0.0057	0.000203	0.00298	0.000728	0.0622	0.000044	0.00451	0.00403	0.0157
2069 Nov	70.1	0.00273	0.00134	0.000179	18.7	0.23	18.9	0.0000257	0.189	0.000248	0.0201	0.0436	0.0000486	14	0.0000236	0.00106	0.000251	0.00426	0.0521	0.0000656	11	0.00525	2.44	0.0303	0.00322	1.44	0.00384	0.00569	0.000208	0.00298	0.000727	0.0622	0.000044	0.00451	0.00403	0.0157
2069 Dec	70.2	0.00272	0.00133	0.000178	18.8	0.23	18.9	0.0000258	0.19	0.000248	0.0201	0.0436	0.0000487	14	0.0000236	0.00106	0.000252	0.00426	0.0522	0.0000658	11	0.00526	2.45	0.0303	0.00322	1.44	0.00384	0.0057	0.000208	0.00298	0.000729	0.0622	0.0000441	0.00452	0.00404	0.0157
2070 Jan	70.3	0.0027	0.00133	0.000177	18.8	0.23	19	0.0000258	0.19	0.000248	0.0202	0.0437	0.0000488	14	0.0000237	0.00106	0.000252	0.00427	0.0523	0.0000659	11.1	0.00527	2.45	0.0304	0.00323	1.44	0.00385	0.00571	0.000208	0.00299	0.00073	0.0623	0.0000442	0.00453	0.00405	0.0157
2070 Feb	70.3	0.0027	0.00132	0.000177	18.8	0.231	19	0.0000258	0.19	0.000248	0.0202	0.0437	0.0000489	14	0.0000237	0.00107	0.000252	0.00428	0.0524	0.000066	11.1	0.00527	2.45	0.0304	0.00323	1.44	0.00386	0.00571	0.000208	0.00299	0.000731	0.0624	0.0000442	0.00454	0.00405	0.0157
2070 Mar	70.4	0.00269	0.00132	0.000176	18.8	0.231	19	0.0000259	0.19	0.000248	0.0202	0.0438	0.0000489	14	0.0000237	0.00107	0.000253	0.00428	0.0524	0.0000661	11.1	0.00528	2.45	0.0305	0.00324	1.45	0.00386	0.00572	0.000208	0.003	0.000732	0.0624	0.0000443	0.00454	0.00406	0.0158
2070 Apr	70.7	0.00268	0.00131	0.000176	18.9	0.232	19.1	0.000026	0.192	0.000249	0.0203	0.044	0.0000492	14.1	0.0000239	0.00107	0.000254	0.00431	0.0527	0.0000665	11.1	0.00531	2.46	0.0306	0.00326	1.45	0.00388	0.00578	0.000209	0.00301	0.000737	0.0627	0.0000445	0.00457	0.00408	0.0158
2070 May	72.6	0.00256	0.00125	0.000168	19.4	0.24	19.7	0.0000268	0.199	0.000251	0.0209	0.0454	0.0000507	14.5	0.0000247	0.00111	0.000261	0.00446	0.0544	0.0000688	11.5	0.00549	2.51	0.0317	0.00338	1.48	0.00401	0.00598	0.000213	0.00312	0.000763	0.0644	0.000046	0.00474	0.00422	0.0164
2070 Jun	69	0.00301	0.00142	0.000185	18.4	0.224	18.5	0.0000252	0.184	0.000248	0.0197	0.0427	0.0000475	13.7	0.000023	0.00103	0.000246	0.00415	0.0506	0.0000639	10.7	0.00512	2.42	0.0294	0.00313	1.43	0.00376	0.00565	0.000197	0.0029	0.000708	0.0611	0.0000429	0.00439	0.00393	0.0153
2070 Jul	69.1	0.00342	0.00161	0.000204	18.3	0.222	18.4	0.0000249	0.181	0.000257	0.0195	0.0424	0.0000472	13.7	0.0000227	0.00102	0.000246	0.00408	0.05	0.0000629	10.6	0.00505	2.45	0.0289	0.00308	1.45	0.00373	0.00564	0.000193	0.00285	0.000697	0.0611	0.0000424	0.00431	0.00387	0.0151
2070 Aug	70.4	0.0033	0.00158	0.000204	18.7	0.227	18.8	0.0000255	0.186	0.00026	0.02	0.0433	0.0000482	13.9	0.0000232	0.00104	0.000251	0.00418	0.0513	0.0000645	10.8	0.00517	2.49	0.0297	0.00315	1.47	0.00381	0.00574	0.000196	0.00292	0.000714	0.0623	0.0000434	0.00442	0.00396	0.0154
2070 Sep	69.2	0.00314	0.0015	0.0002	18.4	0.224	18.5	0.0000252	0.183	0.000254	0.0197	0.0426	0.0000476	13.7	0.0000229	0.00103	0.000246	0.00413	0.0508	0.0000636	10.7	0.0051	2.44	0.0293	0.00311	1.44	0.00375	0.00563	0.000192	0.00288	0.000705	0.0612	0.0000428	0.00436	0.00391	0.0152
2070 Oct	68.6	0.003	0.00145	0.000194	18.2	0.222	18.4	0.000025	0.183	0.00025	0.0196	0.0423	0.0000473	13.6	0.0000228	0.00102	0.000245	0.00411	0.0505	0.0000633	10.6	0.00507	2.41	0.0292	0.0031	1.42	0.00372	0.00556	0.0002	0.00287	0.000701	0.0607	0.0000426	0.00434	0.00389	0.0151
2070 Nov	69	0.00287	0.00141	0.000189	18.4	0.225	18.5	0.0000252	0.185	0.000249	0.0197	0.0427	0.0000477	13.7	0.0000231	0.00103	0.000247	0.00415	0.051	0.000064	10.8	0.00513	2.42	0.0295	0.00314	1.43	0.00376	0.00559	0.000206	0.0029	0.000709	0.0611	0.000043	0.0044	0.00394	0.0153
2070 Dec	69.1	0.00286	0.0014	0.000188	18.4	0.225	18.6	0.0000253	0.185	0.000249	0.0197	0.0427	0.0000477	13.7	0.0000231	0.00104	0.000247	0.00416	0.0511	0.0000642	10.8	0.00514	2.42	0.0296	0.00314	1.43	0.00376	0.0056	0.000206	0.00291	0.000711	0.0612	0.0000431	0.0044	0.00394	0.0153

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	3050	39.7	81.3	1.78	1940	0.46	22.9	0.0000567	0.0627	0.106	0.122	0.232	6.34	719	0.000336	0.00041	0.00281	0.00213	0.0892	0.0000285	32.9	1.89	18.7	0.708	0.00327	137	0.0343	0.00645	0.000381	0.0025	0.00065	5.91	0.0000896	0.00138	0.00407	0.0255	0.0357
Operation (2023 to 2025): Average	4050	76.9	128	3.45	2470	0.775	44.7	0.000095	0.143	0.133	0.257	0.391	14	924	0.000713	0.000775	0.00578	0.00458	0.198	0.0000525	39.4	4.01	24.9	1.55	0.00606	337	0.0743	0.00808	0.000831	0.00336	0.00113	16	0.00019	0.00307	0.00874	0.0338	0.0973
Operation (2023 to 2025): Max	5170	119	180	5.34	3070	1.12	62.2	0.000131	0.222	0.16	0.409	0.535	20.9	1160	0.00105	0.00104	0.00873	0.0067	0.343	0.0000714	44.3	5.92	30.6	2.32	0.00842	563	0.11	0.00955	0.00125	0.00366	0.00152	27.4	0.000285	0.00432	0.0126	0.0407	0.167
Active Closure (2026 to Sept. 2042): Min	3890	80.1	127	3.59	2340	0.764	22.4	0.0000559	0.0502	0.081	0.273	0.228	6.14	878	0.000326	0.000343	0.00274	0.00207	0.0874	0.0000243	30.4	1.84	18.6	0.687	0.0032	365	0.0333	0.00808	0.00037	0.0017	0.00063	17.5	0.0000872	0.000968	0.00395	0.0248	0.106
Active Closure (2026 to Sept. 2042): Average	5580	117	184	5.25	3360	1.08	38.9	0.0000893	0.0689	0.116	0.394	0.391	13.5	1260	0.000683	0.000438	0.00527	0.00304	0.121	0.000032	42.1	3.89	27.6	1.47	0.00489	535	0.0701	0.00987	0.000759	0.00242	0.000862	25.7	0.000164	0.00139	0.00713	0.0334	0.156
Active Closure (2026 to Sept. 2042): Max	7530	156	247	7.01	4550	1.41	51.6	0.000121	0.0913	0.157	0.521	0.543	19.2	1710	0.00097	0.000549	0.0074	0.004	0.161	0.0000413	57.2	5.54	37.2	2.09	0.0068	712	0.0992	0.0119	0.00101	0.00319	0.00117	34.1	0.000228	0.00185	0.00984	0.0446	0.208
Post Closure (Oct. 2042 to 2070): Min	824	16.1	25.4	0.722	478	0.209	12.5	0.0000225	0.0152	0.0167	0.0636	0.0725	1.98	183	0.000105	0.000156	0.000902	0.000936	0.0317	0.00000927	7.6	0.571	6.47	0.217	0.000752	74.7	0.0114	0.00462	0.00028	0.000435	0.000172	3.55	0.0000335	0.000221	0.00151	0.0078	0.0214
Post Closure (Oct. 2042 to 2070): Average	2090	42.5	67.1	1.91	1250	0.443	20.7	0.0000419	0.03	0.0432	0.151	0.163	5.22	470	0.000269	0.000241	0.00214	0.00157	0.0576	0.0000158	17.1	1.51	12.5	0.57	0.0019	195	0.0281	0.00626	0.000435	0.000963	0.000364	9.31	0.0000711	0.000532	0.00313	0.015	0.0565
Post Closure (Oct. 2042 to 2070): Max	3990	82.1	130	3.68	2400	0.785	32	0.00007	0.0517	0.083	0.28	0.296	10.1	900	0.000513	0.000355	0.00398	0.00245	0.0946	0.0000251	31.2	2.91	21.3	1.1	0.00361	375	0.0529	0.00839	0.000645	0.00174	0.000647	17.9	0.000126	0.000994	0.0055	0.0256	0.109
Model Predictions (2023-2070)																																					
2023 Jan	3050	39.7	81.3	1.78	1940	0.46	62.2	0.000131	0.222	0.109	0.122	0.535	20.9	719	0.00105	0.00104	0.00873	0.0067	0.343	0.0000714	44.3	5.92	30.6	2.32	0.00842	137	0.11	0.00645	0.00125	0.00352	0.00152	5.91	0.000285	0.00432	0.0126	0.0407	0.0357
2023 Feb	3150	43.4	85.9	1.95	1990	0.491	60.4	0.000127	0.214	0.114	0.135	0.519	20.2	738	0.00101	0.00101	0.00844	0.00647	0.332	0.0000692	43.7	5.71	29.9	2.24	0.00817	157	0.106	0.0066	0.00121	0.00352	0.00148	6.92	0.000275	0.00418	0.0122	0.0399	0.0418
2023 Mar	3240	46.8	90.1	2.1	2030	0.52	58.7	0.000124	0.207	0.119	0.148	0.505	19.5	757	0.00098	0.000982	0.00817	0.00626	0.322	0.0000672	43.2	5.52	29.4	2.16	0.00793	176	0.103	0.00675	0.00117	0.00352	0.00144	7.86	0.000266	0.00405	0.0118	0.0392	0.0476
2023 Apr	3330	50.2	94.2	2.25	2080	0.548	57.2	0.000121	0.201	0.124	0.16	0.491	18.8	775	0.000948	0.000958	0.00791	0.00607	0.312	0.0000654	42.7	5.34	28.8	2.09	0.00771	194	0.0994	0.0069	0.00113	0.00353	0.00141	8.78	0.000258	0.00393	0.0114	0.0385	0.0532
2023 May	3420	53.5	98.4	2.4	2130	0.577	56	0.000118	0.196	0.129	0.172	0.481	18.3	794	0.000922	0.000939	0.0077	0.00591	0.304	0.0000641	42.4	5.19	28.5	2.03	0.00754	211	0.0966	0.00707	0.0011	0.00356	0.00139	9.66	0.000251	0.00384	0.0111	0.038	0.0586
2023 Jun	3140	49.9	91.2	2.24	1950	0.561	52.2	0.000108	0.192	0.119	0.163	0.435	16.3	728	0.000825	0.000972	0.00685	0.00578	0.269	0.0000654	39.6	4.63	25.8	1.81	0.00714	199	0.0866	0.0071	0.000999	0.00359	0.00133	9.14	0.000228	0.004	0.0104	0.036	0.0554
2023 Jul	3230	50.7	93.4	2.28	2010	0.565	54.2	0.000112	0.191	0.12	0.165	0.455	17.3	750	0.000871	0.000982	0.0071	0.0059	0.26	0.0000663	41	4.9	26.9	1.91	0.00737	200	0.0912	0.00713	0.00104	0.00362	0.00135	9.17	0.000236	0.00404	0.0109	0.0372	0.0555
2023 Aug	3340	52.9	96.8	2.38	2080	0.584	54.6	0.000113	0.189	0.124	0.172	0.461	17.5	774	0.000881	0.000979	0.00714	0.00589	0.256	0.0000661	41.7	4.96	27.3	1.93	0.00742	211	0.0922	0.00725	0.00104	0.00365	0.00136	9.67	0.000237	0.00402	0.0109	0.0376	0.0586
2023 Sep	3430	54.3	99.3	2.44	2130	0.59	55.5	0.000115	0.185	0.127	0.176	0.473	18	794	0.000908	0.000967	0.00729	0.00588	0.25	0.0000656	42.5	5.12	28	1.99	0.00751	216	0.0949	0.00724	0.00106	0.00363	0.00137	9.9	0.000242	0.00397	0.0111	0.0381	0.06
2023 Oct	3500	55.8	102	2.51	2180	0.6	55.7	0.000115	0.182	0.129	0.181	0.478	18.2	811	0.000917	0.000955	0.00733	0.00584	0.246	0.0000648	42.9	5.17	28.4	2.01	0.00751	223	0.0957	0.00727	0.00107	0.00362	0.00136	10.2	0.000242	0.00391	0.0112	0.0383	0.0622
2023 Nov	3540	57.5	104	2.58	2200	0.614	54.8	0.000113	0.178	0.132	0.187	0.47	17.8	819	0.000898	0.000941	0.00718	0.00573	0.24	0.0000638	42.6	5.06	28	1.97	0.00738	232	0.0938	0.00734	0.00105	0.00362	0.00134	10.7	0.000237	0.00384	0.011	0.0379	0.0649
2023 Dec	3590	59.3	106	2.66	2220	0.629	53.9	0.000111	0.175	0.135	0.193	0.462	17.5	828	0.00088	0.000925	0.00704	0.00561	0.236	0.0000627	42.3	4.96	27.7	1.93	0.00726	242	0.0919	0.00741	0.00102	0.00362	0.00132	11.2	0.000233	0.00377	0.0107	0.0375	0.068
2024 Jan	3650	61.9	109	2.78	2260	0.651	52.6	0.000109	0.17	0.138	0.203	0.451	16.9	842	0.000854	0.000903	0.00684	0.00545	0.229	0.0000611	41.8	4.81	27.3	1.87	0.00708	256	0.0891	0.00752	0.000994	0.00362	0.0013	11.9	0.000226	0.00366	0.0104	0.0369	0.0723
2024 Feb	3730	65	113	2.92	2300	0.677	51	0.000106	0.163	0.141	0.214	0.437	16.3	859	0.000822	0.000876	0.0066	0.00525	0.222	0.0000591	41.3	4.63	26.7	1.8	0.00685	273	0.0858	0.00764	0.000957	0.0036	0.00126	12.8	0.000218	0.00353	0.0101	0.0361	0.0776
2024 Mar	3810	68	116	3.05	2340	0.701	49.5	0.000103	0.158	0.145	0.225	0.425	15.7	874	0.000793	0.00085	0.00637	0.00507	0.214	0.0000574	40.8	4.47	26.2	1.73	0.00665	289	0.0827	0.00776	0.000923	0.00359	0.00123	13.6	0.00021	0.00342	0.00974	0.0355	0.0825
2024 Apr	3880	70.8	120	3.18	2380	0.725	48.1	0.0001	0.153	0.148	0.236	0.414	15.1	890	0.000766	0.000828	0.00617	0.00491	0.208	0.0000558	40.4	4.32	25.8	1.67	0.00646	305	0.0799	0.00788	0.000892	0.00359	0.0012	14.4	0.000204	0.00331	0.00944	0.0349	0.0873
2024 May	3970	73.8	124	3.32	2420	0.75	47.1	0.0000982	0.149	0.152	0.246	0.405	14.7	908	0.000744	0.000811	0.006	0.00478	0.203	0.0000545	40.2	4.19	25.5	1.62	0.00632	321	0.0776	0.00803	0.000867	0.0036	0.00118	15.2	0.000198	0.00322	0.00919	0.0345	0.0921
2024 Jun	3850	72.3	121	3.25	2350	0.744	45.3	0.0000938	0.148	0.147	0.243	0.384	13.8	879	0.000699	0.000821	0.00564	0.00471	0.191	0.0000549	38.8	3.93	24.3	1.52	0.00612	316	0.073	0.00803	0.000821	0.0036	0.00116	15	0.000188	0.00328	0.00885	0.0336	0.0909
2024 Jul	3920	73.9	123	3.32	2390	0.758	45.8	0.0000946	0.147	0.149	0.248	0.389	13.9	896	0.000708	0.000824	0.00568	0.00473	0.188	0.0000551	39.4	3.98	24.6	1.54	0.00618	323	0.0738	0.00814	0.000828	0.00363	0.00116	15.3	0.000189	0.00329	0.00894	0.034	0.093
2024 Aug	4020	76.3	127	3.43	2450	0.777	46	0.0000953	0.145	0.153	0.256	0.393	14.1	919	0.000715	0.000818	0.00572	0.0047	0.186	0.0000548	39.9	4.02	25	1.55	0.0062	334	0.0745	0.00826	0.000832	0.00366	0.00117	15.8	0.00019	0.00325	0.00897	0.0343	0.0963
2024 Sep	4090	77.3	129	3.47	2500	0.782	46.6	0.0000967	0.142	0.154	0.259	0.402	14.5	935	0.000735	0.000806	0.00584	0.00469	0.184	0.0000542	40.5	4.14	25.5	1.6	0.00626	338	0.0765	0.00824	0.000847	0.00363	0.00117	16	0.000193	0.0032	0.0091	0.0346	0.0974
2024 Oct	4150	78.7	131	3.53	2530	0.791	46.5	0.0000966	0.139	0.156	0.263	0.403	14.5	948	0.000737	0.000793	0.00584	0.00463	0.18	0.0000533	40.7	4.16	25.7	1.6	0.00623	345	0.0767	0.00826	0.000846	0.00362	0.00116	16.3	0.000193	0.00313	0.00907	0.0346	0.0994
2024 Nov	4180	80.2	132	3.6	2550	0.803	45.7	0.0000949	0.136	0.158	0.269	0.396	14.2	955	0.00072	0.000779	0.0057	0.00453	0.176	0.0000523	40.3	4.06	25.4	1.56	0.00611	353	0.0749	0.00832	0.000826	0.00361	0.00114	16.8	0.000189	0.00307	0.00887	0.0342	0.102
2024 Dec	4220	81.8	134	3.68	2570	0.817	44.8	0.0000932	0.133	0.16	0.275	0.388	13.8	963	0.000702	0.000764	0.00557	0.00442	0.173	0.0000513	40	3.96	25.1	1.52	0.00598	362	0.073	0.00838	0.000805	0.0036	0.00113	17.2	0.000184	0.003	0.00867	0.0338	0.105
2025 Jan	4330	86	139	3.87	2620	0.851	42.1	0.0000886	0.124	0.155	0.29	0.368	12.9	984	0.000656	0.000721	0.00523	0.00414	0.163	0.0000485	39.1	3.7	24.2	1.42	0.00565	385	0.0682	0.00851	0.000752	0.00349	0.00107	18.4	0.000172	0.0028	0.0081	0.0327	0.112
2025 Feb	4470	91.9	146	4.13	2690	0.898	38.4	0.0000823	0.113	0.147	0.311	0.341	11.6	1010	0.000592	0.000661	0.00475	0.00375	0.149	0.0000446	37.8	3.34	23.1	1.28	0.00518	417	0.0615	0.00868	0.000679	0.0033	0.000988	20	0.000156	0.00253	0.00731	0.0312	0.122
2025 Mar	4580	96.6	152	4.34	2750	0.937	35.3	0.0000771	0.103	0.139	0.329	0.319	10.5	1040	0.000541	0.000613	0.00436	0.00343	0.138	0.0000414	36.7	3.05	22.2	1.17	0.0048	443	0.056	0.00882	0.00062	0.00315	0.000921	21.3	0.000143	0.00231	0.00667	0.03	0.13
2025 Apr	4690	101	157	4.53	2810	0.971	32.7	0.0000728	0.0951	0.133	0.344	0.3	9.63	1060	0.000497	0.000571	0.00404	0.00316	0.128	0.0000388	35.8	2.8	21.4	1.07	0.00448	466	0.0514	0.00896	0.000569	0.00302	0.000866	22.5	0.000132	0.00212	0.00613	0.0291	0.137
2025 May	4800	105	162	4.71	2870	1	30.7	0.0000694	0.0887	0.129	0.359	0.286	8.92	1080	0.000462	0.000539	0.00378	0.00295	0.121	0.0000367	35.3	2.6	20.8	0.99	0.00423	488	0.0477	0.00911	0.00053	0.00293	0.000823	23.6	0.000123	0.00197	0.0057	0.0283	0.144
2025 Jun	4860	106	164	4.77	2900	1.01	30.5	0.0000694	0.0852	0.124	0.363	0.288	9.03	1090	0.000467	0.000522	0.00379	0.00289	0.117	0.0000358	35.4	2.63	21	1	0.0042	494	0.0481	0.00909	0.00053	0.00284	0.000809	23.9	0.000123	0.00189	0.00566	0.0284	0.145
2025 Jul	4960	109	168	4.91	2960	1.04	29.4	0.0000679	0.0818	0.121	0.374	0.281	8.66	1120	0.000449	0.000506	0.00366	0.00278	0.112	0.0000348	35.3	2.53	20.8	0.961	0.00407	510	0.0463	0.00924	0.000509	0.00279	0.000787	24.7	0.000118	0.00182	0.00544	0.0281	0.15
2025 Aug	5050	113	173	5.05	3010	1.07	28.2	0.0000659	0.078	0.118	0.385	0.273	8.21	1140	0.000428	0.000488	0.0035	0.00265	0.108	0.0000336	35.1	2.41	20.5	0.912	0.00392	527	0.044	0.00939	0.000484	0.00275	0.000763	25.5	0.000113	0.00173	0.00517	0.0278	0.155
2025 Sep	5070	114	174	5.12	3020	1.08	26.7	0.0000633	0.074	0.115	0.391	0.261	7.68	1140	0.000401	0.000468	0.0033	0.00251	0.103	0.0000323	34.4	2.26	20	0.854	0.00374	536	0.0412	0.00942	0.000455	0.00268	0.000731	26	0.000106	0.00164	0.00486	0.0271	0.158
2025 Oct	5100	116	176	5.19	3030	1.09	25.4	0.0000609	0.0701	0.112	0.397	0.25	7.19	1150	0.000378	0.000448	0.00312	0.00238	0.0978	0.000031	33.8	2.13	19.5	0.801	0.00357	545	0.0387	0.00946	0.000428	0.00262	0.000703	26.4	0.0001	0.00155	0.00458	0.0266	0.161
2025 Nov	5140	117	178	5.27	3050	1.1	24.1	0.0000587	0.0663	0.109	0.403	0.241	6.75	1150	0.000356	0.000429	0.00296	0.00225	0.0934	0.0000297	33.4	2	19.1	0.753	0.00341	554	0.0365	0.0095	0.000404	0.00256	0.000676	26.9	0.0000947	0.00146	0.00432	0.026	0.164
2025 Dec	5170	119	180	5.34	3070	1.12	22.9	0.0000567	0.0627	0.106	0.409	0.232	6.34	1160	0.000336	0.00041	0.00281	0.00213	0.0892	0.0000285	32.9	1.89	18.7	0.708	0.00327	563	0.0343	0.00955	0.000381	0.0025	0.00065	27.4	0.0000896	0.00138	0.00407	0.0255	0.167
2026 Jan	5210	120	181	5.4	3090	1.13	22.4	0.0000559	0.0611	0.105	0.414	0.228	6.14	1170	0.000326	0.000402	0.00274	0.00207	0.0874	0.000028	32.8	1.84	18.6	0.687	0.0032	570	0.0333	0.00961	0.00037	0.00248	0.000639	27.7	0.0000872	0.00134	0.00395	0.0254	0.169
2026 Feb	5210	120	181	5.4	3090	1.13	22.4	0.0000559	0.0611	0.105	0.414	0.228	6.14	1170	0.000326	0.000402	0.00274	0.00207	0.0874	0.000028	32.8	1.84	18.6	0.687	0.0032	570	0.0333	0.00961	0.00037	0.00248	0.000639	27.7	0.0000872	0.00134	0.00395	0.0254	0.169
2026 Mar	5210	120	181	5.4	3090	1.13	22.4	0.0000559	0.0611	0.105	0.414	0.229	6.15	1170	0.000326	0.000402	0.00275	0.00207	0.0874	0.000028	32.8	1.84	18.6	0.687	0.0032	570	0.0333	0.00961	0.00037	0.00248	0.00064	27.7	0.0000872	0.00134	0.00395	0.0254	0.169
2026 Apr	5240	121	182	5.43	3110	1.14	22.5	0.0000561	0.0614	0.106	0.416	0.23	6.18	1170	0.000328	0.000404	0.00276	0.00208	0.0878	0.0000281	33	1.85	18.7	0.69	0.00322	573	0.0335	0.00965	0.000372	0.00249	0.000643	27.9	0.0000876	0.00135	0.00397	0.0255	0.17
2026 May	5350	123	186	5.54	3170	1.16	23.1	0.0000576	0.0627	0.108	0.424	0.236	6.37	1200	0.000338	0.000412	0.00284	0.00213	0.0899	0.0000287	33.7	1.9	19.1	0.712	0.0033	585	0.0345	0.00985	0.000383	0.00254	0.000658	28.4	0.0000901	0.00138	0.00408	0.0261	0.173
2026 Jun	5400	123	186	5.51	3210	1.15	25.3	0.0000623	0.0636	0.11	0.42	0.26	7.51	1210	0.000393	0.000413	0.00322	0.00226	0.0944	0.0000291	35.1	2.22	20.4	0.833	0.00356	579	0.0402	0.00973	0.000435	0.00253	0.00069	28.1	0.000102	0.00138	0.00455	0.0272	0.171
2026 Jul	5600	127	193	5.72	3330	1.19	26.3	0.0000647	0.066	0.114	0.436	0.27	7.81	1260	0.000409	0.000428	0.00335	0.00235	0.098	0.0000302	36.4	2.31	21.2	0.866	0.00369	600	0.0417	0.0101	0.000452	0.00262	0.000716	29.1	0.000106	0.00143	0.00473	0.0282	0.177
2026 Aug	5820	132	201	5.93	3460	1.23	27.3	0.0000672	0.0685	0.118	0.452	0.281	8.1	1310	0.000424	0.000445	0.00348	0.00244	0.102	0.0000313	37.8	2.4	22	0.899	0.00383	623	0.0433	0.0105	0.00047	0.00272	0.000743	30.2	0.00011	0.00149	0.00491	0.0293	0.184
2026 Sep	5770	131	199	5.89	3430	1.22	27.1	0.0000666	0.068	0.117	0.449	0.279	8.05	1300	0.000421	0.000441	0.00345	0.00242	0.101	0.0000311	37.5	2.38	21.8	0.892	0.00381	618	0.043	0.0104	0.000466	0.0027	0.000737	30	0.000109	0.00148	0.00487	0.0291	0.183
2026 Oct	5760	131	199	5.87	3430	1.22	27.1	0.0000666	0.0679	0.117	0.448	0.278	8.05	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.893	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2026 Nov	5750	131	198	5.87	3420	1.22	27.1	0.0000665	0.0678	0.117	0.447	0.278	8.04	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.892	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2026 Dec	5750	131	198	5.87	3420	1.22	27.1	0.0000665	0.0678	0.117	0.447	0.278	8.04	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.892	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2027 Jan	5750	131	198	5.87	3420	1.22	27.1	0.0000665	0.0678	0.117	0.447	0.278	8.04	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.892	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2027 Feb	5760	131	198	5.87	3420	1.22	27.1	0.0000665	0.0678	0.117	0.447	0.278	8.04	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.892	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2027 Mar	5760	131	199	5.87	3420	1.22	27.1	0.0000666	0.0678	0.117	0.447	0.278	8.05	1290	0.000421	0.00044	0.00345	0.00241	0.101	0.000031	37.4	2.38	21.8	0.892	0.0038	616	0.043	0.0104	0.000466	0.00269	0.000736	29.9	0.000109	0.00147	0.00487	0.029	0.182
2027 Apr	5780	131	199	5.9	3440	1.23	27.2	0.0000669	0.0682	0.118	0.45	0.28	8.09	1300	0.000423	0.000442	0.00347	0.00242	0.101	0.0000312	37.6	2.39	21.9	0.897	0.00382	619	0.0432	0.0104	0.000468	0.00271	0.00074	30	0.000109	0.00148	0.00489	0.0291	0.183
2027 May	5940	134	204	6.01	3540	1.25	29	0.0000709	0.0702	0.121	0.458	0.299	8.89	1330	0.000463	0.000452	0.00375	0.00255	0.106	0.0000321	39.2	2.62	23.1	0.983	0.00405	630	0.0473	0.0106	0.000508	0.00276	0.000773	30.5	0.000118	0.00151	0.00526	0.0304	0.186
2027 Jun	6110	133	206	5.96	3670	1.22	35.5	0.0000846	0.0731	0.126	0.448	0.37	12.2	1380	0.000622	0.000456	0.00487	0.00291	0.119	0.0000333	43.2	3.54	26.8	1.33	0.0048	615	0.0636	0.0103	0.00066	0.00272	0.000867	29.7	0.000151	0.00153	0.00662	0.0336	0.181
2027 Jul	6380	138	214	6.18	3830	1.26	37.8	0.00009	0.0764	0.132	0.464	0.395	13.1	1440	0.00067	0.000474	0.00522	0.00308	0.126	0.0000347	45.4	3.82	28.3	1.44	0.0051	637	0.0685	0.0107	0.000709	0.00282	0.000915	30.7	0.000162	0.0016	0.00708	0.0354	0.187
2027 Aug	6630	143	222	6.4	3980	1.31	39.9	0.0000948	0.0795	0.137	0.48	0.417	14	1500	0.000712	0.000492	0.00554	0.00323	0.132	0.0000361	47.5	4.06	29.8	1.53	0.00537	659	0.0728	0.011	0.000752	0.00292	0.000959	31.7	0.000172	0.00166	0.00749	0.037	0.193
2027 Sep	6610	142	221	6.37	3970	1.3	40.1	0.0000951	0.0793	0.137	0.477	0.419	14.1	1490	0.000717	0.00049	0.00557	0.00324	0.132	0.000036	47.5	4.09	29.8	1.54	0.00538	654	0.0733	0.0109	0.000756	0.0029	0.000959	31.5	0.000173	0.00165	0.00752	0.037	0.192
2027 Oct	6590	142	220	6.35	3960	1.3	40	0.0000949	0.0791	0.136	0.476	0.419	14.1	1490	0.000716	0.000489	0.00556	0.00323	0.132	0.000036	47.5	4.08	29.8	1.54	0.00538	653	0.0733	0.0109	0.000755	0.0029	0.000958	31.5	0.000172	0.00165	0.00752	0.037	0.192
2027 Nov	6590	141	220	6.34	3960	1.29	40.3	0.0000954	0.0792	0.137	0.476	0.421	14.2	1490	0.000723	0.000489	0.00561	0.00325	0.132	0.000036	47.6	4.12	29.9	1.55	0.0054	652	0.0739	0.0109	0.000761	0.00289	0.000961	31.4	0.000174	0.00165	0.00757	0.0371	0.191
2027 Dec	6600	141	220	6.34	3970	1.29	40.3	0.0000956	0.0792	0.137	0.476	0.422	14.2	1490	0.000724	0.000489	0.00562	0.00325	0.132	0.000036	47.6	4.13	30	1.56	0.00541	652	0.074	0.0109	0.000763	0.00289	0.000962	31.4	0.000174	0.00165	0.00758	0.0371	0.191
2028 Jan	6600	141	220	6.34	3970	1.29	40.3	0.0000956	0.0792	0.137	0.476	0.422	14.2	1490	0.000724	0.000489	0.00562	0.00325	0.132	0.000036	47.6	4.13	30	1.56	0.00541	652	0.074	0.0109	0.000763	0.00289	0.000962	31.4	0.000174	0.00165	0.00758	0.0371	0.191
2028 Feb	6600	141	220	6.34	3970	1.29	40.3	0.0000956	0.0792	0.137	0.476	0.422	14.2	1490	0.000724	0.000489	0.00562	0.00325	0.132	0.000036	47.6	4.13	30	1.56	0.00541	652	0.074	0.0109	0.000763	0.00289	0.000962	31.4	0.000174	0.00165	0.00758	0.0371	0.191
2028 Mar	6600	141	220	6.35	3970	1.29	40.3	0.0000956	0.0792	0.137	0.476	0.422	14.2	1490	0.000724	0.000489	0.00562	0.00325	0.132	0.000036	47.6	4.13	30	1.56	0.00541	652	0.0741	0.0109	0.000763	0.00289	0.000962	31.4	0.000174	0.00165	0.00758	0.0371	0.191
2028 Apr	6630	142	221	6.38	3990	1.3	40.5	0.0000961	0.0796	0.137	0.478	0.424	14.3	1500	0.000728	0.000491	0.00565	0.00327	0.133	0.0000362	47.9	4.15	30.1	1.56	0.00544	655	0.0744	0.011	0.000767	0.00291	0.000967	31.6	0.000175	0.00165	0.00762	0.0373	0.192
2028 May	6770	145	226	6.51	4070	1.33	41.4	0.0000981	0.0813	0.14	0.488	0.433	14.6	1530	0.000743	0.000502	0.00576	0.00333	0.136	0.0000369	48.9	4.24	30.7	1.6	0.00555	669	0.076	0.0112	0.000783	0.00297	0.000987	32.2	0.000179	0.00169	0.00778	0.0381	0.196
2028 Jun	6890	144	227	6.45	4160	1.3	46.6	0.000109	0.0835	0.144	0.479	0.491	17.3	1560	0.000873	0.000503	0.00667	0.00363	0.146	0.0000378	52	4.99	33.7	1.88	0.00616	655	0.0893	0.0109	0.000907	0.00293	0.00106	31.4	0.000206	0.0017	0.00888	0.0406	0.191
2028 Jul	7170	149	236	6.69	4340	1.35	49	0.000115	0.0869	0.15	0.496	0.516	18.3	1620	0.000921	0.000523	0.00703	0.0038	0.153	0.0000394	54.4	5.26	35.3	1.99	0.00647	679	0.0942	0.0113	0.000956	0.00304	0.00111	32.6	0.000216	0.00177	0.00935	0.0425	0.198
2028 Aug	7430	154	244	6.92	4490	1.4	50.7	0.000119	0.09	0.155	0.514	0.534	18.9	1680	0.000954	0.000541	0.00728	0.00394	0.159	0.0000408	56.3	5.45	36.6	2.06	0.0067	702	0.0975	0.0117	0.00099	0.00315	0.00115	33.7	0.000224	0.00183	0.00968	0.044	0.205
2028 Sep	7370	153	242	6.87	4450	1.38	50.3	0.000118	0.0893	0.154	0.51	0.53	18.8	1670	0.000946	0.000537	0.00722	0.0039	0.157	0.0000404	55.9	5.41	36.3	2.04	0.00664	697	0.0968	0.0116	0.000982	0.00312	0.00114	33.4	0.000222	0.00181	0.0096	0.0436	0.204
2028 Oct	7350	153	241	6.85	4440	1.38	50.3	0.000118	0.0891	0.154	0.508	0.53	18.7	1660	0.000946	0.000536	0.00721	0.0039	0.157	0.0000404	55.8	5.4	36.3	2.04	0.00664	695	0.0967	0.0116	0.000981	0.00311	0.00114	33.3	0.000222	0.00181	0.00959	0.0435	0.203
2028 Nov	7340	152	241	6.84	4440	1.38	50.3	0.000118	0.089	0.154	0.508	0.53	18.8	1660	0.000946	0.000535	0.00722	0.0039	0.157	0.0000403	55.8	5.41	36.3	2.04	0.00664	694	0.0968	0.0116	0.000982	0.00311	0.00114	33.3	0.000222	0.00181	0.0096	0.0435	0.203
2028 Dec	7340	152	241	6.84	4440	1.38	50.3	0.000118	0.089	0.154	0.508	0.53	18.8	1660	0.000946	0.000535	0.00722	0.0039	0.157	0.0000403	55.8	5.41	36.3	2.04	0.00664	694	0.0968	0.0116	0.000982	0.00311	0.00114	33.3	0.000222	0.00181	0.0096	0.0435	0.203
2029 Jan	7340	152	241	6.84	4440	1.38	50.3	0.000118	0.089	0.154	0.508	0.53	18.8	1660	0.000946	0.000535	0.00722	0.0039	0.157	0.0000403	55.8	5.41	36.3	2.04	0.00664	694	0.0968	0.0116	0.000982	0.00311	0.00114	33.3	0.000222	0.00181	0.0096	0.0435	0.203
2029 Feb	7340	152	241	6.84	4440	1.38	50.3	0.000118	0.089	0.154	0.508	0.53	18.8	1660	0.000946	0.000535	0.00722	0.0039	0.157	0.0000403	55.8	5.41	36.3	2.04	0.00664	694	0.0968	0.0116	0.000982	0.00311	0.00114	33.3	0.000222	0.00181	0.0096	0.0435	0.203
2029 Mar	7340	152	241	6.84	4440	1.38	50.3	0.000118	0.089	0.154	0.508	0.53	18.8	1660	0.000946	0.000535	0.00722	0.0039	0.157	0.0000403	55.8	5.41	36.3	2.04	0.00664	694	0.0968	0.0116	0.000982	0.00311	0.00114	33.3	0.000222	0.00181	0.0096	0.0435	0.203
2029 Apr	7380	153	242	6.88	4460	1.39	50.5	0.000118	0.0895	0.154	0.51	0.532	18.8	1670	0.000951	0.000538	0.00725	0.00392	0.158	0.0000405	56	5.43	36.4	2.05	0.00667	698	0.0972	0.0116	0.000987	0.00313	0.00114	33.5	0.000223	0.00182	0.00965	0.0438	0.204
2029 May	7530	156	247	7.01	4550	1.41	51.6	0.000121	0.0913	0.157	0.521	0.543	19.2	1710	0.00097	0.000549	0.0074	0.004	0.161	0.0000413	57.2	5.54	37.2	2.09	0.0068	712	0.0992	0.0119	0.00101	0.00319	0.00117	34.1	0.000228	0.00185	0.00984	0.0446	0.208
2029 Jun	7020	146	230	6.54	4240	1.32	48.3	0.000113	0.0852	0.147	0.486	0.507	17.9	1590	0.000904	0.000514	0.0069	0.00374	0.15	0.0000387	53.3	5.17	34.7	1.95	0.00634	663	0.0925	0.0112	0.00094	0.00297	0.00109	31.8	0.000213	0.00173	0.00919	0.0417	0.194
2029 Jul	7090	147	233	6.6	4280	1.33	48.9	0.000114	0.0861	0.148	0.49	0.512	18.1	1610	0.000913	0.000521	0.00697	0.00378	0.152	0.0000391	53.9	5.22	35.1	1.97	0.00641	670	0.0934	0.0113	0.000949	0.003	0.0011	32.1	0.000215	0.00175	0.00928	0.0421	0.196
2029 Aug	7260	151	238	6.76	4390	1.37	50.1	0.000117	0.0882	0.152	0.502	0.524	18.5	1640	0.000935	0.000534	0.00714	0.00388	0.156	0.0000401	55.2	5.34	36	2.02	0.00656	686	0.0957	0.0116	0.000973	0.00308	0.00113	32.9	0.00022	0.00179	0.00951	0.0432	0.2
2029 Sep	7060	146	232	6.57	4260	1.33	48.8	0.000114	0.0858	0.148	0.488	0.51	18	1600	0.000909	0.00052	0.00694	0.00377	0.152	0.000039	53.7	5.19	35	1.96	0.00638	667	0.093	0.0113	0.000946	0.00299	0.0011	32	0.000214	0.00174	0.00925	0.042	0.195
2029 Oct	6960	144	228	6.48	4210	1.31	48.1	0.000112	0.0847	0.146	0.482	0.503	17.8	1580	0.000897	0.000514	0.00685	0.00373	0.15	0.0000385	52.9	5.12	34.5	1.93	0.00629	658	0.0918	0.0112	0.000938	0.00295	0.00108	31.6	0.000211	0.00172	0.00913	0.0415	0.192
2029 Nov	6920	144	227	6.45	4180	1.3	47.9	0.000112	0.0843	0.145	0.479	0.5	17.7	1570	0.000892	0.000511	0.00681	0.00371	0.149	0.0000383	52.7	5.1	34.4	1.92	0.00626	654	0.0913	0.0111	0.000937	0.00294	0.00108	31.4	0.00021	0.00171	0.00908	0.0412	0.191
2029 Dec	6920	144	227	6.45	4180	1.3	47.9	0.000112	0.0843	0.145	0.479	0.5	17.7	1570	0.000892	0.000511	0.00681	0.00371	0.149	0.0000383	52.7	5.1	34.4	1.92	0.00626	654	0.0913	0.0111	0.000937	0.00294	0.00108	31.4	0.00021	0.00171	0.00908	0.0412	0.191
2030 Jan	6920	144	227	6.45	4180	1.3	47.9	0.000111	0.0843	0.145	0.479	0.5	17.7	1570	0.000892	0.000511	0.00681	0.00371	0.149	0.0000383	52.7	5.1	34.4	1.92	0.00626	654	0.0913	0.0111	0.000937	0.00294	0.00108	31.4	0.00021	0.00171	0.00908	0.0412	0.191
2030 Feb	6920	144	227	6.45	4180	1.3	47.9	0.000112	0.0843	0.145	0.479	0.5	17.7	1570	0.000892	0.000511	0.00681	0.00371	0.149	0.0000383	52.7	5.1	34.4	1.92	0.00626	654	0.0913	0.0111	0.000937	0.00294	0.00108	31.4	0.00021	0.00171	0.00908	0.0412	0.191
2030 Mar	6930	144	227	6.45	4190	1.3	47.9	0.000112	0.0843	0.145	0.479	0.501	17.7	1570	0.000892	0.000511	0.00681	0.00371	0.149	0.0000384	52.7	5.1	34.4	1.92	0.00626	654	0.0913	0.0111	0.000937	0.00294	0.00108	31.4	0.00021	0.00171	0.00908	0.0413	0.191
2030 Apr	6960	144	228	6.48	4210	1.31	48.1	0.000112	0.0847	0.146	0.482	0.503	17.8	1580	0.000897	0.000514	0.00685	0.00373	0.15	0.0000385	52.9	5.12	34.5	1.93	0.00629	658	0.0917	0.0112	0.000941	0.00295	0.00108	31.6	0.000211	0.00172	0.00912	0.0415	0.192
2030 May	7100	147	233	6.61	4290	1.34	49.1	0.000114	0.0864	0.148	0.491	0.513	18.1	1610	0.000915	0.000524	0.00698	0.0038	0.153	0.0000393	54	5.23	35.2	1.97	0.00642	671	0.0936	0.0114	0.00096	0.00301	0.0011	32.2	0.000215	0.00175	0.00931	0.0423	0.196
2030 Jun	6630	138	218	6.18	4010	1.25	46.1	0.000107	0.0808	0.139	0.459	0.48	16.9	1500	0.000855	0.000493	0.00653	0.00357	0.143	0.0000369	50.5	4.88	33	1.84	0.006	627	0.0875	0.0108	0.000899	0.00282	0.00103	30.1	0.000202	0.00164	0.00871	0.0396	0.183
2030 Jul	6720	139	220	6.25	4060	1.27	46.8	0.000109	0.0819	0.14	0.465	0.486	17.1	1520	0.000865	0.0005	0.00661	0.00362	0.145	0.0000374	51.2	4.94	33.4	1.87	0.00607	635	0.0886	0.011	0.000911	0.00285	0.00105	30.4	0.000204	0.00166	0.00883	0.0401	0.185
2030 Aug	6900	143	226	6.42	4170	1.3	48.1	0.000112	0.0841	0.144	0.478	0.499	17.6	1560	0.000889	0.000514	0.00679	0.00372	0.149	0.0000384	52.5	5.08	34.4	1.92	0.00624	652	0.091	0.0113	0.000935	0.00293	0.00108	31.3	0.00021	0.0017	0.00907	0.0412	0.19
2030 Sep	6720	139	220	6.25	4060	1.27	46.9	0.000109	0.082	0.14	0.465	0.486	17.1	1520	0.000865	0.000501	0.00661	0.00363	0.145	0.0000375	51.2	4.94	33.5	1.86	0.00607	634	0.0886	0.011	0.000911	0.00285	0.00105	30.4	0.000204	0.00166	0.00883	0.0402	0.185

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2030 Oct	6630	137	217	6.17	4000	1.25	46.3	0.000107	0.0809	0.139	0.459	0.48	16.9	1500	0.000854	0.000495	0.00652	0.00358	0.143	0.000037	50.5	4.87	33	1.84	0.00599	626	0.0874	0.0108	0.000904	0.00282	0.00103	30	0.000202	0.00163	0.00871	0.0396	0.183
2030 Nov	6590	137	216	6.14	3980	1.24	46.1	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.000849	0.000493	0.00649	0.00356	0.143	0.0000368	50.2	4.85	32.9	1.83	0.00596	623	0.087	0.0108	0.000902	0.0028	0.00103	29.9	0.000201	0.00163	0.00867	0.0395	0.182
2030 Dec	6590	137	216	6.14	3980	1.24	46.1	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.000849	0.000493	0.00649	0.00356	0.143	0.0000368	50.2	4.85	32.9	1.83	0.00596	623	0.087	0.0108	0.000902	0.0028	0.00103	29.9	0.000201	0.00163	0.00867	0.0395	0.182
2031 Jan	6590	137	216	6.14	3980	1.24	46	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.000849	0.000493	0.00649	0.00356	0.143	0.0000368	50.2	4.85	32.9	1.83	0.00596	623	0.0869	0.0108	0.000902	0.0028	0.00103	29.9	0.000201	0.00163	0.00867	0.0395	0.182
2031 Feb	6590	137	216	6.14	3980	1.24	46.1	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.000849	0.000493	0.00649	0.00356	0.143	0.0000368	50.2	4.85	32.9	1.83	0.00596	623	0.087	0.0108	0.000902	0.0028	0.00103	29.9	0.000201	0.00163	0.00867	0.0395	0.182
2031 Mar	6590	137	216	6.14	3980	1.25	46.1	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.00085	0.000493	0.00649	0.00356	0.143	0.0000368	50.2	4.85	32.9	1.83	0.00596	623	0.087	0.0108	0.000902	0.0028	0.00103	29.9	0.000201	0.00163	0.00867	0.0395	0.182
2031 Apr	6630	137	217	6.17	4000	1.25	46.3	0.000107	0.081	0.139	0.459	0.48	16.9	1500	0.000854	0.000495	0.00652	0.00358	0.143	0.000037	50.5	4.87	33	1.84	0.00599	626	0.0874	0.0108	0.000907	0.00282	0.00103	30	0.000202	0.00163	0.00872	0.0397	0.183
2031 May	6760	140	222	6.29	4080	1.28	47.2	0.000109	0.0826	0.141	0.468	0.489	17.2	1530	0.000871	0.000505	0.00666	0.00365	0.146	0.0000377	51.5	4.97	33.7	1.88	0.00611	638	0.0891	0.0111	0.000925	0.00287	0.00105	30.6	0.000206	0.00167	0.00889	0.0405	0.187
2031 Jun	6330	131	208	5.89	3820	1.2	44.4	0.000103	0.0774	0.132	0.439	0.459	16.1	1430	0.000815	0.000476	0.00623	0.00343	0.137	0.0000355	48.3	4.65	31.6	1.76	0.00572	598	0.0835	0.0105	0.000867	0.00269	0.000988	28.7	0.000193	0.00156	0.00834	0.038	0.175
2031 Jul	6410	133	210	5.97	3870	1.21	45.1	0.000104	0.0785	0.134	0.445	0.465	16.4	1450	0.000826	0.000483	0.00632	0.00349	0.139	0.000036	48.9	4.72	32.1	1.78	0.0058	606	0.0846	0.0107	0.000879	0.00273	0.001	29.1	0.000196	0.00158	0.00845	0.0385	0.177
2031 Aug	6590	137	216	6.13	3980	1.25	46.4	0.000107	0.0806	0.138	0.457	0.477	16.8	1490	0.000848	0.000497	0.00649	0.00358	0.143	0.000037	50.3	4.84	33	1.83	0.00595	622	0.0869	0.0109	0.000903	0.0028	0.00103	29.8	0.000201	0.00162	0.00868	0.0395	0.182
2031 Sep	6420	133	210	5.97	3880	1.22	45.2	0.000104	0.0787	0.134	0.445	0.466	16.4	1450	0.000827	0.000485	0.00633	0.0035	0.14	0.0000361	49	4.72	32.1	1.78	0.0058	606	0.0847	0.0107	0.000881	0.00273	0.001	29.1	0.000196	0.00158	0.00847	0.0386	0.177
2031 Oct	6340	131	208	5.89	3830	1.2	44.7	0.000103	0.0777	0.132	0.439	0.46	16.2	1430	0.000816	0.000479	0.00624	0.00345	0.138	0.0000357	48.4	4.66	31.7	1.76	0.00573	598	0.0836	0.0106	0.000874	0.0027	0.000991	28.7	0.000193	0.00156	0.00836	0.0381	0.175
2031 Nov	6310	131	207	5.87	3810	1.19	44.5	0.000103	0.0774	0.132	0.437	0.457	16.1	1430	0.000812	0.000477	0.00622	0.00344	0.137	0.0000355	48.1	4.64	31.6	1.75	0.0057	595	0.0832	0.0105	0.000873	0.00269	0.000986	28.6	0.000192	0.00156	0.00832	0.0379	0.174
2031 Dec	6310	131	207	5.87	3810	1.19	44.5	0.000103	0.0774	0.132	0.437	0.457	16.1	1430	0.000812	0.000477	0.00622	0.00344	0.137	0.0000355	48.1	4.64	31.6	1.75	0.0057	595	0.0832	0.0105	0.000873	0.00269	0.000986	28.6	0.000192	0.00156	0.00832	0.0379	0.174
2032 Jan	6310	131	207	5.87	3810	1.19	44.5	0.000103	0.0774	0.132	0.437	0.457	16.1	1430	0.000812	0.000477	0.00621	0.00344	0.137	0.0000355	48.1	4.64	31.6	1.75	0.0057	595	0.0832	0.0105	0.000873	0.00269	0.000986	28.6	0.000192	0.00156	0.00832	0.0379	0.174
2032 Feb	6310	131	207	5.87	3810	1.19	44.5	0.000103	0.0774	0.132	0.437	0.457	16.1	1430	0.000812	0.000477	0.00622	0.00344	0.137	0.0000355	48.1	4.64	31.6	1.75	0.0057	595	0.0832	0.0105	0.000873	0.00269	0.000986	28.6	0.000192	0.00156	0.00832	0.0379	0.174
2032 Mar	6310	131	207	5.87	3810	1.19	44.5	0.000103	0.0774	0.132	0.437	0.457	16.1	1430	0.000812	0.000477	0.00622	0.00344	0.137	0.0000355	48.1	4.64	31.6	1.75	0.0057	596	0.0832	0.0105	0.000873	0.00269	0.000986	28.6	0.000192	0.00156	0.00832	0.0379	0.174
2032 Apr	6340	131	208	5.9	3830	1.2	44.7	0.000103	0.0778	0.132	0.439	0.46	16.2	1440	0.000817	0.00048	0.00625	0.00346	0.138	0.0000357	48.4	4.66	31.7	1.76	0.00573	598	0.0836	0.0106	0.000877	0.0027	0.000991	28.7	0.000193	0.00156	0.00836	0.0381	0.175
2032 May	6470	134	212	6.02	3910	1.22	45.6	0.000105	0.0793	0.135	0.448	0.469	16.5	1460	0.000833	0.00049	0.00637	0.00353	0.141	0.0000364	49.4	4.76	32.4	1.8	0.00585	611	0.0853	0.0108	0.000895	0.00275	0.00101	29.3	0.000197	0.0016	0.00854	0.0389	0.178
2032 Jun	6070	126	199	5.64	3660	1.15	43	0.0000991	0.0745	0.127	0.421	0.441	15.5	1370	0.000782	0.000462	0.00598	0.00332	0.132	0.0000343	46.4	4.46	30.5	1.68	0.00549	573	0.0801	0.0102	0.000841	0.00259	0.00095	27.5	0.000185	0.0015	0.00802	0.0366	0.167
2032 Jul	6150	127	202	5.72	3710	1.17	43.7	0.000101	0.0756	0.129	0.427	0.447	15.7	1390	0.000792	0.00047	0.00607	0.00337	0.134	0.0000348	47	4.52	30.9	1.71	0.00556	581	0.0812	0.0104	0.000853	0.00262	0.000964	27.9	0.000188	0.00152	0.00814	0.0371	0.17
2032 Aug	6300	131	207	5.86	3810	1.2	44.8	0.000103	0.0775	0.132	0.437	0.458	16.1	1430	0.000812	0.000482	0.00622	0.00346	0.138	0.0000357	48.2	4.63	31.7	1.75	0.0057	595	0.0832	0.0107	0.000874	0.00269	0.000988	28.5	0.000193	0.00156	0.00834	0.038	0.174
2032 Sep	6140	127	201	5.71	3710	1.17	43.7	0.000101	0.0756	0.128	0.426	0.446	15.7	1390	0.000791	0.00047	0.00606	0.00338	0.135	0.0000348	47	4.51	30.9	1.7	0.00555	580	0.0811	0.0104	0.000852	0.00262	0.000963	27.8	0.000188	0.00152	0.00813	0.0371	0.169
2032 Oct	6060	126	199	5.64	3660	1.15	43.2	0.0000992	0.0746	0.127	0.421	0.44	15.4	1370	0.000781	0.000464	0.00598	0.00333	0.133	0.0000344	46.3	4.45	30.5	1.68	0.00548	572	0.08	0.0103	0.000846	0.00259	0.00095	27.4	0.000185	0.0015	0.00802	0.0366	0.167
2032 Nov	6030	125	198	5.61	3640	1.15	43	0.0000988	0.0743	0.126	0.419	0.438	15.4	1370	0.000777	0.000462	0.00595	0.00332	0.132	0.0000342	46.1	4.43	30.4	1.67	0.00545	569	0.0796	0.0102	0.000844	0.00257	0.000946	27.3	0.000185	0.00149	0.00799	0.0364	0.166
2032 Dec	6030	125	198	5.61	3640	1.15	43	0.0000988	0.0743	0.126	0.419	0.438	15.4	1370	0.000777	0.000462	0.00595	0.00332	0.132	0.0000342	46.1	4.43	30.4	1.67	0.00545	569	0.0796	0.0102	0.000844	0.00257	0.000946	27.3	0.000185	0.00149	0.00799	0.0364	0.166
2033 Jan	6030	125	198	5.61	3640	1.15	43	0.0000988	0.0743	0.126	0.419	0.438	15.4	1370	0.000777	0.000462	0.00595	0.00332	0.132	0.0000342	46.1	4.43	30.4	1.67	0.00545	569	0.0796	0.0102	0.000844	0.00257	0.000946	27.3	0.000185	0.00149	0.00799	0.0364	0.166
2033 Feb	6030	125	198	5.61	3640	1.15	43	0.0000988	0.0743	0.126	0.419	0.438	15.4	1370	0.000777	0.000462	0.00595	0.00332	0.132	0.0000342	46.1	4.43	30.4	1.67	0.00545	569	0.0796	0.0102	0.000844	0.00257	0.000946	27.3	0.000185	0.00149	0.00799	0.0364	0.166
2033 Mar	6030	125	198	5.61	3640	1.15	43	0.0000988	0.0743	0.126	0.419	0.438	15.4	1370	0.000777	0.000462	0.00595	0.00332	0.132	0.0000342	46.1	4.43	30.4	1.67	0.00545	569	0.0796	0.0102	0.000845	0.00257	0.000946	27.3	0.000185	0.00149	0.00799	0.0364	0.166
2033 Apr	6060	126	199	5.64	3660	1.15	43.2	0.0000993	0.0747	0.127	0.421	0.44	15.5	1370	0.000781	0.000465	0.00598	0.00334	0.133	0.0000344	46.4	4.46	30.5	1.68	0.00548	572	0.08	0.0103	0.000849	0.00259	0.000951	27.4	0.000186	0.0015	0.00803	0.0366	0.167
2033 May	6190	128	203	5.75	3730	1.17	44.1	0.000101	0.0762	0.129	0.429	0.449	15.8	1400	0.000797	0.000474	0.0061	0.0034	0.136	0.0000351	47.3	4.55	31.1	1.72	0.00559	584	0.0816	0.0105	0.000866	0.00264	0.00097	28	0.000189	0.00153	0.00819	0.0374	0.17
2033 Jun	5790	120	190	5.39	3500	1.1	41.5	0.0000951	0.0714	0.121	0.402	0.421	14.8	1310	0.000746	0.000447	0.00572	0.0032	0.127	0.000033	44.4	4.26	29.2	1.61	0.00524	547	0.0765	0.00995	0.000812	0.00248	0.00091	26.2	0.000178	0.00143	0.00768	0.0351	0.16
2033 Jul	5880	122	193	5.46	3550	1.12	42.2	0.0000966	0.0725	0.123	0.408	0.428	15	1330	0.000757	0.000454	0.0058	0.00325	0.129	0.0000336	45	4.32	29.7	1.63	0.00531	555	0.0776	0.0101	0.000825	0.00251	0.000924	26.6	0.00018	0.00145	0.0078	0.0356	0.162
2033 Aug	6040	125	198	5.61	3640	1.15	43.4	0.0000993	0.0745	0.126	0.419	0.439	15.4	1370	0.000778	0.000467	0.00596	0.00334	0.133	0.0000345	46.2	4.44	30.5	1.67	0.00546	570	0.0797	0.0104	0.000847	0.00258	0.000949	27.3	0.000185	0.00149	0.00801	0.0366	0.166
2033 Sep	5890	122	193	5.47	3550	1.12	42.3	0.0000969	0.0727	0.123	0.409	0.428	15	1330	0.000758	0.000456	0.00581	0.00326	0.13	0.0000337	45.1	4.32	29.8	1.63	0.00532	555	0.0777	0.0102	0.000826	0.00252	0.000925	26.6	0.000181	0.00145	0.00782	0.0357	0.162
2033 Oct	5810	120	190	5.4	3500	1.11	41.8	0.0000956	0.0718	0.121	0.403	0.423	14.8	1310	0.000748	0.000451	0.00573	0.00322	0.128	0.0000332	44.5	4.27	29.4	1.61	0.00525	548	0.0767	0.01	0.00082	0.00248	0.000913	26.3	0.000178	0.00144	0.00771	0.0352	0.16
2033 Nov	5780	120	189	5.37	3490	1.1	41.6	0.0000952	0.0715	0.121	0.401	0.421	14.7	1310	0.000744	0.000449	0.00571	0.00321	0.128	0.0000331	44.3	4.25	29.2	1.6	0.00523	545	0.0763	0.01	0.000819	0.00247	0.000909	26.2	0.000177	0.00143	0.00768	0.0351	0.159
2033 Dec	5780	120	189	5.37	3490	1.1	41.6	0.0000952	0.0715	0.121	0.401	0.421	14.7	1310	0.000744	0.000449	0.00571	0.00321	0.128	0.0000331	44.3	4.24	29.2	1.6	0.00523	545	0.0763	0.01	0.000819	0.00247	0.000909	26.2	0.000177	0.00143	0.00768	0.0351	0.159
2034 Jan	5780	120	189	5.37	3490	1.1	41.6	0.0000952	0.0715	0.121	0.401	0.421	14.7	1310	0.000744	0.000449	0.00571	0.00321	0.128	0.0000331	44.3	4.24	29.2	1.6	0.00522	545	0.0763	0.01	0.000819	0.00247	0.000909	26.2	0.000177	0.00143	0.00768	0.0351	0.159
2034 Feb	5780	120	189	5.37	3490	1.1	41.6	0.0000952	0.0715	0.121	0.401	0.421	14.7	1310	0.000744	0.000449	0.00571	0.00321	0.128	0.0000331	44.3	4.24	29.2	1.6	0.00523	545	0.0763	0.01	0.000819	0.00247	0.000909	26.2	0.000177	0.00143	0.00768	0.0351	0.159
2034 Mar	5780	120	189	5.37	3490	1.1	41.6	0.0000952	0.0715	0.121	0.402	0.421	14.7	1310	0.000744	0.000449	0.00571	0.00321	0.128	0.0000331	44.3	4.25	29.2	1.6	0.00523	545	0.0763	0.01	0.000819	0.00247	0.000909	26.2	0.000177	0.00143	0.00768	0.0351	0.159
2034 Apr	5810	120	190	5.4	3510	1.11	41.8	0.0000957	0.0718	0.121	0.404	0.423	14.8	1310	0.000748	0.000451	0.00574	0.00323	0.128	0.0000333	44.5	4.27	29.4	1.61	0.00525	548	0.0767	0.0101	0.000823	0.00248	0.000914	26.3	0.000178	0.00144	0.00772	0.0353	0.16
2034 May	5930	123	194	5.51	3580	1.13	42.6	0.0000976	0.0733	0.124	0.412	0.431	15.1	1340	0.000763	0.00046	0.00585	0.00329	0.131	0.0000339	45.4	4.35	30	1.64	0.00536	559	0.0783	0.0103	0.00084	0.00253	0.000932	26.8	0.000182	0.00146	0.00787	0.036	0.163
2034 Jun	5550	115	182	5.15	3350	1.06	40.1	0.0000916	0.0687	0.116	0.386	0.404	14.1	1260	0.000715	0.000434	0.00548	0.0031	0.123	0.0000319	42.5	4.07	28.1	1.54	0.00502	523	0.0733	0.00971	0.000787	0.00237	0.000874	25.1	0.00017	0.00137	0.00738	0.0338	0.153
2034 Jul	5620	116	184	5.22	3390	1.07	40.8	0.0000929	0.0696	0.117	0.391	0.41	14.3	1270	0.000724	0.00044	0.00556	0.00314	0.124	0.0000324	43.1	4.13	28.5	1.56	0.00508	530	0.0743	0.00989	0.000798	0.00241	0.000886	25.4	0.000173	0.00139	0.00748	0.0342	0.155
2034 Aug	5760	119	189	5.35	3480	1.1	41.8	0.0000953	0.0714	0.12	0.401	0.42	14.7	1300	0.000742	0.000452	0.0057	0.00322	0.128	0.0000332	44.2	4.23	29.3	1.6	0.00521	544	0.0761	0.0101	0.000819	0.00247	0.000908	26.1	0.000177	0.00143	0.00768	0.0351	0.159
2034 Sep	5620	116	184	5.22	3390	1.07	40.8	0.000093	0.0697	0.117	0.391	0.41	14.3	1270	0.000724	0.000442	0.00555	0.00315	0.125	0.0000324	43.1	4.13	28.6	1.56	0.00508	530	0.0742	0.00991	0.000798	0.00241	0.000886	25.4	0.000173	0.00139	0.00749	0.0343	0.155
2034 Oct	5540	115	181	5.15	3340	1.06	40.3	0.0000919	0.0689	0.116	0.386	0.404	14.1	1250	0.000714	0.000436	0.00548	0.00311	0.123	0.000032	42.6	4.07	28.2	1.54	0.00501	523	0.0733	0.00979	0.000793	0.00238	0.000875	25.1	0.000171	0.00137	0.00739	0.0338	0.153
2034 Nov	5520	114	181	5.13	3330	1.05	40.1	0.0000914	0.0686	0.115	0.384	0.403	14	1250	0.000711	0.000434	0.00546	0.0031	0.123	0.0000319	42.4	4.05	28.1	1.53	0.00499	521	0.0729	0.00974	0.000792	0.00237	0.000871	25	0.00017	0.00137	0.00736	0.0337	0.152
2034 Dec	5520	114	181	5.13	3330	1.05	40.1	0.0000914	0.0685	0.115	0.384	0.403	14	1250	0.000711	0.000434	0.00546	0.0031	0.123	0.0000319	42.4	4.05	28.1	1.53	0.00499	521	0.0729	0.00974	0.000792	0.00236	0.000871	25	0.00017	0.00137	0.00736	0.0337	0.152
2035 Jan	5520	114	181	5.13	3330	1.05	40.1	0.0000914	0.0685	0.115	0.384	0.403	14	1250	0.000711	0.000434	0.00546	0.0031	0.123	0.0000319	42.4	4.05	28.1	1.53	0.00499	520	0.0729	0.00974	0.000792	0.00236	0.00087	25	0.00017	0.00136	0.00736	0.0337	0.152
2035 Feb	5520	114	181	5.13	3330	1.05	40.1	0.0000914	0.0686	0.115	0.384	0.403	14	1250	0.000711	0.000434	0.00546	0.0031	0.123	0.0000319	42.4	4.05	28.1	1.53	0.00499	521	0.0729	0.00974	0.000792	0.00236	0.000871	25	0.00017	0.00137	0.00736	0.0337	0.152
2035 Mar	5520	114	181	5.13	3330	1.05	40.1	0.0000915	0.0686	0.115	0.384	0.403	14.1	1250	0.000711	0.000434	0.00546	0.0031	0.123	0.0000319	42.4	4.05	28.1	1.53	0.00499	521	0.0729	0.00975	0.000792	0.00237	0.000871	25	0.00017	0.00137	0.00736	0.0337	0.152
2035 Apr	5550	115	182	5.15	3350	1.06	40.3	0.0000919	0.0689	0.116	0.386	0.405	14.1	1260	0.000714	0.000437	0.00548	0.00311	0.123	0.000032	42.6	4.07	28.2	1.54	0.00502	523	0.0733	0.0098	0.000796	0.00238	0.000875	25.1	0.000171	0.00137	0.00739	0.0338	0.153
2035 May	5660	117	185	5.26	3410	1.08	41.2	0.0000938	0.0703	0.118	0.394	0.413	14.4	1280	0.000729	0.000445	0.00559	0.00317	0.126	0.0000327	43.4	4.15	28.8	1.57	0.00512	534	0.0748	0.01	0.000812	0.00243	0.000893	25.6	0.000174	0.0014	0.00754	0.0345	0.156
2035 Jun	5290	110	173	4.91	3190	1.01	38.7	0.000088	0.0658	0.111	0.368	0.386	13.5	1200	0.000682	0.000419	0.00523	0.00298	0.118	0.0000307	40.7	3.88	27	1.47	0.00479	499	0.0699	0.00945	0.00076	0.00227	0.000836	23.9	0.000163	0.00131	0.00707	0.0324	0.146
2035 Jul	5380	111	176	5	3250	1.03	39.5	0.0000896	0.067	0.112	0.375	0.393	13.7	1220	0.000693	0.000428	0.00533	0.00304	0.12	0.0000313	41.4	3.95	27.5	1.49	0.00487	508	0.0712	0.00966	0.000774	0.00231	0.000851	24.3	0.000166	0.00133	0.00719	0.033	0.148
2035 Aug	5520	114	181	5.13	3330	1.06	40.5	0.0000919	0.0688	0.115	0.384	0.403	14.1	1250	0.000711	0.000439	0.00546	0.00312	0.123	0.0000321	42.5	4.05	28.2	1.53	0.00499	521	0.073	0.00991	0.000794	0.00237	0.000873	25	0.00017	0.00137	0.00738	0.0338	0.152
2035 Sep	5390	111	176	5	3250	1.03	39.5	0.0000897	0.0671	0.112	0.375	0.394	13.7	1220	0.000694	0.000429	0.00533	0.00305	0.12	0.0000314	41.4	3.95	27.5	1.49	0.00487	508	0.0712	0.00969	0.000775	0.00231	0.000852	24.4	0.000166	0.00133	0.0072	0.033	0.148
2035 Oct	5310	110	174	4.93	3200	1.02	39	0.0000885	0.0663	0.111	0.37	0.388	13.5	1200	0.000684	0.000424	0.00526	0.00301	0.119	0.000031	40.9	3.9	27.2	1.47	0.0048	501	0.0702	0.00956	0.000769	0.00228	0.00084	24	0.000164	0.00131	0.00711	0.0326	0.146
2035 Nov	5290	109	173	4.91	3190	1.01	38.9	0.0000881	0.066	0.11	0.368	0.386	13.4	1200	0.000681	0.000422	0.00523	0.00299	0.118	0.0000308	40.7	3.88	27	1.46	0.00478	498	0.0699	0.00952	0.000768	0.00227	0.000836	23.9	0.000163	0.00131	0.00707	0.0324	0.145
2035 Dec	5290	109	173	4.91	3190	1.01	38.9	0.0000881	0.066	0.11	0.368	0.386	13.4	1200	0.000681	0.000422	0.00523	0.00299	0.118	0.0000308	40.7	3.88	27	1.46	0.00478	498	0.0699	0.00952	0.000768	0.00227	0.000836	23.9	0.000163	0.00131	0.00707	0.0324	0.145
2036 Jan	5280	109	173	4.91	3190	1.01	38.9	0.0000881	0.066	0.11	0.368	0.386	13.4	1200	0.000681	0.000422	0.00523	0.00299	0.118	0.0000308	40.7	3.88	27	1.46	0.00478	498	0.0699	0.00952	0.000768	0.00227	0.000836	23.9	0.000163	0.00131	0.00707	0.0324	0.145
2036 Feb	5290	109	173	4.91	3190	1.01	38.9	0.0000881	0.066	0.11	0.368	0.386	13.4	1200	0.000681	0.000422	0.00523	0.00299	0.118	0.0000308	40.7	3.88	27	1.46	0.00478	498	0.0699	0.00952	0.000768	0.00227	0.000836	23.9	0.000163	0.00131	0.00707	0.0324	0.145
2036 Mar	5290	109	173	4.91	3190	1.01	38.9	0.0000881	0.066	0.11	0.368	0.386	13.5	1200	0.000681	0.000422	0.00523	0.003	0.118	0.0000308	40.7	3.88	27	1.46	0.00478	498	0.0699	0.00952	0.000768	0.00227	0.000837	23.9	0.000163	0.00131	0.00707	0.0324	0.145
2036 Apr	5310	110	174	4.93	3200	1.02	39.1	0.0000886	0.0663	0.111	0.37	0.388	13.5	1200	0.000684	0.000424	0.00526	0.00301	0.119	0.000031	40.9	3.9	27.2	1.47	0.0048	501	0.0702	0.00957	0.000772	0.00228	0.000841	24	0.000164	0.00132	0.00711	0.0326	0.146
2036 May	5420	112	177	5.03	3270	1.04	39.9	0.0000904	0.0677	0.113	0.377	0.396	13.8	1230	0.000698	0.000433	0.00537	0.00307	0.121	0.0000316	41.7	3.98	27.7	1.5	0.0049	511	0.0717	0.00977	0.000788	0.00233	0.000858	24.5	0.000167	0.00134	0.00726	0.0333	0.149
2036 Jun	5070	105	166	4.7	3060	0.973	37.5	0.0000848	0.0633	0.106	0.353	0.371	12.9	1150	0.000653	0.000407	0.00502	0.00288	0.114	0.0000297	39	3.72	26	1.4	0.00458	478	0.067	0.00924	0.000738	0.00218	0.000803	22.9	0.000157	0.00125	0.00679	0.0312	0.139
2036 Jul	5150	107	168	4.78	3110	0.99	38.2	0.0000863	0.0644	0.108	0.359	0.377	13.1	1170	0.000663	0.000415	0.0051	0.00294	0.116	0.0000302	39.7	3.78	26.5	1.43	0.00466	486	0.0681	0.00943	0.000751	0.00222	0.000817	23.3	0.000159	0.00128	0.00691	0.0317	0.142
2036 Aug	5290	109	173	4.9	3190	1.02	39.2	0.0000886	0.0661	0.11	0.368	0.387	13.4	1200	0.000681	0.000426	0.00524	0.00302	0.119	0.000031	40.7	3.88	27.1	1.46	0.00478	498	0.0699	0.00969	0.00077	0.00227	0.000838	23.9	0.000164	0.00131	0.00709	0.0326	0.145
2036 Sep	5150	106	168	4.77	3100	0.99	38.2	0.0000863	0.0645	0.107	0.359	0.377	13.1	1160	0.000663	0.000416	0.0051	0.00294	0.116	0.0000303	39.7	3.77	26.4	1.42	0.00465	485	0.0681	0.00945	0.00075	0.00221	0.000817	23.3	0.000159	0.00128	0.00691	0.0317	0.142
2036 Oct	5070	105	166	4.71	3060	0.976	37.7	0.0000851	0.0636	0.106	0.354	0.372	12.9	1150	0.000653	0.000411	0.00503	0.0029	0.114	0.0000299	39.1	3.72	26.1	1.4	0.00459	478	0.0671	0.00932	0.000745	0.00218	0.000805	22.9	0.000157	0.00126	0.00681	0.0313	0.14
2036 Nov	5050	104	165	4.68	3040	0.971	37.5	0.0000847	0.0633	0.105	0.352	0.37	12.8	1140	0.00065	0.000409	0.005	0.00289	0.114	0.0000297	38.9	3.7	25.9	1.4	0.00456	476	0.0667	0.00928	0.000744	0.00217	0.000801	22.8	0.000156	0.00125	0.00678	0.0311	0.139
2036 Dec	5050	104	165	4.68	3040	0.971	37.5	0.0000847	0.0633	0.105	0.352	0.37	12.8	1140	0.00065	0.000409	0.005	0.00289	0.114	0.0000297	38.9	3.7	25.9	1.4	0.00456	476	0.0667	0.00928	0.000744	0.00217	0.000801	22.8	0.000156	0.00125	0.00678	0.0311	0.139
2037 Jan	5050	104	165	4.68	3040	0.971	37.5	0.0000847	0.0633	0.105	0.352	0.37	12.8	1140	0.00065	0.000409	0.005	0.00289	0.114	0.0000297	38.9	3.7	25.9	1.4	0.00456	476	0.0667	0.00928	0.000744	0.00217	0.000801	22.8	0.000156	0.00125	0.00678	0.0311	0.139
2037 Feb	5050	104	165	4.68	3040	0.971	37.5	0.0000847	0.0633	0.105	0.352	0.37	12.8	1140	0.00065	0.000409	0.005	0.00289	0.114	0.0000297	38.9	3.7	25.9	1.4	0.00456	476	0.0667	0.00928	0.000744	0.00217	0.000801	22.8	0.000156	0.00125	0.00678	0.0311	0.139
2037 Mar	5050	104	165	4.68	3040	0.971	37.5	0.0000847	0.0633	0.105	0.352	0.37	12.8	1140	0.00065	0.000409	0.005	0.00289	0.114	0.0000297	38.9	3.7	26	1.4	0.00456	476	0.0668	0.00928	0.000744	0.00217	0.000801	22.8	0.000156	0.00125	0.00678	0.0311	0.139
2037 Apr	5070	105	166	4.71	3060	0.976	37.7	0.0000851	0.0636	0.106	0.354	0.372	12.9	1150	0.000653	0.000411	0.00503	0.0029	0.114	0.0000299	39.1	3.72	26.1	1.4	0.00459	478	0.0671	0.00933	0.000748	0.00218	0.000805	22.9	0.000157	0.00126	0.00681	0.0313	0.139
2037 May	5180	107	169	4.8	3120	0.996	38.5	0.0000869	0.0649	0.108	0.361	0.379	13.2	1170	0.000666	0.000419	0.00513	0.00296	0.117	0.0000305	39.9	3.8	26.6	1.43	0.00468	488	0.0685	0.00952	0.000763	0.00223	0.000822	23.4	0.00016	0.00128	0.00695	0.0319	0.142
2037 Jun	4840	100	158	4.49	2920	0.932	36.2	0.0000815	0.0607	0.101	0.337	0.355	12.3	1090	0.000623	0.000394	0.0048	0.00278	0.109	0.0000286	37.3	3.55	25	1.34	0.00437	456	0.064	0.009	0.000714	0.00208	0.000769	21.9	0.00015	0.0012	0.00651	0.0299	0.133
2037 Jul	4920	102	161	4.56	2960	0.948	36.9	0.0000829	0.0618	0.103	0.343	0.361	12.5	1110	0.000633	0.000402	0.00487	0.00283	0.111	0.0000291	38	3.6	25.4	1.36	0.00445	463	0.0651	0.00919	0.000726	0.00212	0.000782	22.2	0.000153	0.00122	0.00662	0.0304	0.135
2037 Aug	5040	104	165	4.67	3040	0.972	37.8	0.000085	0.0634	0.105	0.352	0.37	12.8	1140	0.000649	0.000413	0.005	0.00291	0.114	0.0000299	38.9	3.69	26	1.39	0.00456	475	0.0667	0.00943	0.000745	0.00217	0.000802	22.8	0.000157	0.00125	0.00679	0.0312	0.139
2037 Sep	4910	102	161	4.56	2960	0.948	36.9	0.000083	0.0619	0.103	0.343	0.361	12.5	1110	0.000633	0.000403	0.00487	0.00284	0.112	0.0000292	38	3.6	25.4	1.36	0.00444	463	0.065	0.00921	0.000727	0.00212	0.000783	22.2	0.000153	0.00122	0.00662	0.0305	0.135
2037 Oct	4850	100	158	4.49	2920	0.935	36.4	0.0000819	0.061	0.101	0.338	0.356	12.3	1100	0.000624	0.000398	0.00481	0.0028	0.11	0.0000288	37.4	3.55	25.1	1.34	0.00438	457	0.0641	0.0091	0.000721	0.00209	0.000772	21.9	0.000151	0.0012	0.00654	0.0301	0.133
2037 Nov	4820	99.6	158	4.47	2910	0.931	36.3	0.0000815	0.0608	0.101	0.336	0.354	12.3	1090	0.000621	0.000396	0.00478	0.00279	0.11	0.0000287	37.3	3.53	24.9	1.33	0.00436	454	0.0638	0.00906	0.000721	0.00208	0.000768	21.8	0.00015	0.0012	0.0065	0.0299	0.133
2037 Dec	4820	99.6	158	4.47	2910	0.931	36.3	0.0000815	0.0608	0.101	0.336	0.354	12.3	1090	0.000621	0.000396	0.00478	0.00279	0.11	0.0000287	37.3	3.53	24.9	1.33	0.00436	454	0.0638	0.00906	0.000721	0.00208	0.000768	21.8	0.00015	0.0012	0.0065	0.0299	0.133
2038 Jan	4820	99.6	158	4.47	2910	0.931	36.3	0.0000815	0.0608	0.101	0.336	0.354	12.3	1090	0.000621	0.000396	0.00478	0.00279	0.11	0.0000287	37.3	3.53	24.9	1.33	0.00436	454	0.0638	0.00906	0.000721	0.00208	0.000768	21.8	0.00015	0.0012	0.0065	0.0299	0.133
2038 Feb	4820	99.6	158	4.47	2910	0.931	36.3	0.0000815	0.0608	0.101	0.336	0.354	12.3	1090	0.000621	0.000396	0.00478	0.00279	0.11	0.0000287	37.3	3.53	24.9	1.33	0.00436	454	0.0638	0.00906	0.000721	0.00208	0.000768	21.8	0.00015	0.0012	0.0065	0.0299	0.133
2038 Mar	4820	99.7	158	4.47	2910	0.931	36.3	0.0000815	0.0608	0.101	0.337	0.354	12.3	1090	0.000621	0.000396	0.00478	0.00279	0.11	0.0000287	37.3	3.53	25	1.33	0.00436	454	0.0638	0.00906	0.000721	0.00208	0.000768	21.8	0.00015	0.0012	0.00651	0.0299	0.133
2038 Apr	4850	100	158	4.49	2920	0.936	36.5	0.0000819	0.0611	0.101	0.338	0.356	12.3	1100	0.000624	0.000398	0.00481	0.00281	0.11	0.0000288	37.5	3.55	25.1	1.34	0.00438	457	0.0642	0.00911	0.000725	0.00209	0.000772	21.9	0.000151	0.0012	0.00654	0.0301	0.133
2038 May	4950	102	162	4.59	2980	0.955	37.2	0.0000836	0.0623	0.103	0.345	0.363	12.6	1120	0.000637	0.000407	0.00491	0.00286	0.112	0.0000294	38.2	3.63	25.6	1.37	0.00447	466	0.0655	0.0093	0.000739	0.00214	0.000788	22.3	0.000154	0.00123	0.00667	0.0307	0.136
2038 Jun	4620	95.4	151	4.28	2780	0.894	35	0.0000783	0.0583	0.0964	0.323	0.34	11.7	1040	0.000595	0.000382	0.00459	0.00269	0.105	0.0000276	35.7	3.38	24	1.28	0.00418	435	0.0612	0.00878	0.000692	0.002	0.000737	20.9	0.000144	0.00115	0.00624	0.0287	0.127
2038 Jul	4710	97.4	154	4.37	2840	0.913	35.8	0.00008	0.0595	0.0983	0.329	0.347	12	1070	0.000607	0.000391	0.00468	0.00275	0.108	0.0000282	36.5	3.45	24.5	1.3	0.00426	444	0.0624	0.009	0.000706	0.00204	0.000753	21.3	0.000147	0.00117	0.00638	0.0294	0.13
2038 Aug	4850	100	158	4.5	2920	0.939	36.8	0.0000824	0.0613	0.101	0.339	0.357	12.3	1100	0.000625	0.000403	0.00482	0.00283	0.111	0.0000291	37.5	3.55	25.2	1.34	0.00439	457	0.0642	0.00927	0.000727	0.0021	0.000775	21.9	0.000151	0.0012	0.00656	0.0302	0.133
2038 Sep	4730	97.6	154	4.38	2850	0.915	35.9	0.0000804	0.0598	0.0986	0.33	0.348	12	1070	0.000608	0.000394	0.00469	0.00276	0.108	0.0000284	36.6	3.46	24.6	1.31	0.00427	445	0.0626	0.00905	0.000709	0.00204	0.000755	21.3	0.000147	0.00117	0.0064	0.0295	0.13
2038 Oct	4660	96.2	152	4.32	2810	0.903	35.5	0.0000793	0.059	0.0972	0.326	0.343	11.8	1050	0.0006	0.000389	0.00463	0.00273	0.107	0.000028	36.1	3.41	24.2	1.29	0.00422	439	0.0617	0.00894	0.000704	0.00202	0.000745	21	0.000145	0.00116	0.00631	0.0291	0.128
2038 Nov	4630	95.7	151	4.29	2790	0.898	35.3	0.0000789	0.0587	0.0967	0.324	0.341	11.8	1050	0.000597	0.000387	0.0046	0.00271	0.106	0.0000279	35.9	3.39	24.1	1.28	0.00419	436	0.0614	0.00889	0.000703	0.00201	0.000741	20.9	0.000145	0.00115	0.00628	0.0289	0.127
2038 Dec	4630	95.7	151	4.29	2790	0.898	35.3	0.0000789	0.0587	0.0967	0.324	0.341	11.8	1050	0.000597	0.000387	0.0046	0.00271	0.106	0.0000279	35.9	3.39	24.1	1.28	0.00419	436	0.0614	0.00889	0.000703	0.00201	0.000741	20.9	0.000145	0.00115	0.00628	0.0289	0.127
2039 Jan	4630	95.7	151	4.29	2790	0.898	35.3	0.0000789	0.0587	0.0967	0.324	0.341	11.8	1050	0.000597	0.000387	0.0046	0.00271	0.106	0.0000279	35.9	3.39	24.1	1.28	0.00419	436	0.0614	0.00889	0.000703	0.00201	0.000741	20.9	0.000145	0.00115	0.00628	0.0289	0.127
2039 Feb	4630	95.7	151	4.29	2790	0.898	35.3	0.0000789	0.0587	0.0967	0.324	0.341	11.8	1050	0.000597	0.000387	0.0046	0.00271	0.106	0.0000279	35.9	3.39	24.1	1.28	0.00419	436	0.0614	0.00889	0.000703	0.00201	0.000741	20.9	0.000145	0.00115	0.00628	0.0289	0.127
2039 Mar	4640	95.7	151	4.3	2790	0.898	35.3	0.0000789	0.0587	0.0967	0.324	0.341	11.8	1050	0.000597	0.000387	0.0046	0.00271	0.106	0.0000279	35.9	3.4	24.1	1.28	0.00419	437	0.0614	0.00889	0.000703	0.00201	0.000741	20.9	0.000145	0.00115	0.00628	0.0289	0.127
2039 Apr	4660	96.2	152	4.32	2810	0.903	35.5	0.0000793	0.059	0.0972	0.326	0.343	11.8	1050	0.0006	0.000389	0.00463	0.00273	0.107	0.000028	36.1	3.41	24.3	1.29	0.00421	439	0.0617	0.00894	0.000707	0.00202	0.000745	21	0.000145	0.00116	0.00631	0.0291	0.128
2039 May	4750	98.2	155	4.41	2860	0.921	36.2	0.0000809	0.0602	0.0992	0.332	0.35	12.1	1080	0.000612	0.000397	0.00472	0.00278	0.109	0.0000286	36.8	3.48	24.7	1.31	0.0043	448	0.063	0.00913	0.000721	0.00206	0.00076	21.5	0.000148	0.00118	0.00644	0.0297	0.131
2039 Jun	4440	91.6	145	4.11	2670	0.861	34	0.0000758	0.0563	0.0925	0.31	0.327	11.3	1000	0.000571	0.000373	0.00441	0.00261	0.102	0.0000268	34.4	3.25	23.2	1.23	0.00401	418	0.0588	0.00862	0.000674	0.00192	0.000711	20	0.000139	0.0011	0.00602	0.0278	0.122
2039 Jul	4520	93.2	147	4.18	2720	0.878	34.7	0.0000773	0.0573	0.0942	0.316	0.333	11.5	1020	0.000582	0.000381	0.00449	0.00266	0.104	0.0000273	35	3.31	23.6	1.25	0.00409	425	0.0599	0.00882	0.000687	0.00196	0.000724	20.4	0.000141	0.00112	0.00614	0.0283	0.124
2039 Aug	4650	95.9	152	4.3	2800	0.903	35.7	0.0000795	0.059	0.0969	0.325	0.343	11.8	1050	0.000598	0.000392	0.00462	0.00274	0.107	0.0000281	36	3.4	24.3	1.28	0.0042	437	0.0616	0.00908	0.000707	0.00201	0.000745	21	0.000145	0.00115	0.00631	0.0291	0.128

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2039 Sep	4520	93.3	148	4.19	2720	0.879	34.8	0.0000775	0.0575	0.0943	0.316	0.334	11.5	1020	0.000582	0.000383	0.0045	0.00267	0.104	0.0000274	35.1	3.31	23.7	1.25	0.00409	426	0.0599	0.00885	0.000688	0.00196	0.000725	20.4	0.000142	0.00112	0.00615	0.0284	0.124
2039 Oct	4460	92	145	4.13	2680	0.867	34.3	0.0000764	0.0567	0.0929	0.312	0.329	11.3	1010	0.000574	0.000378	0.00443	0.00264	0.103	0.0000271	34.6	3.26	23.3	1.23	0.00403	419	0.059	0.00873	0.000684	0.00193	0.000715	20.1	0.00014	0.00111	0.00606	0.028	0.122
2039 Nov	4430	91.5	145	4.1	2670	0.862	34.2	0.000076	0.0565	0.0924	0.31	0.327	11.3	1000	0.000571	0.000376	0.00441	0.00262	0.102	0.0000269	34.4	3.24	23.2	1.23	0.00401	417	0.0587	0.00869	0.000683	0.00192	0.000711	20	0.000139	0.0011	0.00603	0.0279	0.122
2039 Dec	4430	91.5	145	4.1	2670	0.862	34.2	0.000076	0.0565	0.0924	0.31	0.327	11.2	1000	0.000571	0.000376	0.00441	0.00262	0.102	0.0000269	34.4	3.24	23.2	1.23	0.00401	417	0.0587	0.00869	0.000683	0.00192	0.000711	20	0.000139	0.0011	0.00603	0.0279	0.122
2040 Jan	4430	91.5	145	4.1	2670	0.862	34.2	0.000076	0.0565	0.0924	0.31	0.327	11.2	1000	0.000571	0.000376	0.00441	0.00262	0.102	0.0000269	34.4	3.24	23.2	1.23	0.00401	417	0.0587	0.00869	0.000683	0.00192	0.000711	20	0.000139	0.0011	0.00603	0.0279	0.122
2040 Feb	4430	91.5	145	4.1	2670	0.862	34.2	0.000076	0.0565	0.0924	0.31	0.327	11.3	1000	0.000571	0.000376	0.00441	0.00262	0.102	0.0000269	34.4	3.24	23.2	1.23	0.00401	417	0.0587	0.00869	0.000683	0.00192	0.000711	20	0.000139	0.0011	0.00603	0.0279	0.122
2040 Mar	4430	91.5	145	4.11	2670	0.863	34.2	0.000076	0.0565	0.0924	0.31	0.327	11.3	1000	0.000571	0.000376	0.00441	0.00263	0.102	0.0000269	34.4	3.25	23.2	1.23	0.00401	417	0.0587	0.0087	0.000683	0.00192	0.000712	20	0.000139	0.0011	0.00603	0.0279	0.122
2040 Apr	4460	92	145	4.13	2680	0.867	34.4	0.0000764	0.0568	0.0929	0.312	0.329	11.3	1010	0.000574	0.000378	0.00443	0.00264	0.103	0.0000271	34.6	3.26	23.3	1.23	0.00403	419	0.0591	0.00874	0.000687	0.00193	0.000715	20.1	0.00014	0.00111	0.00606	0.028	0.122
2040 May	4550	93.9	148	4.21	2740	0.885	35.1	0.000078	0.0579	0.0948	0.318	0.336	11.5	1030	0.000586	0.000386	0.00452	0.00269	0.105	0.0000276	35.3	3.33	23.8	1.26	0.00412	428	0.0603	0.00893	0.000701	0.00197	0.00073	20.5	0.000142	0.00113	0.00619	0.0286	0.125
2040 Jun	4240	87.5	138	3.93	2550	0.827	32.9	0.000073	0.0541	0.0884	0.297	0.313	10.8	959	0.000546	0.000362	0.00422	0.00253	0.0982	0.0000259	33	3.1	22.3	1.17	0.00384	399	0.0562	0.00843	0.000655	0.00184	0.000682	19.1	0.000133	0.00105	0.00578	0.0267	0.116
2040 Jul	4330	89.4	141	4.01	2610	0.846	33.7	0.0000747	0.0553	0.0904	0.303	0.32	11	980	0.000558	0.000371	0.00432	0.00259	0.101	0.0000265	33.7	3.17	22.8	1.2	0.00392	408	0.0575	0.00865	0.00067	0.00188	0.000697	19.6	0.000136	0.00108	0.00591	0.0273	0.119
2040 Aug	4460	91.9	145	4.12	2680	0.87	34.7	0.0000768	0.0569	0.0929	0.312	0.329	11.3	1010	0.000574	0.000382	0.00444	0.00266	0.103	0.0000273	34.7	3.26	23.5	1.23	0.00403	419	0.0591	0.0089	0.000689	0.00194	0.000717	20.1	0.00014	0.00111	0.00608	0.0281	0.122
2040 Sep	4330	89.3	141	4.01	2610	0.846	33.8	0.0000748	0.0554	0.0903	0.303	0.32	11	979	0.000558	0.000372	0.00431	0.00259	0.101	0.0000266	33.7	3.17	22.8	1.2	0.00392	408	0.0574	0.00867	0.00067	0.00188	0.000698	19.5	0.000136	0.00108	0.00592	0.0274	0.119
2040 Oct	4270	88	139	3.95	2570	0.834	33.3	0.0000737	0.0546	0.089	0.299	0.316	10.8	965	0.000549	0.000367	0.00425	0.00256	0.0994	0.0000262	33.2	3.12	22.5	1.18	0.00386	402	0.0566	0.00856	0.000665	0.00186	0.000687	19.2	0.000134	0.00106	0.00583	0.027	0.117
2040 Nov	4250	87.6	138	3.93	2550	0.829	33.2	0.0000734	0.0544	0.0885	0.297	0.314	10.8	960	0.000547	0.000366	0.00423	0.00254	0.0989	0.0000261	33	3.11	22.4	1.17	0.00384	399	0.0563	0.00852	0.000665	0.00185	0.000684	19.1	0.000133	0.00106	0.0058	0.0269	0.116
2040 Dec	4250	87.6	138	3.93	2550	0.829	33.2	0.0000734	0.0544	0.0885	0.297	0.314	10.8	960	0.000547	0.000366	0.00423	0.00254	0.0989	0.0000261	33	3.11	22.4	1.17	0.00384	399	0.0563	0.00852	0.000665	0.00185	0.000684	19.1	0.000133	0.00106	0.0058	0.0269	0.116
2041 Jan	4250	87.6	138	3.93	2550	0.829	33.2	0.0000734	0.0544	0.0885	0.297	0.314	10.8	960	0.000547	0.000366	0.00423	0.00254	0.0989	0.0000261	33	3.11	22.4	1.17	0.00384	399	0.0563	0.00851	0.000665	0.00185	0.000684	19.1	0.000133	0.00106	0.0058	0.0269	0.116
2041 Feb	4250	87.6	138	3.93	2550	0.829	33.2	0.0000734	0.0544	0.0885	0.297	0.314	10.8	960	0.000547	0.000366	0.00423	0.00254	0.0989	0.0000261	33	3.11	22.4	1.17	0.00384	399	0.0563	0.00852	0.000665	0.00185	0.000684	19.1	0.000133	0.00106	0.0058	0.0269	0.116
2041 Mar	4250	87.6	138	3.93	2560	0.83	33.2	0.0000734	0.0544	0.0885	0.297	0.314	10.8	960	0.000547	0.000366	0.00423	0.00254	0.0989	0.0000261	33.1	3.11	22.4	1.17	0.00384	400	0.0563	0.00852	0.000665	0.00185	0.000684	19.2	0.000134	0.00106	0.0058	0.0269	0.116
2041 Apr	4270	88	139	3.95	2570	0.834	33.3	0.0000738	0.0547	0.089	0.299	0.316	10.8	965	0.00055	0.000368	0.00425	0.00256	0.0995	0.0000262	33.2	3.12	22.5	1.18	0.00386	402	0.0566	0.00856	0.000668	0.00186	0.000688	19.2	0.000134	0.00106	0.00583	0.027	0.117
2041 May	4360	89.8	142	4.03	2620	0.851	34	0.0000753	0.0558	0.0908	0.305	0.322	11	985	0.000561	0.000375	0.00434	0.00261	0.101	0.0000268	33.9	3.19	23	1.2	0.00394	410	0.0578	0.00874	0.000682	0.0019	0.000702	19.6	0.000137	0.00108	0.00595	0.0275	0.119
2041 Jun	4060	83.7	132	3.75	2440	0.795	31.9	0.0000704	0.0521	0.0846	0.284	0.301	10.3	917	0.000522	0.000352	0.00405	0.00245	0.0948	0.0000251	31.6	2.97	21.5	1.12	0.00367	382	0.0538	0.00825	0.000637	0.00177	0.000655	18.3	0.000128	0.00101	0.00556	0.0257	0.111
2041 Jul	4140	85.4	135	3.83	2490	0.812	32.7	0.000072	0.0532	0.0863	0.29	0.307	10.5	936	0.000533	0.000361	0.00413	0.0025	0.0969	0.0000256	32.3	3.03	22	1.14	0.00375	390	0.055	0.00846	0.00065	0.00181	0.000669	18.7	0.000131	0.00103	0.00568	0.0263	0.114
2041 Aug	4260	87.8	139	3.94	2560	0.835	33.6	0.000074	0.0547	0.0887	0.299	0.316	10.8	963	0.000548	0.000371	0.00425	0.00257	0.0998	0.0000264	33.2	3.11	22.6	1.18	0.00385	401	0.0565	0.00871	0.000669	0.00186	0.000688	19.2	0.000134	0.00106	0.00584	0.0271	0.117
2041 Sep	4150	85.5	135	3.84	2500	0.813	32.8	0.0000722	0.0534	0.0865	0.291	0.308	10.5	938	0.000534	0.000363	0.00414	0.00251	0.0974	0.0000257	32.4	3.03	22	1.15	0.00375	390	0.0551	0.0085	0.000652	0.00181	0.000671	18.7	0.000131	0.00103	0.00569	0.0264	0.114
2041 Oct	4090	84.2	133	3.78	2460	0.801	32.3	0.0000712	0.0526	0.0851	0.287	0.303	10.4	924	0.000526	0.000358	0.00408	0.00248	0.096	0.0000254	31.9	2.99	21.7	1.13	0.0037	384	0.0542	0.00838	0.000647	0.00178	0.000661	18.4	0.000129	0.00102	0.00561	0.026	0.112
2041 Nov	4060	83.7	132	3.76	2440	0.797	32.2	0.0000708	0.0524	0.0847	0.285	0.301	10.3	918	0.000523	0.000356	0.00405	0.00247	0.0955	0.0000252	31.7	2.97	21.6	1.12	0.00368	382	0.0539	0.00834	0.000647	0.00177	0.000657	18.3	0.000128	0.00101	0.00558	0.0259	0.111
2041 Dec	4060	83.7	132	3.76	2440	0.797	32.2	0.0000708	0.0524	0.0847	0.285	0.301	10.3	918	0.000523	0.000356	0.00405	0.00247	0.0955	0.0000252	31.7	2.97	21.6	1.12	0.00368	382	0.0539	0.00834	0.000647	0.00177	0.000657	18.3	0.000128	0.00101	0.00558	0.0259	0.111
2042 Jan	4060	83.7	132	3.76	2440	0.797	32.2	0.0000708	0.0524	0.0847	0.285	0.301	10.3	918	0.000523	0.000356	0.00405	0.00247	0.0955	0.0000252	31.7	2.97	21.6	1.12	0.00368	382	0.0539	0.00834	0.000647	0.00177	0.000657	18.3	0.000128	0.00101	0.00558	0.0259	0.111
2042 Feb	4060	83.7	132	3.76	2440	0.797	32.2	0.0000708	0.0524	0.0847	0.285	0.301	10.3	918	0.000523	0.000356	0.00405	0.00247	0.0955	0.0000252	31.7	2.97	21.6	1.12	0.00368	382	0.0539	0.00834	0.000647	0.00177	0.000657	18.3	0.000128	0.00101	0.00558	0.0259	0.111
2042 Mar	4060	83.8	132	3.76	2440	0.797	32.2	0.0000708	0.0524	0.0847	0.285	0.301	10.3	919	0.000523	0.000356	0.00405	0.00247	0.0956	0.0000253	31.7	2.97	21.6	1.12	0.00368	382	0.0539	0.00834	0.000647	0.00177	0.000657	18.3	0.000128	0.00101	0.00558	0.0259	0.111
2042 Apr	4090	84.2	133	3.78	2460	0.801	32.3	0.0000712	0.0526	0.0851	0.287	0.303	10.4	923	0.000526	0.000358	0.00407	0.00248	0.096	0.0000254	31.9	2.99	21.7	1.13	0.0037	384	0.0542	0.00839	0.00065	0.00178	0.000661	18.4	0.000129	0.00102	0.00561	0.026	0.112
2042 May	4170	85.9	136	3.85	2510	0.818	33	0.0000726	0.0537	0.0869	0.292	0.309	10.6	942	0.000537	0.000365	0.00416	0.00253	0.098	0.0000259	32.5	3.05	22.1	1.15	0.00377	392	0.0553	0.00856	0.000664	0.00182	0.000674	18.8	0.000132	0.00104	0.00573	0.0265	0.114
2042 Jun	3890	80.1	127	3.59	2340	0.764	31	0.000068	0.0502	0.081	0.273	0.289	9.85	878	0.0005	0.000343	0.00388	0.00237	0.0916	0.0000243	30.4	2.84	20.7	1.07	0.00352	365	0.0516	0.00808	0.00062	0.0017	0.00063	17.5	0.000123	0.000968	0.00535	0.0248	0.106
2042 Jul	3970	81.7	129	3.67	2390	0.781	31.7	0.0000695	0.0512	0.0826	0.279	0.295	10	897	0.000511	0.000351	0.00396	0.00243	0.0937	0.0000248	31	2.9	21.2	1.09	0.00359	373	0.0527	0.00829	0.000633	0.00173	0.000643	17.9	0.000126	0.000989	0.00547	0.0254	0.109
2042 Aug	4080	84	133	3.77	2450	0.803	32.6	0.0000715	0.0527	0.085	0.286	0.303	10.3	922	0.000525	0.000362	0.00407	0.0025	0.0964	0.0000256	31.9	2.98	21.8	1.13	0.00369	383	0.0542	0.00854	0.000651	0.00178	0.000662	18.4	0.000129	0.00102	0.00562	0.0261	0.112
2042 Sep	3970	81.8	129	3.67	2390	0.782	31.8	0.0000697	0.0514	0.0827	0.279	0.295	10.1	897	0.000511	0.000353	0.00397	0.00243	0.0941	0.0000249	31.1	2.9	21.2	1.1	0.00359	373	0.0527	0.00833	0.000634	0.00174	0.000645	17.9	0.000126	0.00099	0.00548	0.0254	0.109
2042 Oct	3910	80.5	127	3.61	2350	0.77	31.4	0.0000687	0.0507	0.0814	0.275	0.291	9.9	884	0.000503	0.000348	0.00391	0.0024	0.0928	0.0000246	30.6	2.86	20.9	1.08	0.00354	368	0.0519	0.00821	0.00063	0.00171	0.000635	17.6	0.000124	0.000975	0.0054	0.0251	0.107
2042 Nov	3890	80.1	127	3.59	2340	0.766	31.2	0.0000683	0.0504	0.081	0.273	0.289	9.85	879	0.000501	0.000346	0.00388	0.00239	0.0923	0.0000244	30.4	2.84	20.8	1.07	0.00352	365	0.0516	0.00817	0.00063	0.0017	0.000632	17.5	0.000123	0.00097	0.00537	0.0249	0.106
2042 Dec	3890	80.1	127	3.59	2340	0.766	31.2	0.0000683	0.0504	0.081	0.273	0.289	9.85	879	0.000501	0.000346	0.00388	0.00239	0.0923	0.0000244	30.4	2.84	20.8	1.07	0.00352	365	0.0516	0.00817	0.00063	0.0017	0.000632	17.5	0.000123	0.00097	0.00537	0.0249	0.106
2043 Jan	3890	80.1	127	3.59	2340	0.766	31.2	0.0000683	0.0504	0.081	0.273	0.289	9.85	879	0.0005	0.000346	0.00388	0.00239	0.0923	0.0000244	30.4	2.84	20.8	1.07	0.00352	365	0.0516	0.00817	0.00063	0.0017	0.000632	17.5	0.000123	0.000969	0.00537	0.0249	0.106
2043 Feb	3890	80.1	127	3.59	2340	0.766	31.2	0.0000683	0.0504	0.081	0.273	0.289	9.85	879	0.000501	0.000346	0.00388	0.00239	0.0923	0.0000244	30.4	2.84	20.8	1.07	0.00352	365	0.0516	0.00817	0.00063	0.0017	0.000632	17.5	0.000123	0.00097	0.00537	0.0249	0.106
2043 Mar	3890	80.1	127	3.59	2340	0.766	31.2	0.0000683	0.0504	0.081	0.273	0.289	9.85	879	0.000501	0.000347	0.00389	0.00239	0.0923	0.0000245	30.4	2.84	20.8	1.07	0.00352	366	0.0516	0.00817	0.00063	0.0017	0.000632	17.5	0.000123	0.00097	0.00537	0.0249	0.107
2043 Apr	3910	80.5	127	3.61	2350	0.77	31.3	0.0000686	0.0507	0.0814	0.274	0.291	9.89	883	0.000503	0.000348	0.0039	0.0024	0.0927	0.0000246	30.6	2.85	20.9	1.08	0.00354	367	0.0519	0.00822	0.000633	0.00171	0.000635	17.6	0.000124	0.000974	0.00539	0.0251	0.107
2043 May	3990	82.1	130	3.68	2400	0.785	32	0.00007	0.0517	0.083	0.28	0.296	10.1	900	0.000513	0.000355	0.00398	0.00245	0.0946	0.0000251	31.2	2.91	21.3	1.1	0.00361	375	0.0529	0.00839	0.000645	0.00174	0.000647	17.9	0.000126	0.000994	0.0055	0.0256	0.109
2043 Jun	3720	76.5	121	3.43	2230	0.734	30	0.0000655	0.0483	0.0774	0.261	0.277	9.41	840	0.000478	0.000334	0.00371	0.0023	0.0884	0.0000235	29.1	2.71	20	1.02	0.00336	349	0.0494	0.00793	0.000603	0.00163	0.000605	16.7	0.000118	0.000927	0.00514	0.0239	0.102
2043 Jul	3800	78.1	124	3.51	2280	0.75	30.8	0.0000671	0.0493	0.0791	0.267	0.283	9.61	858	0.000489	0.000342	0.0038	0.00235	0.0905	0.0000241	29.8	2.77	20.4	1.05	0.00344	357	0.0504	0.00814	0.000617	0.00167	0.000618	17.1	0.000121	0.000947	0.00526	0.0245	0.104
2043 Aug	3880	79.8	126	3.58	2330	0.767	31.5	0.0000685	0.0504	0.0807	0.273	0.289	9.81	876	0.000499	0.00035	0.00388	0.00241	0.0926	0.0000246	30.4	2.83	20.9	1.07	0.00351	364	0.0515	0.00832	0.00063	0.0017	0.000632	17.5	0.000123	0.000968	0.00537	0.025	0.106
2043 Sep	3780	77.7	123	3.49	2270	0.747	30.7	0.0000668	0.0492	0.0786	0.266	0.282	9.55	853	0.000486	0.000342	0.00378	0.00235	0.0903	0.000024	29.6	2.76	20.3	1.04	0.00342	355	0.0502	0.00812	0.000614	0.00166	0.000616	17	0.00012	0.000942	0.00523	0.0244	0.103
2043 Oct	3720	76.4	121	3.43	2230	0.735	30.2	0.0000658	0.0485	0.0773	0.261	0.277	9.4	839	0.000478	0.000337	0.00372	0.00231	0.089	0.0000236	29.2	2.71	20	1.02	0.00336	349	0.0494	0.008	0.000609	0.00163	0.000606	16.7	0.000118	0.000928	0.00515	0.024	0.102
2043 Nov	3690	76	120	3.41	2220	0.731	30.1	0.0000654	0.0482	0.0769	0.26	0.276	9.35	834	0.000475	0.000335	0.0037	0.0023	0.0885	0.0000235	29	2.7	19.9	1.02	0.00334	347	0.0491	0.00796	0.000609	0.00162	0.000603	16.6	0.000118	0.000922	0.00512	0.0239	0.101
2043 Dec	3690	76	120	3.41	2220	0.731	30.1	0.0000654	0.0482	0.0769	0.26	0.276	9.35	834	0.000475	0.000335	0.0037	0.0023	0.0885	0.0000235	29	2.7	19.9	1.02	0.00334	347	0.0491	0.00796	0.000609	0.00162	0.000603	16.6	0.000118	0.000922	0.00512	0.0239	0.101
2044 Jan	3690	76	120	3.41	2220	0.731	30.1	0.0000654	0.0482	0.0769	0.26	0.276	9.35	834	0.000475	0.000335	0.0037	0.0023	0.0885	0.0000235	29	2.7	19.9	1.02	0.00334	347	0.0491	0.00796	0.000609	0.00162	0.000603	16.6	0.000118	0.000922	0.00512	0.0239	0.101
2044 Feb	3690	76	120	3.41	2220	0.731	30.1	0.0000654	0.0482	0.0769	0.26	0.276	9.35	834	0.000475	0.000335	0.0037	0.0023	0.0885	0.0000235	29	2.7	19.9	1.02	0.00334	347	0.0491	0.00796	0.000609	0.00162	0.000603	16.6	0.000118	0.000922	0.00512	0.0239	0.101
2044 Mar	3700	76	120	3.41	2220	0.731	30.1	0.0000655	0.0482	0.0769	0.26	0.276	9.35	835	0.000476	0.000335	0.0037	0.0023	0.0886	0.0000235	29	2.7	19.9	1.02	0.00334	347	0.0491	0.00796	0.000609	0.00162	0.000603	16.6	0.000118	0.000922	0.00513	0.0239	0.101
2044 Apr	3710	76.4	121	3.43	2230	0.735	30.2	0.0000658	0.0484	0.0773	0.261	0.277	9.39	839	0.000478	0.000337	0.00371	0.00231	0.089	0.0000236	29.1	2.71	20	1.02	0.00336	349	0.0493	0.00801	0.000612	0.00163	0.000606	16.7	0.000118	0.000927	0.00515	0.024	0.102
2044 May	3790	78	123	3.5	2280	0.75	30.8	0.0000671	0.0494	0.0789	0.267	0.283	9.59	856	0.000488	0.000344	0.00379	0.00236	0.0908	0.0000241	29.7	2.76	20.4	1.04	0.00343	356	0.0503	0.00819	0.000625	0.00166	0.000618	17.1	0.000121	0.000946	0.00526	0.0245	0.104
2044 Jun	3540	72.7	115	3.26	2120	0.701	29	0.0000629	0.0462	0.0736	0.249	0.264	8.94	798	0.000455	0.000323	0.00354	0.00222	0.085	0.0000226	27.8	2.58	19.1	0.974	0.0032	332	0.047	0.00774	0.000584	0.00155	0.000578	15.9	0.000113	0.000883	0.00492	0.0229	0.0967
2044 Jul	3610	74.2	117	3.33	2170	0.717	29.7	0.0000643	0.0472	0.0751	0.254	0.27	9.13	815	0.000464	0.000331	0.00361	0.00227	0.0869	0.0000232	28.4	2.63	19.6	0.994	0.00327	339	0.048	0.00794	0.000597	0.00159	0.000591	16.2	0.000115	0.000902	0.00502	0.0234	0.0987
2044 Aug	3700	76.1	120	3.42	2220	0.736	30.5	0.000066	0.0485	0.0771	0.261	0.277	9.36	836	0.000477	0.00034	0.00371	0.00233	0.0893	0.0000238	29.1	2.7	20.1	1.02	0.00335	348	0.0492	0.00816	0.000612	0.00163	0.000606	16.7	0.000118	0.000925	0.00516	0.0241	0.101
2044 Sep	3600	74	117	3.32	2160	0.716	29.7	0.0000643	0.0472	0.0749	0.254	0.269	9.11	813	0.000463	0.000332	0.00361	0.00227	0.0871	0.0000232	28.3	2.63	19.5	0.992	0.00326	338	0.0479	0.00795	0.000596	0.00159	0.00059	16.2	0.000115	0.0009	0.00502	0.0234	0.0985
2044 Oct	3540	72.8	115	3.27	2130	0.704	29.2	0.0000633	0.0465	0.0737	0.25	0.265	8.96	800	0.000456	0.000327	0.00355	0.00224	0.0857	0.0000228	27.9	2.58	19.2	0.976	0.00321	333	0.0471	0.00783	0.000591	0.00156	0.000581	15.9	0.000113	0.000886	0.00494	0.0231	0.0969
2044 Nov	3520	72.4	114	3.25	2110	0.7	29.1	0.000063	0.0463	0.0733	0.248	0.264	8.9	795	0.000453	0.000325	0.00353	0.00222	0.0853	0.0000227	27.7	2.57	19.1	0.97	0.00319	331	0.0468	0.00779	0.000591	0.00155	0.000577	15.8	0.000113	0.00088	0.00491	0.0229	0.0963
2044 Dec	3520	72.4	114	3.25	2110	0.7	29.1	0.000063	0.0463	0.0733	0.248	0.264	8.9	795	0.000453	0.000325	0.00353	0.00222	0.0853	0.0000227	27.7	2.57	19.1	0.97	0.00319	331	0.0468	0.00779	0.000591	0.00155	0.000577	15.8	0.000113	0.00088	0.00491	0.0229	0.0963
2045 Jan	3520	72.4	114	3.25	2110	0.7	29.1	0.000063	0.0463	0.0733	0.248	0.264	8.9	795	0.000453	0.000325	0.00353	0.00222	0.0853	0.0000227	27.7	2.57	19.1	0.97	0.00319	331	0.0468	0.00779	0.000591	0.00155	0.000577	15.8	0.000113	0.00088	0.00491	0.0229	0.0963
2045 Feb	3520	72.4	114	3.25	2110	0.7	29.1	0.000063	0.0463	0.0733	0.248	0.264	8.9	795	0.000453	0.000325	0.00353	0.00222	0.0853	0.0000227	27.7	2.57	19.1	0.97	0.00319	331	0.0468	0.00779	0.000591	0.00155	0.000577	15.8	0.000113	0.00088	0.00491	0.0229	0.0963
2045 Mar	3520	72.4	114	3.25	2120	0.701	29.1	0.000063	0.0463	0.0733	0.248	0.264	8.91	796	0.000453	0.000325	0.00353	0.00222	0.0853	0.0000227	27.7	2.57	19.1	0.97	0.00319	331	0.0468	0.00779	0.000591	0.00155	0.000577	15.8	0.000113	0.000881	0.00491	0.0229	0.0963
2045 Apr	3540	72.8	115	3.26	2130	0.704	29.2	0.0000633	0.0465	0.0737	0.249	0.265	8.95	799	0.000456	0.000327	0.00355	0.00224	0.0857	0.0000228	27.9	2.58	19.2	0.975	0.0032	332	0.0471	0.00784	0.000594	0.00156	0.00058	15.9	0.000113	0.000885	0.00494	0.023	0.0968
2045 May	3610	74.2	117	3.33	2170	0.718	29.8	0.0000646	0.0474	0.0751	0.254	0.27	9.13	815	0.000465	0.000334	0.00362	0.00228	0.0874	0.0000233	28.4	2.63	19.6	0.994	0.00327	339	0.048	0.00801	0.000606	0.00159	0.000592	16.2	0.000116	0.000903	0.00504	0.0235	0.0987
2045 Jun	3360	69.1	109	3.1	2020	0.671	28	0.0000604	0.0443	0.07	0.237	0.252	8.5	760	0.000433	0.000314	0.00337	0.00214	0.0817	0.0000218	26.5	2.45	18.3	0.926	0.00304	316	0.0447	0.00756	0.000566	0.00148	0.000553	15.1	0.000108	0.000841	0.0047	0.022	0.0919
2045 Jul	3440	70.6	112	3.17	2060	0.686	28.7	0.0000618	0.0453	0.0715	0.243	0.258	8.68	776	0.000442	0.000321	0.00345	0.00219	0.0836	0.0000224	27.1	2.5	18.8	0.946	0.00311	323	0.0457	0.00776	0.000579	0.00152	0.000565	15.5	0.00011	0.00086	0.00481	0.0225	0.0939
2045 Aug	3530	72.4	114	3.25	2120	0.704	29.5	0.0000635	0.0465	0.0733	0.249	0.265	8.91	796	0.000454	0.00033	0.00354	0.00225	0.0859	0.000023	27.8	2.57	19.3	0.97	0.00319	331	0.0469	0.00797	0.000594	0.00156	0.00058	15.8	0.000113	0.000882	0.00494	0.0231	0.0963
2045 Sep	3430	70.4	111	3.16	2060	0.685	28.7	0.0000618	0.0453	0.0713	0.242	0.257	8.66	774	0.000441	0.000322	0.00344	0.00219	0.0838	0.0000224	27.1	2.5	18.8	0.944	0.0031	322	0.0456	0.00777	0.000578	0.00152	0.000564	15.4	0.00011	0.000858	0.00481	0.0225	0.0937
2045 Oct	3380	69.3	110	3.11	2030	0.675	28.3	0.0000609	0.0446	0.0702	0.238	0.253	8.53	762	0.000434	0.000318	0.00339	0.00216	0.0826	0.000022	26.6	2.46	18.5	0.929	0.00306	317	0.0449	0.00766	0.000574	0.00149	0.000556	15.2	0.000108	0.000845	0.00473	0.0221	0.0922
2045 Nov	3360	68.9	109	3.09	2010	0.671	28.1	0.0000606	0.0444	0.0698	0.237	0.252	8.48	758	0.000432	0.000316	0.00337	0.00215	0.0821	0.0000219	26.5	2.44	18.4	0.924	0.00304	315	0.0447	0.00762	0.000574	0.00148	0.000553	15.1	0.000108	0.00084	0.00471	0.022	0.0917
2045 Dec	3360	68.9	109	3.09	2010	0.671	28.1	0.0000606	0.0444	0.0698	0.237	0.252	8.48	758	0.000432	0.000316	0.00337	0.00215	0.0821	0.0000219	26.5	2.44	18.4	0.924	0.00304	315	0.0447	0.00762	0.000574	0.00148	0.000553	15.1	0.000108	0.00084	0.00471	0.022	0.0917
2046 Jan	3360	68.9	109	3.09	2010	0.671	28.1	0.0000606	0.0444	0.0698	0.237	0.252	8.48	758	0.000432	0.000316	0.00337	0.00215	0.0821	0.0000219	26.5	2.44	18.4	0.923	0.00304	315	0.0447	0.00762	0.000574	0.00148	0.000553	15.1	0.000108	0.00084	0.00471	0.022	0.0917
2046 Feb	3360	68.9	109	3.09	2010	0.671	28.1	0.0000606	0.0444	0.0698	0.237	0.252	8.48	758	0.000432	0.000316	0.00337	0.00215	0.0821	0.0000219	26.5	2.44	18.4	0.924	0.00304	315	0.0447	0.00762	0.000574	0.00148	0.000553	15.1	0.000108	0.00084	0.00471	0.022	0.0917
2046 Mar	3360	68.9	109	3.09	2010	0.671	28.1	0.0000606	0.0444	0.0698	0.237	0.252	8.48	758	0.000432	0.000316	0.00337	0.00215	0.0821	0.0000219	26.5	2.45	18.4	0.924	0.00304	315	0.0447	0.00762	0.000574	0.00148	0.000553	15.1	0.000108	0.00084	0.00471	0.022	0.0917
2046 Apr	3370	69.3	110	3.11	2020	0.674	28.3	0.0000609	0.0446	0.0701	0.238	0.253	8.52	762	0.000434	0.000318	0.00339	0.00216	0.0825	0.000022	26.6	2.46	18.5	0.928	0.00305	316	0.0449	0.00767	0.000577	0.00149	0.000556	15.2	0.000108	0.000844	0.00473	0.0221	0.0921
2046 May	3440	70.7	112	3.17	2070	0.688	28.9	0.0000621	0.0455	0.0716	0.243	0.258	8.69	777	0.000443	0.000324	0.00345	0.0022	0.0842	0.0000225	27.2	2.51	18.8	0.947	0.00312	323	0.0458	0.00784	0.000589	0.00152	0.000567	15.5	0.000111	0.000861	0.00483	0.0226	0.094
2046 Jun	3200	65.7	104	2.95	1920	0.641	27.1	0.000058	0.0424	0.0665	0.226	0.241	8.08	722	0.000412	0.000304	0.00321	0.00206	0.0786	0.0000211	25.3	2.33	17.6	0.88	0.0029	300	0.0426	0.00739	0.000549	0.00142	0.000528	14.4	0.000103	0.000801	0.0045	0.0211	0.0874
2046 Jul	3270	67.2	106	3.01	1960	0.657	27.8	0.0000594	0.0434	0.068	0.231	0.246	8.26	739	0.000421	0.000312	0.00329	0.00212	0.0805	0.0000216	25.9	2.38	18	0.9	0.00296	307	0.0436	0.00759	0.000562	0.00145	0.000541	14.7	0.000106	0.00082	0.00461	0.0216	0.0893
2046 Aug	3350	68.8	109	3.09	2010	0.673	28.5	0.000061	0.0446	0.0697	0.237	0.252	8.47	757	0.000432	0.00032	0.00337	0.00217	0.0826	0.0000221	26.6	2.44	18.5	0.922	0.00304	315	0.0447	0.00779	0.000576	0.00149	0.000555	15.1	0.000108	0.00084	0.00473	0.0221	0.0916
2046 Sep	3270	67	106	3.01	1960	0.656	27.8	0.0000595	0.0435	0.0679	0.231	0.246	8.24	737	0.00042	0.000313	0.00328	0.00212	0.0807	0.0000216	25.9	2.38	18	0.898	0.00296	306	0.0435	0.00761	0.000561	0.00145	0.00054	14.7	0.000105	0.000819	0.00461	0.0216	0.0892
2046 Oct	3210	65.9	104	2.96	1930	0.646	27.4	0.0000585	0.0428	0.0668	0.227	0.242	8.11	725	0.000413	0.000308	0.00323	0.00209	0.0795	0.0000213	25.5	2.34	17.7	0.884	0.00291	301	0.0428	0.00749	0.000557	0.00143	0.000532	14.4	0.000104	0.000806	0.00453	0.0213	0.0877
2046 Nov	3200	65.6	104	2.94	1920	0.642	27.2	0.0000582	0.0426	0.0664	0.226	0.241	8.06	721	0.000411	0.000307	0.00321	0.00208	0.079	0.0000212	25.3	2.33	17.6	0.879	0.00289	300	0.0426	0.00746	0.000557	0.00142	0.000529	14.3	0.000103	0.000801	0.00451	0.0212	0.0872
2046 Dec	3200	65.6	104	2.94	1920	0.642	27.2	0.0000582	0.0426	0.0664	0.226	0.241	8.06	721	0.000411	0.000307	0.00321	0.00208	0.079	0.0000212	25.3	2.33	17.6	0.879	0.00289	300	0.0426	0.00746	0.000557	0.00142	0.000529	14.3	0.000103	0.000801	0.00451	0.0212	0.0872
2047 Jan	3200	65.6	104	2.94	1920	0.642	27.2	0.0000582	0.0426	0.0664	0.226	0.241	8.06	721	0.000411	0.000307	0.00321	0.00208	0.079	0.0000212	25.3	2.33	17.6	0.878	0.00289	300	0.0426	0.00745	0.000557	0.00142	0.000529	14.3	0.000103	0.000801	0.00451	0.0212	0.0872
2047 Feb	3200	65.6	104	2.94	1920	0.642	27.2	0.0000582	0.0426	0.0664	0.226	0.241	8.06	721	0.000411	0.000307	0.00321	0.00208	0.0791	0.0000212	25.3	2.33	17.6	0.879	0.00289	300	0.0426	0.00746	0.000557	0.00142	0.000529	14.3	0.000103	0.000801	0.00451	0.0212	0.0872
2047 Mar	3200	65.6	104	2.94	1920	0.642	27.2	0.0000582	0.0426	0.0664	0.226	0.241	8.06	721	0.000411	0.000307	0.00321	0.00208	0.0791	0.0000212	25.3	2.33	17.6	0.879	0.00289	300	0.0426	0.00746	0.000557	0.00142	0.000529	14.4	0.000103	0.000801	0.00451	0.0212	0.0872
2047 Apr	3210	65.9	104	2.96	1930	0.645	27.4	0.0000585	0.0428	0.0668	0.227	0.242	8.1	725	0.000413	0.000308	0.00323	0.00209	0.0795	0.0000213	25.4	2.34	17.7	0.883	0.00291	301	0.0428	0.0075	0.00056	0.00143	0.000532	14.4	0.000104	0.000805	0.00453	0.0213	0.0876
2047 May	3280	67.2	106	3.02	1970	0.658	27.9	0.0000597	0.0437	0.0681	0.232	0.247	8.27	740	0.000422	0.000315	0.0033	0.00213	0.0811	0.0000217	26	2.38	18.1	0.901	0.00297	307	0.0436	0.00767	0.000572	0.00145	0.000543	14.7	0.000106	0.000821	0.00462	0.0217	0.0894
2047 Jun	3050	62.5	98.8	2.8	1830	0.614	26.2	0.0000558	0.0407	0.0633	0.216	0.23	7.69	688	0.000392	0.000296	0.00307	0.002	0.0757	0.0000203	24.2	2.22	16.9	0.838	0.00276	286	0.0406	0.00723	0.000533	0.00136	0.000506	13.7	0.0000987	0.000765	0.00431	0.0203	0.0831
2047 Jul	3120	64.1	101	2.87	1870	0.63	26.9	0.0000573	0.0418	0.0649	0.221	0.236	7.88	705	0.000402	0.000304	0.00315	0.00205	0.0777	0.0000209	24.8	2.27	17.4	0.858	0.00283	293	0.0416	0.00745	0.000547	0.00139	0.000519	14	0.000101	0.000784	0.00443	0.0208	0.0852
2047 Aug	3200	65.7	104	2.95	1920	0.646	27.6	0.0000588	0.0429	0.0666	0.227	0.242	8.08	723	0.000412	0.000312	0.00323	0.0021	0.0798	0.0000214	25.4	2.33	17.8	0.88	0.0029	300	0.0427	0.00765	0.000561	0.00143	0.000532	14.4	0.000104	0.000804	0.00454	0.0213	0.0873
2047 Sep	3120	63.9	101	2.87	1870	0.629	26.9	0.0000573	0.0418	0.0648	0.221	0.236	7.86	704	0.000401	0.000305	0.00314	0.00205	0.0779	0.0000209	24.8	2.27	17.3	0.857	0.00282	292	0.0416	0.00746	0.000546	0.00139	0.000519	14	0.000101	0.000782	0.00442	0.0208	0.085
2047 Oct	3070	62.9	99.4	2.82	1840	0.62	26.5	0.0000565	0.0412	0.0637	0.217	0.232	7.73	692	0.000395	0.0003	0.00309	0.00202	0.0768	0.0000206	24.4	2.23	17.1	0.843	0.00278	288	0.0409	0.00736	0.000543	0.00137	0.000511	13.8	0.0000996	0.00077	0.00436	0.0205	0.0836
2047 Nov	3050	62.5	98.9	2.81	1830	0.616	26.4	0.0000562	0.041	0.0634	0.216	0.231	7.69	689	0.000393	0.000299	0.00307	0.00201	0.0764	0.0000205	24.3	2.22	17	0.838	0.00276	286	0.0407	0.00732	0.000543	0.00136	0.000508	13.7	0.0000991	0.000766	0.00433	0.0204	0.0832
2047 Dec	3050	62.5	98.9	2.81	1830	0.616	26.4	0.0000562	0.041	0.0634	0.216	0.231	7.69	689	0.000393	0.000299	0.00307	0.00201	0.0764	0.0000205	24.3	2.22	17	0.838	0.00276	286	0.0407	0.00732	0.000543	0.00136	0.000508	13.7	0.0000991	0.000766	0.00433	0.0204	0.0832
2048 Jan	3050	62.5	98.9	2.81	1830	0.616	26.4	0.0000562	0.041	0.0634	0.216	0.231	7.69	688	0.000393	0.000299	0.00307	0.00201	0.0764	0.0000205	24.3	2.22	17	0.838	0.00276	286	0.0407	0.00732	0.000543	0.00136	0.000508	13.7	0.0000991	0.000766	0.00433	0.0204	0.0832
2048 Feb	3050	62.5	98.9	2.81	1830	0.616	26.4	0.0000562	0.041	0.0634	0.216	0.231	7.69	689	0.000393	0.000299	0.00307	0.00201	0.0764	0.0000205	24.3	2.22	17	0.838	0.00276	286	0.0407	0.00732	0.000543	0.00136	0.000508	13.7	0.0000991	0.000766	0.00433	0.0204	0.0832
2048 Mar	3050	62.6	98.9	2.81	1830	0.617	26.4	0.0000562	0.041	0.0634	0.216	0.231	7.69	689	0.000393	0.000299	0.00307	0.00202	0.0764	0.0000205	24.3	2.22	17	0.838	0.00276	286	0.0407	0.00732	0.000543	0.00136	0.000508	13.7	0.0000991	0.000766	0.00433	0.0204	0.0832
2048 Apr	3070	62.9	99.4	2.82	1840	0.62	26.6	0.0000565	0.0412	0.0637	0.217	0.232	7.73	692	0.000395	0.0003	0.00309	0.00203	0.0768	0.0000206	24.4	2.23	17.1	0.843	0.00278	287	0.0409	0.00737	0.000546	0.00137	0.00051	13.8	0.0000996	0.00077	0.00436	0.0205	0.0836
2048 May	3130	64.2	101	2.88	1880	0.632	27.1	0.0000576	0.042	0.065	0.222	0.237	7.89	706	0.000403	0.000307	0.00315	0.00207	0.0783	0.000021	24.9	2.28	17.4	0.86	0.00284	293	0.0417	0.00753	0.000557	0.00139	0.000521	14	0.000102	0.000786	0.00445	0.0209	0.0853
2048 Jun	2910	59.5	94.1	2.67	1740	0.589	25.4	0.0000538	0.0391	0.0604	0.206	0.22	7.32	656	0.000374	0.000288	0.00293	0.00193	0.073	0.0000197	23.1	2.11	16.3	0.798	0.00263	272	0.0388	0.00709	0.000518	0.0013	0.000485	13	0.0000946	0.00073	0.00414	0.0195	0.0792
2048 Jul	2960	60.6	95.8	2.72	1770	0.6	25.9	0.0000548	0.0399	0.0614	0.21	0.224	7.45	667	0.00038	0.000294	0.00298	0.00197	0.0744	0.0000201	23.6	2.15	16.6	0.812	0.00268	277	0.0395	0.00726	0.000528	0.00132	0.000494	13.3	0.0000964	0.000743	0.00422	0.0199	0.0806

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2048 Aug	3030	62	98	2.78	1810	0.614	26.6	0.0000562	0.0408	0.0629	0.215	0.229	7.62	683	0.000389	0.000301	0.00305	0.00202	0.0763	0.0000206	24.1	2.2	17	0.831	0.00274	283	0.0404	0.00744	0.00054	0.00135	0.000506	13.6	0.0000987	0.000761	0.00432	0.0203	0.0824
2048 Sep	2940	60.1	95.1	2.7	1760	0.596	25.8	0.0000546	0.0397	0.061	0.208	0.223	7.39	662	0.000378	0.000293	0.00296	0.00197	0.0743	0.00002	23.4	2.13	16.5	0.806	0.00266	275	0.0392	0.00723	0.000525	0.00131	0.000491	13.2	0.0000958	0.000738	0.00419	0.0198	0.08
2048 Oct	2890	59.1	93.4	2.65	1730	0.587	25.4	0.0000537	0.0391	0.06	0.205	0.219	7.27	651	0.000371	0.000289	0.00291	0.00194	0.0731	0.0000197	23	2.1	16.2	0.792	0.00262	270	0.0385	0.00712	0.000521	0.00129	0.000483	12.9	0.0000943	0.000726	0.00413	0.0195	0.0786
2048 Nov	2870	58.8	92.9	2.64	1720	0.583	25.3	0.0000534	0.0389	0.0596	0.204	0.218	7.23	648	0.000369	0.000287	0.0029	0.00193	0.0727	0.0000196	22.9	2.08	16.1	0.788	0.0026	269	0.0383	0.00708	0.000521	0.00128	0.00048	12.9	0.0000938	0.000722	0.0041	0.0194	0.0782
2048 Dec	2870	58.8	92.9	2.64	1720	0.583	25.3	0.0000534	0.0389	0.0596	0.204	0.218	7.23	648	0.000369	0.000287	0.0029	0.00193	0.0727	0.0000196	22.9	2.08	16.1	0.788	0.0026	269	0.0383	0.00708	0.000521	0.00128	0.00048	12.9	0.0000938	0.000722	0.0041	0.0194	0.0782
2049 Jan	2870	58.8	92.9	2.64	1720	0.583	25.3	0.0000534	0.0389	0.0596	0.204	0.218	7.23	648	0.000369	0.000287	0.0029	0.00193	0.0727	0.0000196	22.9	2.08	16.1	0.788	0.0026	269	0.0383	0.00708	0.000521	0.00128	0.00048	12.9	0.0000938	0.000722	0.0041	0.0194	0.0782
2049 Feb	2870	58.8	92.9	2.64	1720	0.583	25.3	0.0000534	0.0389	0.0596	0.204	0.218	7.23	648	0.000369	0.000287	0.0029	0.00193	0.0727	0.0000196	22.9	2.08	16.1	0.788	0.0026	269	0.0383	0.00709	0.000521	0.00128	0.000481	12.9	0.0000938	0.000722	0.0041	0.0194	0.0782
2049 Mar	2870	58.8	92.9	2.64	1720	0.584	25.3	0.0000534	0.0389	0.0596	0.204	0.218	7.23	648	0.000369	0.000287	0.0029	0.00193	0.0728	0.0000196	22.9	2.09	16.1	0.788	0.0026	269	0.0383	0.00709	0.000521	0.00128	0.000481	12.9	0.0000938	0.000722	0.0041	0.0194	0.0782
2049 Apr	2890	59.1	93.4	2.65	1730	0.586	25.4	0.0000537	0.0391	0.0599	0.205	0.219	7.26	651	0.000371	0.000289	0.00291	0.00194	0.0731	0.0000197	23	2.1	16.2	0.792	0.00261	270	0.0385	0.00713	0.000524	0.00129	0.000483	12.9	0.0000942	0.000725	0.00412	0.0194	0.0786
2049 May	2940	60.2	95.2	2.7	1760	0.598	25.9	0.0000548	0.0399	0.0611	0.209	0.223	7.41	664	0.000379	0.000295	0.00297	0.00198	0.0746	0.0000201	23.5	2.14	16.5	0.808	0.00267	276	0.0393	0.00729	0.000534	0.00132	0.000493	13.2	0.0000961	0.00074	0.00421	0.0198	0.0801
2049 Jun	2730	55.9	88.4	2.51	1640	0.557	24.3	0.0000511	0.0371	0.0567	0.194	0.208	6.87	616	0.000351	0.000276	0.00276	0.00185	0.0695	0.0000188	21.8	1.98	15.4	0.749	0.00247	256	0.0365	0.00687	0.000497	0.00122	0.000459	12.2	0.0000895	0.000687	0.00392	0.0185	0.0743
2049 Jul	2800	57.3	90.6	2.57	1680	0.572	25	0.0000525	0.0381	0.0582	0.199	0.213	7.05	632	0.00036	0.000284	0.00283	0.0019	0.0714	0.0000193	22.4	2.03	15.9	0.769	0.00254	262	0.0374	0.00708	0.00051	0.00126	0.000471	12.6	0.0000919	0.000705	0.00402	0.019	0.0763
2049 Aug	2860	58.5	92.5	2.62	1710	0.584	25.5	0.0000536	0.0389	0.0593	0.203	0.218	7.19	645	0.000368	0.000291	0.00289	0.00194	0.073	0.0000197	22.9	2.07	16.2	0.784	0.00259	268	0.0382	0.00723	0.000521	0.00128	0.000481	12.8	0.0000938	0.00072	0.00411	0.0194	0.0778
2049 Sep	2780	56.9	89.9	2.55	1660	0.568	24.9	0.0000523	0.0379	0.0577	0.198	0.212	6.99	627	0.000358	0.000284	0.00281	0.00189	0.0712	0.0000192	22.3	2.02	15.8	0.763	0.00252	260	0.0371	0.00705	0.000507	0.00125	0.000468	12.5	0.0000913	0.0007	0.004	0.0189	0.0757
2049 Oct	2740	56	88.5	2.51	1640	0.559	24.5	0.0000515	0.0374	0.0568	0.195	0.208	6.88	617	0.000352	0.00028	0.00277	0.00187	0.0702	0.000019	21.9	1.98	15.5	0.75	0.00248	256	0.0365	0.00695	0.000504	0.00123	0.000461	12.3	0.0000899	0.000689	0.00394	0.0186	0.0744
2049 Nov	2720	55.6	87.9	2.5	1630	0.556	24.4	0.0000512	0.0372	0.0564	0.194	0.207	6.84	613	0.00035	0.000278	0.00275	0.00186	0.0698	0.0000189	21.8	1.97	15.4	0.746	0.00246	255	0.0363	0.00691	0.000505	0.00122	0.000458	12.2	0.0000894	0.000685	0.00392	0.0185	0.074
2049 Dec	2720	55.6	87.9	2.5	1630	0.556	24.4	0.0000512	0.0372	0.0564	0.194	0.207	6.84	613	0.00035	0.000278	0.00275	0.00186	0.0698	0.0000189	21.8	1.97	15.4	0.746	0.00246	255	0.0363	0.00691	0.000505	0.00122	0.000458	12.2	0.0000894	0.000685	0.00392	0.0185	0.074
2050 Jan	2720	55.6	87.9	2.5	1630	0.556	24.4	0.0000512	0.0372	0.0564	0.194	0.207	6.84	613	0.00035	0.000278	0.00275	0.00186	0.0698	0.0000189	21.8	1.97	15.4	0.746	0.00246	254	0.0363	0.00691	0.000505	0.00122	0.000458	12.2	0.0000894	0.000685	0.00392	0.0185	0.074
2050 Feb	2720	55.6	87.9	2.5	1630	0.556	24.4	0.0000512	0.0372	0.0564	0.194	0.207	6.84	613	0.00035	0.000278	0.00275	0.00186	0.0698	0.0000189	21.8	1.97	15.4	0.746	0.00246	255	0.0363	0.00691	0.000505	0.00122	0.000458	12.2	0.0000894	0.000685	0.00392	0.0185	0.074
2050 Mar	2720	55.6	88	2.5	1630	0.556	24.4	0.0000512	0.0372	0.0565	0.194	0.207	6.84	614	0.00035	0.000278	0.00275	0.00186	0.0698	0.0000189	21.8	1.97	15.4	0.746	0.00247	255	0.0363	0.00692	0.000505	0.00122	0.000458	12.2	0.0000894	0.000685	0.00392	0.0185	0.074
2050 Apr	2730	55.9	88.4	2.51	1640	0.559	24.5	0.0000515	0.0374	0.0567	0.195	0.208	6.88	617	0.000352	0.00028	0.00277	0.00187	0.0702	0.000019	21.9	1.98	15.5	0.75	0.00248	256	0.0365	0.00696	0.000507	0.00123	0.00046	12.2	0.0000898	0.000689	0.00394	0.0186	0.0744
2050 May	2790	57	90.2	2.56	1670	0.57	25	0.0000525	0.0381	0.0579	0.198	0.212	7.02	629	0.000359	0.000285	0.00282	0.0019	0.0716	0.0000193	22.3	2.02	15.8	0.765	0.00253	261	0.0373	0.00711	0.000518	0.00125	0.00047	12.5	0.0000917	0.000703	0.00402	0.019	0.0759
2050 Jun	2590	52.9	83.7	2.38	1550	0.531	23.5	0.000049	0.0355	0.0537	0.184	0.198	6.51	584	0.000333	0.000268	0.00262	0.00178	0.0667	0.0000181	20.8	1.88	14.8	0.71	0.00235	242	0.0346	0.00671	0.000482	0.00117	0.000437	11.6	0.0000854	0.000653	0.00374	0.0177	0.0704
2050 Jul	2650	54.2	85.7	2.43	1590	0.545	24.1	0.0000503	0.0364	0.0551	0.189	0.203	6.67	598	0.000341	0.000275	0.00269	0.00183	0.0685	0.0000186	21.3	1.92	15.2	0.727	0.0024	248	0.0355	0.00691	0.000494	0.0012	0.000449	11.9	0.0000875	0.000669	0.00384	0.0182	0.0721
2050 Aug	2720	55.7	88	2.5	1630	0.56	24.8	0.0000517	0.0374	0.0565	0.194	0.208	6.84	614	0.00035	0.000283	0.00276	0.00188	0.0704	0.0000191	21.9	1.97	15.6	0.746	0.00247	255	0.0364	0.0071	0.000507	0.00123	0.000461	12.2	0.0000899	0.000687	0.00394	0.0187	0.074
2050 Sep	2650	54.1	85.5	2.43	1580	0.544	24.1	0.0000503	0.0364	0.0549	0.189	0.202	6.65	597	0.00034	0.000276	0.00268	0.00183	0.0687	0.0000186	21.3	1.92	15.2	0.725	0.0024	248	0.0354	0.00692	0.000493	0.00119	0.000448	11.8	0.0000874	0.000668	0.00383	0.0182	0.0719
2050 Oct	2600	53.2	84.1	2.39	1560	0.536	23.8	0.0000496	0.0359	0.054	0.186	0.199	6.54	587	0.000335	0.000272	0.00264	0.00181	0.0677	0.0000183	20.9	1.89	14.9	0.713	0.00236	243	0.0348	0.00681	0.000491	0.00117	0.000441	11.6	0.0000861	0.000657	0.00377	0.0179	0.0707
2050 Nov	2590	52.9	83.6	2.37	1550	0.533	23.6	0.0000493	0.0357	0.0537	0.185	0.198	6.5	584	0.000333	0.000271	0.00262	0.0018	0.0673	0.0000182	20.8	1.88	14.8	0.709	0.00235	242	0.0346	0.00678	0.000491	0.00117	0.000439	11.6	0.0000856	0.000653	0.00375	0.0178	0.0703
2050 Dec	2590	52.9	83.6	2.37	1550	0.533	23.6	0.0000493	0.0357	0.0537	0.185	0.198	6.5	584	0.000333	0.000271	0.00262	0.0018	0.0673	0.0000182	20.8	1.88	14.8	0.709	0.00235	242	0.0346	0.00678	0.000491	0.00117	0.000439	11.6	0.0000856	0.000653	0.00375	0.0178	0.0703
2051 Jan	2590	52.9	83.6	2.37	1550	0.533	23.6	0.0000493	0.0357	0.0537	0.185	0.198	6.5	584	0.000333	0.000271	0.00262	0.0018	0.0673	0.0000182	20.8	1.88	14.8	0.709	0.00235	242	0.0346	0.00678	0.000491	0.00117	0.000439	11.6	0.0000856	0.000653	0.00375	0.0178	0.0703
2051 Feb	2590	52.9	83.6	2.37	1550	0.533	23.6	0.0000493	0.0357	0.0537	0.185	0.198	6.5	584	0.000333	0.000271	0.00262	0.0018	0.0673	0.0000182	20.8	1.88	14.8	0.709	0.00235	242	0.0346	0.00678	0.000491	0.00117	0.000439	11.6	0.0000856	0.000653	0.00375	0.0178	0.0703
2051 Mar	2590	52.9	83.6	2.37	1550	0.533	23.6	0.0000493	0.0357	0.0537	0.185	0.198	6.5	584	0.000333	0.000271	0.00263	0.0018	0.0673	0.0000182	20.8	1.88	14.8	0.709	0.00235	242	0.0346	0.00678	0.000491	0.00117	0.000439	11.6	0.0000856	0.000653	0.00375	0.0178	0.0703
2051 Apr	2600	53.1	84	2.38	1560	0.535	23.8	0.0000495	0.0359	0.054	0.185	0.199	6.53	586	0.000335	0.000272	0.00264	0.00181	0.0676	0.0000183	20.9	1.89	14.9	0.713	0.00236	243	0.0348	0.00682	0.000494	0.00117	0.000441	11.6	0.000086	0.000656	0.00377	0.0179	0.0707
2051 May	2650	54.2	85.7	2.43	1590	0.546	24.2	0.0000505	0.0366	0.055	0.189	0.203	6.66	598	0.000341	0.000278	0.00269	0.00184	0.069	0.0000187	21.3	1.92	15.2	0.727	0.0024	248	0.0355	0.00697	0.000503	0.0012	0.00045	11.9	0.0000877	0.00067	0.00385	0.0183	0.0721
2051 Jun	2460	50.3	79.5	2.26	1470	0.509	22.7	0.0000472	0.034	0.0511	0.176	0.189	6.18	555	0.000317	0.000261	0.0025	0.00173	0.0643	0.0000175	19.9	1.78	14.2	0.674	0.00223	230	0.033	0.00657	0.000469	0.00111	0.000419	11	0.0000817	0.000622	0.00358	0.017	0.0669
2051 Jul	2520	51.4	81.2	2.31	1500	0.52	23.3	0.0000483	0.0348	0.0522	0.18	0.193	6.32	567	0.000324	0.000267	0.00256	0.00177	0.0658	0.0000179	20.3	1.82	14.5	0.689	0.00228	235	0.0337	0.00675	0.000479	0.00114	0.000428	11.3	0.0000836	0.000636	0.00367	0.0174	0.0683
2051 Aug	2580	52.7	83.3	2.36	1540	0.534	23.9	0.0000496	0.0358	0.0535	0.184	0.198	6.48	582	0.000332	0.000275	0.00262	0.00182	0.0677	0.0000184	20.8	1.87	14.9	0.706	0.00234	241	0.0345	0.00694	0.000492	0.00117	0.000439	11.5	0.0000857	0.000652	0.00376	0.0179	0.0701
2051 Sep	2520	51.4	81.3	2.31	1510	0.522	23.4	0.0000485	0.035	0.0522	0.18	0.193	6.32	568	0.000324	0.000269	0.00256	0.00178	0.0663	0.000018	20.3	1.82	14.6	0.689	0.00228	235	0.0337	0.00679	0.00048	0.00114	0.000429	11.3	0.0000838	0.000637	0.00368	0.0175	0.0684
2051 Oct	2480	50.5	79.9	2.27	1480	0.513	23	0.0000477	0.0344	0.0513	0.177	0.19	6.21	558	0.000318	0.000265	0.00252	0.00175	0.0652	0.0000177	20	1.79	14.3	0.678	0.00225	231	0.0332	0.00668	0.000478	0.00112	0.000422	11.1	0.0000824	0.000626	0.00362	0.0172	0.0672
2051 Nov	2460	50.2	79.4	2.25	1470	0.51	22.9	0.0000474	0.0342	0.051	0.176	0.189	6.17	555	0.000317	0.000263	0.0025	0.00174	0.0649	0.0000176	19.9	1.78	14.3	0.673	0.00223	230	0.0329	0.00665	0.000478	0.00112	0.00042	11	0.0000819	0.000622	0.0036	0.0171	0.0668
2051 Dec	2460	50.2	79.4	2.25	1470	0.51	22.9	0.0000474	0.0342	0.051	0.176	0.189	6.17	555	0.000317	0.000263	0.0025	0.00174	0.0649	0.0000176	19.9	1.78	14.3	0.673	0.00223	230	0.0329	0.00665	0.000478	0.00112	0.00042	11	0.0000819	0.000622	0.0036	0.0171	0.0668
2052 Jan	2460	50.2	79.4	2.25	1470	0.51	22.9	0.0000474	0.0342	0.051	0.176	0.189	6.17	555	0.000317	0.000263	0.0025	0.00174	0.0649	0.0000176	19.9	1.78	14.3	0.673	0.00223	230	0.0329	0.00665	0.000478	0.00112	0.00042	11	0.0000819	0.000622	0.0036	0.0171	0.0668
2052 Feb	2460	50.2	79.4	2.25	1470	0.51	22.9	0.0000474	0.0342	0.051	0.176	0.189	6.18	555	0.000317	0.000263	0.0025	0.00174	0.0649	0.0000176	19.9	1.78	14.3	0.673	0.00223	230	0.0329	0.00665	0.000478	0.00112	0.00042	11	0.0000819	0.000622	0.0036	0.0171	0.0668
2052 Mar	2460	50.2	79.4	2.25	1470	0.51	22.9	0.0000474	0.0343	0.051	0.176	0.189	6.18	555	0.000317	0.000263	0.0025	0.00174	0.0649	0.0000176	19.9	1.78	14.3	0.674	0.00223	230	0.033	0.00665	0.000478	0.00112	0.00042	11	0.0000819	0.000622	0.0036	0.0171	0.0668
2052 Apr	2470	50.5	79.8	2.26	1480	0.512	23	0.0000477	0.0344	0.0513	0.177	0.19	6.21	557	0.000318	0.000265	0.00251	0.00175	0.0652	0.0000177	20	1.79	14.3	0.677	0.00224	231	0.0331	0.00669	0.00048	0.00112	0.000422	11.1	0.0000823	0.000625	0.00361	0.0172	0.0671
2052 May	2520	51.5	81.4	2.31	1510	0.523	23.5	0.0000486	0.0351	0.0523	0.18	0.194	6.33	569	0.000325	0.00027	0.00256	0.00178	0.0665	0.0000181	20.4	1.83	14.6	0.69	0.00229	236	0.0338	0.00685	0.00049	0.00114	0.00043	11.3	0.000084	0.000638	0.00369	0.0175	0.0685
2052 Jun	2350	47.8	75.6	2.15	1400	0.487	22	0.0000455	0.0327	0.0486	0.168	0.181	5.88	528	0.000301	0.000254	0.00239	0.00167	0.0621	0.0000169	19	1.7	13.7	0.641	0.00213	219	0.0314	0.00646	0.000456	0.00107	0.000401	10.5	0.0000783	0.000593	0.00344	0.0164	0.0636
2052 Jul	2400	49	77.5	2.2	1440	0.5	22.7	0.0000467	0.0336	0.0498	0.172	0.185	6.03	542	0.000309	0.000261	0.00245	0.00172	0.0638	0.0000174	19.5	1.74	14	0.657	0.00218	224	0.0322	0.00666	0.000468	0.00109	0.000412	10.7	0.0000803	0.000608	0.00353	0.0168	0.0652
2052 Aug	2470	50.3	79.5	2.26	1470	0.514	23.3	0.000048	0.0345	0.0511	0.177	0.19	6.18	556	0.000317	0.000269	0.00251	0.00177	0.0656	0.0000179	20	1.78	14.4	0.675	0.00224	230	0.0331	0.00685	0.000481	0.00112	0.000423	11	0.0000825	0.000625	0.00363	0.0173	0.0669
2052 Sep	2400	48.9	77.3	2.19	1430	0.5	22.7	0.0000467	0.0336	0.0497	0.172	0.185	6.01	540	0.000308	0.000262	0.00244	0.00172	0.064	0.0000175	19.4	1.73	14	0.656	0.00218	224	0.0322	0.00667	0.000468	0.00109	0.000411	10.7	0.0000803	0.000607	0.00353	0.0168	0.065
2052 Oct	2360	48.1	76	2.16	1410	0.492	22.4	0.000046	0.0331	0.0489	0.169	0.182	5.91	532	0.000303	0.000258	0.0024	0.0017	0.063	0.0000172	19.1	1.71	13.8	0.645	0.00214	220	0.0316	0.00658	0.000466	0.00108	0.000405	10.5	0.000079	0.000598	0.00347	0.0166	0.064
2052 Nov	2350	47.8	75.6	2.15	1400	0.49	22.3	0.0000458	0.033	0.0486	0.168	0.181	5.88	529	0.000302	0.000257	0.00239	0.00169	0.0627	0.0000171	19	1.7	13.7	0.641	0.00213	219	0.0315	0.00654	0.000466	0.00107	0.000403	10.5	0.0000786	0.000594	0.00346	0.0165	0.0636
2052 Dec	2350	47.8	75.6	2.15	1400	0.49	22.3	0.0000458	0.033	0.0486	0.168	0.181	5.88	529	0.000302	0.000257	0.00239	0.00169	0.0627	0.0000171	19	1.7	13.7	0.641	0.00213	219	0.0315	0.00654	0.000466	0.00107	0.000403	10.5	0.0000786	0.000594	0.00346	0.0165	0.0636
2053 Jan	2350	47.8	75.6	2.15	1400	0.49	22.3	0.0000458	0.033	0.0486	0.168	0.181	5.88	529	0.000302	0.000257	0.00239	0.00169	0.0627	0.0000171	19	1.7	13.7	0.641	0.00213	219	0.0315	0.00654	0.000466	0.00107	0.000403	10.5	0.0000786	0.000594	0.00346	0.0165	0.0636
2053 Feb	2350	47.8	75.6	2.15	1400	0.49	22.3	0.0000458	0.033	0.0486	0.168	0.181	5.88	529	0.000302	0.000257	0.00239	0.00169	0.0627	0.0000171	19	1.7	13.7	0.641	0.00213	219	0.0315	0.00654	0.000466	0.00107	0.000403	10.5	0.0000786	0.000594	0.00346	0.0165	0.0636
2053 Mar	2350	47.8	75.6	2.15	1400	0.49	22.3	0.0000458	0.033	0.0486	0.168	0.181	5.88	529	0.000302	0.000257	0.00239	0.00169	0.0627	0.0000171	19	1.7	13.7	0.642	0.00213	219	0.0315	0.00654	0.000466	0.00107	0.000403	10.5	0.0000786	0.000595	0.00346	0.0165	0.0636
2053 Apr	2360	48.1	76	2.16	1410	0.492	22.4	0.000046	0.0331	0.0489	0.169	0.182	5.91	531	0.000303	0.000258	0.0024	0.0017	0.0631	0.0000172	19.1	1.71	13.8	0.645	0.00214	220	0.0316	0.00659	0.000469	0.00108	0.000405	10.5	0.000079	0.000598	0.00347	0.0166	0.0639
2053 May	2410	49.1	77.6	2.2	1440	0.502	22.8	0.000047	0.0338	0.0499	0.173	0.186	6.03	542	0.00031	0.000264	0.00245	0.00173	0.0644	0.0000176	19.5	1.74	14.1	0.658	0.00218	225	0.0323	0.00673	0.000479	0.0011	0.000413	10.8	0.0000807	0.00061	0.00355	0.0169	0.0653
2053 Jun	2240	45.5	72	2.04	1330	0.468	21.4	0.0000439	0.0315	0.0463	0.16	0.173	5.6	504	0.000287	0.000248	0.00228	0.00162	0.06	0.0000164	18.2	1.61	13.2	0.611	0.00203	209	0.03	0.00635	0.000445	0.00102	0.000385	9.98	0.0000751	0.000567	0.0033	0.0158	0.0605
2053 Jul	2300	46.7	73.9	2.1	1370	0.481	22.1	0.0000452	0.0324	0.0475	0.165	0.178	5.74	517	0.000295	0.000255	0.00234	0.00167	0.0617	0.0000169	18.7	1.66	13.6	0.627	0.00208	214	0.0308	0.00656	0.000458	0.00105	0.000396	10.2	0.0000772	0.000582	0.0034	0.0162	0.0621
2053 Aug	2350	47.9	75.6	2.15	1400	0.493	22.6	0.0000463	0.0332	0.0487	0.169	0.182	5.88	529	0.000302	0.000262	0.0024	0.00171	0.0634	0.0000174	19.1	1.7	13.9	0.642	0.00213	219	0.0315	0.00673	0.000469	0.00108	0.000406	10.5	0.0000791	0.000596	0.00348	0.0166	0.0636
2053 Sep	2290	46.6	73.6	2.09	1360	0.48	22.1	0.0000451	0.0324	0.0473	0.164	0.177	5.72	515	0.000294	0.000256	0.00233	0.00167	0.0619	0.0000169	18.6	1.65	13.5	0.624	0.00207	213	0.0307	0.00656	0.000457	0.00105	0.000395	10.2	0.0000771	0.00058	0.00339	0.0162	0.0619
2053 Oct	2250	45.8	72.3	2.05	1340	0.472	21.7	0.0000444	0.0319	0.0466	0.162	0.174	5.63	506	0.000289	0.000252	0.0023	0.00165	0.061	0.0000167	18.3	1.62	13.3	0.614	0.00204	210	0.0302	0.00646	0.000455	0.00103	0.000389	10	0.0000758	0.000571	0.00334	0.016	0.0609
2053 Nov	2240	45.5	71.9	2.04	1330	0.47	21.6	0.0000442	0.0317	0.0463	0.161	0.173	5.59	503	0.000287	0.000251	0.00228	0.00164	0.0606	0.0000166	18.2	1.61	13.2	0.61	0.00203	208	0.03	0.00643	0.000455	0.00102	0.000386	9.97	0.0000754	0.000567	0.00332	0.0159	0.0605
2053 Dec	2240	45.5	71.9	2.04	1330	0.47	21.6	0.0000442	0.0317	0.0463	0.161	0.173	5.59	503	0.000287	0.000251	0.00228	0.00164	0.0606	0.0000166	18.2	1.61	13.2	0.61	0.00203	208	0.03	0.00643	0.000455	0.00102	0.000386	9.97	0.0000754	0.000567	0.00332	0.0159	0.0605
2054 Jan	2240	45.5	71.9	2.04	1330	0.47	21.6	0.0000442	0.0317	0.0463	0.161	0.173	5.59	503	0.000287	0.000251	0.00228	0.00164	0.0606	0.0000166	18.2	1.61	13.2	0.61	0.00203	208	0.03	0.00643	0.000455	0.00102	0.000386	9.97	0.0000754	0.000567	0.00332	0.0159	0.0605
2054 Feb	2240	45.5	71.9	2.04	1330	0.47	21.6	0.0000442	0.0317	0.0463	0.161	0.173	5.59	503	0.000287	0.000251	0.00228	0.00164	0.0606	0.0000166	18.2	1.61	13.2	0.61	0.00203	208	0.03	0.00643	0.000455	0.00102	0.000386	9.97	0.0000754	0.000567	0.00332	0.0159	0.0605
2054 Mar	2240	45.5	71.9	2.04	1330	0.47	21.6	0.0000442	0.0317	0.0463	0.161	0.173	5.59	504	0.000288	0.000251	0.00228	0.00164	0.0606	0.0000166	18.2	1.61	13.2	0.61	0.00203	209	0.03	0.00643	0.000455	0.00102	0.000387	9.97	0.0000754	0.000568	0.00332	0.0159	0.0605
2054 Apr	2250	45.7	72.3	2.05	1340	0.472	21.7	0.0000444	0.0319	0.0465	0.161	0.174	5.62	506	0.000289	0.000252	0.00229	0.00165	0.0609	0.0000167	18.3	1.62	13.3	0.613	0.00204	210	0.0301	0.00647	0.000457	0.00103	0.000388	10	0.0000758	0.00057	0.00333	0.016	0.0608
2054 May	2290	46.6	73.7	2.09	1370	0.482	22.2	0.0000453	0.0325	0.0474	0.165	0.178	5.73	516	0.000295	0.000257	0.00234	0.00168	0.0622	0.000017	18.7	1.65	13.6	0.625	0.00208	214	0.0308	0.00662	0.000467	0.00105	0.000396	10.2	0.0000773	0.000582	0.0034	0.0163	0.062
2054 Jun	2130	43.3	68.4	1.94	1270	0.449	20.8	0.0000423	0.0303	0.044	0.153	0.165	5.32	479	0.000274	0.000242	0.00218	0.00158	0.058	0.0000159	17.4	1.54	12.7	0.58	0.00193	198	0.0286	0.00625	0.000434	0.000977	0.000369	9.49	0.000072	0.000541	0.00317	0.0152	0.0575
2054 Jul	2180	44.3	70	1.99	1300	0.46	21.4	0.0000435	0.0311	0.0451	0.157	0.17	5.45	491	0.00028	0.000248	0.00223	0.00162	0.0595	0.0000164	17.8	1.57	13	0.594	0.00198	203	0.0293	0.00644	0.000445	0.001	0.000378	9.71	0.0000739	0.000554	0.00325	0.0156	0.0589
2054 Aug	2240	45.5	71.9	2.04	1330	0.473	22	0.0000447	0.0319	0.0463	0.161	0.174	5.59	504	0.000288	0.000256	0.00229	0.00166	0.0612	0.0000168	18.3	1.61	13.4	0.61	0.00203	209	0.0301	0.00662	0.000458	0.00103	0.000389	9.97	0.0000759	0.000569	0.00334	0.016	0.0605
2054 Sep	2180	44.3	70.1	1.99	1300	0.461	21.5	0.0000436	0.0312	0.0451	0.157	0.17	5.45	491	0.00028	0.00025	0.00223	0.00163	0.0599	0.0000164	17.9	1.57	13.1	0.595	0.00198	203	0.0293	0.00647	0.000446	0.001	0.00038	9.72	0.0000741	0.000555	0.00326	0.0157	0.059
2054 Oct	2150	43.6	68.9	1.96	1280	0.454	21.2	0.000043	0.0307	0.0444	0.155	0.167	5.36	483	0.000276	0.000246	0.0022	0.0016	0.059	0.0000162	17.6	1.55	12.9	0.585	0.00195	200	0.0288	0.00638	0.000444	0.000988	0.000374	9.56	0.0000729	0.000546	0.00321	0.0154	0.058
2054 Nov	2130	43.3	68.5	1.95	1270	0.452	21.1	0.0000427	0.0306	0.0441	0.154	0.166	5.33	480	0.000274	0.000245	0.00218	0.0016	0.0587	0.0000161	17.5	1.54	12.8	0.582	0.00194	199	0.0287	0.00634	0.000445	0.000982	0.000371	9.5	0.0000725	0.000543	0.00319	0.0153	0.0576
2054 Dec	2130	43.3	68.5	1.95	1270	0.452	21.1	0.0000427	0.0306	0.0441	0.154	0.166	5.33	480	0.000274	0.000245	0.00218	0.0016	0.0587	0.0000161	17.5	1.54	12.8	0.581	0.00194	199	0.0287	0.00634	0.000445	0.000982	0.000371	9.5	0.0000725	0.000543	0.00319	0.0153	0.0576
2055 Jan	2130	43.3	68.5	1.95	1270	0.451	21.1	0.0000427	0.0306	0.0441	0.154	0.166	5.33	480	0.000274	0.000245	0.00218	0.0016	0.0587	0.0000161	17.5	1.54	12.8	0.581	0.00193	199	0.0287	0.00634	0.000445	0.000982	0.000371	9.5	0.0000725	0.000542	0.00319	0.0153	0.0576
2055 Feb	2130	43.3	68.5	1.95	1270	0.452	21.1	0.0000427	0.0306	0.0441	0.154	0.166	5.33	480	0.000274	0.000245	0.00218	0.0016	0.0587	0.0000161	17.5	1.54	12.8	0.582	0.00194	199	0.0287	0.00634	0.000445	0.000982	0.000371	9.5	0.0000725	0.000543	0.00319	0.0153	0.0576
2055 Mar	2130	43.4	68.5	1.95	1270	0.452	21.1	0.0000427	0.0306	0.0441	0.154	0.166	5.33	480	0.000274	0.000245	0.00218	0.0016	0.0587	0.0000161	17.5	1.54	12.8	0.582	0.00194	199	0.0287	0.00634	0.000445	0.000983	0.000372	9.51	0.0000725	0.000543	0.00319	0.0153	0.0577
2055 Apr	2140	43.6	68.8	1.95	1280	0.454	21.2	0.0000429	0.0307	0.0443	0.154	0.167	5.36	482	0.000276	0.000246	0.0022	0.0016	0.059	0.0000162	17.6	1.55	12.8	0.584	0.00194	200	0.0288	0.00639	0.000447	0.000987	0.000373	9.55	0.0000728	0.000545	0.00321	0.0154	0.0579
2055 May	2190	44.4	70.2	1.99	1300	0.463	21.6	0.0000438	0.0313	0.0452	0.157	0.17	5.46	492	0.000281	0.000251	0.00224	0.00164	0.0602	0.0000165	17.9	1.58	13.1	0.596	0.00198	204	0.0294	0.00653	0.000456	0.00101	0.000381	9.74	0.0000743	0.000556	0.00327	0.0157	0.0591
2055 Jun	2030	41.1	65	1.85	1210	0.431	20.2	0.0000409	0.0291	0.0419	0.146	0.158	5.06	456	0.00026	0.000236	0.00208	0.00153	0.056	0.0000155	16.6	1.46	12.2	0.552	0.00184	189	0.0273	0.00616	0.000424	0.000936	0.000354	9.02	0.0000691	0.000516	0.00305	0.0147	0.0547
2055 Jul	2080	42.2	66.7	1.89	1240	0.442	20.8	0.000042	0.0299	0.043	0.15	0.162	5.19	468	0.000267	0.000243	0.00213	0.00157	0.0576	0.0000159	17.1	1.5	12.6	0.566	0.00189	193	0.028	0.00635	0.000435	0.00096	0.000364	9.25	0.000071	0.000529	0.00313	0.015	0.0561
2055 Aug	2130	43.2	68.3	1.94	1270	0.453	21.4	0.0000431	0.0307	0.044	0.154	0.167	5.31	479	0.000274	0.000249	0.00219	0.00162	0.0592	0.0000163	17.5	1.53	12.9	0.58	0.00193	198	0.0286	0.00651	0.000446	0.000985	0.000373	9.48	0.0000728	0.000542	0.00321	0.0154	0.0575
2055 Sep	2080	42.1	66.6	1.89	1240	0.442	20.9	0.0000421	0.03	0.0429	0.15	0.162	5.18	467	0.000267	0.000244	0.00213	0.00158	0.0579	0.0000159	17.1	1.49	12.6	0.565	0.00188	193	0.0279	0.00637	0.000435	0.00096	0.000364	9.24	0.000071	0.000529	0.00313	0.0151	0.056
2055 Oct	2040	41.4	65.4	1.86	1210	0.435	20.6	0.0000414	0.0296	0.0422	0.147	0.16	5.09	459	0.000262	0.00024	0.00209	0.00156	0.057	0.0000157	16.8	1.47	12.4	0.556	0.00185	190	0.0275	0.00627	0.000433	0.000945	0.000358	9.08	0.0000698	0.00052	0.00308	0.0148	0.0551
2055 Nov	2030	41.2	65.1	1.85	1210	0.433	20.5	0.0000412	0.0294	0.0419	0.146	0.159	5.06	456	0.000261	0.000239	0.00208	0.00155	0.0567	0.0000156	16.7	1.46	12.3	0.552	0.00184	189	0.0273	0.00624	0.000434	0.000939	0.000356	9.02	0.0000694	0.000517	0.00306	0.0148	0.0547
2055 Dec	2030	41.2	65	1.85	1210	0.433	20.5	0.0000412	0.0294	0.0419	0.146	0.159	5.06	456	0.000261	0.000239	0.00208	0.00155	0.0567	0.0000156	16.7	1.46	12.3	0.552	0.00184	189	0.0273	0.00624	0.000434	0.000939	0.000356	9.02	0.0000694	0.000517	0.00306	0.0148	0.0547
2056 Jan	2030	41.2	65	1.85	1210	0.433	20.5	0.0000412	0.0294	0.0419	0.146	0.159	5.06	456	0.000261	0.000239	0.00208	0.00155	0.0567	0.0000156	16.7	1.46	12.3	0.552	0.00184	189	0.0273	0.00624	0.000434	0.000939	0.000356	9.02	0.0000694	0.000517	0.00306	0.0148	0.0547
2056 Feb	2030	41.2	65.1	1.85	1210	0.433	20.5	0.0000412	0.0294	0.0419	0.146	0.159	5.06	456	0.000261	0.000239	0.00208	0.00155	0.0567	0.0000156	16.7	1.46	12.3	0.552	0.00184	189	0.0273	0.00624	0.000434	0.000939	0.000356	9.02	0.0000694	0.000517	0.00306	0.0148	0.0547
2056 Mar	2030	41.2	65.1	1.85	1210	0.433	20.5	0.0000412	0.0294	0.0419	0.147	0.159	5.06	456	0.000261	0.000239	0.00208	0.00155	0.0567	0.0000156	16.7	1.46	12.3	0.552	0.00184	189	0.0273	0.00624	0.000434	0.00094	0.000356	9.03	0.0000695	0.000517	0.00306	0.0148	0.0547
2056 Apr	2040	41.4	65.4	1.86	1210	0.435	20.6	0.0000414	0.0295	0.0421	0.147	0.16	5.09	459	0.000262	0.00024	0.00209	0.00156	0.057	0.0000157	16.8	1.47	12.4	0.555	0.00185	190	0.0274	0.00628	0.000436	0.000944	0.000358	9.07	0.0000698	0.00052	0.00308	0.0148	0.055
2056 May	2080	42.2	66.7	1.89	1240	0.444	21	0.0000423	0.0301	0.043	0.15	0.163	5.19	468	0.000267	0.000245	0.00214	0.00159	0.0581	0.000016	17.1	1.5	12.6	0.566	0.00189	194	0.028	0.00643	0.000445	0.000963	0.000365	9.25	0.0000712	0.00053	0.00314	0.0151	0.0561
2056 Jun	1930	39.1	61.9	1.76	1150	0.414	19.7	0.0000395	0.0281	0.0399	0.14	0.152	4.81	434	0.000248	0.000231	0.00199	0.00149	0.0542	0.000015	15.9	1.39	11.8	0.525	0.00175	180	0.026	0.00607	0.000414	0.000897	0.00034	8.59	0.0000664	0.000493	0.00293	0.0141	0.0521
2056 Jul	1990	40.3	63.6	1.81	1180	0.426	20.3	0.0000407	0.0289	0.041	0.144	0.156	4.95	447	0.000255	0.000238	0.00204	0.00154	0.0559	0.0000155	16.4	1.43	12.2	0.54	0.0018	185	0.0268	0.00628	0.000427	0.000923	0.00035	8.83	0.0000684	0.000507	0.00302	0.0146	0.0535
2056 Aug	2020	40.9	64.7	1.84	1200	0.433	20.7	0.0000414	0.0294	0.0417	0.146	0.159	5.03	454	0.000259	0.000243	0.00208	0.00156	0.057	0.0000158	16.7	1.45	12.4	0.549	0.00183	188	0.0272	0.00639	0.000434	0.000939	0.000356	8.97	0.0000695	0.000515	0.00307	0.0148	0.0544
2056 Sep	1960	39.6	62.6	1.78	1160	0.42	20.1	0.0000402	0.0286	0.0404	0.142	0.154	4.87	440	0.000251	0.000236	0.00201	0.00152	0.0555	0.0000153	16.2	1.41	12	0.532	0.00177	182	0.0263	0.00621	0.000421	0.00091	0.000346	8.69	0.0000674	0.0005	0.00298	0.0144	0.0527
2056 Oct	1920	38.9	61.5	1.75	1140	0.413	19.8	0.0000396	0.0282	0.0397	0.139	0.151	4.79	432	0.000247	0.000232	0.00198	0.0015	0.0546	0.0000151	15.9	1.38	11.8	0.522	0.00174	179	0.0259	0.00611	0.000419	0.000895	0.00034	8.54	0.0000663	0.000491	0.00293	0.0142	0.0518
2056 Nov	1910	38.7	61.2	1.74	1140	0.411	19.7	0.0000394	0.028	0.0395	0.138	0.15	4.76	430	0.000246	0.000231	0.00197	0.00149	0.0543	0.000015	15.8	1.37	11.7	0.519	0.00173	178	0.0257	0.00608	0.00042	0.00089	0.000338	8.49	0.0000659	0.000488	0.00291	0.0141	0.0515
2056 Dec	1910	38.7	61.2	1.74	1140	0.411	19.7	0.0000394	0.028	0.0395	0.138	0.15	4.76	430	0.000246	0.000231	0.00197	0.00149	0.0543	0.000015	15.8	1.37	11.7	0.519	0.00173	178	0.0257	0.00608	0.00042	0.00089	0.000338	8.49	0.0000659	0.000488	0.00291	0.0141	0.0515
2057 Jan	1910	38.7	61.2	1.74	1140	0.411	19.7	0.0000394	0.028	0.0394	0.138	0.15	4.76	430	0.000246	0.000231	0.00197	0.00149	0.0543	0.000015	15.8	1.37	11.7	0.519	0.00173	178	0.0257	0.00608	0.00042	0.00089	0.000338	8.49	0.0000659	0.000488	0.00291	0.0141	0.0515
2057 Feb	1910	38.7	61.2	1.74	1140	0.411	19.7	0.0000394	0.028	0.0395	0.138	0.15	4.76	430	0.000246	0.000231	0.00197	0.00149	0.0543	0.000015	15.8	1.37	11.7	0.519	0.00173	178	0.0257	0.00608	0.00042	0.00089	0.000338	8.49	0.0000659	0.000488	0.00291	0.0141	0.0515
2057 Mar	1910	38.7	61.2	1.74	1140	0.411	19.7	0.0000394	0.028	0.0395	0.138	0.15	4.76	430	0.000246	0.000231	0.00197	0.00149	0.0543	0.000015	15.8	1.37	11.7	0.519	0.00173	178	0.0257	0.00608	0.00042	0.00089	0.000338	8.49	0.000066	0.000488	0.00291	0.0141	0.0515
2057 Apr	1920	38.9	61.5	1.75	1140	0.413	19.8	0.0000396	0.0282	0.0396	0.139	0.151	4.78	432	0.000247	0.000232	0.00198	0.0015	0.0546	0.0000151	15.9	1.38	11.8	0.522	0.00174	178	0.0259	0.00613	0.000422	0.000895	0.00034	8.53	0.0000663	0.000491	0.00293	0.0142	0.0517
2057 May	1960	39.7	62.7	1.78	1160	0.421	20.2	0.0000404	0.0287	0.0404	0.142	0.154	4.88	440	0.000252	0.000237	0.00202	0.00153	0.0557	0.0000154	16.2	1.41	12	0.532	0.00178	182	0.0264	0.00627	0.00043	0.000913	0.000346	8.7	0.0000676	0.0005	0.00299	0.0144	0.0527
2057 Jun	1810	36.7	58	1.65	1080	0.392	18.9	0.0000377	0.0267	0.0374	0.132	0.143	4.51	408	0.000233	0.000223	0.00187	0.00143	0.0518	0.0000144	15	1.3	11.2	0.493	0.00165	169	0.0245	0.00591	0.0004	0.000847	0.000322	8.05	0.0000629	0.000464	0.00278	0.0135	0.0488

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2057 Jul	1870	37.7	59.7	1.69	1110	0.404	19.5	0.0000388	0.0275	0.0385	0.135	0.147	4.64	419	0.00024	0.00023	0.00192	0.00147	0.0534	0.0000148	15.5	1.34	11.6	0.507	0.00169	173	0.0252	0.00611	0.000411	0.000872	0.000332	8.28	0.0000647	0.000477	0.00286	0.0139	0.0502
2057 Aug	1910	38.7	61.2	1.74	1140	0.414	20.1	0.0000399	0.0282	0.0395	0.139	0.151	4.76	430	0.000246	0.000236	0.00197	0.00151	0.0549	0.0000152	15.9	1.37	11.9	0.519	0.00174	178	0.0258	0.00628	0.000422	0.000895	0.00034	8.49	0.0000664	0.00049	0.00294	0.0142	0.0515
2057 Sep	1860	37.6	59.4	1.69	1100	0.403	19.5	0.0000388	0.0275	0.0384	0.135	0.147	4.62	418	0.000239	0.00023	0.00192	0.00148	0.0536	0.0000149	15.5	1.33	11.6	0.505	0.00169	173	0.0251	0.00612	0.000411	0.000871	0.000331	8.25	0.0000646	0.000476	0.00286	0.0139	0.05
2057 Oct	1830	37	58.4	1.66	1090	0.397	19.3	0.0000382	0.0271	0.0377	0.133	0.145	4.55	411	0.000235	0.000227	0.00189	0.00145	0.0528	0.0000146	15.2	1.31	11.4	0.496	0.00166	170	0.0247	0.00603	0.000409	0.000857	0.000326	8.11	0.0000636	0.000468	0.00281	0.0136	0.0492
2057 Nov	1820	36.8	58.1	1.65	1080	0.394	19.2	0.000038	0.027	0.0375	0.132	0.144	4.52	409	0.000234	0.000226	0.00188	0.00145	0.0526	0.0000146	15.1	1.3	11.3	0.493	0.00165	169	0.0245	0.006	0.00041	0.000852	0.000324	8.07	0.0000633	0.000466	0.0028	0.0136	0.0489
2057 Dec	1820	36.8	58.1	1.65	1080	0.394	19.2	0.000038	0.027	0.0375	0.132	0.144	4.52	409	0.000234	0.000226	0.00188	0.00145	0.0526	0.0000146	15.1	1.3	11.3	0.493	0.00165	169	0.0245	0.006	0.00041	0.000852	0.000324	8.07	0.0000633	0.000466	0.0028	0.0136	0.0489
2058 Jan	1820	36.8	58.1	1.65	1080	0.394	19.2	0.000038	0.027	0.0375	0.132	0.144	4.52	409	0.000234	0.000226	0.00188	0.00145	0.0526	0.0000146	15.1	1.3	11.3	0.493	0.00165	169	0.0245	0.006	0.00041	0.000852	0.000324	8.07	0.0000633	0.000466	0.0028	0.0136	0.0489
2058 Feb	1820	36.8	58.1	1.65	1080	0.394	19.2	0.000038	0.027	0.0375	0.132	0.144	4.52	409	0.000234	0.000226	0.00188	0.00145	0.0526	0.0000146	15.1	1.3	11.3	0.493	0.00165	169	0.0245	0.006	0.00041	0.000852	0.000324	8.07	0.0000633	0.000466	0.0028	0.0136	0.0489
2058 Mar	1820	36.8	58.1	1.65	1080	0.395	19.2	0.0000381	0.027	0.0375	0.132	0.144	4.52	409	0.000234	0.000226	0.00188	0.00145	0.0526	0.0000146	15.1	1.3	11.3	0.494	0.00165	169	0.0245	0.006	0.00041	0.000853	0.000324	8.07	0.0000633	0.000466	0.0028	0.0136	0.0489
2058 Apr	1830	36.9	58.4	1.66	1080	0.396	19.3	0.0000382	0.0271	0.0377	0.133	0.145	4.54	411	0.000235	0.000227	0.00189	0.00146	0.0528	0.0000146	15.2	1.31	11.4	0.496	0.00166	170	0.0247	0.00604	0.000412	0.000857	0.000326	8.11	0.0000636	0.000468	0.00281	0.0136	0.0491
2058 May	1860	37.7	59.6	1.69	1110	0.404	19.7	0.000039	0.0277	0.0384	0.135	0.148	4.63	419	0.000239	0.000232	0.00193	0.00149	0.0539	0.0000149	15.5	1.34	11.6	0.506	0.00169	173	0.0251	0.00618	0.00042	0.000874	0.000332	8.27	0.0000649	0.000477	0.00287	0.0139	0.0501
2058 Jun	1730	34.9	55.1	1.56	1020	0.376	18.4	0.0000364	0.0257	0.0356	0.126	0.137	4.29	388	0.000222	0.000218	0.00179	0.00139	0.0502	0.000014	14.4	1.24	10.8	0.468	0.00157	160	0.0233	0.00583	0.00039	0.000812	0.000309	7.65	0.0000603	0.000443	0.00267	0.013	0.0464
2058 Jul	1780	35.8	56.6	1.61	1050	0.387	19	0.0000375	0.0265	0.0366	0.129	0.141	4.41	399	0.000228	0.000225	0.00184	0.00143	0.0517	0.0000144	14.8	1.27	11.2	0.481	0.00161	165	0.024	0.00602	0.000402	0.000835	0.000318	7.86	0.0000621	0.000455	0.00275	0.0134	0.0477
2058 Aug	1810	36.6	57.9	1.64	1080	0.396	19.5	0.0000384	0.0271	0.0374	0.132	0.144	4.5	407	0.000233	0.00023	0.00188	0.00147	0.053	0.0000148	15.2	1.3	11.4	0.492	0.00165	168	0.0245	0.00617	0.000411	0.000854	0.000325	8.04	0.0000635	0.000465	0.00281	0.0137	0.0487
2058 Sep	1770	35.7	56.3	1.6	1050	0.386	19	0.0000375	0.0265	0.0364	0.129	0.141	4.38	397	0.000227	0.000225	0.00183	0.00143	0.0518	0.0000144	14.8	1.26	11.1	0.479	0.0016	164	0.0239	0.00602	0.0004	0.000832	0.000317	7.82	0.0000619	0.000453	0.00274	0.0133	0.0474
2058 Oct	1740	35	55.4	1.57	1030	0.38	18.7	0.0000369	0.0261	0.0358	0.126	0.138	4.31	390	0.000223	0.000222	0.0018	0.00141	0.051	0.0000142	14.5	1.24	10.9	0.47	0.00158	161	0.0235	0.00593	0.000399	0.000819	0.000312	7.69	0.0000609	0.000446	0.0027	0.0131	0.0466
2058 Nov	1730	34.8	55.1	1.56	1020	0.378	18.6	0.0000367	0.0259	0.0356	0.126	0.137	4.28	388	0.000222	0.000221	0.00179	0.00141	0.0508	0.0000141	14.4	1.24	10.9	0.468	0.00157	160	0.0233	0.0059	0.0004	0.000814	0.00031	7.64	0.0000606	0.000443	0.00268	0.0131	0.0463
2058 Dec	1730	34.8	55.1	1.56	1020	0.378	18.6	0.0000367	0.0259	0.0356	0.126	0.137	4.28	388	0.000222	0.000221	0.00179	0.00141	0.0508	0.0000141	14.4	1.24	10.9	0.468	0.00157	160	0.0233	0.0059	0.0004	0.000814	0.00031	7.64	0.0000606	0.000443	0.00268	0.0131	0.0463
2059 Jan	1730	34.8	55.1	1.56	1020	0.378	18.6	0.0000367	0.0259	0.0356	0.126	0.137	4.28	388	0.000222	0.000221	0.00179	0.00141	0.0508	0.0000141	14.4	1.24	10.9	0.468	0.00157	160	0.0233	0.0059	0.0004	0.000814	0.00031	7.64	0.0000606	0.000443	0.00268	0.0131	0.0463
2059 Feb	1730	34.8	55.1	1.56	1020	0.378	18.6	0.0000367	0.0259	0.0356	0.126	0.137	4.28	388	0.000222	0.000221	0.00179	0.00141	0.0508	0.0000141	14.4	1.24	10.9	0.468	0.00157	160	0.0233	0.0059	0.0004	0.000814	0.00031	7.64	0.0000606	0.000443	0.00268	0.0131	0.0463
2059 Mar	1730	34.8	55.1	1.56	1020	0.378	18.6	0.0000367	0.0259	0.0356	0.126	0.137	4.28	388	0.000222	0.000221	0.00179	0.00141	0.0508	0.0000141	14.4	1.24	10.9	0.468	0.00157	160	0.0233	0.0059	0.0004	0.000815	0.000311	7.65	0.0000606	0.000443	0.00268	0.0131	0.0463
2059 Apr	1740	35	55.3	1.57	1030	0.38	18.7	0.0000369	0.0261	0.0358	0.126	0.138	4.3	390	0.000223	0.000222	0.0018	0.00141	0.051	0.0000142	14.5	1.24	10.9	0.47	0.00158	161	0.0234	0.00594	0.000402	0.000819	0.000312	7.68	0.0000609	0.000445	0.0027	0.0131	0.0466
2059 May	1770	35.7	56.5	1.6	1050	0.388	19.1	0.0000376	0.0266	0.0365	0.129	0.141	4.39	398	0.000227	0.000226	0.00183	0.00144	0.0521	0.0000145	14.8	1.27	11.2	0.48	0.00161	164	0.0239	0.00608	0.00041	0.000835	0.000319	7.84	0.0000622	0.000455	0.00275	0.0134	0.0475
2059 Jun	1640	33	52.2	1.48	971	0.36	17.9	0.0000351	0.0247	0.0338	0.12	0.131	4.06	368	0.00021	0.000212	0.0017	0.00135	0.0485	0.0000136	13.8	1.17	10.4	0.444	0.00149	152	0.0222	0.00573	0.000381	0.000776	0.000296	7.25	0.0000578	0.000421	0.00256	0.0125	0.0439
2059 Jul	1680	33.9	53.5	1.52	995	0.37	18.4	0.0000361	0.0254	0.0346	0.123	0.134	4.16	377	0.000216	0.000219	0.00174	0.00139	0.0498	0.0000139	14.1	1.2	10.7	0.455	0.00153	156	0.0227	0.00591	0.000391	0.000796	0.000304	7.43	0.0000593	0.000432	0.00263	0.0128	0.045
2059 Aug	1720	34.6	54.8	1.55	1020	0.379	18.9	0.000037	0.026	0.0354	0.126	0.138	4.26	386	0.000221	0.000224	0.00179	0.00142	0.0511	0.0000143	14.4	1.23	11	0.465	0.00156	159	0.0233	0.00606	0.0004	0.000815	0.000311	7.6	0.0000607	0.000442	0.00269	0.0131	0.0461
2059 Sep	1680	33.7	53.3	1.51	992	0.37	18.4	0.0000361	0.0254	0.0345	0.122	0.134	4.15	376	0.000215	0.000219	0.00174	0.00139	0.05	0.000014	14.1	1.2	10.7	0.453	0.00152	155	0.0227	0.00592	0.00039	0.000795	0.000304	7.41	0.0000593	0.000431	0.00263	0.0128	0.0449
2059 Oct	1650	33.2	52.4	1.49	976	0.364	18.2	0.0000356	0.025	0.0339	0.12	0.132	4.08	370	0.000212	0.000216	0.00171	0.00137	0.0493	0.0000138	13.9	1.18	10.5	0.446	0.0015	153	0.0223	0.00583	0.000389	0.000782	0.000299	7.28	0.0000583	0.000424	0.00259	0.0126	0.0441
2059 Nov	1640	33	52.1	1.48	970	0.362	18.1	0.0000354	0.0249	0.0337	0.12	0.131	4.06	368	0.00021	0.000215	0.0017	0.00136	0.049	0.0000137	13.8	1.17	10.5	0.443	0.00149	152	0.0222	0.0058	0.00039	0.000778	0.000297	7.24	0.000058	0.000422	0.00257	0.0126	0.0439
2059 Dec	1640	33	52.1	1.48	970	0.362	18.1	0.0000354	0.0249	0.0337	0.12	0.131	4.06	368	0.00021	0.000215	0.0017	0.00136	0.049	0.0000137	13.8	1.17	10.5	0.443	0.00149	152	0.0222	0.0058	0.00039	0.000778	0.000297	7.24	0.000058	0.000422	0.00257	0.0126	0.0439
2060 Jan	1640	33	52.1	1.48	970	0.362	18.1	0.0000354	0.0249	0.0337	0.12	0.131	4.06	368	0.00021	0.000215	0.0017	0.00136	0.049	0.0000137	13.8	1.17	10.5	0.443	0.00149	152	0.0222	0.0058	0.00039	0.000778	0.000297	7.24	0.000058	0.000422	0.00257	0.0126	0.0439
2060 Feb	1640	33	52.1	1.48	970	0.362	18.1	0.0000354	0.0249	0.0337	0.12	0.131	4.06	368	0.00021	0.000215	0.0017	0.00136	0.049	0.0000137	13.8	1.17	10.5	0.443	0.00149	152	0.0222	0.0058	0.00039	0.000778	0.000297	7.24	0.000058	0.000422	0.00257	0.0126	0.0439
2060 Mar	1640	33	52.2	1.48	970	0.362	18.1	0.0000354	0.0249	0.0337	0.12	0.131	4.06	368	0.00021	0.000215	0.0017	0.00136	0.0491	0.0000137	13.8	1.17	10.5	0.443	0.00149	152	0.0222	0.0058	0.00039	0.000778	0.000297	7.25	0.000058	0.000422	0.00257	0.0126	0.0439
2060 Apr	1650	33.2	52.4	1.49	975	0.364	18.2	0.0000356	0.0251	0.0339	0.12	0.132	4.08	370	0.000211	0.000216	0.00171	0.00137	0.0493	0.0000138	13.9	1.18	10.5	0.445	0.0015	152	0.0223	0.00585	0.000392	0.000782	0.000299	7.28	0.0000583	0.000424	0.00259	0.0126	0.0441
2060 May	1680	33.8	53.5	1.52	995	0.371	18.6	0.0000363	0.0256	0.0346	0.123	0.135	4.16	377	0.000216	0.000221	0.00175	0.0014	0.0503	0.0000141	14.1	1.2	10.8	0.454	0.00153	156	0.0227	0.00599	0.0004	0.000798	0.000305	7.43	0.0000595	0.000433	0.00264	0.0129	0.045
2060 Jun	1560	31.3	49.4	1.4	920	0.345	17.4	0.0000339	0.0237	0.032	0.114	0.125	3.85	349	0.0002	0.000207	0.00162	0.00131	0.0468	0.0000132	13.1	1.11	10	0.42	0.00141	144	0.0211	0.00564	0.000371	0.000741	0.000284	6.87	0.0000553	0.000401	0.00246	0.012	0.0416
2060 Jul	1600	32.2	50.8	1.44	946	0.356	18	0.0000349	0.0245	0.0329	0.117	0.129	3.95	359	0.000205	0.000214	0.00167	0.00135	0.0483	0.0000136	13.5	1.14	10.3	0.432	0.00145	148	0.0217	0.00583	0.000382	0.000763	0.000292	7.06	0.000057	0.000412	0.00253	0.0124	0.0428
2060 Aug	1630	32.9	52	1.48	967	0.364	18.4	0.0000357	0.025	0.0336	0.12	0.132	4.04	367	0.00021	0.000219	0.0017	0.00138	0.0495	0.0000139	13.8	1.17	10.6	0.441	0.00148	151	0.0222	0.00597	0.000391	0.00078	0.000299	7.22	0.0000583	0.000422	0.00259	0.0127	0.0437
2060 Sep	1590	31.9	50.5	1.43	939	0.354	17.9	0.0000348	0.0244	0.0327	0.116	0.128	3.92	356	0.000204	0.000214	0.00166	0.00135	0.0483	0.0000135	13.4	1.13	10.3	0.429	0.00144	147	0.0215	0.00582	0.00038	0.000759	0.000291	7.01	0.0000567	0.00041	0.00252	0.0123	0.0424
2060 Oct	1560	31.4	49.6	1.41	923	0.348	17.6	0.0000343	0.024	0.0321	0.114	0.126	3.86	350	0.0002	0.000211	0.00163	0.00133	0.0476	0.0000133	13.2	1.11	10.1	0.421	0.00142	144	0.0212	0.00573	0.000379	0.000746	0.000286	6.89	0.0000558	0.000403	0.00248	0.0122	0.0417
2060 Nov	1550	31.2	49.3	1.4	918	0.346	17.6	0.0000341	0.0239	0.0319	0.114	0.125	3.83	348	0.000199	0.00021	0.00162	0.00132	0.0473	0.0000133	13.1	1.11	10.1	0.419	0.00141	144	0.021	0.0057	0.00038	0.000742	0.000284	6.85	0.0000555	0.000401	0.00246	0.0121	0.0415
2060 Dec	1550	31.2	49.3	1.4	918	0.346	17.6	0.0000341	0.0239	0.0319	0.114	0.125	3.83	348	0.000199	0.00021	0.00162	0.00132	0.0473	0.0000133	13.1	1.11	10.1	0.419	0.00141	144	0.021	0.0057	0.00038	0.000742	0.000284	6.85	0.0000555	0.000401	0.00246	0.0121	0.0415
2061 Jan	1550	31.2	49.3	1.4	918	0.346	17.6	0.0000341	0.0239	0.0319	0.114	0.125	3.83	348	0.000199	0.00021	0.00162	0.00132	0.0473	0.0000133	13.1	1.11	10.1	0.419	0.00141	144	0.021	0.0057	0.00038	0.000742	0.000284	6.85	0.0000555	0.000401	0.00246	0.0121	0.0415
2061 Feb	1550	31.2	49.3	1.4	918	0.346	17.6	0.0000341	0.0239	0.0319	0.114	0.125	3.83	348	0.000199	0.00021	0.00162	0.00132	0.0473	0.0000133	13.1	1.11	10.1	0.419	0.00141	144	0.021	0.0057	0.00038	0.000742	0.000284	6.85	0.0000555	0.000401	0.00246	0.0121	0.0415
2061 Mar	1550	31.2	49.3	1.4	918	0.346	17.6	0.0000341	0.0239	0.0319	0.114	0.125	3.84	348	0.000199	0.00021	0.00162	0.00132	0.0474	0.0000133	13.1	1.11	10.1	0.419	0.00141	144	0.021	0.0057	0.00038	0.000742	0.000284	6.85	0.0000555	0.000401	0.00247	0.0121	0.0415
2061 Apr	1560	31.3	49.5	1.41	922	0.348	17.7	0.0000343	0.0241	0.0321	0.114	0.126	3.85	350	0.0002	0.000211	0.00163	0.00133	0.0476	0.0000133	13.2	1.11	10.1	0.421	0.00142	144	0.0211	0.00575	0.000382	0.000746	0.000286	6.88	0.0000558	0.000403	0.00248	0.0122	0.0417
2061 May	1590	32	50.5	1.43	940	0.355	18	0.000035	0.0245	0.0327	0.117	0.128	3.93	357	0.000204	0.000215	0.00166	0.00136	0.0485	0.0000136	13.5	1.13	10.3	0.429	0.00144	147	0.0216	0.00588	0.00039	0.000761	0.000291	7.02	0.0000569	0.000411	0.00253	0.0124	0.0425
2061 Jun	1470	29.5	46.6	1.32	869	0.33	16.9	0.0000326	0.0228	0.0302	0.108	0.119	3.63	330	0.000189	0.000202	0.00154	0.00127	0.0451	0.0000127	12.5	1.05	9.62	0.396	0.00134	136	0.0199	0.00554	0.000361	0.000706	0.000271	6.48	0.0000528	0.00038	0.00235	0.0115	0.0392
2061 Jul	1510	30.3	47.9	1.36	891	0.339	17.4	0.0000335	0.0234	0.031	0.111	0.122	3.72	338	0.000194	0.000208	0.00158	0.00131	0.0464	0.0000131	12.8	1.07	9.9	0.407	0.00137	139	0.0205	0.00571	0.000371	0.000725	0.000278	6.65	0.0000543	0.00039	0.00241	0.0119	0.0403
2061 Aug	1550	31	49	1.39	913	0.347	17.8	0.0000344	0.024	0.0318	0.114	0.125	3.81	347	0.000198	0.000214	0.00162	0.00134	0.0477	0.0000134	13.2	1.1	10.2	0.417	0.0014	143	0.021	0.00586	0.00038	0.000743	0.000285	6.81	0.0000557	0.0004	0.00248	0.0122	0.0412
2061 Sep	1510	30.2	47.7	1.36	889	0.339	17.4	0.0000336	0.0235	0.0309	0.111	0.122	3.71	337	0.000193	0.000209	0.00157	0.00131	0.0467	0.0000131	12.8	1.07	9.9	0.406	0.00137	139	0.0204	0.00573	0.000371	0.000724	0.000278	6.63	0.0000543	0.00039	0.00241	0.0119	0.0401
2061 Oct	1480	29.7	46.9	1.33	874	0.333	17.2	0.0000331	0.0231	0.0304	0.109	0.12	3.65	332	0.00019	0.000206	0.00155	0.00129	0.046	0.0000129	12.6	1.05	9.75	0.399	0.00134	137	0.0201	0.00564	0.00037	0.000713	0.000274	6.52	0.0000534	0.000383	0.00238	0.0117	0.0394
2061 Nov	1470	29.5	46.6	1.32	869	0.332	17.1	0.0000329	0.023	0.0302	0.108	0.119	3.63	330	0.000189	0.000205	0.00154	0.00129	0.0458	0.0000129	12.5	1.05	9.7	0.396	0.00134	136	0.02	0.00561	0.000371	0.000709	0.000272	6.48	0.0000531	0.000381	0.00236	0.0116	0.0392
2061 Dec	1470	29.5	46.6	1.32	869	0.332	17.1	0.0000329	0.023	0.0302	0.108	0.119	3.63	330	0.000189	0.000205	0.00154	0.00129	0.0458	0.0000129	12.5	1.05	9.7	0.396	0.00134	136	0.02	0.00561	0.000371	0.000709	0.000272	6.48	0.0000531	0.000381	0.00236	0.0116	0.0392
2062 Jan	1470	29.5	46.6	1.32	869	0.331	17.1	0.0000329	0.023	0.0302	0.108	0.119	3.63	330	0.000189	0.000205	0.00154	0.00129	0.0458	0.0000129	12.5	1.05	9.7	0.396	0.00134	136	0.02	0.00561	0.000371	0.000709	0.000272	6.48	0.0000531	0.000381	0.00236	0.0116	0.0392
2062 Feb	1470	29.5	46.6	1.32	869	0.332	17.1	0.0000329	0.023	0.0302	0.108	0.119	3.63	330	0.000189	0.000205	0.00154	0.00129	0.0458	0.0000129	12.5	1.05	9.7	0.396	0.00134	136	0.02	0.00561	0.000371	0.000709	0.000272	6.48	0.0000531	0.000381	0.00236	0.0116	0.0392
2062 Mar	1470	29.5	46.7	1.32	869	0.332	17.1	0.0000329	0.023	0.0302	0.108	0.119	3.63	330	0.000189	0.000205	0.00154	0.00129	0.0458	0.0000129	12.5	1.05	9.7	0.397	0.00134	136	0.02	0.00562	0.000371	0.000709	0.000272	6.48	0.0000532	0.000381	0.00236	0.0117	0.0392
2062 Apr	1480	29.7	46.9	1.33	873	0.333	17.2	0.0000331	0.0231	0.0304	0.109	0.12	3.65	331	0.00019	0.000206	0.00155	0.00129	0.046	0.0000129	12.6	1.05	9.75	0.398	0.00134	137	0.0201	0.00566	0.000373	0.000713	0.000274	6.51	0.0000534	0.000383	0.00238	0.0117	0.0394
2062 May	1510	30.2	47.8	1.36	891	0.34	17.5	0.0000337	0.0236	0.031	0.111	0.122	3.72	338	0.000194	0.00021	0.00158	0.00132	0.0469	0.0000132	12.9	1.07	9.94	0.406	0.00137	139	0.0205	0.00579	0.00038	0.000727	0.000279	6.65	0.0000545	0.000391	0.00242	0.0119	0.0402
2062 Jun	1400	27.9	44.2	1.25	823	0.316	16.4	0.0000315	0.0219	0.0286	0.103	0.114	3.44	313	0.000179	0.000197	0.00146	0.00123	0.0437	0.0000124	11.9	0.992	9.28	0.376	0.00127	129	0.019	0.00546	0.000353	0.000675	0.00026	6.14	0.0000507	0.000362	0.00225	0.0111	0.0372
2062 Jul	1430	28.7	45.4	1.29	846	0.325	17	0.0000324	0.0225	0.0294	0.106	0.117	3.53	321	0.000184	0.000204	0.0015	0.00127	0.045	0.0000127	12.3	1.02	9.56	0.386	0.0013	132	0.0195	0.00564	0.000363	0.000694	0.000267	6.31	0.0000521	0.000372	0.00232	0.0115	0.0382
2062 Aug	1470	29.4	46.4	1.32	865	0.333	17.4	0.0000332	0.0231	0.0301	0.108	0.12	3.61	328	0.000188	0.000209	0.00154	0.0013	0.0462	0.0000131	12.6	1.04	9.78	0.394	0.00133	135	0.0199	0.00578	0.000371	0.00071	0.000273	6.45	0.0000533	0.00038	0.00238	0.0117	0.039
2062 Sep	1430	28.5	45.1	1.28	841	0.324	16.9	0.0000324	0.0225	0.0292	0.105	0.116	3.51	319	0.000183	0.000204	0.0015	0.00127	0.0451	0.0000127	12.2	1.01	9.53	0.383	0.0013	131	0.0194	0.00564	0.000361	0.000691	0.000266	6.27	0.000052	0.00037	0.00231	0.0114	0.0379
2062 Oct	1400	28	44.3	1.26	826	0.319	16.7	0.0000319	0.0222	0.0287	0.104	0.114	3.45	314	0.00018	0.000201	0.00147	0.00125	0.0444	0.0000125	12	0.995	9.38	0.377	0.00127	129	0.0191	0.00555	0.00036	0.00068	0.000262	6.16	0.0000511	0.000364	0.00228	0.0113	0.0373
2062 Nov	1390	27.9	44.1	1.25	822	0.317	16.6	0.0000317	0.0221	0.0286	0.103	0.114	3.43	312	0.000179	0.0002	0.00146	0.00125	0.0442	0.0000125	12	0.989	9.33	0.375	0.00127	129	0.019	0.00552	0.000362	0.000677	0.000261	6.13	0.0000509	0.000362	0.00227	0.0112	0.0371
2062 Dec	1390	27.9	44.1	1.25	822	0.317	16.6	0.0000317	0.0221	0.0286	0.103	0.114	3.43	312	0.000179	0.0002	0.00146	0.00125	0.0442	0.0000125	12	0.989	9.33	0.375	0.00127	129	0.019	0.00552	0.000362	0.000677	0.000261	6.13	0.0000509	0.000362	0.00227	0.0112	0.0371
2063 Jan	1390	27.9	44.1	1.25	822	0.317	16.6	0.0000317	0.0221	0.0286	0.103	0.114	3.43	312	0.000179	0.0002	0.00146	0.00125	0.0442	0.0000125	12	0.989	9.33	0.375	0.00127	128	0.019	0.00552	0.000362	0.000677	0.000261	6.13	0.0000508	0.000362	0.00227	0.0112	0.0371
2063 Feb	1390	27.9	44.1	1.25	822	0.317	16.6	0.0000317	0.0221	0.0286	0.103	0.114	3.43	312	0.000179	0.0002	0.00146	0.00125	0.0442	0.0000125	12	0.989	9.33	0.375	0.00127	129	0.019	0.00552	0.000362	0.000677	0.000261	6.13	0.0000509	0.000362	0.00227	0.0112	0.0371
2063 Mar	1390	27.9	44.1	1.25	822	0.317	16.6	0.0000317	0.0221	0.0286	0.103	0.114	3.43	312	0.000179	0.0002	0.00146	0.00125	0.0442	0.0000125	12	0.99	9.33	0.375	0.00127	129	0.019	0.00553	0.000362	0.000677	0.000261	6.13	0.0000509	0.000362	0.00227	0.0112	0.0371
2063 Apr	1400	28	44.3	1.26	826	0.319	16.7	0.0000319	0.0222	0.0287	0.104	0.114	3.44	314	0.00018	0.000201	0.00147	0.00125	0.0444	0.0000125	12	0.994	9.38	0.377	0.00127	129	0.0191	0.00557	0.000363	0.00068	0.000262	6.16	0.0000511	0.000364	0.00228	0.0113	0.0373
2063 May	1430	28.6	45.2	1.28	842	0.325	17	0.0000325	0.0227	0.0293	0.106	0.117	3.51	320	0.000183	0.000205	0.0015	0.00128	0.0453	0.0000128	12.3	1.01	9.56	0.384	0.0013	132	0.0194	0.0057	0.000371	0.000694	0.000267	6.28	0.0000521	0.000371	0.00232	0.0115	0.038
2063 Jun	1320	26.4	41.6	1.18	777	0.302	15.9	0.0000303	0.021	0.027	0.0977	0.108	3.24	295	0.000169	0.000192	0.00139	0.0012	0.0421	0.000012	11.4	0.935	8.91	0.354	0.0012	121	0.018	0.00536	0.000343	0.000643	0.000248	5.79	0.0000484	0.000343	0.00216	0.0107	0.035
2063 Jul	1350	27.1	42.8	1.21	798	0.311	16.4	0.0000312	0.0216	0.0278	0.1	0.111	3.33	303	0.000174	0.000198	0.00143	0.00123	0.0434	0.0000123	11.7	0.96	9.18	0.364	0.00123	125	0.0185	0.00554	0.000353	0.000661	0.000255	5.95	0.0000498	0.000352	0.00222	0.011	0.036
2063 Aug	1390	27.7	43.8	1.24	816	0.318	16.9	0.000032	0.0222	0.0284	0.103	0.114	3.4	310	0.000178	0.000204	0.00146	0.00126	0.0446	0.0000126	12	0.982	9.4	0.372	0.00126	128	0.0189	0.00568	0.000362	0.000677	0.000261	6.09	0.000051	0.000361	0.00227	0.0113	0.0368
2063 Sep	1340	26.9	42.4	1.21	792	0.309	16.4	0.0000311	0.0216	0.0276	0.0998	0.111	3.3	301	0.000172	0.000199	0.00142	0.00123	0.0435	0.0000123	11.6	0.953	9.14	0.361	0.00122	124	0.0183	0.00553	0.000351	0.000658	0.000254	5.9	0.0000496	0.00035	0.00221	0.011	0.0357
2063 Oct	1320	26.4	41.7	1.18	778	0.304	16.2	0.0000306	0.0213	0.0271	0.0981	0.109	3.24	296	0.00017	0.000196	0.00139	0.00121	0.0428	0.0000121	11.4	0.936	8.99	0.355	0.0012	122	0.018	0.00545	0.00035	0.000647	0.00025	5.8	0.0000487	0.000344	0.00217	0.0108	0.0351
2063 Nov	1310	26.2	41.5	1.18	774	0.303	16.1	0.0000305	0.0212	0.0269	0.0976	0.108	3.23	294	0.000169	0.000195	0.00139	0.00121	0.0426	0.0000121	11.4	0.931	8.95	0.353	0.0012	121	0.0179	0.00542	0.000352	0.000644	0.000249	5.77	0.0000485	0.000343	0.00216	0.0108	0.0349
2063 Dec	1310	26.2	41.5	1.18	774	0.303	16.1	0.0000305	0.0212	0.0269	0.0976	0.108	3.23	294	0.000169	0.000195	0.00139	0.00121	0.0426	0.0000121	11.4	0.931	8.95	0.353	0.0012	121	0.0179	0.00542	0.000352	0.000644	0.000249	5.77	0.0000485	0.000343	0.00216	0.0108	0.0349
2064 Jan	1310	26.2	41.5	1.18	774	0.303	16.1	0.0000305	0.0212	0.0269	0.0976	0.108	3.23	294	0.000169	0.000195	0.00139	0.00121	0.0426	0.0000121	11.4	0.931	8.95	0.353	0.0012	121	0.0179	0.00542	0.000352	0.000644	0.000248	5.77	0.0000485	0.000343	0.00216	0.0108	0.0349
2064 Feb	1310	26.2	41.5	1.18	774	0.303	16.1	0.0000305	0.0212	0.0269	0.0976	0.108	3.23	294	0.000169	0.000195	0.00139	0.00121	0.0426	0.0000121	11.4	0.931	8.95	0.353	0.0012	121	0.0179	0.00542	0.000352	0.000644	0.000249	5.77	0.0000485	0.000343	0.00216	0.0108	0.0349
2064 Mar	1310	26.2	41.5	1.18	774	0.303	16.1	0.0000305	0.0212	0.0269	0.0976	0.108	3.23	294	0.000169	0.000195	0.00139	0.00121	0.0426	0.0000121	11.4	0.931	8.95	0.353	0.0012	121	0.0179	0.00542	0.000352	0.000644	0.000249	5.77	0.0000485	0.000343	0.00216	0.0108	0.0349
2064 Apr	1320	26.4	41.7	1.18	778	0.304	16.2	0.0000307	0.0213	0.0271	0.0981	0.109	3.24	296	0.000169	0.000196	0.00139	0.00121	0.0428	0.0000121	11.4	0.936	8.99	0.354	0.0012	122	0.018	0.00546	0.000353	0.000647	0.00025	5.8	0.0000487	0.000344	0.00218	0.0108	0.0351
2064 May	1350	26.9	42.5	1.21	793	0.31	16.5	0.0000313	0.0217	0.0276	0.1	0.111	3.31	302	0.000173	0.0002	0.00142	0.00124	0.0437	0.0000124	11.7	0.955	9.18	0.362	0.00123	124	0.0184	0.0056	0.000361	0.00066	0.000255	5.92	0.0000498	0.000351	0.00222	0.011	0.0358
2064 Jun	1240	24.8	39.2	1.11	732	0.288	15.5	0.0000292	0.0201	0.0255	0.0926	0.103	3.05	278	0.00016	0.000187	0.00132	0.00116	0.0406	0.0000116	10.8	0.88	8.55	0.333	0.00113	114	0.017	0.00527	0.000334	0.000612	0.000237	5.46	0.0000462	0.000325	0.00206	0.0103	0.033
2064 Jul	1280	25.5	40.3	1.14	752	0.297	16	0.00003	0.0207	0.0262	0.0952	0.106	3.13	286	0.000164	0.000193	0.00135	0.0012	0.0418	0.0000119	11.1	0.904	8.81	0.343	0.00116	118	0.0175	0.00544	0.000344	0.000629	0.000243	5.6	0.0000475	0.000334	0.00212	0.0106	0.0339
2064 Aug	1310	26	41.1	1.17	768	0.303	16.3	0.0000307	0.0212	0.0267	0.0973	0.108	3.2	292	0.000167	0.000198	0.00138	0.00122	0.0429	0.0000122	11.4	0.923	9.01	0.35	0.00119	120	0.0178	0.00557	0.000351	0.000643	0.000249	5.72	0.0000486	0.000341	0.00217	0.0108	0.0346
2064 Sep	1260	25.1	39.7	1.13	741	0.293	15.8	0.0000298	0.0206	0.0258	0.0939	0.104	3.08	282	0.000162	0.000192	0.00133	0.00119	0.0416	0.0000118	11	0.89	8.71	0.337	0.00115	116	0.0172	0.00539	0.000339	0.000621	0.000241	5.52	0.000047	0.000329	0.0021	0.0105	0.0334
2064 Oct	1230	24.4	38.6	1.1	720	0.286	15.4	0.000029	0.0201	0.0251	0.0914	0.102	3	274	0.000157	0.000188	0.0013	0.00116	0.0406	0.0000116	10.7	0.866	8.49	0.328	0.00112	113	0.0167	0.00526	0.000337	0.000605	0.000235	5.37	0.0000458	0.000321	0.00205	0.0102	0.0324
2064 Nov	1220	24.2	38.3	1.09	715	0.284	15.3	0.0000288	0.02	0.0249	0.0908	0.101	2.98	272	0.000156	0.000187	0.00129	0.00115	0.0404	0.0000115	10.6	0.86	8.44	0.326	0.00111	112	0.0166	0.00523	0.000338	0.000602	0.000233	5.33	0.0000455	0.000319	0.00203	0.0101	0.0322
2064 Dec	1220	24.2	38.3	1.09	715	0.284	15.3	0.0000288	0.02	0.0249	0.0908	0.101	2.98	272	0.000156	0.000187	0.00129	0.00115	0.0404	0.0000115	10.6	0.86	8.44	0.326	0.00111	112	0.0166	0.00523	0.000338	0.000602	0.000233	5.33	0.0000455	0.000319	0.00203	0.0101	0.0322
2065 Jan	1220	24.2	38.3	1.09	715	0.284	15.3	0.0000288	0.02	0.0249	0.0908	0.101	2.98	272	0.000156	0.000187	0.00129	0.00115	0.0404	0.0000115	10.6	0.86	8.44	0.326	0.00111	112	0.0166	0.00523	0.000338	0.000602	0.000233	5.33	0.0000455	0.000319	0.00203	0.0101	0.0322
2065 Feb	1220	24.2	38.3	1.09	715	0.284	15.3	0.0000288	0.02	0.0249	0.0908	0.101	2.98	272	0.000156	0.000187	0.00129	0.00115	0.0404	0.0000115	10.6	0.86	8.44	0.326	0.00111	112	0.0166	0.00523	0.000338	0.000602	0.000233	5.33	0.0000455	0.000319	0.00203	0.0101	0.0322
2065 Mar	1220	24.2	38.3	1.09	716	0.284	15.3	0.0000288	0.02	0.0249	0.0909	0.101	2.98	272	0.000156	0.000187	0.00129	0.00115	0.0404	0.0000115	10.6	0.86	8.44	0.326	0.00111	112	0.0166	0.00523	0.000338	0.000602	0.000233	5.33	0.0000455	0.000319	0.00203	0.0102	0.0322
2065 Apr	1220	24.4	38.5	1.09	719	0.285	15.4	0.000029	0.0201	0.025	0.0913	0.102	2.99	274	0.000157	0.000188	0.0013	0.00116	0.0406	0.0000115	10.7	0.864	8.48	0.328	0.00111	112	0.0167	0.00527	0.00034	0.000605	0.000234	5.36	0.0000457	0.00032	0.00204	0.0102	0.0324
2065 May	1250	24.9	39.3	1.12	734	0.291	15.7	0.0000296	0.0205	0.0255	0.0931	0.104	3.05	279	0.00016	0.000191	0.00132	0.00118	0.0414	0.0000118	10.9	0.882	8.66	0.334	0.00114	115	0.0171	0.0054	0.000347	0.000617	0.000239	5.47	0.0000466	0.000327	0.00208	0.0104	0.033
2065 Jun	1150	22.9	36.2	1.03	677	0.271	14.8	0.0000276	0.019	0.0236	0.0863	0.0962	2.82	258	0.000148	0.00018	0.00123	0.00111	0.0386	0.000011	10.1	0.814	8.08	0.308	0.00105	106	0.0158	0.00509	0.000322	0.000573	0.000222	5.05	0.0000433	0.000302	0.00194	0.0097	0.0305
2065 Jul	1190	23.6	37.3	1.06	697	0.279	15.3	0.0000285	0.0196	0.0243	0.0888	0.0991	2.9	265	0.000152	0.000186	0.00126	0.00114	0.0398	0.0000114	10.4	0.837	8.34	0.317	0.00108	109	0.0163	0.00527	0.000331	0.00059	0.000229	5.19	0.0000447	0.000311	0.002	0.01	0.0314
2065 Aug	1220	24.2	38.2	1.09	715	0.286	15.7	0.0000293	0.0201	0.0249	0.0911	0.102	2.97	272	0.000156	0.000191	0.0013	0.00117	0.0409	0.0000117	10.7	0.858	8.56	0.325	0.00111	112	0.0167	0.00542	0.00034	0.000605	0.000235	5.32	0.0000459	0.000319	0.00205	0.0103	0.0322
2065 Sep	1180	23.5	37.2	1.06	695	0.279	15.3	0.0000286	0.0197	0.0242	0.0887	0.099	2.89	265	0.000152	0.000187	0.00126	0.00115	0.0401	0.0000114	10.4	0.835	8.34	0.316	0.00108	109	0.0162	0.00529	0.000331	0.00059	0.000229	5.18	0.0000447	0.000311	0.002	0.01	0.0313
2065 Oct	1160	23	36.4	1.03	681	0.274	15	0.000028	0.0193	0.0237	0.087	0.0971	2.83	259	0.000149	0.000184	0.00124	0.00113	0.0394	0.0000112	10.2	0.818	8.19	0.31	0.00106	106	0.0159	0.00519	0.00033	0.000579	0.000225	5.07	0.0000439	0.000305	0.00196	0.00984	0.0306
2065 Nov	1150	22.9	36.2	1.03	677	0.272	15	0.0000279	0.0193	0.0236	0.0865	0.0966	2.82	258	0.000148	0.000183	0.00123	0.00112	0.0392	0.0000112	10.1	0.813	8.15	0.308	0.00105	106	0.0158	0.00517	0.000331	0.000576	0.000224	5.04	0.0000436	0.000303	0.00195	0.0098	0.0305
2065 Dec	1150	22.9	36.2	1.03	677	0.272	15	0.0000279	0.0193	0.0236	0.0865	0.0966	2.82	258	0.000148	0.000183	0.00123	0.00112	0.0392	0.0000112	10.1	0.813	8.15	0.308	0.00105	106	0.0158	0.00517	0.000331	0.000576	0.000224	5.04	0.0000436	0.000303	0.00195	0.0098	0.0305
2066 Jan	1150	22.9	36.2	1.03	677	0.272	15	0.0000279	0.0193	0.0236	0.0865	0.0966	2.82	258	0.000148	0.000183	0.00123	0.00112	0.0392	0.0000112	10.1	0.813	8.15	0.308	0.00105	106	0.0158	0.00517	0.000331	0.000576	0.000224	5.04	0.0000436	0.000303	0.00195	0.0098	0.0305
2066 Feb	1150	22.9	36.2	1.03	677	0.272	15	0.0000279	0.0193	0.0236	0.0865	0.0966	2.82	258	0.000148	0.000183	0.00123	0.00112	0.0392	0.0000112	10.1	0.813	8.15	0.308	0.00105	106	0.0158	0.00517	0.000331	0.000576	0.000224	5.04	0.0000436	0.000303	0.00195	0.0098	0.0305
2066 Mar	1150	22.9	36.2	1.03	677	0.273	15	0.0000279	0.0193	0.0236	0.0866	0.0966	2.82	258	0.000148	0.000183	0.00123	0.00112	0.0392	0.0000112	10.1	0.814	8.15	0.308	0.00105	106	0.0158	0.00517	0.000331	0.000576	0.000224	5.05	0.0000437	0.000303	0.00195	0.0098	0.0305
2066 Apr	1160	23	36.4	1.03	681	0.274	15	0.0000281	0.0194	0.0237	0.087	0.0971	2.83	259	0.000149	0.000184	0.00124	0.00113	0.0394	0.0000112	10.2	0.817	8.19	0.31	0.00106	106	0.0159	0.00521	0.000333	0.000579	0.000225	5.07	0.0000439	0.000305	0.00196	0.00985	0.0306
2066 May	1180	23.5	37.1	1.05	694	0.279	15.4	0.0000286	0.0197	0.0242	0.0887	0.0991	2.89	264	0.000152	0.000188	0.00126	0.00115	0.0402	0.0000115	10.4	0.834	8.36	0.316	0.00108	109	0.0162	0.00534	0.00034	0.00059	0.000229	5.17	0.0000448	0.000311	0.002	0.0101	0.0312

Appendix C8: GSP1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc	Radium 226
2066 Jun	1090	21.6	34.2	0.971	640	0.259	14.4	0.0000267	0.0183	0.0223	0.082	0.0918	2.66	244	0.00014	0.000176	0.00117	0.00108	0.0373	0.0000107	9.64	0.768	7.79	0.291	0.000994	100	0.015	0.00503	0.000314	0.000547	0.000213	4.76	0.0000415	0.000287	0.00186	0.00935	0.0288
2066 Jul	1120	22.2	35.1	0.996	656	0.267	14.8	0.0000275	0.0188	0.0229	0.0842	0.0943	2.73	250	0.000144	0.000181	0.0012	0.00111	0.0384	0.000011	9.9	0.788	8.01	0.299	0.00102	103	0.0154	0.00519	0.000323	0.000562	0.000219	4.89	0.0000427	0.000295	0.00191	0.00962	0.0295
2066 Aug	1150	22.7	35.9	1.02	672	0.273	15.2	0.0000282	0.0193	0.0234	0.0863	0.0967	2.79	256	0.000147	0.000186	0.00123	0.00114	0.0395	0.0000113	10.1	0.806	8.22	0.306	0.00104	105	0.0157	0.00533	0.000331	0.000576	0.000224	5	0.0000438	0.000302	0.00196	0.00987	0.0302
2066 Sep	1110	22	34.7	0.986	650	0.265	14.8	0.0000273	0.0188	0.0226	0.0835	0.0936	2.7	248	0.000142	0.000181	0.00119	0.00111	0.0384	0.000011	9.83	0.78	7.97	0.296	0.00101	102	0.0152	0.00517	0.000321	0.000558	0.000217	4.84	0.0000424	0.000292	0.0019	0.00957	0.0292
2066 Oct	1080	21.4	33.8	0.96	632	0.258	14.4	0.0000267	0.0183	0.022	0.0814	0.0912	2.63	241	0.000138	0.000177	0.00116	0.00108	0.0376	0.0000108	9.57	0.759	7.77	0.288	0.000984	98.9	0.0148	0.00505	0.000318	0.000544	0.000212	4.71	0.0000414	0.000285	0.00186	0.00934	0.0284
2066 Nov	1070	21.2	33.6	0.954	628	0.257	14.3	0.0000265	0.0182	0.0219	0.0809	0.0906	2.61	240	0.000138	0.000176	0.00115	0.00108	0.0374	0.0000107	9.51	0.754	7.73	0.286	0.000977	98.3	0.0147	0.00502	0.00032	0.000541	0.000211	4.68	0.0000411	0.000283	0.00184	0.0093	0.0282
2066 Dec	1070	21.2	33.6	0.954	628	0.257	14.3	0.0000265	0.0182	0.0219	0.0809	0.0906	2.61	240	0.000138	0.000176	0.00115	0.00108	0.0374	0.0000107	9.51	0.754	7.73	0.286	0.000977	98.3	0.0147	0.00502	0.00032	0.000541	0.000211	4.68	0.0000411	0.000283	0.00184	0.0093	0.0282
2067 Jan	1070	21.2	33.6	0.954	628	0.257	14.3	0.0000265	0.0182	0.0219	0.0809	0.0906	2.61	240	0.000138	0.000176	0.00115	0.00108	0.0374	0.0000107	9.51	0.754	7.73	0.286	0.000977	98.3	0.0147	0.00502	0.00032	0.000541	0.000211	4.68	0.0000411	0.000283	0.00184	0.0093	0.0282
2067 Feb	1070	21.2	33.6	0.954	628	0.257	14.3	0.0000265	0.0182	0.0219	0.0809	0.0906	2.61	240	0.000138	0.000176	0.00115	0.00108	0.0374	0.0000107	9.51	0.754	7.73	0.286	0.000977	98.3	0.0147	0.00502	0.00032	0.000541	0.000211	4.68	0.0000411	0.000283	0.00184	0.0093	0.0282
2067 Mar	1070	21.3	33.6	0.954	628	0.257	14.4	0.0000265	0.0182	0.0219	0.0809	0.0907	2.61	240	0.000138	0.000176	0.00115	0.00108	0.0374	0.0000107	9.52	0.754	7.73	0.286	0.000978	98.3	0.0147	0.00502	0.00032	0.000541	0.000211	4.68	0.0000411	0.000283	0.00185	0.0093	0.0283
2067 Apr	1080	21.4	33.7	0.958	631	0.258	14.4	0.0000267	0.0183	0.022	0.0813	0.0911	2.62	241	0.000138	0.000177	0.00115	0.00108	0.0376	0.0000108	9.56	0.758	7.77	0.287	0.000982	98.8	0.0148	0.00506	0.000322	0.000544	0.000212	4.7	0.0000413	0.000284	0.00185	0.00934	0.0284
2067 May	1100	21.8	34.4	0.978	644	0.263	14.7	0.0000272	0.0187	0.0224	0.0829	0.0929	2.68	246	0.000141	0.000181	0.00118	0.0011	0.0383	0.000011	9.76	0.773	7.92	0.293	0.001	101	0.0151	0.00519	0.000328	0.000555	0.000216	4.8	0.0000422	0.00029	0.00189	0.00954	0.029
2067 Jun	1020	20.1	31.7	0.901	594	0.245	13.8	0.0000254	0.0174	0.0207	0.0767	0.0862	2.47	227	0.00013	0.00017	0.00109	0.00103	0.0356	0.0000103	9.05	0.712	7.39	0.27	0.000925	92.9	0.014	0.00489	0.000304	0.000514	0.000201	4.42	0.0000392	0.000268	0.00176	0.00888	0.0267
2067 Jul	1040	20.6	32.6	0.926	610	0.252	14.3	0.0000262	0.0179	0.0213	0.0789	0.0888	2.53	233	0.000134	0.000175	0.00112	0.00107	0.0367	0.0000106	9.32	0.732	7.62	0.278	0.000951	95.5	0.0144	0.00506	0.000313	0.000529	0.000207	4.54	0.0000403	0.000276	0.00181	0.00915	0.0274
2067 Aug	1070	21.1	33.3	0.946	624	0.258	14.6	0.0000268	0.0183	0.0217	0.0807	0.0908	2.59	238	0.000137	0.00018	0.00115	0.00109	0.0377	0.0000109	9.53	0.748	7.8	0.284	0.000972	97.6	0.0147	0.00518	0.00032	0.000541	0.000212	4.64	0.0000413	0.000282	0.00185	0.00937	0.028
2067 Sep	1030	20.4	32.2	0.915	603	0.25	14.2	0.000026	0.0178	0.021	0.0782	0.0879	2.51	230	0.000132	0.000175	0.00111	0.00106	0.0367	0.0000106	9.23	0.723	7.57	0.274	0.000941	94.4	0.0142	0.00503	0.00031	0.000525	0.000205	4.49	0.00004	0.000273	0.0018	0.0091	0.0271
2067 Oct	1010	19.8	31.4	0.891	587	0.244	13.9	0.0000254	0.0174	0.0205	0.0762	0.0857	2.44	224	0.000129	0.000171	0.00108	0.00104	0.0359	0.0000103	8.99	0.704	7.38	0.267	0.000916	91.9	0.0138	0.00491	0.000308	0.000512	0.0002	4.37	0.000039	0.000266	0.00175	0.00888	0.0264
2067 Nov	1000	19.7	31.2	0.885	584	0.243	13.8	0.0000253	0.0173	0.0204	0.0757	0.0852	2.42	223	0.000128	0.00017	0.00108	0.00103	0.0357	0.0000103	8.95	0.7	7.35	0.266	0.000911	91.3	0.0138	0.00489	0.00031	0.000509	0.000199	4.35	0.0000388	0.000265	0.00175	0.00884	0.0262
2067 Dec	1000	19.7	31.2	0.885	584	0.243	13.8	0.0000253	0.0173	0.0204	0.0757	0.0852	2.42	223	0.000128	0.00017	0.00108	0.00103	0.0357	0.0000103	8.95	0.7	7.35	0.266	0.000911	91.3	0.0138	0.00489	0.00031	0.000509	0.000199	4.35	0.0000388	0.000265	0.00175	0.00884	0.0262
2068 Jan	1000	19.7	31.2	0.885	584	0.243	13.8	0.0000253	0.0173	0.0204	0.0757	0.0852	2.42	223	0.000128	0.00017	0.00108	0.00103	0.0357	0.0000103	8.95	0.7	7.35	0.265	0.000911	91.3	0.0138	0.00489	0.00031	0.000509	0.000199	4.35	0.0000388	0.000265	0.00175	0.00884	0.0262
2068 Feb	1000	19.7	31.2	0.885	584	0.243	13.8	0.0000253	0.0173	0.0204	0.0758	0.0852	2.42	223	0.000128	0.00017	0.00108	0.00103	0.0357	0.0000103	8.95	0.7	7.35	0.266	0.000911	91.4	0.0138	0.00489	0.00031	0.000509	0.000199	4.35	0.0000388	0.000265	0.00175	0.00884	0.0262
2068 Mar	1000	19.7	31.2	0.886	584	0.243	13.8	0.0000253	0.0173	0.0204	0.0758	0.0853	2.43	223	0.000128	0.00017	0.00108	0.00103	0.0357	0.0000103	8.95	0.7	7.35	0.266	0.000911	91.4	0.0138	0.00489	0.00031	0.000509	0.000199	4.35	0.0000389	0.000265	0.00175	0.00885	0.0262
2068 Apr	1000	19.8	31.3	0.89	587	0.244	13.9	0.0000254	0.0174	0.0205	0.0761	0.0857	2.44	224	0.000129	0.000171	0.00108	0.00104	0.0359	0.0000103	8.99	0.704	7.38	0.267	0.000916	91.8	0.0138	0.00493	0.000312	0.000512	0.0002	4.37	0.000039	0.000266	0.00175	0.00889	0.0264
2068 May	1030	20.2	32	0.908	599	0.249	14.2	0.000026	0.0178	0.0209	0.0777	0.0874	2.49	229	0.000131	0.000175	0.0011	0.00106	0.0366	0.0000105	9.17	0.718	7.54	0.272	0.000934	93.6	0.0141	0.00506	0.000318	0.000522	0.000204	4.46	0.0000398	0.000272	0.00179	0.00907	0.0269
2068 Jun	945	18.6	29.4	0.835	551	0.231	13.3	0.0000242	0.0165	0.0192	0.0718	0.081	2.29	211	0.000121	0.000164	0.00102	0.000992	0.034	0.00000985	8.5	0.661	7.03	0.251	0.000861	86.2	0.013	0.00476	0.000294	0.000484	0.00019	4.1	0.000037	0.000251	0.00166	0.00844	0.0247
2068 Jul	971	19.1	30.2	0.858	566	0.238	13.7	0.000025	0.017	0.0198	0.0739	0.0834	2.35	217	0.000124	0.000169	0.00105	0.00102	0.0351	0.0000102	8.75	0.679	7.24	0.257	0.000885	88.6	0.0134	0.00493	0.000303	0.000498	0.000195	4.21	0.0000381	0.000258	0.00171	0.0087	0.0254
2068 Aug	997	19.6	31	0.881	581	0.245	14.1	0.0000257	0.0175	0.0203	0.0758	0.0857	2.41	222	0.000128	0.000174	0.00108	0.00105	0.0362	0.0000105	8.99	0.696	7.44	0.264	0.000909	91	0.0138	0.00507	0.000311	0.000512	0.000201	4.32	0.0000391	0.000265	0.00176	0.00895	0.0261
2068 Sep	964	19	30	0.851	562	0.237	13.7	0.0000249	0.0169	0.0196	0.0734	0.0829	2.33	215	0.000123	0.000169	0.00104	0.00102	0.0352	0.0000102	8.7	0.673	7.21	0.255	0.000879	87.9	0.0133	0.00491	0.000301	0.000495	0.000194	4.18	0.0000379	0.000256	0.00171	0.00867	0.0252
2068 Oct	938	18.4	29.1	0.828	547	0.231	13.4	0.0000243	0.0166	0.0191	0.0715	0.0807	2.27	209	0.00012	0.000166	0.00101	0.001	0.0344	0.00000992	8.47	0.655	7.04	0.248	0.000855	85.5	0.0129	0.0048	0.000299	0.000483	0.00019	4.07	0.000037	0.00025	0.00166	0.00847	0.0245
2068 Nov	933	18.4	29	0.824	544	0.23	13.3	0.0000242	0.0165	0.019	0.0711	0.0804	2.26	208	0.00012	0.000165	0.00101	0.000997	0.0343	0.00000988	8.43	0.651	7.01	0.247	0.000851	85.1	0.0129	0.00478	0.000301	0.000481	0.000189	4.05	0.0000368	0.000248	0.00166	0.00844	0.0244
2068 Dec	933	18.4	29	0.824	544	0.23	13.3	0.0000242	0.0165	0.019	0.0711	0.0804	2.26	208	0.00012	0.000165	0.00101	0.000997	0.0343	0.00000988	8.43	0.651	7.01	0.247	0.000851	85.1	0.0129	0.00478	0.000301	0.000481	0.000189	4.05	0.0000368	0.000248	0.00166	0.00844	0.0244
2069 Jan	933	18.4	29	0.824	544	0.23	13.3	0.0000242	0.0165	0.019	0.0711	0.0804	2.26	208	0.00012	0.000165	0.00101	0.000997	0.0343	0.00000988	8.43	0.651	7	0.247	0.000851	85.1	0.0129	0.00478	0.000301	0.000481	0.000189	4.05	0.0000368	0.000248	0.00166	0.00844	0.0244
2069 Feb	933	18.4	29	0.824	544	0.23	13.3	0.0000242	0.0165	0.019	0.0711	0.0804	2.26	208	0.00012	0.000165	0.00101	0.000997	0.0343	0.00000988	8.43	0.651	7.01	0.247	0.000851	85.1	0.0129	0.00478	0.000301	0.000481	0.000189	4.05	0.0000368	0.000248	0.00166	0.00844	0.0244
2069 Mar	934	18.4	29	0.824	544	0.23	13.3	0.0000242	0.0165	0.019	0.0712	0.0804	2.26	208	0.00012	0.000165	0.00101	0.000997	0.0343	0.00000989	8.44	0.652	7.01	0.247	0.000851	85.1	0.0129	0.00478	0.000301	0.000481	0.000189	4.05	0.0000368	0.000249	0.00166	0.00844	0.0244
2069 Apr	938	18.4	29.1	0.828	547	0.231	13.4	0.0000243	0.0166	0.0191	0.0715	0.0808	2.27	209	0.00012	0.000166	0.00102	0.001	0.0344	0.00000993	8.48	0.655	7.04	0.248	0.000855	85.5	0.0129	0.00482	0.000302	0.000483	0.00019	4.07	0.000037	0.00025	0.00167	0.00848	0.0245
2069 May	957	18.8	29.7	0.844	558	0.236	13.7	0.0000248	0.0169	0.0195	0.0729	0.0824	2.31	213	0.000123	0.000169	0.00104	0.00102	0.0351	0.0000101	8.65	0.668	7.19	0.253	0.000872	87.2	0.0132	0.00494	0.000309	0.000493	0.000193	4.15	0.0000377	0.000255	0.0017	0.00866	0.025
2069 Jun	883	17.3	27.4	0.777	514	0.219	12.8	0.0000232	0.0157	0.0179	0.0675	0.0764	2.13	197	0.000113	0.000159	0.000958	0.000957	0.0327	0.00000949	8.02	0.615	6.71	0.233	0.000805	80.4	0.0122	0.00466	0.000286	0.000457	0.00018	3.82	0.0000351	0.000235	0.00158	0.00806	0.023
2069 Jul	909	17.8	28.2	0.8	529	0.226	13.3	0.0000239	0.0162	0.0184	0.0695	0.0788	2.19	202	0.000116	0.000164	0.000987	0.000989	0.0337	0.00000981	8.27	0.632	6.93	0.24	0.000828	82.7	0.0126	0.00483	0.000294	0.000471	0.000185	3.93	0.0000362	0.000242	0.00163	0.00832	0.0237
2069 Aug	932	18.3	28.9	0.82	542	0.232	13.6	0.0000246	0.0167	0.0189	0.0713	0.0809	2.25	208	0.000119	0.000169	0.00101	0.00102	0.0347	0.0000101	8.49	0.649	7.11	0.246	0.00085	84.8	0.0129	0.00496	0.000302	0.000484	0.00019	4.03	0.0000371	0.000249	0.00168	0.00855	0.0243
2069 Sep	907	17.8	28.1	0.798	527	0.226	13.3	0.000024	0.0163	0.0184	0.0695	0.0788	2.18	202	0.000116	0.000166	0.000986	0.000994	0.034	0.00000986	8.27	0.631	6.94	0.239	0.000827	82.5	0.0126	0.00484	0.000294	0.000471	0.000186	3.92	0.0000362	0.000242	0.00163	0.00835	0.0236
2069 Oct	888	17.4	27.5	0.781	516	0.222	13.1	0.0000236	0.016	0.018	0.0681	0.0772	2.14	198	0.000114	0.000163	0.000967	0.000978	0.0334	0.00000969	8.11	0.618	6.81	0.234	0.00081	80.8	0.0123	0.00476	0.000294	0.000463	0.000182	3.84	0.0000355	0.000238	0.0016	0.0082	0.0231
2069 Nov	884	17.3	27.4	0.777	514	0.221	13	0.0000235	0.0159	0.0179	0.0677	0.0769	2.13	197	0.000113	0.000162	0.000962	0.000974	0.0333	0.00000964	8.07	0.615	6.78	0.233	0.000806	80.4	0.0122	0.00473	0.000295	0.00046	0.000181	3.82	0.0000354	0.000236	0.0016	0.00817	0.023
2069 Dec	884	17.3	27.4	0.777	514	0.221	13	0.0000235	0.0159	0.0179	0.0677	0.0769	2.13	197	0.000113	0.000162	0.000962	0.000974	0.0333	0.00000965	8.07	0.615	6.78	0.233	0.000806	80.4	0.0122	0.00473	0.000295	0.00046	0.000181	3.82	0.0000354	0.000236	0.0016	0.00817	0.023
2070 Jan	884	17.3	27.4	0.777	514	0.221	13	0.0000235	0.0159	0.0179	0.0677	0.0769	2.13	197	0.000113	0.000162	0.000962	0.000974	0.0333	0.00000964	8.07	0.614	6.78	0.233	0.000806	80.4	0.0122	0.00473	0.000295	0.00046	0.000181	3.82	0.0000354	0.000236	0.0016	0.00817	0.023
2070 Feb	884	17.3	27.4	0.777	514	0.221	13	0.0000235	0.0159	0.0179	0.0678	0.0769	2.13	197	0.000113	0.000162	0.000962	0.000974	0.0333	0.00000965	8.07	0.615	6.78	0.233	0.000806	80.4	0.0122	0.00473	0.000295	0.00046	0.000181	3.82	0.0000354	0.000236	0.0016	0.00817	0.023
2070 Mar	884	17.3	27.4	0.777	514	0.221	13	0.0000235	0.016	0.0179	0.0678	0.0769	2.13	197	0.000113	0.000162	0.000962	0.000974	0.0333	0.00000965	8.07	0.615	6.78	0.233	0.000806	80.4	0.0122	0.00474	0.000295	0.000461	0.000181	3.82	0.0000354	0.000236	0.0016	0.00817	0.023
2070 Apr	888	17.4	27.5	0.781	516	0.222	13.1	0.0000236	0.016	0.018	0.0681	0.0773	2.14	198	0.000114	0.000163	0.000967	0.000979	0.0335	0.0000097	8.11	0.618	6.81	0.234	0.00081	80.8	0.0123	0.00478	0.000297	0.000463	0.000182	3.84	0.0000355	0.000238	0.0016	0.00821	0.0231
2070 May	906	17.7	28	0.797	527	0.227	13.4	0.0000241	0.0164	0.0184	0.0695	0.0788	2.18	202	0.000116	0.000166	0.000986	0.001	0.0342	0.0000099	8.27	0.63	6.95	0.239	0.000826	82.4	0.0125	0.0049	0.000303	0.000472	0.000186	3.91	0.0000363	0.000242	0.00164	0.00838	0.0236
2070 Jun	836	16.3	25.8	0.733	485	0.211	12.5	0.0000225	0.0152	0.0169	0.0642	0.0731	2.01	186	0.000107	0.000156	0.000912	0.000936	0.0317	0.00000927	7.67	0.58	6.49	0.22	0.000762	75.9	0.0116	0.00462	0.00028	0.000438	0.000173	3.6	0.0000337	0.000224	0.00152	0.0078	0.0217
2070 Jul	859	16.8	26.5	0.754	499	0.217	13	0.0000232	0.0156	0.0174	0.0661	0.0753	2.06	191	0.00011	0.000162	0.000939	0.000966	0.0328	0.00000957	7.9	0.596	6.7	0.226	0.000784	78	0.0119	0.00478	0.000289	0.000451	0.000178	3.71	0.0000347	0.000231	0.00157	0.00805	0.0223
2070 Aug	879	17.2	27.1	0.771	510	0.222	13.3	0.0000238	0.016	0.0178	0.0677	0.0771	2.11	195	0.000112	0.000166	0.000961	0.000991	0.0337	0.00000982	8.09	0.609	6.86	0.231	0.000802	79.8	0.0122	0.0049	0.000295	0.000462	0.000182	3.79	0.0000356	0.000236	0.00161	0.00825	0.0228
2070 Sep	850	16.6	26.2	0.745	493	0.216	12.9	0.0000231	0.0156	0.0172	0.0656	0.0747	2.04	189	0.000109	0.000161	0.00093	0.000963	0.0328	0.00000954	7.84	0.589	6.65	0.224	0.000776	77.2	0.0118	0.00476	0.000286	0.000447	0.000177	3.66	0.0000345	0.000228	0.00156	0.00801	0.0221
2070 Oct	828	16.2	25.5	0.725	480	0.21	12.6	0.0000226	0.0153	0.0168	0.0639	0.0728	1.99	184	0.000106	0.000158	0.000907	0.000943	0.0321	0.00000933	7.64	0.574	6.49	0.218	0.000756	75.1	0.0115	0.00465	0.000285	0.000436	0.000173	3.57	0.0000336	0.000223	0.00152	0.00783	0.0215
2070 Nov	824	16.1	25.4	0.722	478	0.209	12.6	0.0000225	0.0152	0.0167	0.0636	0.0725	1.98	183	0.000105	0.000157	0.000902	0.000939	0.032	0.00000929	7.6	0.571	6.47	0.217	0.000752	74.7	0.0114	0.00463	0.000287	0.000435	0.000172	3.55	0.0000335	0.000221	0.00151	0.0078	0.0214
2070 Dec	824	16.1	25.4	0.722	478	0.209	12.6	0.0000225	0.0152	0.0167	0.0636	0.0725	1.98	183	0.000105	0.000157	0.000902	0.000939	0.032	0.00000929	7.6	0.571	6.47	0.217	0.000752	74.7	0.0114	0.00463	0.000287	0.000435	0.000172	3.55	0.0000335	0.000221	0.00151	0.0078	0.0214

Appendix C9: WTS Lake

Constituents	**Total Dissolved Solids**	**Ammonia**	**Nitrate**	**Nitrite**	**Chloride**	**Fluoride**	**Sulphate**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Lithium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	91.5	0.152	0.284	0.00772	20.8	0.0628	11.4	0.0000075	0.0103	0.00234	0.00972	0.0247	0.0000422	14.9	0.00000458	0.000226	0.000397	0.000847	0.0855	0.00000396	2.76	0.00349	2.93	0.0757	0.0012	2.15	0.00449	0.00856	0.0000568	0.000423	0.0000795	0.123	0.00000952	0.000279	0.000855	0.00237
Operation (2023 to 2025): Average	93.3	0.165	0.311	0.00887	21.3	0.0671	12.9	0.00000793	0.0107	0.00264	0.0103	0.0262	0.0000478	15.7	0.00000492	0.000251	0.000407	0.00086	0.0959	0.00000431	2.82	0.00355	3.1	0.082	0.00155	2.27	0.00484	0.00894	0.0000641	0.00054	0.0000935	0.126	0.0000114	0.000305	0.00105	0.00245
Operation (2023 to 2025): Max	95.7	0.178	0.347	0.0104	22.1	0.0723	14.9	0.00000845	0.0109	0.003	0.011	0.0282	0.0000553	16.8	0.00000537	0.000289	0.000422	0.000885	0.105	0.00000475	2.94	0.00363	3.3	0.09	0.00191	2.43	0.00531	0.00941	0.0000739	0.000695	0.000111	0.131	0.000014	0.000338	0.00128	0.00257
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Active Closure (2026 to Sept. 2042): Min	58.2	0.0366	0.0665	0.000588	12.5	0.0436	4.63	0.0000053	0.00745	0.000599	0.00532	0.0147	0.0000109	8.35	0.00000281	0.0000633	0.000219	0.000528	0.0494	0.00000265	1.64	0.00204	1.78	0.0267	0.000308	1.19	0.0015	0.00497	0.0000491	0.000057	0.0000273	0.0652	0.00000531	0.000082	0.000271	0.00163
Active Closure (2026 to Sept. 2042): Average	68.2	0.0635	0.116	0.00202	15	0.0496	6.45	0.00000583	0.00857	0.000959	0.00625	0.0177	0.0000182	10.2	0.00000322	0.0000959	0.00027	0.000615	0.0637	0.00000302	1.93	0.00249	2.08	0.0403	0.000613	1.43	0.00216	0.0061	0.000053	0.000125	0.0000413	0.0814	0.0000061	0.000132	0.000442	0.00178
Active Closure (2026 to Sept. 2042): Max	94.9	0.168	0.299	0.00835	21.8	0.071	14.1	0.00000814	0.0111	0.00239	0.0104	0.0276	0.0000508	16.4	0.00000512	0.000235	0.000414	0.00086	0.104	0.00000461	2.8	0.00361	3.2	0.0865	0.00182	2.33	0.00466	0.00929	0.0000699	0.000429	0.000103	0.128	0.00000958	0.000319	0.0012	0.00245
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Post Closure (Oct. 2042 to 2070): Min	56.1	0.0343	0.0622	0.000521	12	0.0423	4.45	0.00000521	0.00727	0.000566	0.00521	0.0142	0.0000104	8.03	0.00000278	0.0000609	0.00021	0.000514	0.0474	0.0000026	1.58	0.00197	1.72	0.0253	0.000285	1.15	0.00143	0.00485	0.0000543	0.0000535	0.0000264	0.0626	0.00000521	0.0000775	0.00026	0.0016
Post Closure (Oct. 2042 to 2070): Average	57.2	0.0351	0.0637	0.000537	12.3	0.0431	4.54	0.00000529	0.00737	0.000578	0.00529	0.0145	0.0000106	8.19	0.00000281	0.000062	0.000214	0.000521	0.0483	0.00000265	1.61	0.002	1.75	0.0258	0.000292	1.17	0.00146	0.00492	0.0000557	0.0000546	0.0000268	0.0639	0.00000529	0.0000792	0.000265	0.00163
Post Closure (Oct. 2042 to 2070): Max	58.8	0.0367	0.0668	0.000587	12.7	0.044	4.66	0.00000535	0.00753	0.0006	0.00537	0.0149	0.0000109	8.42	0.00000284	0.0000636	0.000221	0.000533	0.0499	0.00000268	1.65	0.00206	1.79	0.0269	0.000308	1.2	0.00151	0.00502	0.0000569	0.0000572	0.0000274	0.0659	0.00000536	0.0000824	0.000273	0.00165
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	92.4	0.167	0.338	0.01	20.9	0.0628	11.4	0.00000773	0.0105	0.00294	0.0103	0.0247	0.000044	15.1	0.00000473	0.000275	0.000404	0.000878	0.0855	0.00000401	2.89	0.00351	3.01	0.0777	0.0012	2.2	0.00513	0.00856	0.0000571	0.000695	0.0000808	0.125	0.000014	0.000293	0.000855	0.00249
2023 Feb	92.8	0.17	0.341	0.0101	21.1	0.0637	11.8	0.00000782	0.0105	0.00297	0.0104	0.025	0.0000456	15.3	0.00000481	0.000279	0.000407	0.000879	0.0871	0.00000408	2.89	0.00353	3.05	0.0791	0.00127	2.23	0.0052	0.00865	0.000059	0.000694	0.0000839	0.126	0.0000139	0.000299	0.000898	0.00251
2023 Mar	93.1	0.172	0.342	0.0102	21.2	0.0645	12.2	0.00000789	0.0104	0.00299	0.0106	0.0254	0.0000472	15.5	0.0000049	0.000282	0.000409	0.000879	0.0887	0.00000415	2.9	0.00354	3.09	0.0806	0.00134	2.27	0.00524	0.00873	0.0000608	0.000692	0.0000868	0.127	0.0000139	0.000305	0.00094	0.00253
2023 Apr	93.6	0.174	0.344	0.0103	21.4	0.0655	12.6	0.00000798	0.0104	0.00299	0.0107	0.0258	0.0000488	15.7	0.00000499	0.000285	0.000413	0.00088	0.0904	0.00000422	2.91	0.00356	3.12	0.0821	0.0014	2.3	0.00527	0.00883	0.0000627	0.00069	0.0000898	0.128	0.0000138	0.000311	0.000984	0.00255
2023 May	94.4	0.177	0.347	0.0104	21.6	0.0666	12.9	0.00000808	0.0104	0.003	0.0109	0.0263	0.0000505	15.9	0.00000508	0.000289	0.000418	0.000885	0.0922	0.0000043	2.94	0.00359	3.17	0.0837	0.00147	2.34	0.00531	0.00895	0.0000646	0.00069	0.0000927	0.13	0.0000138	0.000318	0.00103	0.00257
2023 Jun	92.1	0.163	0.319	0.00923	21	0.0643	12	0.00000772	0.0103	0.00274	0.0102	0.0253	0.000046	15.3	0.00000479	0.000264	0.000404	0.000858	0.0901	0.00000409	2.83	0.00351	3.02	0.079	0.00136	2.23	0.00492	0.0087	0.0000602	0.000617	0.0000851	0.125	0.0000127	0.000295	0.000941	0.00245
2023 Jul	91.8	0.157	0.308	0.00875	20.9	0.0637	11.7	0.0000076	0.0104	0.00264	0.00996	0.025	0.0000441	15.1	0.00000468	0.000253	0.0004	0.000853	0.0898	0.00000402	2.8	0.0035	2.97	0.0773	0.00131	2.19	0.00477	0.00865	0.0000584	0.000586	0.000082	0.124	0.0000124	0.000287	0.000904	0.0024
2023 Aug	92.4	0.157	0.307	0.00867	21	0.064	11.6	0.00000762	0.0105	0.00263	0.00995	0.0251	0.0000438	15.1	0.00000468	0.000252	0.000402	0.000857	0.0904	0.00000403	2.81	0.00352	2.98	0.0773	0.00131	2.19	0.00476	0.0087	0.0000583	0.00058	0.0000816	0.124	0.0000123	0.000286	0.0009	0.00241
2023 Sep	91.7	0.153	0.3	0.0084	20.8	0.0634	11.4	0.00000753	0.0105	0.00257	0.00978	0.0248	0.0000427	15	0.0000046	0.000246	0.000399	0.00085	0.0898	0.00000397	2.78	0.0035	2.94	0.0761	0.00128	2.16	0.00467	0.00863	0.0000572	0.000563	0.0000797	0.123	0.0000121	0.00028	0.000878	0.00238
2023 Oct	91.5	0.152	0.298	0.00836	20.8	0.0632	11.4	0.0000075	0.0105	0.00256	0.00972	0.0247	0.0000422	14.9	0.00000458	0.000243	0.000397	0.000848	0.0896	0.00000396	2.77	0.00349	2.93	0.0757	0.00128	2.15	0.00466	0.0086	0.0000568	0.000556	0.0000795	0.123	0.0000119	0.000279	0.000872	0.00237
2023 Nov	91.9	0.157	0.308	0.00881	20.8	0.064	11.8	0.00000762	0.0106	0.00268	0.00983	0.025	0.0000432	15.1	0.00000466	0.000246	0.000398	0.000855	0.0904	0.00000406	2.79	0.0035	2.99	0.0772	0.00134	2.17	0.00482	0.00865	0.0000581	0.000566	0.0000836	0.123	0.0000119	0.000286	0.000907	0.00239
2023 Dec	92.4	0.162	0.314	0.00908	21	0.0649	12.2	0.00000774	0.0106	0.00274	0.00999	0.0254	0.0000447	15.3	0.00000475	0.00025	0.000401	0.000859	0.0917	0.00000415	2.81	0.00351	3.03	0.0789	0.00141	2.2	0.00492	0.00873	0.00006	0.000572	0.0000874	0.124	0.0000119	0.000294	0.00095	0.00242
2024 Jan	92.7	0.165	0.318	0.00922	21.1	0.0658	12.6	0.00000784	0.0106	0.00276	0.0101	0.0257	0.0000463	15.5	0.00000484	0.000254	0.000404	0.000861	0.093	0.00000423	2.82	0.00352	3.07	0.0806	0.00147	2.23	0.00497	0.00881	0.0000619	0.000574	0.0000907	0.125	0.0000119	0.000301	0.000994	0.00244
2024 Feb	93	0.168	0.32	0.00931	21.2	0.0666	12.9	0.00000793	0.0106	0.00276	0.0103	0.0261	0.0000478	15.7	0.00000493	0.000258	0.000406	0.000862	0.0943	0.0000043	2.83	0.00354	3.1	0.082	0.00153	2.26	0.00499	0.00888	0.0000637	0.000574	0.0000936	0.126	0.0000118	0.000307	0.00104	0.00246
2024 Mar	93.3	0.17	0.322	0.00937	21.3	0.0674	13.2	0.00000802	0.0106	0.00276	0.0105	0.0264	0.0000494	15.9	0.00000501	0.000261	0.000409	0.000863	0.0957	0.00000437	2.84	0.00355	3.14	0.0834	0.00159	2.3	0.00501	0.00895	0.0000655	0.000574	0.0000963	0.127	0.0000118	0.000313	0.00108	0.00248
2024 Apr	93.8	0.173	0.324	0.00944	21.5	0.0683	13.6	0.00000811	0.0105	0.00276	0.0106	0.0268	0.000051	16	0.0000051	0.000264	0.000412	0.000865	0.0971	0.00000444	2.85	0.00356	3.17	0.0849	0.00165	2.33	0.00502	0.00904	0.0000674	0.000573	0.0000992	0.128	0.0000117	0.000319	0.00112	0.0025
2024 May	94.6	0.175	0.328	0.00954	21.7	0.0694	13.9	0.00000823	0.0106	0.00276	0.0108	0.0272	0.0000526	16.3	0.0000052	0.000269	0.000417	0.000871	0.0989	0.00000452	2.88	0.0036	3.21	0.0866	0.00171	2.37	0.00506	0.00916	0.0000693	0.000576	0.000102	0.13	0.0000117	0.000326	0.00116	0.00253
2024 Jun	92.7	0.163	0.305	0.00865	21.2	0.0672	13	0.00000791	0.0105	0.00257	0.0103	0.0263	0.0000485	15.7	0.00000494	0.000249	0.000406	0.00085	0.0966	0.00000432	2.79	0.00353	3.09	0.0823	0.00159	2.27	0.00475	0.00894	0.000065	0.000523	0.0000946	0.126	0.0000111	0.000306	0.00107	0.00243
2024 Jul	93	0.16	0.299	0.00836	21.3	0.0671	12.8	0.00000786	0.0106	0.00251	0.0101	0.0262	0.0000472	15.7	0.00000488	0.000243	0.000406	0.000852	0.0966	0.00000428	2.79	0.00355	3.07	0.0813	0.00155	2.25	0.00467	0.00894	0.0000639	0.000507	0.0000924	0.126	0.0000109	0.0003	0.00105	0.00241
2024 Aug	93.6	0.159	0.298	0.00828	21.4	0.0674	12.8	0.00000788	0.0107	0.0025	0.0101	0.0263	0.000047	15.7	0.00000488	0.000242	0.000408	0.000857	0.0972	0.00000429	2.8	0.00357	3.07	0.0814	0.00155	2.26	0.00466	0.009	0.0000637	0.000503	0.0000919	0.126	0.0000109	0.0003	0.00104	0.00242
2024 Sep	92.9	0.156	0.292	0.00803	21.2	0.0666	12.5	0.00000778	0.0107	0.00244	0.00994	0.026	0.0000457	15.5	0.0000048	0.000236	0.000404	0.000849	0.0963	0.00000423	2.77	0.00354	3.03	0.08	0.00151	2.22	0.00457	0.00891	0.0000624	0.000488	0.0000897	0.125	0.0000107	0.000294	0.00102	0.00238
2024 Oct	92.6	0.155	0.29	0.008	21.1	0.0663	12.4	0.00000774	0.0107	0.00244	0.00987	0.0258	0.0000452	15.5	0.00000476	0.000233	0.000402	0.000847	0.0959	0.00000421	2.76	0.00353	3.02	0.0795	0.0015	2.21	0.00456	0.00888	0.0000619	0.000482	0.0000892	0.124	0.0000106	0.000292	0.00101	0.00237
2024 Nov	93.1	0.16	0.3	0.00847	21.2	0.067	12.8	0.00000786	0.0108	0.00257	0.00997	0.0261	0.0000461	15.6	0.00000484	0.000236	0.000403	0.000854	0.0966	0.00000431	2.78	0.00354	3.07	0.0809	0.00156	2.23	0.00474	0.00892	0.0000632	0.000492	0.0000932	0.125	0.0000106	0.000299	0.00104	0.0024
2024 Dec	93.5	0.164	0.307	0.00876	21.3	0.0679	13.2	0.00000798	0.0109	0.00263	0.0101	0.0264	0.0000476	15.8	0.00000493	0.000241	0.000406	0.000858	0.0978	0.0000044	2.8	0.00355	3.12	0.0826	0.00163	2.26	0.00484	0.00899	0.0000649	0.000498	0.000097	0.126	0.0000106	0.000307	0.00108	0.00243
2025 Jan	93.9	0.168	0.311	0.00891	21.5	0.0688	13.6	0.00000808	0.0109	0.00265	0.0103	0.0268	0.0000491	16	0.00000502	0.000245	0.000408	0.000861	0.0991	0.00000448	2.81	0.00356	3.16	0.0842	0.00169	2.29	0.00489	0.00907	0.0000668	0.000501	0.0001	0.126	0.0000106	0.000313	0.00112	0.00245
2025 Feb	94.2	0.17	0.314	0.00901	21.6	0.0695	13.9	0.00000816	0.0108	0.00266	0.0104	0.0271	0.0000506	16.2	0.0000051	0.000248	0.000411	0.000862	0.1	0.00000454	2.82	0.00358	3.19	0.0856	0.00174	2.32	0.00492	0.00914	0.0000685	0.000502	0.000103	0.127	0.0000105	0.000319	0.00116	0.00247
2025 Mar	94.4	0.173	0.316	0.00908	21.7	0.0703	14.2	0.00000824	0.0108	0.00266	0.0106	0.0274	0.000052	16.3	0.00000518	0.000252	0.000414	0.000863	0.102	0.0000046	2.83	0.00359	3.22	0.0869	0.0018	2.35	0.00494	0.00921	0.0000702	0.000502	0.000105	0.128	0.0000105	0.000325	0.0012	0.00249
2025 Apr	94.9	0.175	0.318	0.00916	21.8	0.0712	14.6	0.00000833	0.0108	0.00266	0.0108	0.0278	0.0000536	16.5	0.00000527	0.000256	0.000417	0.000865	0.103	0.00000467	2.85	0.0036	3.25	0.0883	0.00185	2.38	0.00496	0.00929	0.000072	0.000503	0.000108	0.129	0.0000105	0.000331	0.00124	0.00251
2025 May	95.7	0.178	0.321	0.00926	22.1	0.0723	14.9	0.00000845	0.0108	0.00267	0.011	0.0282	0.0000553	16.8	0.00000537	0.00026	0.000422	0.000871	0.105	0.00000475	2.87	0.00363	3.3	0.09	0.00191	2.43	0.00499	0.00941	0.0000739	0.000506	0.000111	0.131	0.0000105	0.000338	0.00128	0.00254
2025 Jun	93.7	0.166	0.3	0.00839	21.5	0.0698	13.9	0.0000081	0.0107	0.00248	0.0104	0.0272	0.0000509	16.2	0.00000509	0.000241	0.00041	0.00085	0.102	0.00000453	2.79	0.00357	3.16	0.0853	0.00177	2.32	0.00469	0.00916	0.0000692	0.00046	0.000103	0.127	0.00000994	0.000316	0.00118	0.00243
2025 Jul	93.9	0.162	0.293	0.0081	21.5	0.0695	13.6	0.00000804	0.0108	0.00242	0.0102	0.027	0.0000495	16.1	0.00000502	0.000235	0.000409	0.000851	0.102	0.00000448	2.78	0.00358	3.13	0.0842	0.00173	2.3	0.00461	0.00915	0.0000678	0.000445	0.0001	0.127	0.00000981	0.00031	0.00115	0.00242
2025 Aug	94.6	0.162	0.293	0.00804	21.7	0.0698	13.6	0.00000807	0.0109	0.00242	0.0102	0.0271	0.0000492	16.1	0.00000502	0.000234	0.000412	0.000857	0.102	0.00000449	2.8	0.0036	3.14	0.0843	0.00172	2.3	0.00461	0.00921	0.0000677	0.000442	0.0000997	0.127	0.00000982	0.00031	0.00115	0.00242
2025 Sep	93.9	0.158	0.287	0.0078	21.5	0.069	13.3	0.00000797	0.0109	0.00236	0.0101	0.0268	0.000048	15.9	0.00000494	0.000228	0.000408	0.00085	0.101	0.00000442	2.77	0.00358	3.1	0.0829	0.00168	2.27	0.00452	0.00913	0.0000663	0.00043	0.0000973	0.126	0.00000966	0.000304	0.00112	0.00239
2025 Oct	93.5	0.157	0.284	0.00772	21.4	0.0687	13.2	0.00000792	0.0109	0.00234	0.00998	0.0267	0.0000474	15.9	0.0000049	0.000226	0.000406	0.000847	0.101	0.0000044	2.76	0.00357	3.08	0.0823	0.00167	2.25	0.00449	0.00909	0.0000657	0.000423	0.0000962	0.126	0.00000957	0.000301	0.0011	0.00238
2025 Nov	93.7	0.161	0.291	0.00803	21.4	0.0693	13.5	0.00000796	0.0109	0.00236	0.0101	0.0269	0.0000482	16	0.00000496	0.000228	0.000407	0.00085	0.101	0.00000447	2.76	0.00357	3.12	0.0835	0.00171	2.27	0.00456	0.00912	0.0000668	0.000424	0.0000985	0.126	0.00000954	0.000307	0.00113	0.0024
2025 Dec	94.1	0.165	0.296	0.00823	21.6	0.0701	13.8	0.00000804	0.0109	0.00237	0.0102	0.0272	0.0000497	16.2	0.00000504	0.000232	0.000409	0.000853	0.102	0.00000454	2.78	0.00358	3.16	0.0851	0.00177	2.3	0.00462	0.00919	0.0000685	0.000426	0.000101	0.127	0.00000952	0.000314	0.00117	0.00242
2026 Jan	94.2	0.167	0.297	0.0083	21.6	0.0705	14	0.00000808	0.0109	0.00237	0.0103	0.0274	0.0000505	16.2	0.00000508	0.000234	0.000411	0.000853	0.103	0.00000458	2.78	0.00358	3.18	0.0859	0.0018	2.31	0.00463	0.00922	0.0000694	0.000426	0.000103	0.127	0.00000951	0.000317	0.00119	0.00243
2026 Feb	94.2	0.167	0.297	0.0083	21.6	0.0705	14	0.00000808	0.0109	0.00237	0.0103	0.0274	0.0000505	16.2	0.00000508	0.000234	0.000411	0.000853	0.103	0.00000458	2.78	0.00358	3.18	0.0859	0.0018	2.31	0.00463	0.00922	0.0000694	0.000426	0.000103	0.127	0.00000951	0.000317	0.00119	0.00243
2026 Mar	94.2	0.167	0.297	0.0083	21.6	0.0705	14	0.00000808	0.0109	0.00237	0.0103	0.0274	0.0000505	16.2	0.00000508	0.000234	0.000411	0.000854	0.103	0.00000458	2.78	0.00358	3.18	0.0859	0.0018	2.31	0.00463	0.00923	0.0000694	0.000426	0.000103	0.127	0.00000951	0.000317	0.00119	0.00243
2026 Apr	94.4	0.167	0.298	0.00831	21.6	0.0706	14	0.00000809	0.0109	0.00238	0.0103	0.0274	0.0000506	16.3	0.00000509	0.000234	0.000411	0.000855	0.103	0.00000459	2.79	0.00359	3.18	0.086	0.00181	2.32	0.00464	0.00924	0.0000695	0.000427	0.000103	0.127	0.00000952	0.000317	0.00119	0.00244
2026 May	94.9	0.168	0.299	0.00835	21.8	0.071	14.1	0.00000814	0.011	0.00239	0.0104	0.0276	0.0000508	16.4	0.00000512	0.000235	0.000414	0.00086	0.104	0.00000461	2.8	0.00361	3.2	0.0865	0.00182	2.33	0.00466	0.00929	0.0000699	0.000429	0.000103	0.128	0.00000958	0.000319	0.0012	0.00245
2026 Jun	92.9	0.156	0.279	0.00754	21.2	0.0685	13.1	0.00000781	0.0109	0.00222	0.00981	0.0265	0.0000466	15.8	0.00000485	0.000218	0.000402	0.00084	0.101	0.00000439	2.72	0.00354	3.07	0.0819	0.00168	2.23	0.00438	0.00904	0.0000653	0.00039	0.0000953	0.124	0.0000091	0.000298	0.0011	0.00235
2026 Jul	93.1	0.152	0.273	0.00728	21.2	0.0682	12.9	0.00000775	0.011	0.00217	0.00968	0.0264	0.0000453	15.7	0.00000478	0.000212	0.000402	0.000841	0.101	0.00000435	2.72	0.00355	3.04	0.0809	0.00164	2.21	0.00431	0.00904	0.000064	0.000377	0.0000929	0.124	0.000009	0.000293	0.00107	0.00233
2026 Aug	93.5	0.151	0.272	0.00718	21.3	0.0683	12.8	0.00000775	0.0111	0.00216	0.00965	0.0264	0.0000449	15.7	0.00000477	0.000211	0.000403	0.000843	0.101	0.00000434	2.72	0.00357	3.04	0.0806	0.00162	2.2	0.00429	0.00906	0.0000636	0.000373	0.0000921	0.124	0.00000898	0.000291	0.00106	0.00233
2026 Sep	92	0.145	0.262	0.0068	20.9	0.0668	12.3	0.00000756	0.0109	0.00208	0.00935	0.0258	0.0000428	15.3	0.00000462	0.000202	0.000395	0.000829	0.0989	0.00000422	2.67	0.00351	2.96	0.0782	0.00155	2.15	0.00415	0.00889	0.0000612	0.000354	0.0000881	0.122	0.00000872	0.000281	0.00101	0.00227
2026 Oct	91.4	0.142	0.256	0.0066	20.8	0.0661	12.1	0.00000748	0.0109	0.00203	0.00921	0.0255	0.0000418	15.2	0.00000455	0.000198	0.000392	0.000823	0.098	0.00000416	2.65	0.00349	2.93	0.077	0.00152	2.12	0.00407	0.00882	0.0000601	0.000345	0.0000861	0.121	0.00000859	0.000276	0.000987	0.00225
2026 Nov	91.2	0.141	0.254	0.00652	20.7	0.0659	12	0.00000744	0.0109	0.00202	0.00915	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000821	0.0977	0.00000414	2.64	0.00348	2.92	0.0766	0.0015	2.11	0.00405	0.0088	0.0000598	0.000341	0.0000853	0.12	0.00000855	0.000274	0.000978	0.00224
2026 Dec	91.2	0.141	0.254	0.00652	20.7	0.0659	12	0.00000744	0.0109	0.00202	0.00915	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000821	0.0977	0.00000414	2.64	0.00348	2.91	0.0766	0.0015	2.11	0.00405	0.0088	0.0000598	0.000341	0.0000853	0.12	0.00000855	0.000274	0.000978	0.00224
2027 Jan	91.2	0.141	0.254	0.00652	20.7	0.0659	12	0.00000744	0.0109	0.00202	0.00915	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000821	0.0977	0.00000414	2.64	0.00348	2.91	0.0765	0.0015	2.11	0.00405	0.0088	0.0000598	0.000341	0.0000853	0.12	0.00000855	0.000274	0.000978	0.00224
2027 Feb	91.2	0.141	0.254	0.00652	20.7	0.0659	12	0.00000744	0.0109	0.00202	0.00915	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000821	0.0977	0.00000414	2.64	0.00348	2.91	0.0765	0.0015	2.11	0.00405	0.0088	0.0000598	0.000341	0.0000853	0.12	0.00000855	0.000273	0.000978	0.00224
2027 Mar	91.2	0.141	0.254	0.00652	20.7	0.0659	12	0.00000744	0.0109	0.00202	0.00915	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000821	0.0977	0.00000414	2.64	0.00348	2.91	0.0765	0.0015	2.11	0.00405	0.0088	0.0000598	0.000341	0.0000853	0.12	0.00000855	0.000274	0.000978	0.00224
2027 Apr	91.3	0.141	0.255	0.00653	20.7	0.0659	12	0.00000745	0.0109	0.00202	0.00916	0.0254	0.0000414	15.1	0.00000453	0.000196	0.000391	0.000822	0.0978	0.00000414	2.64	0.00349	2.92	0.0766	0.00151	2.11	0.00405	0.0088	0.0000599	0.000341	0.0000854	0.12	0.00000856	0.000274	0.000979	0.00224
2027 May	91.7	0.142	0.256	0.00655	20.8	0.0662	12	0.00000748	0.0109	0.00203	0.0092	0.0255	0.0000415	15.2	0.00000455	0.000197	0.000393	0.000826	0.0982	0.00000416	2.65	0.0035	2.93	0.0769	0.00151	2.12	0.00407	0.00884	0.0000601	0.000342	0.0000857	0.121	0.00000859	0.000275	0.000982	0.00225
2027 Jun	88.7	0.127	0.23	0.00558	20	0.063	10.8	0.00000708	0.0107	0.00182	0.00852	0.0242	0.0000365	14.4	0.00000423	0.000176	0.000376	0.000796	0.0938	0.00000389	2.54	0.00339	2.76	0.071	0.00134	1.99	0.00371	0.00848	0.0000554	0.000295	0.0000759	0.115	0.00000801	0.000249	0.000865	0.00213
2027 Jul	88.1	0.122	0.222	0.00526	19.9	0.0623	10.5	0.00000699	0.0107	0.00175	0.00834	0.0239	0.0000349	14.2	0.00000414	0.000169	0.000372	0.00079	0.0926	0.00000382	2.51	0.00336	2.72	0.0691	0.00128	1.95	0.00361	0.00839	0.0000545	0.000281	0.000073	0.114	0.00000786	0.000241	0.000828	0.0021
2027 Aug	88.2	0.121	0.22	0.00515	19.9	0.0622	10.4	0.00000698	0.0107	0.00173	0.0083	0.0238	0.0000344	14.1	0.00000412	0.000167	0.000372	0.000791	0.0925	0.00000381	2.51	0.00337	2.71	0.0687	0.00127	1.95	0.00358	0.00838	0.0000541	0.000275	0.000072	0.114	0.00000783	0.000238	0.000816	0.0021
2027 Sep	87.1	0.117	0.213	0.0049	19.6	0.0613	10.1	0.00000687	0.0107	0.00168	0.00811	0.0234	0.000033	13.9	0.00000403	0.000161	0.000366	0.000781	0.091	0.00000374	2.48	0.00333	2.66	0.0669	0.00122	1.91	0.00348	0.00826	0.0000528	0.000263	0.0000694	0.112	0.00000767	0.000231	0.000785	0.00207
2027 Oct	86.4	0.114	0.208	0.00475	19.4	0.0607	9.89	0.00000681	0.0106	0.00164	0.00801	0.0232	0.0000323	13.8	0.00000398	0.000158	0.000363	0.000775	0.0901	0.0000037	2.46	0.0033	2.63	0.0659	0.00119	1.89	0.00342	0.00819	0.0000523	0.000256	0.000068	0.111	0.00000758	0.000227	0.000768	0.00205
2027 Nov	86.1	0.114	0.207	0.0047	19.4	0.0605	9.82	0.00000678	0.0106	0.00163	0.00797	0.023	0.000032	13.7	0.00000397	0.000157	0.000361	0.000772	0.0896	0.00000368	2.45	0.00329	2.62	0.0654	0.00118	1.88	0.00339	0.00815	0.0000523	0.000253	0.0000674	0.11	0.00000755	0.000225	0.000761	0.00204
2027 Dec	86.1	0.113	0.207	0.0047	19.3	0.0605	9.82	0.00000678	0.0106	0.00163	0.00797	0.023	0.000032	13.7	0.00000397	0.000157	0.000361	0.000771	0.0895	0.00000368	2.44	0.00328	2.62	0.0654	0.00118	1.88	0.00339	0.00814	0.0000524	0.000253	0.0000674	0.11	0.00000755	0.000225	0.000761	0.00204
2028 Jan	86	0.113	0.207	0.0047	19.3	0.0605	9.82	0.00000678	0.0106	0.00163	0.00797	0.023	0.000032	13.7	0.00000397	0.000157	0.000361	0.000771	0.0895	0.00000368	2.44	0.00328	2.62	0.0654	0.00118	1.88	0.00339	0.00814	0.0000524	0.000253	0.0000674	0.11	0.00000755	0.000225	0.000761	0.00204
2028 Feb	86	0.113	0.207	0.0047	19.3	0.0605	9.82	0.00000678	0.0106	0.00163	0.00797	0.023	0.000032	13.7	0.00000397	0.000157	0.000361	0.000771	0.0895	0.00000368	2.44	0.00328	2.62	0.0654	0.00118	1.88	0.00339	0.00814	0.0000524	0.000253	0.0000674	0.11	0.00000755	0.000225	0.000761	0.00204
2028 Mar	86	0.113	0.207	0.0047	19.3	0.0605	9.82	0.00000678	0.0106	0.00163	0.00797	0.023	0.000032	13.7	0.00000397	0.000157	0.000361	0.000771	0.0895	0.00000368	2.44	0.00328	2.62	0.0654	0.00118	1.88	0.00339	0.00814	0.0000524	0.000253	0.0000674	0.11	0.00000755	0.000225	0.000761	0.00204
2028 Apr	86.1	0.114	0.207	0.0047	19.4	0.0605	9.83	0.00000679	0.0106	0.00163	0.00798	0.0231	0.000032	13.7	0.00000397	0.000157	0.000361	0.000772	0.0896	0.00000368	2.45	0.00329	2.62	0.0654	0.00118	1.88	0.0034	0.00815	0.0000524	0.000254	0.0000675	0.111	0.00000756	0.000225	0.000762	0.00204
2028 May	86.6	0.114	0.208	0.00472	19.5	0.0608	9.87	0.00000682	0.0106	0.00164	0.00801	0.0232	0.0000321	13.8	0.00000399	0.000157	0.000363	0.000776	0.0901	0.0000037	2.46	0.0033	2.64	0.0657	0.00119	1.89	0.00341	0.00819	0.0000526	0.000255	0.0000677	0.111	0.00000759	0.000226	0.000764	0.00205
2028 Jun	83.5	0.103	0.188	0.00402	18.7	0.0582	8.99	0.00000651	0.0103	0.00148	0.00751	0.022	0.0000284	13.1	0.00000375	0.000142	0.000347	0.000747	0.0858	0.0000035	2.36	0.00318	2.5	0.0608	0.00105	1.78	0.00313	0.00784	0.0000499	0.00022	0.0000606	0.106	0.00000715	0.000206	0.000678	0.00196
2028 Jul	82.6	0.099	0.181	0.0038	18.5	0.0576	8.75	0.00000646	0.0103	0.00143	0.00739	0.0217	0.0000274	12.9	0.0000037	0.000137	0.000342	0.000739	0.0843	0.00000346	2.33	0.00314	2.47	0.0591	0.00101	1.75	0.00305	0.00773	0.0000499	0.00021	0.0000586	0.104	0.00000706	0.000199	0.000654	0.00195
2028 Aug	82.7	0.098	0.179	0.00372	18.5	0.0576	8.68	0.00000646	0.0103	0.00142	0.00737	0.0217	0.000027	12.8	0.00000369	0.000136	0.000342	0.00074	0.0842	0.00000345	2.33	0.00314	2.46	0.0587	0.001	1.75	0.00303	0.00773	0.0000498	0.000207	0.000058	0.104	0.00000705	0.000198	0.000646	0.00195
2028 Sep	81.5	0.0947	0.174	0.00355	18.2	0.0567	8.45	0.00000637	0.0101	0.00137	0.00724	0.0213	0.0000261	12.6	0.00000363	0.000131	0.000336	0.000729	0.0825	0.0000034	2.29	0.00309	2.42	0.0571	0.000963	1.72	0.00295	0.00759	0.0000492	0.000198	0.0000562	0.102	0.00000693	0.000192	0.000624	0.00192
2028 Oct	80.6	0.0928	0.17	0.00345	18	0.0562	8.32	0.00000633	0.01	0.00135	0.00717	0.0211	0.0000256	12.5	0.0000036	0.000129	0.000332	0.000722	0.0814	0.00000337	2.27	0.00305	2.4	0.0561	0.000942	1.7	0.0029	0.0075	0.0000492	0.000194	0.0000552	0.101	0.00000687	0.000188	0.000613	0.00191
2028 Nov	80.2	0.092	0.169	0.00342	17.9	0.056	8.27	0.00000631	0.01	0.00134	0.00714	0.021	0.0000254	12.4	0.00000359	0.000128	0.00033	0.000718	0.0808	0.00000336	2.26	0.00303	2.39	0.0557	0.000934	1.69	0.00288	0.00745	0.0000495	0.000192	0.0000549	0.1	0.00000685	0.000186	0.000608	0.00191
2028 Dec	80.2	0.092	0.168	0.00342	17.9	0.056	8.26	0.00000631	0.00999	0.00134	0.00714	0.021	0.0000254	12.4	0.00000359	0.000128	0.000329	0.000718	0.0808	0.00000336	2.26	0.00303	2.39	0.0557	0.000933	1.69	0.00288	0.00745	0.0000495	0.000192	0.0000549	0.1	0.00000685	0.000186	0.000608	0.00191
2029 Jan	80.2	0.092	0.168	0.00342	17.9	0.056	8.26	0.00000631	0.00999	0.00134	0.00714	0.021	0.0000254	12.4	0.00000359	0.000128	0.000329	0.000718	0.0808	0.00000336	2.26	0.00303	2.39	0.0556	0.000933	1.69	0.00288	0.00745	0.0000496	0.000192	0.0000549	0.1	0.00000685	0.000186	0.000608	0.00191
2029 Feb	80.2	0.092	0.168	0.00342	17.9	0.056	8.26	0.00000631	0.00999	0.00134	0.00714	0.021	0.0000254	12.4	0.00000359	0.000128	0.000329	0.000718	0.0808	0.00000336	2.26	0.00303	2.39	0.0556	0.000933	1.69	0.00288	0.00745	0.0000496	0.000192	0.0000549	0.1	0.00000685	0.000186	0.000608	0.00191
2029 Mar	80.2	0.092	0.168	0.00342	17.9	0.056	8.26	0.00000631	0.00999	0.00134	0.00714	0.021	0.0000254	12.4	0.00000359	0.000128	0.000329	0.000718	0.0808	0.00000336	2.26	0.00303	2.39	0.0556	0.000933	1.69	0.00288	0.00745	0.0000496	0.000192	0.0000549	0.1	0.00000685	0.000186	0.000608	0.00191
2029 Apr	80.2	0.0921	0.169	0.00342	17.9	0.0561	8.27	0.00000632	0.01	0.00134	0.00715	0.021	0.0000254	12.4	0.00000359	0.000128	0.00033	0.000719	0.0809	0.00000336	2.26	0.00304	2.39	0.0557	0.000934	1.69	0.00288	0.00746	0.0000496	0.000192	0.0000549	0.1	0.00000685	0.000187	0.000609	0.00191
2029 May	80.6	0.0925	0.169	0.00343	18	0.0563	8.31	0.00000635	0.0101	0.00134	0.00718	0.0211	0.0000255	12.5	0.00000361	0.000129	0.000331	0.000722	0.0812	0.00000338	2.27	0.00305	2.4	0.056	0.000938	1.7	0.00289	0.00749	0.0000498	0.000193	0.0000551	0.101	0.00000688	0.000187	0.000611	0.00192
2029 Jun	77.8	0.0846	0.155	0.00299	17.3	0.0543	7.73	0.00000615	0.00975	0.00124	0.00685	0.0202	0.0000232	11.9	0.00000346	0.000119	0.000317	0.000697	0.0774	0.00000324	2.18	0.00293	2.3	0.0522	0.000848	1.62	0.00269	0.00718	0.0000491	0.000172	0.0000506	0.0964	0.0000066	0.000173	0.000557	0.00186
2029 Jul	77	0.082	0.15	0.00286	17.1	0.054	7.58	0.00000612	0.00965	0.0012	0.00679	0.0199	0.0000226	11.7	0.00000343	0.000116	0.000313	0.00069	0.0761	0.00000322	2.16	0.00289	2.28	0.0508	0.000819	1.6	0.00263	0.00708	0.0000496	0.000165	0.0000494	0.0949	0.00000655	0.000168	0.000542	0.00185
2029 Aug	77.2	0.0814	0.149	0.00281	17.1	0.0541	7.54	0.00000613	0.00969	0.0012	0.00678	0.02	0.0000223	11.7	0.00000343	0.000115	0.000313	0.000692	0.0761	0.00000323	2.17	0.0029	2.29	0.0507	0.000811	1.6	0.00262	0.00709	0.0000496	0.000163	0.000049	0.095	0.00000655	0.000167	0.000537	0.00186
2029 Sep	76.1	0.079	0.145	0.00268	16.9	0.0534	7.37	0.00000607	0.00956	0.00116	0.00668	0.0197	0.0000217	11.6	0.00000338	0.000112	0.000308	0.000682	0.0747	0.00000318	2.14	0.00285	2.25	0.0494	0.000784	1.58	0.00256	0.00697	0.0000491	0.000157	0.0000477	0.0934	0.00000646	0.000162	0.000521	0.00184
2029 Oct	75.4	0.0775	0.142	0.00262	16.7	0.0529	7.27	0.00000603	0.00947	0.00114	0.00663	0.0195	0.0000213	11.4	0.00000336	0.00011	0.000305	0.000675	0.0737	0.00000316	2.11	0.00282	2.23	0.0486	0.000768	1.56	0.00252	0.00689	0.0000492	0.000154	0.0000471	0.0923	0.00000642	0.00016	0.000513	0.00183
2029 Nov	75	0.0769	0.141	0.0026	16.6	0.0527	7.24	0.00000602	0.00942	0.00113	0.00661	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000303	0.000672	0.0732	0.00000315	2.1	0.0028	2.23	0.0482	0.000762	1.55	0.00251	0.00685	0.0000495	0.000153	0.0000468	0.0917	0.0000064	0.000158	0.00051	0.00182
2029 Dec	74.9	0.0769	0.141	0.0026	16.6	0.0527	7.23	0.00000602	0.00942	0.00113	0.00661	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000302	0.000672	0.0732	0.00000315	2.1	0.0028	2.22	0.0482	0.000761	1.55	0.0025	0.00684	0.0000496	0.000153	0.0000468	0.0917	0.0000064	0.000158	0.00051	0.00182
2030 Jan	74.9	0.0769	0.141	0.0026	16.6	0.0527	7.23	0.00000602	0.00941	0.00113	0.00661	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000302	0.000672	0.0732	0.00000315	2.1	0.0028	2.22	0.0482	0.000761	1.55	0.0025	0.00684	0.0000496	0.000153	0.0000468	0.0917	0.0000064	0.000158	0.00051	0.00182
2030 Feb	74.9	0.0769	0.141	0.0026	16.6	0.0527	7.23	0.00000602	0.00941	0.00113	0.00661	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000302	0.000672	0.0732	0.00000315	2.1	0.0028	2.22	0.0482	0.000761	1.55	0.0025	0.00684	0.0000496	0.000153	0.0000468	0.0917	0.0000064	0.000158	0.00051	0.00182
2030 Mar	74.9	0.0769	0.141	0.0026	16.6	0.0527	7.23	0.00000602	0.00941	0.00113	0.00661	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000302	0.000672	0.0732	0.00000315	2.1	0.0028	2.22	0.0482	0.000761	1.55	0.0025	0.00684	0.0000496	0.000153	0.0000468	0.0917	0.0000064	0.000158	0.00051	0.00182
2030 Apr	75	0.0769	0.141	0.0026	16.6	0.0528	7.24	0.00000603	0.00943	0.00114	0.00662	0.0194	0.0000212	11.4	0.00000336	0.00011	0.000303	0.000672	0.0732	0.00000316	2.11	0.0028	2.23	0.0482	0.000762	1.56	0.00251	0.00685	0.0000496	0.000153	0.0000469	0.0918	0.00000641	0.000158	0.000511	0.00183
2030 May	75.4	0.0773	0.142	0.00261	16.7	0.053	7.27	0.00000605	0.00947	0.00114	0.00665	0.0195	0.0000213	11.4	0.00000337	0.00011	0.000304	0.000676	0.0736	0.00000317	2.12	0.00282	2.24	0.0484	0.000765	1.56	0.00252	0.00689	0.0000498	0.000153	0.0000471	0.0922	0.00000644	0.000159	0.000513	0.00183
2030 Jun	73.1	0.0716	0.131	0.0023	16.1	0.0515	6.86	0.0000059	0.00923	0.00106	0.0064	0.0188	0.0000196	11	0.00000326	0.000103	0.000293	0.000656	0.0706	0.00000307	2.05	0.00272	2.16	0.0456	0.000701	1.51	0.00237	0.00664	0.0000493	0.000138	0.0000438	0.0888	0.00000622	0.000149	0.000474	0.00179

Appendix C9: WTS Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	72.5	0.0698	0.128	0.00221	16	0.0513	6.76	0.00000589	0.00914	0.00104	0.00637	0.0186	0.0000192	10.9	0.00000325	0.000101	0.00029	0.000651	0.0696	0.00000306	2.03	0.00269	2.15	0.0446	0.00068	1.49	0.00233	0.00656	0.00005	0.000134	0.0000431	0.0877	0.0000062	0.000145	0.000465	0.00179
2030 Aug	72.8	0.0695	0.128	0.00218	16.1	0.0515	6.75	0.00000591	0.00919	0.00104	0.00638	0.0187	0.0000191	10.9	0.00000326	0.000101	0.000291	0.000653	0.0698	0.00000307	2.04	0.0027	2.16	0.0446	0.000676	1.5	0.00233	0.00659	0.00005	0.000133	0.0000429	0.0879	0.00000622	0.000145	0.000462	0.0018
2030 Sep	72	0.0677	0.124	0.00209	15.9	0.0509	6.62	0.00000586	0.00909	0.00101	0.0063	0.0184	0.0000186	10.8	0.00000322	0.0000985	0.000287	0.000646	0.0687	0.00000304	2.02	0.00267	2.13	0.0437	0.000657	1.48	0.00228	0.0065	0.0000496	0.000129	0.000042	0.0867	0.00000615	0.000141	0.000451	0.00178
2030 Oct	71.3	0.0666	0.122	0.00205	15.7	0.0505	6.55	0.00000583	0.00901	0.000996	0.00627	0.0183	0.0000184	10.7	0.0000032	0.0000973	0.000284	0.00064	0.0678	0.00000302	2	0.00263	2.12	0.043	0.000644	1.46	0.00225	0.00643	0.0000497	0.000127	0.0000415	0.0857	0.00000611	0.000139	0.000445	0.00177
2030 Nov	70.9	0.0661	0.121	0.00203	15.6	0.0504	6.52	0.00000582	0.00896	0.00099	0.00625	0.0182	0.0000183	10.6	0.0000032	0.0000969	0.000282	0.000637	0.0674	0.00000302	1.99	0.00262	2.11	0.0427	0.000639	1.46	0.00224	0.00639	0.00005	0.000126	0.0000413	0.0852	0.0000061	0.000138	0.000443	0.00177
2030 Dec	70.8	0.066	0.121	0.00203	15.6	0.0504	6.52	0.00000582	0.00895	0.000989	0.00625	0.0182	0.0000183	10.6	0.0000032	0.0000969	0.000282	0.000636	0.0673	0.00000302	1.99	0.00262	2.11	0.0426	0.000638	1.46	0.00224	0.00638	0.0000501	0.000126	0.0000413	0.0851	0.0000061	0.000138	0.000443	0.00177
2031 Jan	70.8	0.066	0.121	0.00203	15.6	0.0504	6.52	0.00000582	0.00895	0.000989	0.00625	0.0182	0.0000183	10.6	0.0000032	0.0000968	0.000282	0.000636	0.0673	0.00000302	1.99	0.00262	2.11	0.0426	0.000638	1.46	0.00224	0.00638	0.0000501	0.000126	0.0000413	0.0851	0.0000061	0.000138	0.000443	0.00177
2031 Feb	70.8	0.066	0.121	0.00203	15.6	0.0504	6.52	0.00000582	0.00895	0.000989	0.00625	0.0182	0.0000183	10.6	0.0000032	0.0000968	0.000282	0.000636	0.0673	0.00000302	1.99	0.00262	2.11	0.0426	0.000638	1.46	0.00224	0.00638	0.0000501	0.000126	0.0000413	0.0851	0.0000061	0.000138	0.000443	0.00177
2031 Mar	70.8	0.066	0.121	0.00203	15.6	0.0504	6.52	0.00000582	0.00895	0.000989	0.00625	0.0182	0.0000183	10.6	0.0000032	0.0000968	0.000282	0.000636	0.0673	0.00000302	1.99	0.00262	2.11	0.0426	0.000638	1.46	0.00224	0.00638	0.0000501	0.000126	0.0000413	0.0851	0.0000061	0.000138	0.000443	0.00177
2031 Apr	70.9	0.0661	0.121	0.00203	15.6	0.0504	6.52	0.00000583	0.00896	0.00099	0.00626	0.0182	0.0000183	10.6	0.0000032	0.0000969	0.000282	0.000637	0.0674	0.00000302	1.99	0.00262	2.11	0.0427	0.000639	1.46	0.00224	0.00639	0.0000501	0.000126	0.0000414	0.0852	0.00000611	0.000138	0.000443	0.00177
2031 May	71.3	0.0664	0.122	0.00204	15.7	0.0507	6.55	0.00000585	0.00901	0.000994	0.00628	0.0183	0.0000184	10.7	0.00000322	0.0000973	0.000284	0.00064	0.0677	0.00000303	2	0.00263	2.12	0.0429	0.000642	1.47	0.00225	0.00642	0.0000503	0.000126	0.0000415	0.0856	0.00000613	0.000139	0.000445	0.00178
2031 Jun	69.5	0.0623	0.114	0.00182	15.3	0.0495	6.25	0.00000573	0.00881	0.000938	0.0061	0.0178	0.0000172	10.3	0.00000313	0.000092	0.000275	0.000625	0.0655	0.00000296	1.95	0.00256	2.06	0.0408	0.000596	1.42	0.00214	0.00624	0.0000498	0.000116	0.0000392	0.083	0.00000597	0.000131	0.000417	0.00174
2031 Jul	69	0.0609	0.112	0.00176	15.1	0.0493	6.18	0.00000574	0.00874	0.000921	0.00609	0.0176	0.0000169	10.2	0.00000313	0.0000908	0.000272	0.00062	0.0646	0.00000295	1.94	0.00253	2.05	0.04	0.00058	1.41	0.00211	0.00617	0.0000505	0.000113	0.0000387	0.0821	0.00000596	0.000129	0.000411	0.00175
2031 Aug	69.4	0.0608	0.112	0.00173	15.2	0.0495	6.18	0.00000576	0.00879	0.000919	0.0061	0.0177	0.0000168	10.3	0.00000314	0.0000906	0.000274	0.000624	0.0649	0.00000296	1.94	0.00255	2.06	0.0401	0.000578	1.42	0.00211	0.0062	0.0000505	0.000112	0.0000386	0.0825	0.00000598	0.000128	0.000409	0.00175
2031 Sep	68.7	0.0595	0.109	0.00167	15.1	0.0491	6.08	0.00000571	0.00871	0.000902	0.00604	0.0175	0.0000165	10.2	0.00000311	0.000089	0.000271	0.000617	0.064	0.00000294	1.92	0.00252	2.04	0.0394	0.000564	1.4	0.00208	0.00613	0.0000501	0.000109	0.0000379	0.0815	0.00000592	0.000126	0.000401	0.00174
2031 Oct	68.1	0.0586	0.108	0.00164	14.9	0.0488	6.03	0.00000569	0.00863	0.00089	0.00601	0.0174	0.0000163	10.1	0.0000031	0.000088	0.000268	0.000612	0.0633	0.00000292	1.91	0.00249	2.03	0.0388	0.000554	1.39	0.00205	0.00607	0.0000502	0.000107	0.0000376	0.0806	0.0000059	0.000124	0.000397	0.00173
2031 Nov	67.7	0.0582	0.107	0.00163	14.8	0.0486	6.01	0.00000568	0.00859	0.000884	0.006	0.0173	0.0000162	10	0.00000309	0.0000877	0.000266	0.000609	0.0628	0.00000292	1.9	0.00247	2.02	0.0385	0.00055	1.39	0.00204	0.00603	0.0000506	0.000107	0.0000374	0.0801	0.00000588	0.000123	0.000396	0.00173
2031 Dec	67.7	0.0581	0.107	0.00163	14.8	0.0486	6	0.00000568	0.00858	0.000884	0.006	0.0173	0.0000162	10	0.00000309	0.0000876	0.000266	0.000609	0.0627	0.00000292	1.9	0.00247	2.02	0.0385	0.000549	1.39	0.00204	0.00602	0.0000506	0.000107	0.0000374	0.0801	0.00000588	0.000123	0.000395	0.00173
2032 Jan	67.7	0.0581	0.107	0.00163	14.8	0.0486	6	0.00000568	0.00858	0.000884	0.006	0.0173	0.0000162	10	0.00000309	0.0000876	0.000266	0.000609	0.0627	0.00000292	1.9	0.00247	2.02	0.0385	0.000549	1.39	0.00204	0.00602	0.0000506	0.000107	0.0000374	0.08	0.00000588	0.000123	0.000395	0.00173
2032 Feb	67.7	0.0581	0.107	0.00163	14.8	0.0486	6	0.00000568	0.00858	0.000884	0.006	0.0173	0.0000162	10	0.00000309	0.0000876	0.000266	0.000609	0.0627	0.00000292	1.9	0.00247	2.02	0.0385	0.000549	1.39	0.00204	0.00602	0.0000506	0.000107	0.0000374	0.08	0.00000588	0.000123	0.000395	0.00173
2032 Mar	67.7	0.0581	0.107	0.00163	14.8	0.0486	6	0.00000568	0.00858	0.000884	0.006	0.0173	0.0000162	10	0.00000309	0.0000876	0.000266	0.000609	0.0627	0.00000292	1.9	0.00247	2.02	0.0385	0.000549	1.39	0.00204	0.00602	0.0000506	0.000107	0.0000374	0.08	0.00000588	0.000123	0.000395	0.00173
2032 Apr	67.7	0.0582	0.107	0.00163	14.8	0.0486	6.01	0.00000569	0.00859	0.000885	0.006	0.0173	0.0000162	10	0.0000031	0.0000877	0.000266	0.00061	0.0628	0.00000292	1.9	0.00247	2.02	0.0385	0.00055	1.39	0.00204	0.00603	0.0000507	0.000107	0.0000375	0.0801	0.00000589	0.000123	0.000396	0.00173
2032 May	68.1	0.0585	0.107	0.00164	14.9	0.0489	6.04	0.00000571	0.00863	0.000889	0.00603	0.0174	0.0000163	10.1	0.00000311	0.0000881	0.000268	0.000613	0.0632	0.00000293	1.91	0.00249	2.03	0.0387	0.000552	1.39	0.00205	0.00606	0.0000509	0.000107	0.0000376	0.0806	0.00000592	0.000124	0.000398	0.00174
2032 Jun	66.8	0.0555	0.102	0.00148	14.6	0.0479	5.81	0.00000561	0.00848	0.000848	0.00588	0.017	0.0000154	9.83	0.00000304	0.0000842	0.000261	0.000601	0.0615	0.00000287	1.87	0.00243	1.99	0.0372	0.000519	1.36	0.00197	0.00592	0.0000504	0.0000994	0.0000359	0.0786	0.00000579	0.000118	0.000377	0.00171
2032 Jul	66.3	0.0545	0.0999	0.00144	14.5	0.0479	5.77	0.00000562	0.00842	0.000835	0.00588	0.0169	0.0000153	9.76	0.00000304	0.0000833	0.000259	0.000597	0.0608	0.00000287	1.86	0.00241	1.98	0.0366	0.000508	1.36	0.00195	0.00587	0.0000511	0.0000975	0.0000356	0.0779	0.00000579	0.000116	0.000373	0.00171
2032 Aug	66.7	0.0544	0.0999	0.00142	14.6	0.0481	5.77	0.00000564	0.00848	0.000835	0.0059	0.017	0.0000152	9.81	0.00000305	0.0000832	0.00026	0.000601	0.0611	0.00000288	1.87	0.00242	1.99	0.0367	0.000506	1.36	0.00195	0.0059	0.000051	0.0000967	0.0000355	0.0783	0.00000581	0.000116	0.000372	0.00172
2032 Sep	66.1	0.0534	0.0981	0.00137	14.4	0.0477	5.69	0.0000056	0.0084	0.000821	0.00585	0.0168	0.0000149	9.71	0.00000303	0.000082	0.000258	0.000595	0.0604	0.00000286	1.85	0.0024	1.97	0.0361	0.000496	1.35	0.00193	0.00584	0.0000506	0.0000945	0.000035	0.0775	0.00000576	0.000114	0.000366	0.00171
2032 Oct	65.5	0.0527	0.0966	0.00135	14.3	0.0474	5.65	0.00000559	0.00833	0.000811	0.00582	0.0167	0.0000148	9.62	0.00000302	0.0000812	0.000255	0.00059	0.0597	0.00000285	1.84	0.00238	1.96	0.0356	0.000488	1.34	0.0019	0.00578	0.0000507	0.0000933	0.0000347	0.0767	0.00000574	0.000113	0.000362	0.0017
2032 Nov	65.2	0.0523	0.0958	0.00134	14.2	0.0473	5.63	0.00000558	0.00828	0.000806	0.00581	0.0166	0.0000147	9.57	0.00000301	0.0000809	0.000254	0.000588	0.0593	0.00000285	1.83	0.00236	1.96	0.0353	0.000484	1.33	0.00189	0.00575	0.0000511	0.0000929	0.0000346	0.0762	0.00000573	0.000112	0.000361	0.0017
2032 Dec	65.2	0.0522	0.0957	0.00134	14.2	0.0472	5.63	0.00000558	0.00828	0.000805	0.00581	0.0166	0.0000147	9.57	0.00000301	0.0000809	0.000253	0.000587	0.0592	0.00000285	1.83	0.00236	1.96	0.0353	0.000483	1.33	0.00189	0.00574	0.0000511	0.0000929	0.0000346	0.0761	0.00000573	0.000112	0.000361	0.0017
2033 Jan	65.1	0.0522	0.0957	0.00134	14.2	0.0472	5.63	0.00000558	0.00828	0.000805	0.00581	0.0166	0.0000147	9.57	0.00000301	0.0000809	0.000253	0.000587	0.0592	0.00000285	1.83	0.00236	1.96	0.0353	0.000483	1.33	0.00189	0.00574	0.0000511	0.0000929	0.0000346	0.0761	0.00000573	0.000112	0.000361	0.0017
2033 Feb	65.1	0.0522	0.0957	0.00134	14.2	0.0472	5.63	0.00000558	0.00828	0.000805	0.00581	0.0166	0.0000147	9.57	0.00000301	0.0000809	0.000253	0.000587	0.0592	0.00000285	1.83	0.00236	1.96	0.0353	0.000483	1.33	0.00189	0.00574	0.0000511	0.0000929	0.0000346	0.0761	0.00000573	0.000112	0.000361	0.0017
2033 Mar	65.1	0.0522	0.0957	0.00134	14.2	0.0472	5.63	0.00000558	0.00828	0.000805	0.00581	0.0166	0.0000147	9.57	0.00000301	0.0000809	0.000253	0.000587	0.0592	0.00000285	1.83	0.00236	1.96	0.0353	0.000483	1.33	0.00189	0.00574	0.0000511	0.0000929	0.0000346	0.0761	0.00000573	0.000112	0.000361	0.0017
2033 Apr	65.2	0.0523	0.0958	0.00134	14.2	0.0473	5.63	0.00000558	0.00829	0.000806	0.00582	0.0166	0.0000148	9.58	0.00000302	0.000081	0.000254	0.000588	0.0593	0.00000285	1.83	0.00236	1.96	0.0353	0.000484	1.33	0.00189	0.00575	0.0000512	0.0000929	0.0000347	0.0762	0.00000573	0.000112	0.000361	0.0017
2033 May	65.6	0.0525	0.0963	0.00135	14.3	0.0475	5.66	0.00000561	0.00833	0.00081	0.00584	0.0167	0.0000148	9.63	0.00000303	0.0000814	0.000255	0.000591	0.0596	0.00000286	1.84	0.00237	1.97	0.0355	0.000486	1.34	0.0019	0.00578	0.0000514	0.0000933	0.0000348	0.0766	0.00000576	0.000113	0.000363	0.00171
2033 Jun	64.5	0.0504	0.0924	0.00123	14.1	0.0467	5.48	0.00000552	0.00822	0.00078	0.00572	0.0164	0.0000142	9.44	0.00000297	0.0000784	0.00025	0.000582	0.0584	0.00000281	1.81	0.00233	1.93	0.0344	0.000462	1.31	0.00185	0.00568	0.0000509	0.0000876	0.0000335	0.0752	0.00000565	0.000109	0.000347	0.00169
2033 Jul	64.2	0.0496	0.0909	0.0012	14	0.0467	5.46	0.00000554	0.00817	0.000771	0.00573	0.0163	0.0000141	9.39	0.00000298	0.0000778	0.000249	0.000579	0.0578	0.00000282	1.8	0.00231	1.93	0.0339	0.000453	1.31	0.00183	0.00564	0.0000515	0.0000863	0.0000333	0.0746	0.00000566	0.000107	0.000345	0.00169
2033 Aug	64.7	0.0497	0.0911	0.00119	14.1	0.047	5.47	0.00000556	0.00823	0.000772	0.00575	0.0164	0.000014	9.45	0.00000299	0.0000779	0.00025	0.000583	0.0582	0.00000283	1.82	0.00233	1.94	0.0341	0.000453	1.32	0.00184	0.00568	0.0000515	0.0000858	0.0000333	0.0751	0.00000568	0.000107	0.000345	0.0017
2033 Sep	64.2	0.049	0.0898	0.00116	14	0.0467	5.41	0.00000553	0.00817	0.000762	0.00571	0.0163	0.0000138	9.37	0.00000297	0.0000769	0.000248	0.000579	0.0577	0.00000281	1.8	0.00231	1.93	0.0337	0.000446	1.31	0.00181	0.00563	0.000051	0.0000841	0.0000329	0.0745	0.00000564	0.000106	0.00034	0.00169
2033 Oct	63.7	0.0483	0.0885	0.00114	13.9	0.0464	5.37	0.00000551	0.0081	0.000754	0.00569	0.0162	0.0000137	9.29	0.00000296	0.0000764	0.000246	0.000574	0.057	0.0000028	1.79	0.00229	1.91	0.0333	0.000439	1.3	0.0018	0.00558	0.0000511	0.0000833	0.0000327	0.0737	0.00000562	0.000105	0.000337	0.00168
2033 Nov	63.4	0.048	0.0878	0.00113	13.8	0.0463	5.36	0.0000055	0.00806	0.000749	0.00568	0.0161	0.0000137	9.25	0.00000296	0.0000761	0.000244	0.000572	0.0566	0.00000279	1.78	0.00227	1.91	0.033	0.000435	1.29	0.00179	0.00554	0.0000515	0.0000829	0.0000326	0.0733	0.00000562	0.000104	0.000336	0.00168
2033 Dec	63.3	0.0479	0.0877	0.00113	13.8	0.0463	5.36	0.0000055	0.00805	0.000749	0.00568	0.0161	0.0000137	9.24	0.00000296	0.0000761	0.000244	0.000571	0.0566	0.00000279	1.78	0.00227	1.91	0.033	0.000435	1.29	0.00178	0.00554	0.0000516	0.0000829	0.0000326	0.0732	0.00000562	0.000104	0.000336	0.00168
2034 Jan	63.3	0.0479	0.0877	0.00113	13.8	0.0463	5.35	0.0000055	0.00805	0.000748	0.00568	0.0161	0.0000137	9.24	0.00000296	0.0000761	0.000244	0.000571	0.0565	0.00000279	1.78	0.00227	1.91	0.0329	0.000435	1.29	0.00178	0.00554	0.0000516	0.0000829	0.0000326	0.0732	0.00000562	0.000104	0.000336	0.00168
2034 Feb	63.3	0.0479	0.0877	0.00113	13.8	0.0463	5.35	0.0000055	0.00805	0.000748	0.00568	0.0161	0.0000137	9.24	0.00000296	0.0000761	0.000244	0.000571	0.0565	0.00000279	1.78	0.00227	1.91	0.0329	0.000435	1.29	0.00178	0.00554	0.0000516	0.0000829	0.0000326	0.0732	0.00000562	0.000104	0.000336	0.00168
2034 Mar	63.3	0.0479	0.0877	0.00113	13.8	0.0463	5.36	0.0000055	0.00805	0.000748	0.00568	0.0161	0.0000137	9.24	0.00000296	0.0000761	0.000244	0.000571	0.0565	0.00000279	1.78	0.00227	1.91	0.0329	0.000435	1.29	0.00178	0.00554	0.0000516	0.0000829	0.0000326	0.0732	0.00000562	0.000104	0.000336	0.00168
2034 Apr	63.4	0.048	0.0878	0.00113	13.8	0.0463	5.36	0.00000551	0.00806	0.000749	0.00568	0.0161	0.0000137	9.25	0.00000296	0.0000761	0.000244	0.000572	0.0566	0.0000028	1.78	0.00227	1.91	0.033	0.000435	1.29	0.00179	0.00554	0.0000516	0.000083	0.0000326	0.0733	0.00000562	0.000104	0.000337	0.00168
2034 May	63.7	0.0482	0.0883	0.00114	13.9	0.0465	5.39	0.00000554	0.00811	0.000753	0.00571	0.0162	0.0000138	9.3	0.00000297	0.0000765	0.000246	0.000575	0.0569	0.00000281	1.79	0.00229	1.92	0.0332	0.000438	1.3	0.00179	0.00557	0.0000518	0.0000833	0.0000328	0.0737	0.00000565	0.000104	0.000338	0.00169
2034 Jun	62.9	0.0467	0.0855	0.00105	13.7	0.0459	5.25	0.00000546	0.00802	0.000731	0.00561	0.016	0.0000132	9.16	0.00000293	0.0000742	0.000242	0.000568	0.0561	0.00000277	1.77	0.00226	1.89	0.0324	0.00042	1.28	0.00175	0.0055	0.0000513	0.000079	0.0000317	0.0726	0.00000556	0.000101	0.000326	0.00167
2034 Jul	62.7	0.0461	0.0842	0.00103	13.6	0.0459	5.24	0.00000548	0.00798	0.000723	0.00562	0.0159	0.0000132	9.12	0.00000294	0.0000738	0.000241	0.000566	0.0556	0.00000277	1.76	0.00224	1.89	0.032	0.000413	1.28	0.00174	0.00546	0.0000519	0.0000782	0.0000316	0.0721	0.00000557	0.0001	0.000325	0.00168
2034 Aug	63.1	0.0462	0.0846	0.00102	13.7	0.0462	5.25	0.0000055	0.00804	0.000726	0.00564	0.016	0.0000132	9.18	0.00000295	0.000074	0.000243	0.00057	0.056	0.00000278	1.77	0.00226	1.9	0.0322	0.000414	1.29	0.00175	0.0055	0.0000519	0.0000779	0.0000317	0.0727	0.00000559	0.000101	0.000325	0.00168
2034 Sep	62.7	0.0456	0.0835	0.000999	13.6	0.0459	5.2	0.00000547	0.00799	0.000718	0.0056	0.0159	0.000013	9.11	0.00000293	0.0000732	0.000241	0.000566	0.0555	0.00000277	1.76	0.00224	1.89	0.0319	0.000408	1.28	0.00173	0.00546	0.0000514	0.0000766	0.0000313	0.0721	0.00000556	0.0000995	0.000321	0.00167
2034 Oct	62.2	0.0451	0.0825	0.000986	13.5	0.0456	5.17	0.00000546	0.00793	0.000711	0.00559	0.0158	0.0000129	9.04	0.00000292	0.0000727	0.000239	0.000562	0.055	0.00000276	1.75	0.00222	1.88	0.0315	0.000403	1.27	0.00171	0.00541	0.0000515	0.0000759	0.0000312	0.0715	0.00000554	0.0000984	0.000319	0.00167
2034 Nov	61.9	0.0448	0.0818	0.000981	13.4	0.0455	5.15	0.00000545	0.00788	0.000707	0.00558	0.0157	0.0000129	8.99	0.00000292	0.0000725	0.000237	0.000559	0.0546	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.26	0.0017	0.00538	0.0000519	0.0000757	0.0000311	0.071	0.00000553	0.0000976	0.000318	0.00167
2034 Dec	61.8	0.0447	0.0817	0.000981	13.4	0.0455	5.15	0.00000545	0.00788	0.000706	0.00558	0.0157	0.0000129	8.99	0.00000292	0.0000725	0.000237	0.000559	0.0545	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.26	0.0017	0.00538	0.000052	0.0000757	0.0000311	0.0709	0.00000553	0.0000975	0.000318	0.00167
2035 Jan	61.8	0.0447	0.0817	0.000981	13.4	0.0455	5.15	0.00000545	0.00788	0.000706	0.00558	0.0157	0.0000129	8.99	0.00000292	0.0000725	0.000237	0.000559	0.0545	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.26	0.0017	0.00537	0.000052	0.0000756	0.0000311	0.0709	0.00000553	0.0000975	0.000318	0.00167
2035 Feb	61.8	0.0447	0.0817	0.00098	13.4	0.0455	5.15	0.00000545	0.00788	0.000706	0.00558	0.0157	0.0000129	8.99	0.00000292	0.0000725	0.000237	0.000559	0.0545	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.26	0.0017	0.00537	0.000052	0.0000756	0.0000311	0.0709	0.00000553	0.0000975	0.000318	0.00167
2035 Mar	61.8	0.0447	0.0817	0.000981	13.4	0.0455	5.15	0.00000545	0.00788	0.000706	0.00558	0.0157	0.0000129	8.99	0.00000292	0.0000725	0.000237	0.000559	0.0545	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.26	0.0017	0.00537	0.000052	0.0000757	0.0000311	0.0709	0.00000553	0.0000975	0.000318	0.00167
2035 Apr	61.9	0.0448	0.0818	0.000981	13.5	0.0456	5.16	0.00000546	0.00789	0.000707	0.00558	0.0157	0.0000129	9	0.00000292	0.0000725	0.000237	0.000559	0.0546	0.00000276	1.74	0.00221	1.87	0.0312	0.000399	1.27	0.0017	0.00538	0.000052	0.0000757	0.0000311	0.071	0.00000554	0.0000976	0.000318	0.00167
2035 May	62.3	0.045	0.0822	0.000985	13.5	0.0458	5.18	0.00000548	0.00793	0.00071	0.00561	0.0158	0.000013	9.05	0.00000293	0.0000729	0.000239	0.000563	0.0549	0.00000277	1.75	0.00222	1.88	0.0314	0.000401	1.27	0.00171	0.00541	0.0000522	0.000076	0.0000313	0.0714	0.00000556	0.0000982	0.00032	0.00168
2035 Jun	61.6	0.0439	0.0803	0.000922	13.4	0.0452	5.07	0.00000541	0.00786	0.000693	0.00552	0.0156	0.0000126	8.93	0.00000289	0.0000711	0.000236	0.000557	0.0543	0.00000273	1.73	0.0022	1.86	0.0309	0.000389	1.25	0.00168	0.00535	0.0000516	0.0000728	0.0000305	0.0706	0.00000548	0.0000961	0.00031	0.00166
2035 Jul	61.5	0.0434	0.0793	0.000908	13.3	0.0453	5.07	0.00000543	0.00784	0.000689	0.00554	0.0156	0.0000125	8.91	0.0000029	0.0000709	0.000235	0.000556	0.0539	0.00000274	1.73	0.00219	1.86	0.0306	0.000384	1.25	0.00167	0.00533	0.0000523	0.0000723	0.0000304	0.0703	0.0000055	0.0000952	0.00031	0.00166
2035 Aug	62	0.0437	0.0799	0.000901	13.5	0.0456	5.09	0.00000546	0.00791	0.000692	0.00557	0.0157	0.0000125	8.98	0.00000291	0.0000711	0.000237	0.00056	0.0544	0.00000276	1.74	0.00221	1.87	0.0308	0.000386	1.26	0.00168	0.00538	0.0000522	0.0000721	0.0000305	0.0709	0.00000553	0.0000958	0.00031	0.00167
2035 Sep	61.6	0.0432	0.079	0.000883	13.4	0.0453	5.05	0.00000543	0.00786	0.000686	0.00553	0.0156	0.0000124	8.92	0.0000029	0.0000705	0.000236	0.000557	0.054	0.00000274	1.73	0.0022	1.86	0.0305	0.000381	1.25	0.00167	0.00534	0.0000517	0.0000711	0.0000302	0.0704	0.0000055	0.0000949	0.000307	0.00166
2035 Oct	61.2	0.0427	0.0781	0.000873	13.3	0.0451	5.02	0.00000542	0.0078	0.000679	0.00552	0.0155	0.0000124	8.86	0.00000289	0.0000701	0.000234	0.000553	0.0535	0.00000273	1.72	0.00218	1.85	0.0302	0.000376	1.25	0.00165	0.0053	0.0000518	0.0000706	0.0000301	0.0698	0.00000548	0.0000939	0.000306	0.00166
2035 Nov	60.9	0.0424	0.0774	0.000869	13.2	0.045	5.01	0.00000541	0.00776	0.000676	0.00551	0.0154	0.0000123	8.81	0.00000289	0.0000699	0.000232	0.00055	0.0531	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00165	0.00527	0.0000522	0.0000704	0.00003	0.0694	0.00000547	0.0000932	0.000305	0.00166
2035 Dec	60.8	0.0424	0.0773	0.000869	13.2	0.045	5.01	0.00000541	0.00775	0.000675	0.00551	0.0154	0.0000123	8.81	0.00000289	0.0000699	0.000232	0.00055	0.053	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00164	0.00526	0.0000523	0.0000703	0.00003	0.0693	0.00000547	0.0000931	0.000305	0.00166
2036 Jan	60.8	0.0424	0.0773	0.000869	13.2	0.045	5.01	0.00000541	0.00775	0.000675	0.00551	0.0154	0.0000123	8.8	0.00000289	0.0000699	0.000232	0.00055	0.053	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00164	0.00526	0.0000523	0.0000703	0.00003	0.0693	0.00000547	0.0000931	0.000305	0.00166
2036 Feb	60.8	0.0424	0.0773	0.000869	13.2	0.045	5.01	0.00000541	0.00775	0.000675	0.00551	0.0154	0.0000123	8.8	0.00000289	0.0000699	0.000232	0.00055	0.053	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00164	0.00526	0.0000523	0.0000703	0.00003	0.0693	0.00000547	0.0000931	0.000305	0.00166
2036 Mar	60.8	0.0424	0.0773	0.000869	13.2	0.045	5.01	0.00000541	0.00775	0.000675	0.00551	0.0154	0.0000123	8.81	0.00000289	0.0000699	0.000232	0.00055	0.053	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00164	0.00526	0.0000523	0.0000703	0.00003	0.0693	0.00000547	0.0000931	0.000305	0.00166
2036 Apr	60.9	0.0424	0.0774	0.00087	13.2	0.045	5.01	0.00000542	0.00776	0.000676	0.00551	0.0155	0.0000123	8.82	0.00000289	0.00007	0.000232	0.000551	0.0531	0.00000273	1.71	0.00216	1.85	0.0299	0.000373	1.24	0.00165	0.00527	0.0000523	0.0000704	0.0000301	0.0694	0.00000548	0.0000932	0.000305	0.00166
2036 May	61.2	0.0427	0.0779	0.000873	13.3	0.0453	5.04	0.00000544	0.00781	0.000679	0.00554	0.0155	0.0000124	8.86	0.0000029	0.0000703	0.000234	0.000554	0.0534	0.00000275	1.72	0.00217	1.86	0.0301	0.000375	1.25	0.00165	0.0053	0.0000525	0.0000707	0.0000302	0.0698	0.00000551	0.0000937	0.000307	0.00167
2036 Jun	60.7	0.0418	0.0765	0.000826	13.2	0.0448	4.95	0.00000538	0.00776	0.000667	0.00546	0.0154	0.0000121	8.78	0.00000287	0.0000688	0.000232	0.000549	0.053	0.00000271	1.71	0.00216	1.84	0.0297	0.000366	1.24	0.00163	0.00525	0.000052	0.0000682	0.0000295	0.0692	0.00000543	0.0000922	0.000299	0.00165
2036 Jul	60.6	0.0415	0.0757	0.000816	13.1	0.0449	4.95	0.0000054	0.00773	0.000663	0.00548	0.0154	0.0000121	8.76	0.00000288	0.0000688	0.000231	0.000548	0.0527	0.00000272	1.71	0.00215	1.84	0.0295	0.000362	1.24	0.00162	0.00523	0.0000526	0.0000679	0.0000296	0.0689	0.00000546	0.0000914	0.000299	0.00166
2036 Aug	61.1	0.0418	0.0763	0.000812	13.2	0.0452	4.97	0.00000543	0.0078	0.000667	0.00551	0.0155	0.0000121	8.83	0.00000289	0.000069	0.000233	0.000553	0.0532	0.00000273	1.72	0.00217	1.85	0.0298	0.000365	1.24	0.00164	0.00528	0.0000526	0.0000678	0.0000296	0.0696	0.00000548	0.0000921	0.0003	0.00166
2036 Sep	60.8	0.0414	0.0756	0.000797	13.2	0.0449	4.94	0.0000054	0.00776	0.000661	0.00548	0.0154	0.000012	8.77	0.00000287	0.0000685	0.000231	0.00055	0.0529	0.00000272	1.71	0.00216	1.84	0.0295	0.000361	1.24	0.00162	0.00525	0.0000521	0.000067	0.0000294	0.0691	0.00000545	0.0000914	0.000297	0.00165
2036 Oct	60.3	0.0409	0.0747	0.00079	13.1	0.0447	4.91	0.00000539	0.0077	0.000656	0.00546	0.0153	0.0000119	8.71	0.00000287	0.0000681	0.000229	0.000546	0.0523	0.00000271	1.7	0.00214	1.83	0.0292	0.000356	1.23	0.00161	0.00521	0.0000522	0.0000666	0.0000293	0.0685	0.00000543	0.0000904	0.000296	0.00165
2036 Nov	60	0.0406	0.0741	0.000786	13	0.0446	4.9	0.00000538	0.00766	0.000652	0.00545	0.0152	0.0000119	8.67	0.00000287	0.0000679	0.000228	0.000543	0.052	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000526	0.0000664	0.0000292	0.0681	0.00000543	0.0000897	0.000295	0.00165
2036 Dec	60	0.0406	0.074	0.000786	13	0.0445	4.89	0.00000538	0.00765	0.000651	0.00545	0.0152	0.0000119	8.66	0.00000287	0.0000679	0.000228	0.000543	0.0519	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000526	0.0000664	0.0000292	0.068	0.00000543	0.0000896	0.000295	0.00165
2037 Jan	60	0.0406	0.074	0.000786	13	0.0445	4.89	0.00000538	0.00765	0.000651	0.00545	0.0152	0.0000119	8.66	0.00000287	0.0000679	0.000228	0.000543	0.0519	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000526	0.0000664	0.0000292	0.068	0.00000543	0.0000896	0.000295	0.00165
2037 Feb	60	0.0406	0.074	0.000786	13	0.0445	4.89	0.00000538	0.00765	0.000651	0.00545	0.0152	0.0000119	8.66	0.00000287	0.0000679	0.000228	0.000543	0.0519	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000526	0.0000664	0.0000292	0.068	0.00000543	0.0000896	0.000295	0.00165
2037 Mar	60	0.0406	0.074	0.000786	13	0.0445	4.89	0.00000538	0.00765	0.000651	0.00545	0.0152	0.0000119	8.66	0.00000287	0.0000679	0.000228	0.000543	0.0519	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000527	0.0000664	0.0000292	0.068	0.00000543	0.0000896	0.000295	0.00165
2037 Apr	60	0.0406	0.0741	0.000787	13	0.0446	4.9	0.00000539	0.00766	0.000652	0.00546	0.0152	0.0000119	8.67	0.00000287	0.000068	0.000228	0.000544	0.052	0.00000271	1.69	0.00212	1.83	0.0289	0.000353	1.23	0.0016	0.00517	0.0000527	0.0000665	0.0000292	0.0681	0.00000543	0.0000897	0.000295	0.00165
2037 May	60.4	0.0409	0.0745	0.00079	13.1	0.0448	4.92	0.00000541	0.00771	0.000656	0.00549	0.0153	0.000012	8.72	0.00000288	0.0000683	0.000229	0.000547	0.0523	0.00000272	1.7	0.00214	1.84	0.0291	0.000355	1.23	0.00161	0.0052	0.0000529	0.0000668	0.0000294	0.0685	0.00000546	0.0000903	0.000297	0.00166
2037 Jun	60	0.0403	0.0736	0.000754	13	0.0444	4.85	0.00000535	0.00767	0.000646	0.00542	0.0152	0.0000117	8.65	0.00000285	0.0000671	0.000228	0.000543	0.052	0.00000269	1.69	0.00213	1.82	0.0289	0.000349	1.22	0.00159	0.00517	0.0000523	0.0000648	0.0000288	0.0681	0.00000539	0.0000892	0.000291	0.00164
2037 Jul	59.9	0.04	0.0729	0.000748	13	0.0445	4.86	0.00000538	0.00765	0.000643	0.00544	0.0152	0.0000117	8.64	0.00000286	0.0000672	0.000227	0.000542	0.0517	0.0000027	1.69	0.00212	1.82	0.0286	0.000346	1.22	0.00159	0.00516	0.000053	0.0000646	0.0000289	0.0679	0.00000542	0.0000886	0.000291	0.00165
2037 Aug	60.5	0.0403	0.0736	0.000744	13.1	0.0448	4.88	0.0000054	0.00772	0.000648	0.00546	0.0153	0.0000117	8.71	0.00000287	0.0000674	0.000229	0.000547	0.0523	0.00000272	1.7	0.00214	1.83	0.029	0.000348	1.23	0.0016	0.00521	0.0000529	0.0000646	0.000029	0.0685	0.00000544	0.0000894	0.000292	0.00166
2037 Sep	60.1	0.04	0.073	0.000734	13	0.0446	4.85	0.00000538	0.00768	0.000643	0.00544	0.0152	0.0000117	8.66	0.00000286	0.000067	0.000228	0.000544	0.052	0.0000027	1.69	0.00213	1.82	0.0288	0.000345	1.22	0.00159	0.00518	0.0000524	0.000064	0.0000288	0.0681	0.00000542	0.0000887	0.000289	0.00165
2037 Oct	59.7	0.0396	0.0722	0.000728	12.9	0.0444	4.83	0.00000536	0.00763	0.000638	0.00542	0.0151	0.0000116	8.6	0.00000285	0.0000666	0.000226	0.000541	0.0515	0.0000027	1.68	0.00211	1.82	0.0284	0.000341	1.22	0.00158	0.00514	0.0000525	0.0000636	0.0000287	0.0676	0.0000054	0.0000878	0.000288	0.00164
2037 Nov	59.4	0.0393	0.0716	0.000725	12.9	0.0442	4.81	0.00000536	0.00759	0.000635	0.00542	0.0151	0.0000116	8.56	0.00000285	0.0000665	0.000225	0.000538	0.0511	0.00000269	1.67	0.0021	1.81	0.0282	0.000339	1.21	0.00157	0.00511	0.0000529	0.0000635	0.0000286	0.0672	0.0000054	0.0000872	0.000288	0.00164
2037 Dec	59.4	0.0393	0.0715	0.000725	12.8	0.0442	4.81	0.00000536	0.00758	0.000634	0.00541	0.0151	0.0000116	8.56	0.00000285	0.0000665	0.000225	0.000538	0.051	0.00000269	1.67	0.00209	1.81	0.0282	0.000338	1.21	0.00157	0.0051	0.000053	0.0000635	0.0000286	0.0671	0.00000539	0.0000871	0.000288	0.00164
2038 Jan	59.4	0.0393	0.0715	0.000725	12.8	0.0442	4.81	0.00000536	0.00758	0.000634	0.00541	0.0151	0.0000116	8.56	0.00000285	0.0000665	0.000225	0.000538	0.051	0.00000269	1.67	0.00209	1.81	0.0282	0.000338	1.21	0.00157	0.0051	0.000053	0.0000635	0.0000286	0.0671	0.00000539	0.0000871	0.000288	0.00164
2038 Feb	59.4	0.0393	0.0715	0.000725	12.8	0.0442	4.81	0.00000536	0.00758	0.000634	0.00541	0.0151	0.0000116	8.56	0.00000285	0.0000665	0.000225	0.000538	0.051	0.00000269	1.67	0.00209	1.81	0.0282	0.000338	1.21	0.00157	0.0051	0.000053	0.0000635	0.0000286	0.0671	0.00000539	0.0000871	0.000288	0.00164
2038 Mar	59.4	0.0393	0.0715	0.000725	12.8	0.0442	4.81	0.00000536	0.00758	0.000634	0.00541	0.0151	0.0000116	8.56	0.00000285	0.0000665	0.000225	0.000538	0.051	0.00000269	1.67	0.00209	1.81	0.0282	0.000338	1.21	0.00157	0.0051	0.000053	0.0000635	0.0000286	0.0671	0.0000054	0.0000871	0.000288	0.00164
2038 Apr	59.4	0.0393	0.0716	0.000725	12.9	0.0443	4.82	0.00000537	0.00759	0.000635	0.00542	0.0151	0.0000116	8.57	0.00000285	0.0000665	0.000225	0.000539	0.0511	0.0000027	1.67	0.0021	1.81	0.0282	0.000339	1.21	0.00157	0.00511	0.000053	0.0000636	0.0000287	0.0672	0.0000054	0.0000872	0.000288	0.00165
2038 May	59.8	0.0396	0.0721	0.000728	12.9	0.0445	4.84	0.00000539	0.00764	0.000638	0.00545	0.0152	0.0000116	8.62	0.00000287	0.0000669	0.000226	0.000542	0.0514	0.00000271	1.68	0.00211	1.82	0.0284	0.000341	1.22	0.00158	0.00514	0.0000532	0.0000638	0.0000288	0.0676	0.00000543	0.0000877	0.000289	0.00165
2038 Jun	59.5	0.0391	0.0714	0.0007	12.9	0.0441	4.78	0.00000533	0.0076	0.000631	0.00538	0.015	0.0000114	8.56	0.00000283	0.0000659	0.000225	0.000538	0.0512	0.00000268	1.67	0.0021	1.81	0.0282	0.000336	1.21	0.00156	0.00511	0.0000526	0.0000622	0.0000283	0.0673	0.00000536	0.000087	0.000284	0.00164
2038 Jul	59.4	0.0389	0.0709	0.000697	12.8	0.0443	4.79	0.00000536	0.00759	0.000629	0.00541	0.0151	0.0000115	8.56	0.00000285	0.000066	0.000225	0.000539	0.051	0.00000269	1.67	0.0021	1.81	0.0281	0.000334	1.21	0.00156	0.0051	0.0000533	0.0000622	0.0000284	0.0671	0.00000539	0.0000865	0.000285	0.00165
2038 Aug	60	0.0393	0.0717	0.000696	13	0.0446	4.82	0.00000539	0.00767	0.000635	0.00544	0.0152	0.0000115	8.64	0.00000287	0.0000664	0.000227	0.000544	0.0516	0.00000271	1.69	0.00212	1.83	0.0284	0.000337	1.22	0.00157	0.00516	0.0000533	0.0000624	0.0000285	0.0678	0.00000542	0.0000874	0.000286	0.00165
2038 Sep	59.8	0.0391	0.0713	0.000686	12.9	0.0444	4.79	0.00000537	0.00765	0.000631	0.00541	0.0151	0.0000114	8.6	0.00000285	0.0000659	0.000226	0.000541	0.0514	0.00000269	1.68	0.00211	1.82	0.0283	0.000335	1.22	0.00157	0.00514	0.0000527	0.0000618	0.0000283	0.0676	0.0000054	0.000087	0.000284	0.00165
2038 Oct	59.4	0.0387	0.0705	0.000682	12.8	0.0442	4.77	0.00000535	0.00759	0.000626	0.0054	0.015	0.0000114	8.54	0.00000284	0.0000656	0.000225	0.000538	0.051	0.00000269	1.67	0.00209	1.81	0.028	0.000331	1.21	0.00155	0.0051	0.0000528	0.0000615	0.0000282	0.067	0.00000538	0.0000861	0.000283	0.00164
2038 Nov	59.1	0.0384	0.0699	0.000679	12.8	0.0441	4.76	0.00000535	0.00755	0.000623	0.00539	0.015	0.0000114	8.5	0.00000284	0.0000655	0.000223	0.000535	0.0506	0.00000268	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00155	0.00506	0.0000532	0.0000614	0.0000282	0.0666	0.00000538	0.0000855	0.000283	0.00164
2038 Dec	59	0.0384	0.0698	0.000679	12.7	0.044	4.76	0.00000535	0.00754	0.000622	0.00539	0.015	0.0000114	8.49	0.00000284	0.0000654	0.000223	0.000535	0.0505	0.00000268	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00154	0.00506	0.0000533	0.0000614	0.0000282	0.0665	0.00000538	0.0000854	0.000283	0.00164
2039 Jan	59	0.0384	0.0698	0.000679	12.7	0.044	4.76	0.00000535	0.00754	0.000622	0.00539	0.015	0.0000114	8.49	0.00000284	0.0000654	0.000223	0.000535	0.0505	0.00000268	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00154	0.00506	0.0000533	0.0000614	0.0000282	0.0665	0.00000538	0.0000854	0.000283	0.00164
2039 Feb	59	0.0384	0.0698	0.000679	12.7	0.044	4.76	0.00000535	0.00754	0.000622	0.00539	0.015	0.0000114	8.49	0.00000284	0.0000654	0.000223	0.000535	0.0505	0.00000268	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00154	0.00506	0.0000533	0.0000614	0.0000282	0.0665	0.00000538	0.0000854	0.000283	0.00164
2039 Mar	59	0.0384	0.0698	0.000679	12.7	0.044	4.76	0.00000535	0.00754	0.000622	0.00539	0.015	0.0000114	8.49	0.00000284	0.0000654	0.000223	0.000535	0.0505	0.00000268	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00154	0.00506	0.0000533	0.0000614	0.0000282	0.0665	0.00000538	0.0000854	0.000283	0.00164
2039 Apr	59.1	0.0384	0.0699	0.00068	12.8	0.0441	4.76	0.00000535	0.00755	0.000623	0.0054	0.015	0.0000114	8.5	0.00000285	0.0000655	0.000223	0.000536	0.0506	0.00000269	1.66	0.00208	1.8	0.0277	0.000328	1.21	0.00155	0.00507	0.0000534	0.0000614	0.0000282	0.0666	0.00000538	0.0000855	0.000283	0.00164
2039 May	59.4	0.0386	0.0704	0.000683	12.8	0.0443	4.79	0.00000538	0.0076	0.000626	0.00542	0.0151	0.0000114	8.55	0.00000286	0.0000659	0.000225	0.000539	0.0509	0.0000027	1.67	0.00209	1.81	0.0279	0.00033	1.21	0.00155	0.0051	0.0000536	0.0000617	0.0000284	0.067	0.00000541	0.000086	0.000284	0.00165

Appendix C9: WTS Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	59.1	0.0383	0.0699	0.00066	12.8	0.0439	4.73	0.00000532	0.00757	0.00062	0.00536	0.015	0.0000112	8.5	0.00000283	0.000065	0.000224	0.000536	0.0508	0.00000267	1.66	0.00209	1.8	0.0278	0.000327	1.2	0.00154	0.00507	0.000053	0.0000603	0.0000279	0.0667	0.00000535	0.0000855	0.000279	0.00163
2039 Jul	59.1	0.0381	0.0694	0.000657	12.8	0.0441	4.74	0.00000535	0.00755	0.000618	0.00539	0.015	0.0000113	8.49	0.00000284	0.0000651	0.000223	0.000536	0.0505	0.00000268	1.66	0.00208	1.8	0.0276	0.000325	1.21	0.00154	0.00506	0.0000537	0.0000604	0.000028	0.0666	0.00000537	0.000085	0.00028	0.00164
2039 Aug	59.7	0.0385	0.0702	0.000657	12.9	0.0444	4.77	0.00000538	0.00763	0.000624	0.00542	0.0151	0.0000113	8.58	0.00000286	0.0000655	0.000226	0.000541	0.0511	0.0000027	1.68	0.0021	1.82	0.028	0.000328	1.22	0.00155	0.00512	0.0000536	0.0000605	0.0000282	0.0673	0.0000054	0.0000859	0.000282	0.00165
2039 Sep	59.4	0.0383	0.0698	0.00065	12.8	0.0442	4.74	0.00000535	0.0076	0.000621	0.00539	0.015	0.0000112	8.54	0.00000284	0.0000651	0.000225	0.000538	0.0509	0.00000269	1.67	0.0021	1.81	0.0278	0.000326	1.21	0.00155	0.0051	0.0000531	0.00006	0.000028	0.067	0.00000538	0.0000855	0.00028	0.00164
2039 Oct	59	0.0379	0.0691	0.000646	12.7	0.044	4.72	0.00000534	0.00755	0.000616	0.00537	0.0149	0.0000112	8.48	0.00000283	0.0000648	0.000223	0.000535	0.0505	0.00000268	1.66	0.00208	1.8	0.0275	0.000323	1.2	0.00153	0.00506	0.0000532	0.0000598	0.0000279	0.0665	0.00000536	0.0000847	0.000279	0.00164
2039 Nov	58.7	0.0376	0.0685	0.000644	12.7	0.0439	4.71	0.00000534	0.00751	0.000612	0.00537	0.0149	0.0000112	8.44	0.00000283	0.0000646	0.000221	0.000532	0.0501	0.00000268	1.65	0.00206	1.79	0.0273	0.00032	1.2	0.00153	0.00502	0.0000536	0.0000597	0.0000279	0.066	0.00000536	0.000084	0.000278	0.00164
2039 Dec	58.6	0.0376	0.0684	0.000644	12.7	0.0439	4.71	0.00000534	0.0075	0.000612	0.00537	0.0149	0.0000112	8.43	0.00000283	0.0000646	0.000221	0.000532	0.05	0.00000268	1.65	0.00206	1.79	0.0273	0.000319	1.2	0.00152	0.00502	0.0000537	0.0000597	0.0000279	0.066	0.00000536	0.0000839	0.000278	0.00164
2040 Jan	58.6	0.0376	0.0684	0.000644	12.7	0.0439	4.71	0.00000534	0.0075	0.000612	0.00537	0.0149	0.0000112	8.43	0.00000283	0.0000646	0.000221	0.000532	0.05	0.00000268	1.65	0.00206	1.79	0.0273	0.000319	1.2	0.00152	0.00502	0.0000537	0.0000597	0.0000279	0.066	0.00000536	0.0000839	0.000278	0.00164
2040 Feb	58.6	0.0376	0.0684	0.000644	12.7	0.0439	4.71	0.00000534	0.0075	0.000612	0.00537	0.0149	0.0000112	8.43	0.00000283	0.0000646	0.000221	0.000532	0.05	0.00000268	1.65	0.00206	1.79	0.0273	0.000319	1.2	0.00152	0.00502	0.0000537	0.0000597	0.0000279	0.066	0.00000536	0.0000839	0.000278	0.00164
2040 Mar	58.6	0.0376	0.0684	0.000644	12.7	0.0439	4.71	0.00000534	0.0075	0.000612	0.00537	0.0149	0.0000112	8.43	0.00000283	0.0000646	0.000221	0.000532	0.05	0.00000268	1.65	0.00206	1.79	0.0273	0.000319	1.2	0.00152	0.00502	0.0000537	0.0000597	0.0000279	0.066	0.00000536	0.0000839	0.000278	0.00164
2040 Apr	58.7	0.0376	0.0685	0.000644	12.7	0.0439	4.71	0.00000534	0.00751	0.000613	0.00537	0.0149	0.0000112	8.44	0.00000284	0.0000647	0.000222	0.000533	0.0501	0.00000268	1.65	0.00206	1.8	0.0273	0.00032	1.2	0.00153	0.00503	0.0000537	0.0000597	0.0000279	0.0661	0.00000536	0.000084	0.000279	0.00164
2040 May	59.1	0.0379	0.0689	0.000647	12.8	0.0441	4.74	0.00000537	0.00756	0.000616	0.0054	0.015	0.0000112	8.49	0.00000285	0.000065	0.000223	0.000536	0.0504	0.00000269	1.66	0.00208	1.8	0.0275	0.000322	1.21	0.00154	0.00506	0.0000539	0.00006	0.000028	0.0665	0.00000539	0.0000846	0.00028	0.00165
2040 Jun	58.8	0.0376	0.0686	0.000629	12.7	0.0438	4.69	0.00000531	0.00753	0.000611	0.00534	0.0149	0.0000111	8.44	0.00000282	0.0000642	0.000222	0.000533	0.0503	0.00000266	1.65	0.00207	1.79	0.0274	0.00032	1.2	0.00152	0.00504	0.0000533	0.0000589	0.0000276	0.0662	0.00000533	0.0000841	0.000276	0.00163
2040 Jul	58.8	0.0375	0.0682	0.000628	12.7	0.0439	4.7	0.00000534	0.00752	0.00061	0.00537	0.0149	0.0000111	8.45	0.00000284	0.0000644	0.000222	0.000533	0.0501	0.00000268	1.66	0.00207	1.8	0.0273	0.000318	1.2	0.00152	0.00503	0.0000541	0.000059	0.0000278	0.0661	0.00000536	0.0000838	0.000277	0.00164
2040 Aug	59.4	0.0379	0.0691	0.000629	12.8	0.0443	4.74	0.00000537	0.00761	0.000616	0.0054	0.015	0.0000112	8.53	0.00000285	0.0000648	0.000224	0.000539	0.0508	0.00000269	1.67	0.00209	1.81	0.0276	0.000321	1.21	0.00154	0.00509	0.000054	0.0000592	0.0000279	0.0669	0.00000539	0.0000848	0.000278	0.00165
2040 Sep	59.2	0.0377	0.0688	0.000623	12.8	0.0441	4.71	0.00000535	0.00758	0.000613	0.00537	0.015	0.0000111	8.49	0.00000284	0.0000644	0.000223	0.000536	0.0506	0.00000268	1.67	0.00208	1.8	0.0275	0.00032	1.2	0.00153	0.00507	0.0000534	0.0000587	0.0000277	0.0666	0.00000536	0.0000844	0.000277	0.00164
2040 Oct	58.8	0.0374	0.068	0.000619	12.7	0.0439	4.69	0.00000533	0.00752	0.000608	0.00536	0.0149	0.0000111	8.43	0.00000283	0.0000642	0.000222	0.000533	0.0501	0.00000267	1.65	0.00207	1.79	0.0272	0.000316	1.2	0.00152	0.00503	0.0000535	0.0000585	0.0000276	0.0661	0.00000535	0.0000836	0.000276	0.00164
2040 Nov	58.4	0.0371	0.0674	0.000618	12.6	0.0437	4.68	0.00000533	0.00748	0.000605	0.00535	0.0148	0.000011	8.39	0.00000283	0.000064	0.00022	0.00053	0.0497	0.00000267	1.65	0.00205	1.79	0.027	0.000314	1.19	0.00151	0.005	0.0000539	0.0000584	0.0000276	0.0656	0.00000534	0.000083	0.000275	0.00164
2040 Dec	58.4	0.037	0.0673	0.000618	12.6	0.0437	4.67	0.00000533	0.00747	0.000604	0.00535	0.0148	0.000011	8.38	0.00000283	0.000064	0.00022	0.00053	0.0497	0.00000267	1.65	0.00205	1.79	0.0269	0.000313	1.19	0.00151	0.00499	0.000054	0.0000584	0.0000276	0.0656	0.00000534	0.0000828	0.000275	0.00164
2041 Jan	58.4	0.037	0.0673	0.000617	12.6	0.0437	4.67	0.00000533	0.00747	0.000604	0.00535	0.0148	0.000011	8.38	0.00000283	0.000064	0.00022	0.00053	0.0496	0.00000267	1.65	0.00205	1.79	0.0269	0.000313	1.19	0.00151	0.00499	0.000054	0.0000584	0.0000276	0.0656	0.00000534	0.0000828	0.000275	0.00164
2041 Feb	58.4	0.037	0.0673	0.000617	12.6	0.0437	4.67	0.00000533	0.00747	0.000604	0.00535	0.0148	0.000011	8.38	0.00000283	0.000064	0.00022	0.00053	0.0496	0.00000267	1.65	0.00205	1.79	0.0269	0.000313	1.19	0.00151	0.00499	0.000054	0.0000584	0.0000276	0.0656	0.00000534	0.0000828	0.000275	0.00164
2041 Mar	58.4	0.037	0.0673	0.000618	12.6	0.0437	4.67	0.00000533	0.00747	0.000604	0.00535	0.0148	0.000011	8.38	0.00000283	0.000064	0.00022	0.00053	0.0497	0.00000267	1.65	0.00205	1.79	0.0269	0.000313	1.19	0.00151	0.00499	0.000054	0.0000584	0.0000276	0.0656	0.00000534	0.0000828	0.000275	0.00164
2041 Apr	58.5	0.0371	0.0674	0.000618	12.6	0.0438	4.68	0.00000533	0.00748	0.000605	0.00536	0.0148	0.0000111	8.4	0.00000283	0.0000641	0.00022	0.000531	0.0497	0.00000267	1.65	0.00205	1.79	0.027	0.000314	1.19	0.00151	0.005	0.0000541	0.0000585	0.0000276	0.0657	0.00000535	0.000083	0.000276	0.00164
2041 May	58.8	0.0373	0.0679	0.000621	12.7	0.044	4.7	0.00000536	0.00753	0.000609	0.00538	0.0149	0.0000111	8.44	0.00000285	0.0000644	0.000222	0.000534	0.0501	0.00000269	1.66	0.00206	1.8	0.0272	0.000316	1.2	0.00152	0.00503	0.0000543	0.0000588	0.0000278	0.0661	0.00000538	0.0000835	0.000277	0.00165
2041 Jun	58.6	0.0371	0.0677	0.000606	12.6	0.0437	4.66	0.0000053	0.0075	0.000604	0.00533	0.0148	0.000011	8.4	0.00000282	0.0000637	0.000221	0.000531	0.05	0.00000266	1.65	0.00206	1.78	0.0271	0.000314	1.19	0.00151	0.00501	0.0000537	0.0000578	0.0000274	0.0658	0.00000532	0.0000832	0.000273	0.00163
2041 Jul	58.6	0.037	0.0673	0.000607	12.6	0.0438	4.67	0.00000534	0.0075	0.000604	0.00536	0.0148	0.000011	8.41	0.00000283	0.0000639	0.000221	0.000532	0.0498	0.00000267	1.65	0.00206	1.79	0.027	0.000312	1.2	0.00151	0.00501	0.0000544	0.000058	0.0000275	0.0658	0.00000535	0.0000829	0.000274	0.00164
2041 Aug	59.2	0.0374	0.0682	0.000608	12.8	0.0442	4.71	0.00000537	0.00758	0.00061	0.00539	0.015	0.0000111	8.49	0.00000285	0.0000643	0.000223	0.000537	0.0505	0.00000269	1.67	0.00208	1.8	0.0274	0.000316	1.21	0.00153	0.00506	0.0000543	0.0000582	0.0000277	0.0665	0.00000538	0.0000839	0.000276	0.00165
2041 Sep	59	0.0373	0.0679	0.000603	12.7	0.044	4.68	0.00000534	0.00755	0.000607	0.00536	0.0149	0.000011	8.46	0.00000283	0.000064	0.000222	0.000535	0.0503	0.00000268	1.66	0.00207	1.8	0.0273	0.000315	1.2	0.00152	0.00504	0.0000538	0.0000578	0.0000275	0.0663	0.00000535	0.0000835	0.000274	0.00164
2041 Oct	58.6	0.0369	0.0672	0.0006	12.6	0.0438	4.66	0.00000533	0.0075	0.000603	0.00535	0.0148	0.000011	8.4	0.00000283	0.0000637	0.000221	0.000531	0.0498	0.00000267	1.65	0.00206	1.79	0.027	0.000311	1.19	0.00151	0.005	0.0000539	0.0000576	0.0000275	0.0657	0.00000534	0.0000828	0.000273	0.00164
2041 Nov	58.2	0.0367	0.0666	0.000598	12.6	0.0436	4.65	0.00000532	0.00746	0.000599	0.00534	0.0148	0.0000109	8.36	0.00000283	0.0000636	0.000219	0.000529	0.0495	0.00000267	1.64	0.00204	1.78	0.0268	0.000309	1.19	0.0015	0.00497	0.0000543	0.0000575	0.0000274	0.0653	0.00000533	0.0000822	0.000273	0.00163
2041 Dec	58.2	0.0366	0.0665	0.000598	12.5	0.0436	4.65	0.00000532	0.00745	0.000599	0.00534	0.0147	0.0000109	8.35	0.00000283	0.0000636	0.000219	0.000528	0.0494	0.00000267	1.64	0.00204	1.78	0.0267	0.000308	1.19	0.0015	0.00497	0.0000544	0.0000575	0.0000274	0.0652	0.00000533	0.000082	0.000273	0.00163
2042 Jan	58.2	0.0366	0.0665	0.000598	12.5	0.0436	4.65	0.00000532	0.00745	0.000599	0.00534	0.0147	0.0000109	8.35	0.00000283	0.0000635	0.000219	0.000528	0.0494	0.00000267	1.64	0.00204	1.78	0.0267	0.000308	1.19	0.0015	0.00497	0.0000544	0.0000575	0.0000274	0.0652	0.00000533	0.000082	0.000273	0.00163
2042 Feb	58.2	0.0366	0.0665	0.000598	12.5	0.0436	4.65	0.00000532	0.00745	0.000599	0.00534	0.0147	0.0000109	8.35	0.00000283	0.0000635	0.000219	0.000528	0.0494	0.00000267	1.64	0.00204	1.78	0.0267	0.000308	1.19	0.0015	0.00497	0.0000544	0.0000575	0.0000274	0.0652	0.00000533	0.000082	0.000273	0.00163
2042 Mar	58.2	0.0366	0.0665	0.000598	12.5	0.0436	4.65	0.00000532	0.00745	0.000599	0.00534	0.0147	0.0000109	8.35	0.00000283	0.0000636	0.000219	0.000528	0.0494	0.00000267	1.64	0.00204	1.78	0.0267	0.000308	1.19	0.0015	0.00497	0.0000544	0.0000575	0.0000274	0.0652	0.00000533	0.000082	0.000273	0.00164
2042 Apr	58.3	0.0367	0.0666	0.000599	12.6	0.0437	4.65	0.00000533	0.00746	0.0006	0.00535	0.0148	0.000011	8.36	0.00000283	0.0000636	0.000219	0.000529	0.0494	0.00000267	1.64	0.00204	1.78	0.0267	0.000309	1.19	0.0015	0.00497	0.0000544	0.0000576	0.0000275	0.0653	0.00000534	0.0000821	0.000273	0.00164
2042 May	58.6	0.0369	0.0671	0.000601	12.6	0.0439	4.68	0.00000535	0.0075	0.000603	0.00537	0.0148	0.000011	8.41	0.00000284	0.0000639	0.000221	0.000532	0.0498	0.00000268	1.65	0.00205	1.79	0.0269	0.000311	1.2	0.00151	0.005	0.0000546	0.0000579	0.0000276	0.0657	0.00000537	0.0000827	0.000275	0.00164
2042 Jun	58.4	0.0368	0.067	0.00059	12.6	0.0436	4.63	0.0000053	0.00748	0.0006	0.00532	0.0148	0.0000109	8.37	0.00000281	0.0000633	0.00022	0.00053	0.0497	0.00000265	1.64	0.00205	1.78	0.0269	0.00031	1.19	0.0015	0.00499	0.0000541	0.000057	0.0000273	0.0656	0.00000531	0.0000824	0.000271	0.00163
2042 Jul	58.4	0.0367	0.0667	0.000591	12.6	0.0438	4.65	0.00000533	0.00748	0.0006	0.00535	0.0148	0.0000109	8.38	0.00000283	0.0000636	0.00022	0.00053	0.0496	0.00000267	1.65	0.00205	1.79	0.0268	0.000309	1.19	0.0015	0.00499	0.0000547	0.0000573	0.0000274	0.0655	0.00000534	0.0000822	0.000273	0.00164
2042 Aug	59	0.0371	0.0675	0.000592	12.7	0.0441	4.69	0.00000536	0.00756	0.000605	0.00538	0.0149	0.000011	8.46	0.00000285	0.000064	0.000222	0.000536	0.0502	0.00000269	1.66	0.00207	1.8	0.0272	0.000312	1.2	0.00152	0.00505	0.0000547	0.0000575	0.0000275	0.0663	0.00000537	0.0000832	0.000274	0.00165
2042 Sep	58.8	0.0369	0.0673	0.000588	12.7	0.0439	4.66	0.00000534	0.00754	0.000603	0.00535	0.0149	0.0000109	8.43	0.00000283	0.0000637	0.000221	0.000533	0.0501	0.00000267	1.66	0.00207	1.79	0.0271	0.000311	1.2	0.00151	0.00503	0.0000542	0.0000571	0.0000274	0.066	0.00000535	0.0000829	0.000273	0.00164
2042 Oct	58.4	0.0366	0.0666	0.000585	12.6	0.0437	4.64	0.00000532	0.00748	0.000598	0.00534	0.0148	0.0000109	8.37	0.00000283	0.0000634	0.00022	0.00053	0.0496	0.00000267	1.64	0.00205	1.78	0.0268	0.000308	1.19	0.0015	0.00499	0.0000543	0.000057	0.0000273	0.0655	0.00000533	0.0000821	0.000272	0.00164
2042 Nov	58.1	0.0363	0.066	0.000584	12.5	0.0436	4.63	0.00000532	0.00744	0.000595	0.00533	0.0147	0.0000109	8.33	0.00000283	0.0000632	0.000218	0.000528	0.0492	0.00000266	1.64	0.00204	1.78	0.0266	0.000305	1.19	0.00149	0.00496	0.0000547	0.0000569	0.0000273	0.0651	0.00000533	0.0000815	0.000271	0.00163
2042 Dec	58	0.0363	0.0659	0.000584	12.5	0.0436	4.63	0.00000532	0.00743	0.000595	0.00533	0.0147	0.0000109	8.32	0.00000283	0.0000632	0.000218	0.000527	0.0492	0.00000266	1.64	0.00203	1.78	0.0265	0.000305	1.19	0.00149	0.00495	0.0000548	0.0000569	0.0000273	0.065	0.00000533	0.0000814	0.000271	0.00163
2043 Jan	58	0.0363	0.0659	0.000584	12.5	0.0436	4.63	0.00000532	0.00743	0.000594	0.00533	0.0147	0.0000109	8.32	0.00000283	0.0000632	0.000218	0.000527	0.0492	0.00000266	1.64	0.00203	1.78	0.0265	0.000305	1.19	0.00149	0.00495	0.0000548	0.0000569	0.0000273	0.065	0.00000533	0.0000814	0.000271	0.00163
2043 Feb	58	0.0363	0.0659	0.000584	12.5	0.0436	4.63	0.00000532	0.00743	0.000594	0.00533	0.0147	0.0000109	8.32	0.00000283	0.0000632	0.000218	0.000527	0.0492	0.00000266	1.64	0.00203	1.78	0.0265	0.000305	1.19	0.00149	0.00495	0.0000548	0.0000569	0.0000273	0.065	0.00000533	0.0000814	0.000271	0.00163
2043 Mar	58	0.0363	0.0659	0.000584	12.5	0.0436	4.63	0.00000532	0.00743	0.000595	0.00533	0.0147	0.0000109	8.32	0.00000283	0.0000632	0.000218	0.000527	0.0492	0.00000266	1.64	0.00203	1.78	0.0265	0.000305	1.19	0.00149	0.00495	0.0000548	0.0000569	0.0000273	0.065	0.00000533	0.0000814	0.000271	0.00163
2043 Apr	58.1	0.0363	0.066	0.000584	12.5	0.0436	4.64	0.00000532	0.00745	0.000595	0.00534	0.0147	0.0000109	8.34	0.00000283	0.0000633	0.000219	0.000528	0.0493	0.00000267	1.64	0.00204	1.78	0.0266	0.000305	1.19	0.00149	0.00496	0.0000548	0.0000569	0.0000273	0.0651	0.00000533	0.0000816	0.000272	0.00164
2043 May	58.5	0.0366	0.0665	0.000587	12.6	0.0438	4.66	0.00000535	0.00749	0.000599	0.00536	0.0148	0.0000109	8.38	0.00000284	0.0000636	0.00022	0.000531	0.0496	0.00000268	1.65	0.00205	1.79	0.0268	0.000307	1.19	0.0015	0.00499	0.000055	0.0000572	0.0000274	0.0655	0.00000536	0.0000821	0.000273	0.00164
2043 Jun	58.1	0.0364	0.0662	0.000576	12.5	0.0435	4.61	0.0000053	0.00746	0.000595	0.00531	0.0147	0.0000108	8.33	0.00000281	0.000063	0.000219	0.000528	0.0494	0.00000265	1.64	0.00204	1.77	0.0267	0.000306	1.18	0.00149	0.00497	0.0000545	0.0000564	0.0000271	0.0652	0.00000531	0.0000817	0.00027	0.00163
2043 Jul	58.2	0.0363	0.0659	0.000578	12.5	0.0437	4.63	0.00000533	0.00745	0.000595	0.00534	0.0147	0.0000109	8.34	0.00000283	0.0000632	0.000219	0.000528	0.0493	0.00000267	1.64	0.00204	1.78	0.0266	0.000304	1.19	0.00149	0.00497	0.0000552	0.0000567	0.0000273	0.0652	0.00000534	0.0000815	0.000271	0.00164
2043 Aug	58.8	0.0367	0.0668	0.000579	12.7	0.044	4.66	0.00000535	0.00753	0.0006	0.00537	0.0149	0.0000109	8.42	0.00000284	0.0000636	0.000221	0.000533	0.0499	0.00000268	1.65	0.00206	1.79	0.0269	0.000308	1.2	0.00151	0.00502	0.0000551	0.0000569	0.0000274	0.0659	0.00000536	0.0000824	0.000272	0.00165
2043 Sep	58.5	0.0365	0.0664	0.000575	12.6	0.0438	4.64	0.00000533	0.00749	0.000597	0.00534	0.0148	0.0000109	8.38	0.00000283	0.0000633	0.00022	0.000531	0.0496	0.00000267	1.65	0.00205	1.79	0.0268	0.000306	1.19	0.0015	0.005	0.0000547	0.0000566	0.0000273	0.0656	0.00000534	0.000082	0.000271	0.00164
2043 Oct	58.1	0.0362	0.0659	0.000573	12.5	0.0436	4.62	0.00000532	0.00745	0.000594	0.00533	0.0147	0.0000108	8.33	0.00000282	0.0000631	0.000219	0.000528	0.0493	0.00000266	1.64	0.00204	1.78	0.0265	0.000304	1.19	0.00149	0.00496	0.0000547	0.0000564	0.0000272	0.0651	0.00000533	0.0000814	0.00027	0.00163
2043 Nov	57.9	0.036	0.0654	0.000572	12.5	0.0435	4.61	0.00000531	0.00741	0.000591	0.00533	0.0147	0.0000108	8.29	0.00000282	0.0000629	0.000217	0.000526	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000302	1.18	0.00148	0.00493	0.0000551	0.0000563	0.0000272	0.0647	0.00000532	0.0000808	0.00027	0.00163
2043 Dec	57.8	0.0359	0.0652	0.000572	12.5	0.0435	4.61	0.00000531	0.00741	0.00059	0.00533	0.0146	0.0000108	8.29	0.00000282	0.0000629	0.000217	0.000525	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000301	1.18	0.00148	0.00493	0.0000551	0.0000563	0.0000272	0.0647	0.00000532	0.0000807	0.00027	0.00163
2044 Jan	57.8	0.0359	0.0652	0.000572	12.5	0.0434	4.61	0.00000531	0.0074	0.00059	0.00532	0.0146	0.0000108	8.29	0.00000282	0.0000629	0.000217	0.000525	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000301	1.18	0.00148	0.00493	0.0000551	0.0000563	0.0000272	0.0647	0.00000532	0.0000807	0.00027	0.00163
2044 Feb	57.8	0.0359	0.0652	0.000572	12.5	0.0435	4.61	0.00000531	0.0074	0.00059	0.00533	0.0146	0.0000108	8.29	0.00000282	0.0000629	0.000217	0.000525	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000301	1.18	0.00148	0.00493	0.0000551	0.0000563	0.0000272	0.0647	0.00000532	0.0000807	0.00027	0.00163
2044 Mar	57.8	0.0359	0.0652	0.000572	12.5	0.0435	4.61	0.00000531	0.00741	0.00059	0.00533	0.0146	0.0000108	8.29	0.00000282	0.0000629	0.000217	0.000525	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000301	1.18	0.00148	0.00493	0.0000551	0.0000563	0.0000272	0.0647	0.00000532	0.0000807	0.00027	0.00163
2044 Apr	57.9	0.036	0.0654	0.000573	12.5	0.0435	4.62	0.00000532	0.00742	0.000591	0.00533	0.0147	0.0000108	8.3	0.00000283	0.000063	0.000217	0.000526	0.049	0.00000266	1.63	0.00203	1.78	0.0264	0.000302	1.18	0.00148	0.00494	0.0000552	0.0000564	0.0000272	0.0648	0.00000533	0.0000809	0.00027	0.00164
2044 May	58.2	0.0362	0.0658	0.000575	12.5	0.0437	4.64	0.00000534	0.00746	0.000594	0.00535	0.0147	0.0000109	8.35	0.00000284	0.0000633	0.000219	0.000529	0.0493	0.00000267	1.64	0.00204	1.78	0.0265	0.000304	1.19	0.00149	0.00497	0.0000553	0.0000566	0.0000273	0.0652	0.00000535	0.0000814	0.000271	0.00164
2044 Jun	57.9	0.036	0.0656	0.000566	12.5	0.0434	4.6	0.00000529	0.00743	0.00059	0.0053	0.0146	0.0000108	8.3	0.00000281	0.0000627	0.000218	0.000526	0.0491	0.00000265	1.63	0.00203	1.77	0.0265	0.000302	1.18	0.00148	0.00495	0.0000549	0.0000559	0.000027	0.0649	0.0000053	0.000081	0.000268	0.00163
2044 Jul	57.9	0.036	0.0653	0.000568	12.5	0.0435	4.62	0.00000532	0.00742	0.00059	0.00533	0.0147	0.0000108	8.31	0.00000283	0.0000629	0.000218	0.000527	0.049	0.00000266	1.63	0.00203	1.78	0.0263	0.000301	1.18	0.00148	0.00495	0.0000555	0.0000562	0.0000272	0.0648	0.00000533	0.0000808	0.00027	0.00164
2044 Aug	58.5	0.0364	0.0662	0.00057	12.6	0.0439	4.65	0.00000535	0.0075	0.000596	0.00536	0.0148	0.0000109	8.39	0.00000284	0.0000633	0.00022	0.000532	0.0496	0.00000268	1.65	0.00205	1.79	0.0267	0.000305	1.19	0.0015	0.005	0.0000555	0.0000565	0.0000273	0.0656	0.00000536	0.0000818	0.000271	0.00165
2044 Sep	58.3	0.0362	0.0659	0.000566	12.6	0.0437	4.63	0.00000533	0.00748	0.000594	0.00534	0.0148	0.0000108	8.36	0.00000283	0.0000631	0.000219	0.00053	0.0494	0.00000267	1.64	0.00205	1.78	0.0266	0.000304	1.19	0.00149	0.00499	0.0000549	0.0000561	0.0000272	0.0653	0.00000534	0.0000815	0.00027	0.00164
2044 Oct	58	0.036	0.0654	0.000564	12.5	0.0435	4.61	0.00000532	0.00743	0.00059	0.00533	0.0147	0.0000108	8.31	0.00000282	0.0000628	0.000218	0.000527	0.0491	0.00000266	1.63	0.00203	1.78	0.0264	0.000301	1.18	0.00148	0.00495	0.000055	0.000056	0.0000271	0.0649	0.00000532	0.0000809	0.000269	0.00163
2044 Nov	57.7	0.0357	0.0649	0.000563	12.4	0.0434	4.6	0.00000531	0.00739	0.000587	0.00532	0.0146	0.0000108	8.27	0.00000282	0.0000627	0.000217	0.000524	0.0487	0.00000266	1.63	0.00202	1.77	0.0262	0.000299	1.18	0.00148	0.00492	0.0000553	0.0000559	0.0000271	0.0645	0.00000532	0.0000803	0.000269	0.00163
2044 Dec	57.6	0.0357	0.0648	0.000563	12.4	0.0434	4.6	0.00000531	0.00739	0.000587	0.00532	0.0146	0.0000108	8.26	0.00000282	0.0000627	0.000216	0.000524	0.0487	0.00000266	1.63	0.00201	1.77	0.0261	0.000298	1.18	0.00148	0.00492	0.0000554	0.0000559	0.0000271	0.0644	0.00000532	0.0000802	0.000269	0.00163
2045 Jan	57.6	0.0357	0.0647	0.000563	12.4	0.0434	4.6	0.00000531	0.00739	0.000587	0.00532	0.0146	0.0000108	8.26	0.00000282	0.0000627	0.000216	0.000524	0.0486	0.00000266	1.63	0.00201	1.77	0.0261	0.000298	1.18	0.00148	0.00492	0.0000554	0.0000559	0.0000271	0.0644	0.00000532	0.0000802	0.000269	0.00163
2045 Feb	57.6	0.0357	0.0647	0.000563	12.4	0.0434	4.6	0.00000531	0.00739	0.000587	0.00532	0.0146	0.0000108	8.26	0.00000282	0.0000627	0.000216	0.000524	0.0486	0.00000266	1.63	0.00201	1.77	0.0261	0.000298	1.18	0.00148	0.00492	0.0000554	0.0000559	0.0000271	0.0644	0.00000532	0.0000802	0.000269	0.00163
2045 Mar	57.6	0.0357	0.0647	0.000563	12.4	0.0434	4.6	0.00000531	0.00739	0.000587	0.00532	0.0146	0.0000108	8.26	0.00000282	0.0000627	0.000216	0.000524	0.0486	0.00000266	1.63	0.00201	1.77	0.0261	0.000298	1.18	0.00148	0.00492	0.0000554	0.0000559	0.0000271	0.0644	0.00000532	0.0000802	0.000269	0.00163
2045 Apr	57.7	0.0357	0.0649	0.000564	12.4	0.0434	4.6	0.00000532	0.0074	0.000588	0.00533	0.0146	0.0000108	8.27	0.00000283	0.0000628	0.000217	0.000525	0.0487	0.00000266	1.63	0.00202	1.77	0.0262	0.000299	1.18	0.00148	0.00493	0.0000555	0.000056	0.0000271	0.0645	0.00000532	0.0000804	0.000269	0.00163
2045 May	58	0.036	0.0653	0.000566	12.5	0.0436	4.62	0.00000534	0.00744	0.000591	0.00535	0.0147	0.0000108	8.32	0.00000284	0.000063	0.000218	0.000528	0.049	0.00000267	1.64	0.00203	1.78	0.0264	0.000301	1.19	0.00149	0.00496	0.0000556	0.0000562	0.0000272	0.0649	0.00000535	0.0000809	0.00027	0.00164
2045 Jun	57.7	0.0358	0.0651	0.000558	12.4	0.0433	4.58	0.00000529	0.00741	0.000587	0.0053	0.0146	0.0000107	8.27	0.00000281	0.0000625	0.000217	0.000525	0.0489	0.00000265	1.63	0.00202	1.77	0.0263	0.0003	1.18	0.00148	0.00494	0.0000551	0.0000555	0.0000269	0.0646	0.00000529	0.0000805	0.000267	0.00163
2045 Jul	57.8	0.0357	0.0649	0.00056	12.4	0.0435	4.6	0.00000532	0.00741	0.000588	0.00533	0.0146	0.0000108	8.28	0.00000283	0.0000627	0.000217	0.000525	0.0488	0.00000266	1.63	0.00202	1.77	0.0262	0.000299	1.18	0.00148	0.00494	0.0000558	0.0000558	0.0000271	0.0646	0.00000532	0.0000804	0.000269	0.00164
2045 Aug	58.4	0.0362	0.0658	0.000562	12.6	0.0438	4.63	0.00000535	0.00749	0.000594	0.00536	0.0148	0.0000108	8.37	0.00000284	0.0000631	0.000219	0.000531	0.0494	0.00000268	1.65	0.00205	1.79	0.0266	0.000303	1.19	0.00149	0.005	0.0000557	0.0000561	0.0000272	0.0654	0.00000535	0.0000814	0.00027	0.00165
2045 Sep	58.2	0.036	0.0656	0.000559	12.5	0.0436	4.61	0.00000533	0.00746	0.000591	0.00533	0.0147	0.0000108	8.33	0.00000283	0.0000629	0.000219	0.000529	0.0493	0.00000266	1.64	0.00204	1.78	0.0265	0.000302	1.19	0.00149	0.00498	0.0000551	0.0000558	0.0000271	0.0651	0.00000533	0.0000811	0.000269	0.00164
2045 Oct	57.8	0.0358	0.065	0.000557	12.5	0.0435	4.6	0.00000531	0.00742	0.000588	0.00532	0.0146	0.0000107	8.29	0.00000282	0.0000626	0.000217	0.000526	0.0489	0.00000266	1.63	0.00202	1.77	0.0263	0.000299	1.18	0.00148	0.00495	0.0000552	0.0000556	0.000027	0.0647	0.00000532	0.0000805	0.000268	0.00163
2045 Nov	57.6	0.0355	0.0645	0.000556	12.4	0.0433	4.59	0.00000531	0.00738	0.000585	0.00532	0.0146	0.0000107	8.25	0.00000282	0.0000625	0.000216	0.000524	0.0486	0.00000266	1.62	0.00201	1.77	0.0261	0.000297	1.18	0.00147	0.00492	0.0000555	0.0000556	0.000027	0.0643	0.00000531	0.00008	0.000268	0.00163
2045 Dec	57.5	0.0355	0.0644	0.000556	12.4	0.0433	4.58	0.00000531	0.00738	0.000584	0.00531	0.0146	0.0000107	8.24	0.00000282	0.0000625	0.000216	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000296	1.18	0.00147	0.00491	0.0000556	0.0000556	0.000027	0.0643	0.00000531	0.0000799	0.000268	0.00163
2046 Jan	57.5	0.0355	0.0644	0.000556	12.4	0.0433	4.58	0.00000531	0.00737	0.000584	0.00531	0.0146	0.0000107	8.24	0.00000282	0.0000625	0.000216	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000296	1.18	0.00147	0.00491	0.0000556	0.0000556	0.000027	0.0642	0.00000531	0.0000798	0.000268	0.00163
2046 Feb	57.5	0.0355	0.0644	0.000556	12.4	0.0433	4.58	0.00000531	0.00737	0.000584	0.00531	0.0146	0.0000107	8.24	0.00000282	0.0000625	0.000216	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000296	1.18	0.00147	0.00491	0.0000556	0.0000556	0.000027	0.0642	0.00000531	0.0000798	0.000268	0.00163
2046 Mar	57.5	0.0355	0.0644	0.000556	12.4	0.0433	4.58	0.00000531	0.00738	0.000584	0.00532	0.0146	0.0000107	8.24	0.00000282	0.0000625	0.000216	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000296	1.18	0.00147	0.00491	0.0000556	0.0000556	0.000027	0.0643	0.00000531	0.0000798	0.000268	0.00163
2046 Apr	57.6	0.0355	0.0645	0.000557	12.4	0.0434	4.59	0.00000531	0.00739	0.000585	0.00532	0.0146	0.0000107	8.26	0.00000283	0.0000626	0.000216	0.000524	0.0486	0.00000266	1.63	0.00201	1.77	0.0261	0.000297	1.18	0.00147	0.00492	0.0000556	0.0000556	0.000027	0.0644	0.00000532	0.00008	0.000268	0.00163
2046 May	57.9	0.0358	0.0649	0.000559	12.5	0.0436	4.61	0.00000534	0.00743	0.000589	0.00534	0.0147	0.0000108	8.3	0.00000284	0.0000629	0.000217	0.000527	0.0489	0.00000267	1.63	0.00203	1.78	0.0263	0.000299	1.18	0.00148	0.00495	0.0000558	0.0000559	0.0000272	0.0648	0.00000534	0.0000805	0.000269	0.00164
2046 Jun	57.6	0.0356	0.0647	0.000551	12.4	0.0432	4.57	0.00000528	0.00739	0.000585	0.00529	0.0146	0.0000107	8.25	0.00000281	0.0000623	0.000216	0.000524	0.0487	0.00000264	1.62	0.00202	1.76	0.0262	0.000298	1.18	0.00147	0.00493	0.0000553	0.0000552	0.0000269	0.0644	0.00000529	0.0000802	0.000267	0.00163
2046 Jul	57.7	0.0356	0.0646	0.000554	12.4	0.0434	4.59	0.00000532	0.0074	0.000585	0.00532	0.0146	0.0000107	8.26	0.00000283	0.0000626	0.000216	0.000525	0.0487	0.00000266	1.63	0.00202	1.77	0.0261	0.000297	1.18	0.00147	0.00493	0.0000559	0.0000555	0.000027	0.0644	0.00000532	0.00008	0.000268	0.00164
2046 Aug	58.3	0.036	0.0655	0.000556	12.6	0.0437	4.62	0.00000535	0.00748	0.000591	0.00535	0.0147	0.0000108	8.35	0.00000284	0.000063	0.000219	0.00053	0.0493	0.00000267	1.64	0.00204	1.78	0.0265	0.000301	1.19	0.00149	0.00499	0.0000558	0.0000558	0.0000272	0.0652	0.00000535	0.0000811	0.00027	0.00164
2046 Sep	58.1	0.0359	0.0652	0.000553	12.5	0.0436	4.6	0.00000532	0.00745	0.000589	0.00533	0.0147	0.0000107	8.32	0.00000283	0.0000627	0.000218	0.000528	0.0492	0.00000266	1.64	0.00203	1.78	0.0264	0.0003	1.18	0.00148	0.00497	0.0000553	0.0000555	0.0000271	0.065	0.00000533	0.0000808	0.000268	0.00164
2046 Oct	57.7	0.0356	0.0647	0.000551	12.4	0.0434	4.59	0.00000531	0.00741	0.000586	0.00532	0.0146	0.0000107	8.27	0.00000282	0.0000625	0.000217	0.000525	0.0488	0.00000266	1.63	0.00202	1.77	0.0262	0.000297	1.18	0.00147	0.00494	0.0000553	0.0000554	0.000027	0.0646	0.00000531	0.0000802	0.000268	0.00163
2046 Nov	57.5	0.0354	0.0642	0.00055	12.4	0.0433	4.58	0.0000053	0.00737	0.000583	0.00531	0.0146	0.0000107	8.23	0.00000282	0.0000624	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.77	0.026	0.000295	1.18	0.00147	0.00491	0.0000557	0.0000553	0.000027	0.0642	0.00000531	0.0000797	0.000267	0.00163
2046 Dec	57.4	0.0353	0.0641	0.00055	12.4	0.0433	4.57	0.0000053	0.00737	0.000582	0.00531	0.0145	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000295	1.18	0.00147	0.00491	0.0000558	0.0000553	0.000027	0.0641	0.00000531	0.0000796	0.000267	0.00163
2047 Jan	57.4	0.0353	0.0641	0.00055	12.4	0.0433	4.57	0.0000053	0.00737	0.000582	0.00531	0.0145	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000295	1.18	0.00147	0.00491	0.0000558	0.0000553	0.000027	0.0641	0.00000531	0.0000796	0.000267	0.00163
2047 Feb	57.4	0.0353	0.0641	0.00055	12.4	0.0433	4.57	0.0000053	0.00737	0.000582	0.00531	0.0145	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000295	1.18	0.00147	0.00491	0.0000558	0.0000553	0.000027	0.0641	0.00000531	0.0000796	0.000267	0.00163
2047 Mar	57.4	0.0353	0.0641	0.00055	12.4	0.0433	4.57	0.0000053	0.00737	0.000582	0.00531	0.0145	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000295	1.18	0.00147	0.00491	0.0000558	0.0000553	0.000027	0.0641	0.00000531	0.0000796	0.000267	0.00163
2047 Apr	57.5	0.0354	0.0642	0.000551	12.4	0.0433	4.58	0.00000531	0.00738	0.000583	0.00532	0.0146	0.0000107	8.24	0.00000282	0.0000624	0.000216	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000295	1.18	0.00147	0.00491	0.0000558	0.0000554	0.000027	0.0642	0.00000531	0.0000797	0.000268	0.00163
2047 May	57.8	0.0356	0.0647	0.000553	12.4	0.0435	4.6	0.00000533	0.00742	0.000587	0.00534	0.0146	0.0000108	8.29	0.00000284	0.0000627	0.000217	0.000526	0.0488	0.00000267	1.63	0.00202	1.78	0.0262	0.000297	1.18	0.00148	0.00494	0.000056	0.0000556	0.0000271	0.0646	0.00000534	0.0000802	0.000269	0.00164
2047 Jun	57.5	0.0355	0.0645	0.000546	12.4	0.0432	4.56	0.00000528	0.00739	0.000583	0.00529	0.0145	0.0000106	8.24	0.00000281	0.0000621	0.000216	0.000523	0.0487	0.00000264	1.62	0.00201	1.76	0.0261	0.000296	1.17	0.00147	0.00492	0.0000554	0.000055	0.0000268	0.0643	0.00000528	0.0000799	0.000266	0.00162
2047 Jul	57.6	0.0355	0.0644	0.000549	12.4	0.0434	4.59	0.00000532	0.00739	0.000584	0.00532	0.0146	0.0000107	8.26	0.00000283	0.0000625	0.000216	0.000524	0.0486	0.00000266	1.63	0.00202	1.77	0.0261	0.000296	1.18	0.00147	0.00493	0.000056	0.0000553	0.000027	0.0644	0.00000532	0.0000799	0.000268	0.00164
2047 Aug	58.3	0.0359	0.0653	0.000551	12.5	0.0437	4.62	0.00000535	0.00748	0.00059	0.00535	0.0147	0.0000108	8.34	0.00000284	0.0000629	0.000219	0.00053	0.0493	0.00000267	1.64	0.00204	1.78	0.0264	0.0003	1.19	0.00149	0.00499	0.0000559	0.0000556	0.0000271	0.0652	0.00000535	0.0000809	0.000269	0.00164
2047 Sep	58.1	0.0358	0.0651	0.000548	12.5	0.0436	4.6	0.00000532	0.00745	0.000588	0.00533	0.0147	0.0000107	8.31	0.00000283	0.0000626	0.000218	0.000528	0.0491	0.00000266	1.64	0.00203	1.78	0.0264	0.000299	1.18	0.00148	0.00497	0.0000554	0.0000553	0.000027	0.0649	0.00000533	0.0000807	0.000268	0.00164
2047 Oct	57.7	0.0355	0.0645	0.000547	12.4	0.0434	4.58	0.00000531	0.00741	0.000585	0.00531	0.0146	0.0000107	8.26	0.00000282	0.0000624	0.000216	0.000525	0.0488	0.00000266	1.63	0.00202	1.77	0.0261	0.000297	1.18	0.00147	0.00494	0.0000554	0.0000552	0.0000269	0.0645	0.00000531	0.0000801	0.000267	0.00163
2047 Nov	57.4	0.0353	0.0641	0.000546	12.4	0.0433	4.57	0.0000053	0.00737	0.000582	0.00531	0.0145	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000523	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000294	1.18	0.00147	0.00491	0.0000557	0.0000551	0.0000269	0.0641	0.00000531	0.0000795	0.000267	0.00163
2047 Dec	57.4	0.0353	0.064	0.000546	12.3	0.0433	4.57	0.0000053	0.00737	0.000581	0.00531	0.0145	0.0000107	8.22	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.002	1.76	0.0259	0.000294	1.17	0.00146	0.00491	0.0000558	0.0000551	0.0000269	0.0641	0.00000531	0.0000794	0.000267	0.00163
2048 Jan	57.4	0.0352	0.064	0.000546	12.3	0.0433	4.57	0.0000053	0.00737	0.000581	0.00531	0.0145	0.0000107	8.22	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.002	1.76	0.0259	0.000294	1.17	0.00146	0.00491	0.0000558	0.0000551	0.0000269	0.0641	0.00000531	0.0000794	0.000267	0.00163
2048 Feb	57.4	0.0353	0.064	0.000546	12.3	0.0433	4.57	0.0000053	0.00737	0.000581	0.00531	0.0145	0.0000107	8.22	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.002	1.76	0.0259	0.000294	1.17	0.00146	0.00491	0.0000558	0.0000551	0.0000269	0.0641	0.00000531	0.0000794	0.000267	0.00163
2048 Mar	57.4	0.0353	0.064	0.000546	12.3	0.0433	4.57	0.0000053	0.00737	0.000581	0.00531	0.0145	0.0000107	8.22	0.00000282	0.0000623	0.000215	0.000522	0.0484	0.00000265	1.62	0.002	1.76	0.0259	0.000294	1.17	0.00146	0.00491	0.0000558	0.0000551	0.0000269	0.0641	0.00000531	0.0000794	0.000267	0.00163
2048 Apr	57.5	0.0353	0.0641	0.000547	12.4	0.0433	4.58	0.00000531	0.00738	0.000582	0.00532	0.0146	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.77	0.0259	0.000294	1.18	0.00147	0.00492	0.0000559	0.0000552	0.000027	0.0642	0.00000531	0.0000796	0.000267	0.00163

Appendix C9: WTS Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	57.8	0.0355	0.0645	0.000549	12.4	0.0435	4.6	0.00000533	0.00742	0.000585	0.00534	0.0146	0.0000107	8.28	0.00000284	0.0000626	0.000217	0.000526	0.0488	0.00000267	1.63	0.00202	1.77	0.0261	0.000296	1.18	0.00148	0.00495	0.000056	0.0000554	0.0000271	0.0646	0.00000534	0.0000801	0.000268	0.00164
2048 Jun	57.5	0.0354	0.0643	0.000542	12.4	0.0432	4.55	0.00000528	0.00738	0.000582	0.00528	0.0145	0.0000106	8.23	0.00000281	0.0000621	0.000216	0.000523	0.0486	0.00000264	1.62	0.00201	1.76	0.0261	0.000295	1.17	0.00147	0.00492	0.0000554	0.0000548	0.0000268	0.0642	0.00000528	0.0000798	0.000265	0.00162
2048 Jul	57.5	0.0353	0.0641	0.000544	12.4	0.0433	4.57	0.00000531	0.00738	0.000582	0.00531	0.0146	0.0000107	8.23	0.00000282	0.0000623	0.000215	0.000523	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000294	1.18	0.00147	0.00492	0.000056	0.0000551	0.0000269	0.0642	0.00000531	0.0000796	0.000267	0.00163
2048 Aug	58.1	0.0357	0.065	0.000547	12.5	0.0436	4.6	0.00000534	0.00746	0.000588	0.00534	0.0147	0.0000107	8.31	0.00000284	0.0000627	0.000218	0.000528	0.0491	0.00000267	1.64	0.00203	1.78	0.0263	0.000298	1.19	0.00148	0.00497	0.0000558	0.0000553	0.0000271	0.0649	0.00000534	0.0000806	0.000268	0.00164
2048 Sep	57.8	0.0356	0.0647	0.000544	12.4	0.0434	4.58	0.00000531	0.00743	0.000585	0.00531	0.0146	0.0000107	8.28	0.00000282	0.0000624	0.000217	0.000526	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000297	1.18	0.00148	0.00495	0.0000553	0.000055	0.0000269	0.0646	0.00000531	0.0000802	0.000267	0.00163
2048 Oct	57.5	0.0353	0.0641	0.000542	12.4	0.0432	4.56	0.0000053	0.00738	0.000581	0.0053	0.0145	0.0000107	8.23	0.00000281	0.0000622	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.026	0.000294	1.17	0.00147	0.00492	0.0000553	0.0000549	0.0000269	0.0642	0.0000053	0.0000796	0.000266	0.00163
2048 Nov	57.2	0.0351	0.0636	0.000541	12.3	0.0431	4.55	0.00000529	0.00734	0.000578	0.0053	0.0145	0.0000106	8.19	0.00000281	0.000062	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000292	1.17	0.00146	0.00489	0.0000556	0.0000548	0.0000268	0.0638	0.00000529	0.000079	0.000266	0.00163
2048 Dec	57.1	0.035	0.0635	0.000541	12.3	0.0431	4.55	0.00000529	0.00733	0.000578	0.0053	0.0145	0.0000106	8.18	0.00000281	0.000062	0.000214	0.00052	0.0481	0.00000265	1.61	0.00199	1.76	0.0257	0.000292	1.17	0.00146	0.00488	0.0000557	0.0000548	0.0000268	0.0637	0.00000529	0.0000789	0.000266	0.00163
2049 Jan	57.1	0.035	0.0635	0.000541	12.3	0.0431	4.55	0.00000529	0.00733	0.000578	0.0053	0.0145	0.0000106	8.18	0.00000281	0.000062	0.000214	0.00052	0.0481	0.00000265	1.61	0.00199	1.76	0.0257	0.000292	1.17	0.00146	0.00488	0.0000557	0.0000548	0.0000268	0.0637	0.00000529	0.0000789	0.000266	0.00163
2049 Feb	57.1	0.035	0.0635	0.000541	12.3	0.0431	4.55	0.00000529	0.00733	0.000578	0.0053	0.0145	0.0000106	8.18	0.00000281	0.000062	0.000214	0.00052	0.0481	0.00000265	1.61	0.00199	1.76	0.0257	0.000292	1.17	0.00146	0.00488	0.0000557	0.0000548	0.0000268	0.0637	0.00000529	0.0000789	0.000266	0.00163
2049 Mar	57.1	0.035	0.0635	0.000541	12.3	0.0431	4.55	0.00000529	0.00733	0.000578	0.0053	0.0145	0.0000106	8.18	0.00000281	0.000062	0.000214	0.00052	0.0481	0.00000265	1.61	0.00199	1.76	0.0257	0.000292	1.17	0.00146	0.00488	0.0000557	0.0000548	0.0000268	0.0637	0.00000529	0.0000789	0.000266	0.00163
2049 Apr	57.2	0.0351	0.0636	0.000542	12.3	0.0432	4.56	0.0000053	0.00735	0.000579	0.0053	0.0145	0.0000107	8.2	0.00000282	0.0000621	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000292	1.17	0.00146	0.00489	0.0000557	0.0000549	0.0000269	0.0638	0.0000053	0.0000791	0.000266	0.00163
2049 May	57.6	0.0353	0.0641	0.000544	12.4	0.0434	4.58	0.00000532	0.00739	0.000582	0.00532	0.0146	0.0000107	8.24	0.00000283	0.0000624	0.000216	0.000524	0.0485	0.00000266	1.62	0.00201	1.77	0.026	0.000294	1.18	0.00147	0.00492	0.0000559	0.0000551	0.000027	0.0642	0.00000532	0.0000796	0.000267	0.00164
2049 Jun	57.2	0.0352	0.0639	0.000538	12.3	0.043	4.54	0.00000527	0.00736	0.000579	0.00527	0.0145	0.0000106	8.19	0.0000028	0.0000618	0.000215	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000293	1.17	0.00146	0.0049	0.0000552	0.0000545	0.0000267	0.064	0.00000527	0.0000793	0.000265	0.00162
2049 Jul	57.4	0.0352	0.0638	0.000541	12.3	0.0432	4.56	0.0000053	0.00737	0.00058	0.00531	0.0145	0.0000107	8.22	0.00000282	0.0000622	0.000215	0.000522	0.0483	0.00000265	1.62	0.002	1.76	0.0259	0.000293	1.17	0.00146	0.00491	0.0000558	0.0000549	0.0000269	0.064	0.00000531	0.0000793	0.000266	0.00163
2049 Aug	58	0.0356	0.0648	0.000543	12.5	0.0435	4.59	0.00000533	0.00745	0.000586	0.00533	0.0147	0.0000107	8.3	0.00000283	0.0000625	0.000217	0.000527	0.049	0.00000266	1.63	0.00203	1.77	0.0263	0.000297	1.18	0.00148	0.00497	0.0000556	0.0000551	0.000027	0.0648	0.00000533	0.0000804	0.000268	0.00164
2049 Sep	57.7	0.0355	0.0645	0.000541	12.4	0.0433	4.57	0.00000531	0.00742	0.000583	0.00531	0.0146	0.0000107	8.26	0.00000282	0.0000623	0.000217	0.000525	0.0488	0.00000265	1.63	0.00202	1.77	0.0261	0.000296	1.18	0.00147	0.00495	0.0000551	0.0000548	0.0000269	0.0645	0.00000531	0.00008	0.000266	0.00163
2049 Oct	57.4	0.0352	0.064	0.000539	12.3	0.0432	4.55	0.00000529	0.00737	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000281	0.0000621	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000294	1.17	0.00146	0.00491	0.0000551	0.0000547	0.0000268	0.0641	0.00000529	0.0000794	0.000266	0.00163
2049 Nov	57.1	0.035	0.0635	0.000538	12.3	0.0431	4.54	0.00000529	0.00734	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.002	1.76	0.0257	0.000291	1.17	0.00146	0.00489	0.0000554	0.0000547	0.0000268	0.0637	0.00000529	0.0000789	0.000265	0.00163
2049 Dec	57.1	0.0349	0.0634	0.000538	12.3	0.043	4.54	0.00000529	0.00733	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000547	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2050 Jan	57	0.0349	0.0634	0.000538	12.3	0.043	4.54	0.00000529	0.00733	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.048	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000547	0.0000268	0.0636	0.00000529	0.0000788	0.000265	0.00163
2050 Feb	57.1	0.0349	0.0634	0.000538	12.3	0.043	4.54	0.00000529	0.00733	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.048	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000547	0.0000268	0.0636	0.00000529	0.0000788	0.000265	0.00163
2050 Mar	57.1	0.0349	0.0634	0.000538	12.3	0.043	4.54	0.00000529	0.00733	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.048	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000547	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2050 Apr	57.1	0.035	0.0635	0.000539	12.3	0.0431	4.55	0.00000529	0.00734	0.000578	0.0053	0.0145	0.0000106	8.18	0.00000281	0.000062	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.76	0.0257	0.000292	1.17	0.00146	0.00489	0.0000555	0.0000547	0.0000268	0.0638	0.0000053	0.000079	0.000266	0.00163
2050 May	57.5	0.0352	0.064	0.000541	12.4	0.0433	4.57	0.00000532	0.00739	0.000581	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000623	0.000215	0.000524	0.0485	0.00000266	1.62	0.00201	1.77	0.0259	0.000294	1.18	0.00147	0.00492	0.0000557	0.000055	0.0000269	0.0642	0.00000532	0.0000795	0.000267	0.00164
2050 Jun	57.2	0.0351	0.0638	0.000535	12.3	0.043	4.53	0.00000526	0.00736	0.000578	0.00527	0.0145	0.0000106	8.18	0.0000028	0.0000617	0.000214	0.000521	0.0483	0.00000263	1.61	0.002	1.75	0.0259	0.000293	1.17	0.00146	0.0049	0.0000551	0.0000544	0.0000267	0.0639	0.00000527	0.0000792	0.000264	0.00162
2050 Jul	57.3	0.0351	0.0637	0.000538	12.3	0.0432	4.56	0.0000053	0.00737	0.000579	0.0053	0.0145	0.0000106	8.21	0.00000282	0.0000621	0.000215	0.000522	0.0483	0.00000265	1.62	0.002	1.76	0.0258	0.000293	1.17	0.00146	0.00491	0.0000557	0.0000547	0.0000268	0.064	0.0000053	0.0000792	0.000266	0.00163
2050 Aug	57.9	0.0356	0.0647	0.000541	12.5	0.0435	4.59	0.00000533	0.00745	0.000585	0.00533	0.0147	0.0000107	8.29	0.00000283	0.0000625	0.000217	0.000527	0.049	0.00000267	1.63	0.00203	1.77	0.0262	0.000297	1.18	0.00148	0.00497	0.0000556	0.000055	0.000027	0.0647	0.00000533	0.0000803	0.000267	0.00164
2050 Sep	57.8	0.0355	0.0645	0.000538	12.4	0.0433	4.57	0.00000531	0.00743	0.000583	0.00531	0.0146	0.0000106	8.26	0.00000282	0.0000623	0.000217	0.000526	0.0489	0.00000265	1.63	0.00202	1.77	0.0262	0.000296	1.18	0.00147	0.00495	0.0000551	0.0000548	0.0000269	0.0646	0.00000531	0.0000801	0.000266	0.00163
2050 Oct	57.4	0.0352	0.064	0.000537	12.3	0.0432	4.55	0.00000529	0.00738	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000281	0.000062	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.026	0.000294	1.17	0.00146	0.00492	0.0000551	0.0000546	0.0000268	0.0641	0.0000053	0.0000795	0.000265	0.00163
2050 Nov	57.1	0.035	0.0635	0.000536	12.3	0.0431	4.54	0.00000529	0.00735	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000619	0.000214	0.00052	0.0482	0.00000264	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00489	0.0000554	0.0000546	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2050 Dec	57.1	0.0349	0.0634	0.000536	12.3	0.043	4.54	0.00000529	0.00734	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000546	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2051 Jan	57.1	0.0349	0.0634	0.000536	12.3	0.043	4.54	0.00000529	0.00734	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000546	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2051 Feb	57.1	0.0349	0.0634	0.000536	12.3	0.043	4.54	0.00000529	0.00734	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000546	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2051 Mar	57.1	0.0349	0.0634	0.000536	12.3	0.043	4.54	0.00000529	0.00734	0.000577	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00488	0.0000555	0.0000546	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2051 Apr	57.2	0.035	0.0635	0.000537	12.3	0.0431	4.55	0.00000529	0.00735	0.000578	0.0053	0.0145	0.0000106	8.19	0.00000281	0.000062	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000292	1.17	0.00146	0.00489	0.0000555	0.0000546	0.0000268	0.0638	0.0000053	0.000079	0.000266	0.00163
2051 May	57.5	0.0352	0.064	0.000539	12.4	0.0433	4.57	0.00000532	0.0074	0.000581	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000623	0.000215	0.000524	0.0485	0.00000266	1.62	0.00201	1.76	0.0259	0.000294	1.18	0.00147	0.00492	0.0000557	0.0000549	0.0000269	0.0642	0.00000532	0.0000795	0.000267	0.00164
2051 Jun	57.2	0.0351	0.0638	0.000533	12.3	0.043	4.53	0.00000526	0.00736	0.000578	0.00527	0.0145	0.0000106	8.18	0.0000028	0.0000617	0.000214	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000293	1.17	0.00146	0.0049	0.0000551	0.0000543	0.0000266	0.0639	0.00000527	0.0000792	0.000264	0.00162
2051 Jul	57.3	0.0351	0.0637	0.000536	12.3	0.0431	4.55	0.0000053	0.00737	0.000578	0.0053	0.0145	0.0000106	8.2	0.00000282	0.000062	0.000215	0.000522	0.0483	0.00000265	1.62	0.002	1.76	0.0258	0.000292	1.17	0.00146	0.00491	0.0000557	0.0000546	0.0000268	0.0639	0.0000053	0.0000792	0.000266	0.00163
2051 Aug	57.9	0.0355	0.0646	0.000539	12.4	0.0435	4.58	0.00000533	0.00745	0.000585	0.00533	0.0146	0.0000107	8.29	0.00000283	0.0000625	0.000217	0.000527	0.049	0.00000266	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00148	0.00496	0.0000556	0.0000549	0.000027	0.0647	0.00000533	0.0000802	0.000267	0.00164
2051 Sep	57.7	0.0354	0.0645	0.000537	12.4	0.0433	4.57	0.00000531	0.00743	0.000583	0.00531	0.0146	0.0000106	8.26	0.00000282	0.0000622	0.000217	0.000526	0.0488	0.00000265	1.63	0.00202	1.77	0.0262	0.000296	1.18	0.00147	0.00495	0.0000552	0.0000547	0.0000269	0.0645	0.00000531	0.00008	0.000266	0.00163
2051 Oct	57.4	0.0352	0.064	0.000535	12.3	0.0432	4.55	0.00000529	0.00739	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000281	0.000062	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.026	0.000293	1.17	0.00146	0.00492	0.0000552	0.0000546	0.0000268	0.0641	0.0000053	0.0000794	0.000265	0.00163
2051 Nov	57.1	0.035	0.0635	0.000535	12.3	0.0431	4.54	0.00000529	0.00735	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000619	0.000214	0.00052	0.0482	0.00000264	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.00489	0.0000555	0.0000545	0.0000268	0.0637	0.00000529	0.0000789	0.000265	0.00163
2051 Dec	57.1	0.0349	0.0634	0.000535	12.3	0.043	4.54	0.00000529	0.00734	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000556	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2052 Jan	57.1	0.0349	0.0633	0.000535	12.3	0.043	4.54	0.00000529	0.00734	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000556	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2052 Feb	57.1	0.0349	0.0633	0.000535	12.3	0.043	4.54	0.00000529	0.00734	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000556	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2052 Mar	57.1	0.0349	0.0634	0.000535	12.3	0.043	4.54	0.00000529	0.00734	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000556	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2052 Apr	57.2	0.035	0.0635	0.000535	12.3	0.0431	4.54	0.00000529	0.00736	0.000577	0.0053	0.0145	0.0000106	8.19	0.00000281	0.000062	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.0049	0.0000556	0.0000546	0.0000268	0.0638	0.0000053	0.000079	0.000265	0.00163
2052 May	57.5	0.0352	0.0639	0.000538	12.4	0.0433	4.57	0.00000532	0.0074	0.000581	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000623	0.000216	0.000524	0.0485	0.00000266	1.62	0.00201	1.76	0.0259	0.000293	1.18	0.00147	0.00493	0.0000558	0.0000548	0.0000269	0.0642	0.00000532	0.0000795	0.000267	0.00164
2052 Jun	57.2	0.0351	0.0638	0.000532	12.3	0.043	4.53	0.00000527	0.00736	0.000577	0.00527	0.0145	0.0000106	8.18	0.0000028	0.0000617	0.000214	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000293	1.17	0.00146	0.00491	0.0000553	0.0000542	0.0000266	0.0639	0.00000527	0.0000792	0.000264	0.00162
2052 Jul	57.3	0.0351	0.0637	0.000535	12.3	0.0432	4.55	0.0000053	0.00738	0.000579	0.0053	0.0145	0.0000106	8.21	0.00000282	0.000062	0.000215	0.000522	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00492	0.0000559	0.0000546	0.0000268	0.064	0.0000053	0.0000792	0.000266	0.00163
2052 Aug	58	0.0356	0.0647	0.000538	12.5	0.0435	4.59	0.00000533	0.00746	0.000585	0.00533	0.0147	0.0000107	8.29	0.00000283	0.0000625	0.000217	0.000528	0.049	0.00000267	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00148	0.00497	0.0000559	0.0000549	0.000027	0.0648	0.00000533	0.0000803	0.000267	0.00164
2052 Sep	57.8	0.0355	0.0645	0.000536	12.4	0.0434	4.57	0.00000531	0.00744	0.000583	0.00531	0.0146	0.0000106	8.27	0.00000282	0.0000622	0.000217	0.000526	0.0489	0.00000265	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00147	0.00496	0.0000553	0.0000546	0.0000269	0.0646	0.00000531	0.0000801	0.000266	0.00163
2052 Oct	57.4	0.0352	0.064	0.000534	12.3	0.0432	4.55	0.0000053	0.00739	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000281	0.000062	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.026	0.000293	1.17	0.00146	0.00493	0.0000553	0.0000545	0.0000268	0.0641	0.0000053	0.0000795	0.000265	0.00163
2052 Nov	57.2	0.035	0.0635	0.000534	12.3	0.0431	4.54	0.00000529	0.00736	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.0049	0.0000557	0.0000545	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2052 Dec	57.1	0.0349	0.0634	0.000534	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000558	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2053 Jan	57.1	0.0349	0.0634	0.000534	12.3	0.043	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000558	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2053 Feb	57.1	0.0349	0.0634	0.000534	12.3	0.043	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000558	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2053 Mar	57.1	0.0349	0.0634	0.000534	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000558	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2053 Apr	57.2	0.035	0.0635	0.000534	12.3	0.0431	4.55	0.0000053	0.00736	0.000577	0.0053	0.0145	0.0000106	8.19	0.00000282	0.000062	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.0049	0.0000558	0.0000545	0.0000268	0.0638	0.0000053	0.000079	0.000265	0.00163
2053 May	57.5	0.0352	0.0639	0.000537	12.4	0.0433	4.57	0.00000532	0.00741	0.000581	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000623	0.000216	0.000524	0.0485	0.00000266	1.62	0.00201	1.76	0.026	0.000293	1.18	0.00147	0.00493	0.000056	0.0000548	0.0000269	0.0642	0.00000532	0.0000795	0.000267	0.00164
2053 Jun	57.2	0.0351	0.0638	0.000531	12.3	0.043	4.53	0.00000527	0.00737	0.000577	0.00527	0.0145	0.0000106	8.19	0.0000028	0.0000617	0.000215	0.000521	0.0484	0.00000263	1.61	0.00201	1.75	0.0259	0.000293	1.17	0.00146	0.00491	0.0000554	0.0000542	0.0000266	0.0639	0.00000527	0.0000792	0.000264	0.00162
2053 Jul	57.4	0.0351	0.0637	0.000535	12.3	0.0432	4.55	0.0000053	0.00738	0.000579	0.00531	0.0145	0.0000106	8.21	0.00000282	0.0000621	0.000215	0.000523	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00492	0.0000561	0.0000546	0.0000268	0.064	0.00000531	0.0000792	0.000266	0.00163
2053 Aug	58	0.0356	0.0647	0.000537	12.5	0.0435	4.59	0.00000533	0.00746	0.000585	0.00533	0.0147	0.0000107	8.3	0.00000283	0.0000625	0.000218	0.000528	0.049	0.00000267	1.63	0.00203	1.77	0.0263	0.000297	1.18	0.00148	0.00498	0.0000559	0.0000549	0.000027	0.0648	0.00000533	0.0000803	0.000267	0.00164
2053 Sep	57.8	0.0355	0.0645	0.000535	12.4	0.0434	4.57	0.00000531	0.00744	0.000583	0.00531	0.0146	0.0000106	8.27	0.00000282	0.0000622	0.000217	0.000526	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00147	0.00496	0.0000554	0.0000546	0.0000269	0.0646	0.00000531	0.0000801	0.000266	0.00163
2053 Oct	57.4	0.0352	0.064	0.000533	12.3	0.0432	4.55	0.0000053	0.00739	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000281	0.000062	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.026	0.000293	1.17	0.00146	0.00493	0.0000554	0.0000545	0.0000268	0.0641	0.0000053	0.0000795	0.000265	0.00163
2053 Nov	57.2	0.035	0.0635	0.000533	12.3	0.0431	4.54	0.00000529	0.00736	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.0049	0.0000558	0.0000545	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2053 Dec	57.1	0.0349	0.0633	0.000533	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00145	0.00489	0.0000559	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2054 Jan	57.1	0.0349	0.0633	0.000533	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00489	0.0000559	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2054 Feb	57.1	0.0349	0.0633	0.000533	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00489	0.0000559	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2054 Mar	57.1	0.0349	0.0633	0.000533	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000281	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00489	0.0000559	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2054 Apr	57.2	0.035	0.0635	0.000533	12.3	0.0431	4.54	0.0000053	0.00736	0.000577	0.0053	0.0145	0.0000106	8.19	0.00000282	0.000062	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.0049	0.0000559	0.0000545	0.0000268	0.0638	0.0000053	0.000079	0.000265	0.00163
2054 May	57.5	0.0352	0.0639	0.000536	12.4	0.0433	4.57	0.00000532	0.00741	0.00058	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000623	0.000216	0.000524	0.0485	0.00000266	1.62	0.00201	1.76	0.026	0.000293	1.18	0.00147	0.00493	0.0000561	0.0000547	0.0000269	0.0642	0.00000532	0.0000795	0.000266	0.00164
2054 Jun	57.2	0.0351	0.0638	0.00053	12.3	0.043	4.53	0.00000527	0.00737	0.000577	0.00527	0.0145	0.0000106	8.18	0.0000028	0.0000617	0.000215	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000292	1.17	0.00146	0.00491	0.0000555	0.0000542	0.0000266	0.0639	0.00000527	0.0000792	0.000264	0.00162
2054 Jul	57.3	0.0351	0.0636	0.000533	12.3	0.0432	4.55	0.0000053	0.00737	0.000578	0.0053	0.0145	0.0000106	8.2	0.00000282	0.000062	0.000215	0.000522	0.0483	0.00000265	1.62	0.002	1.76	0.0258	0.000292	1.17	0.00146	0.00492	0.0000562	0.0000546	0.0000268	0.064	0.0000053	0.0000791	0.000265	0.00163
2054 Aug	58	0.0355	0.0646	0.000537	12.5	0.0435	4.59	0.00000533	0.00746	0.000585	0.00534	0.0146	0.0000107	8.29	0.00000284	0.0000625	0.000217	0.000528	0.049	0.00000267	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00148	0.00498	0.0000561	0.0000549	0.000027	0.0647	0.00000533	0.0000802	0.000267	0.00164
2054 Sep	57.8	0.0354	0.0645	0.000534	12.4	0.0434	4.57	0.00000531	0.00744	0.000583	0.00531	0.0146	0.0000106	8.27	0.00000282	0.0000622	0.000217	0.000526	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00497	0.0000556	0.0000546	0.0000269	0.0646	0.00000531	0.00008	0.000266	0.00163
2054 Oct	57.5	0.0352	0.064	0.000533	12.3	0.0432	4.55	0.0000053	0.0074	0.00058	0.0053	0.0145	0.0000106	8.22	0.00000282	0.000062	0.000215	0.000523	0.0486	0.00000265	1.62	0.00201	1.76	0.026	0.000293	1.17	0.00146	0.00493	0.0000556	0.0000545	0.0000268	0.0642	0.0000053	0.0000795	0.000265	0.00163
2054 Nov	57.2	0.035	0.0635	0.000532	12.3	0.0431	4.54	0.00000529	0.00736	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.00491	0.0000559	0.0000544	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2054 Dec	57.1	0.0349	0.0634	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.0049	0.000056	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2055 Jan	57.1	0.0349	0.0634	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.0049	0.000056	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2055 Feb	57.1	0.0349	0.0634	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.0049	0.000056	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2055 Mar	57.1	0.0349	0.0634	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.0053	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.0049	0.000056	0.0000545	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2055 Apr	57.2	0.035	0.0635	0.000533	12.3	0.0431	4.55	0.0000053	0.00737	0.000577	0.0053	0.0145	0.0000106	8.19	0.00000282	0.000062	0.000214	0.000522	0.0483	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.00491	0.000056	0.0000545	0.0000268	0.0639	0.0000053	0.000079	0.000265	0.00163
2055 May	57.6	0.0352	0.064	0.000535	12.4	0.0433	4.57	0.00000532	0.00741	0.000581	0.00532	0.0146	0.0000107	8.24	0.00000283	0.0000623	0.000216	0.000525	0.0486	0.00000266	1.62	0.00201	1.77	0.026	0.000293	1.18	0.00147	0.00494	0.0000562	0.0000547	0.0000269	0.0643	0.00000532	0.0000795	0.000266	0.00164
2055 Jun	57.2	0.035	0.0637	0.000529	12.3	0.043	4.53	0.00000527	0.00737	0.000577	0.00527	0.0145	0.0000105	8.18	0.0000028	0.0000617	0.000214	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000292	1.17	0.00146	0.00492	0.0000557	0.0000542	0.0000266	0.0639	0.00000527	0.0000791	0.000264	0.00162
2055 Jul	57.3	0.0351	0.0637	0.000533	12.3	0.0432	4.55	0.0000053	0.00738	0.000578	0.0053	0.0145	0.0000106	8.21	0.00000282	0.000062	0.000215	0.000523	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00493	0.0000563	0.0000545	0.0000268	0.064	0.0000053	0.0000792	0.000265	0.00163
2055 Aug	58	0.0355	0.0646	0.000536	12.5	0.0435	4.58	0.00000533	0.00746	0.000585	0.00533	0.0146	0.0000107	8.29	0.00000284	0.0000625	0.000217	0.000528	0.049	0.00000267	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00148	0.00498	0.0000562	0.0000548	0.000027	0.0648	0.00000533	0.0000802	0.000267	0.00164
2055 Sep	57.8	0.0354	0.0644	0.000534	12.4	0.0434	4.57	0.00000531	0.00744	0.000583	0.00531	0.0146	0.0000106	8.26	0.00000282	0.0000622	0.000217	0.000526	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00497	0.0000557	0.0000546	0.0000268	0.0646	0.00000531	0.00008	0.000266	0.00163
2055 Oct	57.4	0.0352	0.0639	0.000532	12.3	0.0432	4.55	0.0000053	0.0074	0.000579	0.0053	0.0145	0.0000106	8.22	0.00000282	0.000062	0.000215	0.000523	0.0485	0.00000265	1.62	0.00201	1.76	0.0259	0.000293	1.17	0.00146	0.00494	0.0000557	0.0000544	0.0000268	0.0641	0.0000053	0.0000794	0.000265	0.00163
2055 Nov	57.1	0.0349	0.0634	0.000532	12.3	0.0431	4.54	0.00000529	0.00736	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.00491	0.000056	0.0000544	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2055 Dec	57.1	0.0349	0.0633	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000282	0.0000619	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000561	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2056 Jan	57.1	0.0349	0.0633	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000282	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000561	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2056 Feb	57.1	0.0349	0.0633	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000282	0.0000619	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000561	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2056 Mar	57.1	0.0349	0.0633	0.000532	12.3	0.0431	4.54	0.00000529	0.00735	0.000576	0.00529	0.0145	0.0000106	8.17	0.00000282	0.0000619	0.000214	0.000521	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000561	0.0000544	0.0000268	0.0637	0.00000529	0.0000788	0.000265	0.00163
2056 Apr	57.2	0.035	0.0634	0.000532	12.3	0.0431	4.54	0.0000053	0.00737	0.000577	0.0053	0.0145	0.0000106	8.19	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.76	0.0258	0.000291	1.17	0.00146	0.00491	0.0000561	0.0000545	0.0000268	0.0638	0.0000053	0.0000789	0.000265	0.00163
2056 May	57.5	0.0352	0.0639	0.000535	12.4	0.0433	4.57	0.00000532	0.00741	0.00058	0.00532	0.0146	0.0000107	8.23	0.00000283	0.0000622	0.000216	0.000524	0.0485	0.00000266	1.62	0.00201	1.76	0.0259	0.000293	1.18	0.00147	0.00494	0.0000563	0.0000547	0.0000269	0.0642	0.00000532	0.0000795	0.000266	0.00164
2056 Jun	57.2	0.035	0.0637	0.000529	12.3	0.043	4.53	0.00000527	0.00737	0.000577	0.00527	0.0145	0.0000105	8.18	0.0000028	0.0000617	0.000214	0.000521	0.0484	0.00000263	1.61	0.002	1.75	0.0259	0.000292	1.17	0.00146	0.00492	0.0000557	0.0000542	0.0000266	0.0639	0.00000527	0.0000791	0.000264	0.00162
2056 Jul	57.4	0.0351	0.0637	0.000533	12.3	0.0432	4.55	0.00000531	0.00739	0.000579	0.00531	0.0145	0.0000106	8.21	0.00000282	0.0000621	0.000215	0.000523	0.0484	0.00000265	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00493	0.0000564	0.0000546	0.0000268	0.064	0.00000531	0.0000792	0.000266	0.00163
2056 Aug	57.9	0.0355	0.0646	0.000535	12.4	0.0435	4.58	0.00000533	0.00746	0.000584	0.00533	0.0146	0.0000107	8.29	0.00000283	0.0000624	0.000217	0.000528	0.049	0.00000266	1.63	0.00203	1.77	0.0262	0.000296	1.18	0.00148	0.00499	0.0000561	0.0000547	0.0000269	0.0647	0.00000533	0.0000802	0.000267	0.00164
2056 Sep	57.6	0.0353	0.0642	0.000532	12.4	0.0433	4.56	0.0000053	0.00742	0.000581	0.0053	0.0146	0.0000106	8.24	0.00000282	0.0000621	0.000216	0.000525	0.0487	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.0000556	0.0000545	0.0000268	0.0644	0.0000053	0.0000798	0.000265	0.00163
2056 Oct	57.2	0.035	0.0636	0.000531	12.3	0.0431	4.54	0.00000529	0.00737	0.000577	0.00529	0.0145	0.0000106	8.19	0.00000281	0.0000619	0.000215	0.000522	0.0483	0.00000264	1.61	0.002	1.75	0.0258	0.000292	1.17	0.00146	0.00492	0.0000556	0.0000543	0.0000267	0.0639	0.00000529	0.0000791	0.000265	0.00163
2056 Nov	56.9	0.0348	0.0631	0.00053	12.2	0.043	4.53	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.17	0.00145	0.00489	0.000056	0.0000543	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00163
2056 Dec	56.9	0.0347	0.063	0.00053	12.2	0.0429	4.53	0.00000528	0.00733	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.00489	0.000056	0.0000543	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2057 Jan	56.9	0.0347	0.063	0.00053	12.2	0.0429	4.53	0.00000528	0.00733	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.00489	0.0000561	0.0000543	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2057 Feb	56.9	0.0347	0.063	0.00053	12.2	0.0429	4.53	0.00000528	0.00733	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.00489	0.0000561	0.0000543	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2057 Mar	56.9	0.0347	0.063	0.00053	12.2	0.0429	4.53	0.00000528	0.00733	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.00489	0.0000561	0.0000543	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163

Appendix C9: WTS Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	57	0.0348	0.0632	0.000531	12.2	0.043	4.53	0.00000529	0.00734	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000213	0.00052	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.00029	1.17	0.00145	0.0049	0.0000561	0.0000543	0.0000267	0.0636	0.00000529	0.0000786	0.000265	0.00163
2057 May	57.3	0.035	0.0636	0.000533	12.3	0.0432	4.55	0.00000531	0.00739	0.000578	0.00531	0.0145	0.0000106	8.21	0.00000283	0.0000621	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.76	0.0258	0.000292	1.17	0.00146	0.00493	0.0000562	0.0000546	0.0000268	0.064	0.00000531	0.0000791	0.000266	0.00164
2057 Jun	57	0.0349	0.0634	0.000527	12.2	0.0428	4.51	0.00000526	0.00735	0.000574	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000615	0.000214	0.000519	0.0482	0.00000263	1.61	0.002	1.74	0.0258	0.000291	1.16	0.00145	0.0049	0.0000556	0.000054	0.0000266	0.0636	0.00000526	0.0000788	0.000263	0.00162
2057 Jul	57.2	0.0349	0.0634	0.000531	12.3	0.0431	4.54	0.0000053	0.00736	0.000576	0.0053	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.00492	0.0000563	0.0000544	0.0000268	0.0638	0.0000053	0.0000789	0.000265	0.00163
2057 Aug	57.8	0.0354	0.0644	0.000534	12.4	0.0434	4.57	0.00000533	0.00745	0.000583	0.00533	0.0146	0.0000107	8.27	0.00000283	0.0000623	0.000217	0.000527	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00498	0.0000561	0.0000547	0.0000269	0.0646	0.00000533	0.00008	0.000266	0.00164
2057 Sep	57.6	0.0353	0.0642	0.000532	12.4	0.0433	4.55	0.0000053	0.00743	0.000581	0.0053	0.0146	0.0000106	8.24	0.00000282	0.0000621	0.000216	0.000525	0.0488	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.0000555	0.0000544	0.0000268	0.0644	0.0000053	0.0000798	0.000265	0.00163
2057 Oct	57.3	0.035	0.0637	0.00053	12.3	0.0431	4.54	0.00000529	0.00738	0.000577	0.00529	0.0145	0.0000106	8.19	0.00000281	0.0000619	0.000215	0.000522	0.0484	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00493	0.0000555	0.0000543	0.0000267	0.0639	0.00000529	0.0000792	0.000265	0.00163
2057 Nov	57	0.0348	0.0632	0.00053	12.2	0.043	4.53	0.00000528	0.00735	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000213	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000559	0.0000543	0.0000267	0.0636	0.00000529	0.0000786	0.000264	0.00163
2057 Dec	56.9	0.0348	0.0631	0.00053	12.2	0.0429	4.53	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.17	0.00145	0.0049	0.000056	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2058 Jan	56.9	0.0348	0.0631	0.00053	12.2	0.0429	4.53	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.17	0.00145	0.0049	0.000056	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2058 Feb	56.9	0.0348	0.0631	0.00053	12.2	0.0429	4.53	0.00000528	0.00734	0.000574	0.00529	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.17	0.00145	0.0049	0.000056	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2058 Mar	56.9	0.0348	0.0631	0.00053	12.2	0.0429	4.53	0.00000528	0.00734	0.000574	0.00529	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.17	0.00145	0.0049	0.000056	0.0000543	0.0000267	0.0635	0.00000529	0.0000785	0.000264	0.00163
2058 Apr	57	0.0348	0.0632	0.00053	12.2	0.043	4.53	0.00000529	0.00735	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000214	0.00052	0.0481	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00491	0.000056	0.0000543	0.0000267	0.0636	0.00000529	0.0000787	0.000265	0.00163
2058 May	57.4	0.0351	0.0637	0.000533	12.3	0.0432	4.55	0.00000531	0.0074	0.000579	0.00531	0.0145	0.0000106	8.21	0.00000283	0.0000621	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00494	0.0000562	0.0000546	0.0000269	0.064	0.00000531	0.0000792	0.000266	0.00164
2058 Jun	57	0.0349	0.0635	0.000527	12.2	0.0428	4.51	0.00000526	0.00736	0.000575	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000615	0.000214	0.00052	0.0482	0.00000263	1.61	0.002	1.74	0.0258	0.000291	1.16	0.00145	0.00491	0.0000556	0.000054	0.0000266	0.0637	0.00000526	0.0000789	0.000263	0.00162
2058 Jul	57.2	0.0349	0.0635	0.000531	12.3	0.0431	4.54	0.0000053	0.00737	0.000577	0.0053	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000522	0.0482	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00493	0.0000562	0.0000544	0.0000268	0.0638	0.0000053	0.000079	0.000265	0.00163
2058 Aug	57.8	0.0354	0.0644	0.000534	12.4	0.0434	4.57	0.00000532	0.00746	0.000583	0.00533	0.0146	0.0000107	8.27	0.00000283	0.0000623	0.000217	0.000527	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00498	0.000056	0.0000547	0.0000269	0.0646	0.00000533	0.00008	0.000266	0.00164
2058 Sep	57.6	0.0353	0.0642	0.000531	12.4	0.0432	4.55	0.0000053	0.00743	0.000581	0.0053	0.0145	0.0000106	8.24	0.00000282	0.0000621	0.000216	0.000525	0.0488	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00497	0.0000555	0.0000544	0.0000268	0.0643	0.0000053	0.0000798	0.000265	0.00163
2058 Oct	57.3	0.035	0.0637	0.00053	12.3	0.0431	4.54	0.00000529	0.00738	0.000577	0.00529	0.0145	0.0000106	8.19	0.00000281	0.0000619	0.000215	0.000522	0.0484	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00493	0.0000555	0.0000543	0.0000267	0.0639	0.00000529	0.0000792	0.000265	0.00163
2058 Nov	57	0.0348	0.0632	0.00053	12.2	0.043	4.53	0.00000528	0.00735	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.00491	0.0000558	0.0000543	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00163
2058 Dec	56.9	0.0347	0.0631	0.00053	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2059 Jan	56.9	0.0347	0.0631	0.00053	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2059 Feb	56.9	0.0347	0.0631	0.00053	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2059 Mar	56.9	0.0347	0.0631	0.00053	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.61	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000543	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2059 Apr	57	0.0348	0.0632	0.00053	12.2	0.043	4.53	0.00000529	0.00735	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000214	0.00052	0.0481	0.00000265	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.00491	0.0000559	0.0000543	0.0000267	0.0636	0.00000529	0.0000787	0.000265	0.00163
2059 May	57.4	0.0351	0.0637	0.000533	12.3	0.0432	4.55	0.00000531	0.0074	0.000578	0.00531	0.0145	0.0000106	8.21	0.00000283	0.0000621	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00494	0.0000561	0.0000546	0.0000269	0.064	0.00000531	0.0000792	0.000266	0.00164
2059 Jun	57	0.0349	0.0635	0.000527	12.2	0.0428	4.51	0.00000526	0.00736	0.000575	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000615	0.000214	0.00052	0.0482	0.00000263	1.61	0.002	1.74	0.0258	0.000291	1.16	0.00145	0.00491	0.0000555	0.000054	0.0000266	0.0637	0.00000526	0.0000789	0.000263	0.00162
2059 Jul	57.1	0.0349	0.0634	0.00053	12.3	0.0431	4.54	0.00000529	0.00737	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00492	0.0000561	0.0000544	0.0000268	0.0638	0.00000529	0.0000789	0.000265	0.00163
2059 Aug	57.8	0.0354	0.0644	0.000533	12.4	0.0434	4.57	0.00000532	0.00745	0.000582	0.00532	0.0146	0.0000107	8.26	0.00000283	0.0000623	0.000217	0.000527	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00498	0.0000559	0.0000546	0.0000269	0.0645	0.00000532	0.00008	0.000266	0.00164
2059 Sep	57.6	0.0353	0.0642	0.000531	12.4	0.0432	4.55	0.0000053	0.00742	0.00058	0.0053	0.0145	0.0000106	8.23	0.00000282	0.0000621	0.000216	0.000525	0.0487	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.0000554	0.0000544	0.0000268	0.0643	0.0000053	0.0000797	0.000265	0.00163
2059 Oct	57.2	0.035	0.0636	0.00053	12.3	0.0431	4.53	0.00000529	0.00738	0.000577	0.00529	0.0145	0.0000106	8.19	0.00000281	0.0000619	0.000215	0.000522	0.0484	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00493	0.0000554	0.0000543	0.0000267	0.0639	0.00000529	0.0000791	0.000265	0.00163
2059 Nov	57	0.0348	0.0632	0.000529	12.2	0.0429	4.52	0.00000528	0.00735	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.0049	0.0000558	0.0000542	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00163
2059 Dec	56.9	0.0347	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000558	0.0000542	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2060 Jan	56.9	0.0347	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000558	0.0000542	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2060 Feb	56.9	0.0347	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000542	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2060 Mar	56.9	0.0347	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000559	0.0000542	0.0000267	0.0635	0.00000528	0.0000785	0.000264	0.00163
2060 Apr	57	0.0348	0.0632	0.00053	12.2	0.043	4.53	0.00000529	0.00735	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000214	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.00491	0.0000559	0.0000543	0.0000267	0.0636	0.00000529	0.0000787	0.000265	0.00163
2060 May	57.4	0.0351	0.0637	0.000532	12.3	0.0432	4.55	0.00000531	0.0074	0.000578	0.00531	0.0145	0.0000106	8.21	0.00000283	0.0000621	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00494	0.000056	0.0000545	0.0000268	0.064	0.00000531	0.0000792	0.000266	0.00164
2060 Jun	57	0.0349	0.0634	0.000527	12.2	0.0428	4.51	0.00000526	0.00735	0.000574	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000615	0.000214	0.00052	0.0482	0.00000263	1.61	0.002	1.74	0.0258	0.000291	1.16	0.00145	0.00491	0.0000554	0.000054	0.0000266	0.0636	0.00000526	0.0000789	0.000263	0.00162
2060 Jul	57.2	0.0349	0.0634	0.00053	12.3	0.0431	4.54	0.0000053	0.00737	0.000576	0.0053	0.0145	0.0000106	8.18	0.00000282	0.0000619	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00493	0.000056	0.0000544	0.0000268	0.0638	0.0000053	0.0000789	0.000265	0.00163
2060 Aug	57.8	0.0354	0.0644	0.000533	12.4	0.0434	4.57	0.00000532	0.00745	0.000583	0.00532	0.0146	0.0000107	8.27	0.00000283	0.0000623	0.000217	0.000527	0.0489	0.00000266	1.63	0.00203	1.77	0.0262	0.000295	1.18	0.00147	0.00499	0.0000558	0.0000546	0.0000269	0.0646	0.00000532	0.00008	0.000266	0.00164
2060 Sep	57.6	0.0353	0.0641	0.000531	12.4	0.0432	4.55	0.0000053	0.00742	0.00058	0.0053	0.0145	0.0000106	8.23	0.00000281	0.000062	0.000216	0.000524	0.0487	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.0000553	0.0000544	0.0000268	0.0643	0.0000053	0.0000797	0.000265	0.00163
2060 Oct	57.2	0.035	0.0636	0.000529	12.3	0.043	4.53	0.00000529	0.00738	0.000577	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000618	0.000214	0.000522	0.0483	0.00000264	1.61	0.002	1.75	0.0258	0.000292	1.17	0.00146	0.00493	0.0000553	0.0000542	0.0000267	0.0639	0.00000529	0.0000791	0.000264	0.00163
2060 Nov	56.9	0.0348	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000556	0.0000542	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00163
2060 Dec	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000557	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00163
2061 Jan	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000557	0.0000542	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2061 Feb	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000557	0.0000542	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2061 Mar	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000557	0.0000542	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00163
2061 Apr	57	0.0348	0.0632	0.000529	12.2	0.043	4.53	0.00000529	0.00735	0.000574	0.00529	0.0144	0.0000106	8.15	0.00000281	0.0000618	0.000213	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.17	0.00145	0.00491	0.0000557	0.0000543	0.0000267	0.0635	0.00000529	0.0000786	0.000264	0.00163
2061 May	57.3	0.035	0.0636	0.000532	12.3	0.0432	4.55	0.00000531	0.00739	0.000578	0.00531	0.0145	0.0000106	8.2	0.00000282	0.0000621	0.000215	0.000523	0.0484	0.00000266	1.62	0.00201	1.76	0.0259	0.000292	1.17	0.00146	0.00494	0.0000559	0.0000545	0.0000268	0.064	0.00000531	0.0000792	0.000266	0.00163
2061 Jun	56.9	0.0348	0.0633	0.000526	12.2	0.0428	4.5	0.00000525	0.00734	0.000574	0.00525	0.0144	0.0000105	8.14	0.00000279	0.0000615	0.000213	0.000519	0.0481	0.00000263	1.6	0.002	1.74	0.0257	0.00029	1.16	0.00145	0.00491	0.0000553	0.0000539	0.0000265	0.0635	0.00000525	0.0000787	0.000263	0.00162
2061 Jul	57.1	0.0349	0.0633	0.00053	12.2	0.043	4.53	0.00000529	0.00736	0.000575	0.00529	0.0144	0.0000106	8.17	0.00000281	0.0000618	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00492	0.0000559	0.0000543	0.0000267	0.0637	0.00000529	0.0000788	0.000265	0.00163
2061 Aug	57.7	0.0353	0.0643	0.000533	12.4	0.0434	4.56	0.00000532	0.00745	0.000582	0.00532	0.0146	0.0000106	8.25	0.00000283	0.0000623	0.000216	0.000526	0.0488	0.00000266	1.63	0.00202	1.76	0.0261	0.000295	1.18	0.00147	0.00498	0.0000557	0.0000546	0.0000269	0.0645	0.00000532	0.0000799	0.000266	0.00164
2061 Sep	57.5	0.0352	0.0641	0.00053	12.3	0.0432	4.55	0.0000053	0.00742	0.00058	0.0053	0.0145	0.0000106	8.23	0.00000281	0.000062	0.000216	0.000524	0.0487	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.0000552	0.0000543	0.0000268	0.0643	0.0000053	0.0000797	0.000265	0.00163
2061 Oct	57.2	0.035	0.0636	0.000529	12.3	0.043	4.53	0.00000528	0.00738	0.000576	0.00529	0.0145	0.0000106	8.18	0.00000281	0.0000618	0.000214	0.000521	0.0483	0.00000264	1.61	0.002	1.75	0.0258	0.000292	1.17	0.00146	0.00493	0.0000551	0.0000542	0.0000267	0.0638	0.00000528	0.0000791	0.000264	0.00163
2061 Nov	56.9	0.0348	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000555	0.0000542	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00162
2061 Dec	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000556	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00162
2062 Jan	56.8	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000556	0.0000542	0.0000267	0.0634	0.00000528	0.0000784	0.000264	0.00162
2062 Feb	56.8	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000556	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00162
2062 Mar	56.9	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.0049	0.0000556	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00162
2062 Apr	57	0.0348	0.0632	0.000529	12.2	0.0429	4.52	0.00000529	0.00735	0.000574	0.00529	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.00052	0.0481	0.00000264	1.61	0.00199	1.75	0.0257	0.00029	1.16	0.00145	0.00491	0.0000556	0.0000542	0.0000267	0.0635	0.00000529	0.0000786	0.000264	0.00163
2062 May	57.3	0.035	0.0636	0.000532	12.3	0.0432	4.55	0.00000531	0.00739	0.000578	0.00531	0.0145	0.0000106	8.2	0.00000282	0.000062	0.000215	0.000523	0.0484	0.00000265	1.62	0.00201	1.76	0.0258	0.000292	1.17	0.00146	0.00494	0.0000558	0.0000545	0.0000268	0.0639	0.00000531	0.0000792	0.000266	0.00163
2062 Jun	56.9	0.0348	0.0634	0.000526	12.2	0.0428	4.5	0.00000525	0.00735	0.000574	0.00525	0.0144	0.0000105	8.14	0.00000279	0.0000615	0.000213	0.000519	0.0482	0.00000263	1.6	0.002	1.74	0.0258	0.00029	1.16	0.00145	0.00491	0.0000551	0.0000539	0.0000265	0.0636	0.00000525	0.0000788	0.000263	0.00162
2062 Jul	57.1	0.0349	0.0634	0.00053	12.3	0.043	4.53	0.00000529	0.00736	0.000576	0.00529	0.0144	0.0000106	8.17	0.00000281	0.0000618	0.000214	0.000521	0.0482	0.00000265	1.61	0.002	1.75	0.0257	0.000291	1.17	0.00146	0.00492	0.0000557	0.0000543	0.0000267	0.0637	0.00000529	0.0000789	0.000265	0.00163
2062 Aug	57.7	0.0354	0.0643	0.000532	12.4	0.0433	4.56	0.00000532	0.00745	0.000582	0.00532	0.0146	0.0000106	8.25	0.00000283	0.0000623	0.000216	0.000526	0.0489	0.00000266	1.63	0.00203	1.76	0.0261	0.000295	1.18	0.00147	0.00498	0.0000555	0.0000546	0.0000269	0.0645	0.00000532	0.0000799	0.000266	0.00164
2062 Sep	57.5	0.0352	0.0641	0.00053	12.3	0.0432	4.54	0.0000053	0.00742	0.000579	0.0053	0.0145	0.0000106	8.22	0.00000281	0.000062	0.000216	0.000524	0.0487	0.00000265	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00496	0.000055	0.0000543	0.0000268	0.0642	0.0000053	0.0000796	0.000265	0.00163
2062 Oct	57.1	0.035	0.0636	0.000529	12.3	0.043	4.53	0.00000528	0.00738	0.000576	0.00528	0.0144	0.0000106	8.17	0.0000028	0.0000618	0.000214	0.000521	0.0483	0.00000264	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00493	0.000055	0.0000542	0.0000267	0.0638	0.00000528	0.0000791	0.000264	0.00162
2062 Nov	56.9	0.0347	0.0631	0.000528	12.2	0.0429	4.52	0.00000528	0.00734	0.000573	0.00528	0.0144	0.0000106	8.14	0.0000028	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000553	0.0000541	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00162
2062 Dec	56.8	0.0347	0.063	0.000528	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.0000028	0.0000616	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000554	0.0000542	0.0000267	0.0633	0.00000528	0.0000784	0.000264	0.00162
2063 Jan	56.8	0.0347	0.063	0.000528	12.2	0.0428	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.0000028	0.0000616	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000554	0.0000542	0.0000267	0.0633	0.00000528	0.0000784	0.000264	0.00162
2063 Feb	56.8	0.0347	0.063	0.000528	12.2	0.0428	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.0000028	0.0000616	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000554	0.0000542	0.0000267	0.0633	0.00000528	0.0000784	0.000264	0.00162
2063 Mar	56.8	0.0347	0.063	0.000528	12.2	0.0429	4.52	0.00000528	0.00733	0.000573	0.00528	0.0144	0.0000106	8.13	0.00000281	0.0000616	0.000213	0.000519	0.0479	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000554	0.0000542	0.0000267	0.0633	0.00000528	0.0000784	0.000264	0.00162
2063 Apr	56.9	0.0348	0.0631	0.000529	12.2	0.0429	4.52	0.00000528	0.00735	0.000574	0.00528	0.0144	0.0000106	8.14	0.00000281	0.0000617	0.000213	0.00052	0.048	0.00000264	1.6	0.00199	1.75	0.0256	0.000289	1.16	0.00145	0.00491	0.0000554	0.0000542	0.0000267	0.0635	0.00000528	0.0000786	0.000264	0.00163
2063 May	57.3	0.035	0.0636	0.000531	12.3	0.0431	4.54	0.00000531	0.00739	0.000577	0.00531	0.0145	0.0000106	8.19	0.00000282	0.000062	0.000215	0.000523	0.0484	0.00000265	1.61	0.00201	1.76	0.0258	0.000292	1.17	0.00146	0.00494	0.0000556	0.0000544	0.0000268	0.0639	0.00000531	0.0000791	0.000265	0.00163
2063 Jun	56.8	0.0348	0.0633	0.000525	12.2	0.0427	4.5	0.00000525	0.00734	0.000573	0.00525	0.0144	0.0000105	8.13	0.00000279	0.0000614	0.000213	0.000519	0.0481	0.00000263	1.6	0.00199	1.74	0.0257	0.00029	1.16	0.00145	0.00491	0.000055	0.0000539	0.0000265	0.0635	0.00000525	0.0000787	0.000263	0.00162
2063 Jul	57	0.0349	0.0633	0.000529	12.2	0.043	4.53	0.00000529	0.00736	0.000575	0.00529	0.0144	0.0000106	8.16	0.00000281	0.0000618	0.000214	0.000521	0.0482	0.00000264	1.61	0.002	1.75	0.0257	0.00029	1.17	0.00145	0.00492	0.0000555	0.0000542	0.0000267	0.0636	0.00000529	0.0000788	0.000264	0.00163
2063 Aug	57.7	0.0353	0.0643	0.000532	12.4	0.0433	4.56	0.00000532	0.00744	0.000581	0.00532	0.0146	0.0000106	8.25	0.00000282	0.0000622	0.000216	0.000526	0.0488	0.00000266	1.62	0.00202	1.76	0.0261	0.000295	1.18	0.00147	0.00498	0.0000554	0.0000545	0.0000269	0.0644	0.00000532	0.0000799	0.000266	0.00164
2063 Sep	57.4	0.0352	0.064	0.00053	12.3	0.0431	4.54	0.00000529	0.00741	0.000579	0.00529	0.0145	0.0000106	8.21	0.00000281	0.0000619	0.000215	0.000524	0.0487	0.00000265	1.62	0.00202	1.75	0.026	0.000293	1.17	0.00146	0.00496	0.0000548	0.0000543	0.0000267	0.0642	0.00000529	0.0000796	0.000265	0.00163
2063 Oct	57.1	0.0349	0.0635	0.000528	12.2	0.0429	4.52	0.00000528	0.00737	0.000575	0.00528	0.0144	0.0000106	8.16	0.0000028	0.0000617	0.000214	0.000521	0.0483	0.00000264	1.61	0.002	1.75	0.0258	0.000291	1.16	0.00145	0.00493	0.0000548	0.0000541	0.0000267	0.0637	0.00000528	0.0000789	0.000264	0.00162
2063 Nov	56.8	0.0347	0.063	0.000528	12.2	0.0428	4.51	0.00000527	0.00733	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000213	0.000518	0.0479	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000551	0.0000541	0.0000266	0.0633	0.00000527	0.0000784	0.000264	0.00162
2063 Dec	56.7	0.0346	0.0629	0.000528	12.2	0.0428	4.51	0.00000527	0.00732	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000212	0.000518	0.0479	0.00000264	1.6	0.00199	1.74	0.0255	0.000288	1.16	0.00145	0.00489	0.0000552	0.0000541	0.0000266	0.0632	0.00000527	0.0000783	0.000264	0.00162
2064 Jan	56.7	0.0346	0.0628	0.000528	12.2	0.0428	4.51	0.00000527	0.00732	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000212	0.000518	0.0479	0.00000264	1.6	0.00199	1.74	0.0255	0.000288	1.16	0.00145	0.00489	0.0000552	0.0000541	0.0000266	0.0632	0.00000527	0.0000783	0.000264	0.00162
2064 Feb	56.7	0.0346	0.0628	0.000528	12.2	0.0428	4.51	0.00000527	0.00732	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000212	0.000518	0.0479	0.00000264	1.6	0.00199	1.74	0.0255	0.000288	1.16	0.00145	0.00489	0.0000552	0.0000541	0.0000266	0.0632	0.00000527	0.0000783	0.000264	0.00162
2064 Mar	56.7	0.0346	0.0629	0.000528	12.2	0.0428	4.51	0.00000527	0.00732	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000212	0.000518	0.0479	0.00000264	1.6	0.00199	1.74	0.0255	0.000288	1.16	0.00145	0.00489	0.0000552	0.0000541	0.0000266	0.0632	0.00000527	0.0000783	0.000264	0.00162
2064 Apr	56.8	0.0347	0.063	0.000528	12.2	0.0429	4.52	0.00000528	0.00734	0.000573	0.00528	0.0144	0.0000106	8.13	0.0000028	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000552	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00162
2064 May	57.2	0.0349	0.0635	0.000531	12.3	0.0431	4.54	0.0000053	0.00739	0.000577	0.0053	0.0145	0.0000106	8.18	0.00000282	0.000062	0.000214	0.000522	0.0483	0.00000265	1.61	0.002	1.75	0.0258	0.000291	1.17	0.00146	0.00493	0.0000554	0.0000544	0.0000268	0.0638	0.0000053	0.000079	0.000265	0.00163
2064 Jun	56.8	0.0348	0.0632	0.000525	12.2	0.0427	4.49	0.00000525	0.00734	0.000572	0.00525	0.0143	0.0000105	8.12	0.00000279	0.0000614	0.000213	0.000518	0.0481	0.00000262	1.6	0.00199	1.74	0.0257	0.00029	1.16	0.00145	0.0049	0.0000548	0.0000538	0.0000265	0.0634	0.00000525	0.0000786	0.000262	0.00161
2064 Jul	57	0.0348	0.0632	0.000529	12.2	0.0429	4.52	0.00000528	0.00736	0.000574	0.00528	0.0144	0.0000106	8.15	0.00000281	0.0000617	0.000213	0.00052	0.0481	0.00000264	1.61	0.002	1.75	0.0257	0.00029	1.16	0.00145	0.00492	0.0000553	0.0000542	0.0000267	0.0636	0.00000528	0.0000787	0.000264	0.00163
2064 Aug	57.6	0.0353	0.0642	0.000531	12.4	0.0432	4.55	0.00000531	0.00744	0.000581	0.00531	0.0145	0.0000106	8.24	0.00000282	0.0000622	0.000216	0.000525	0.0488	0.00000266	1.62	0.00202	1.76	0.0261	0.000294	1.17	0.00147	0.00498	0.0000551	0.0000545	0.0000268	0.0643	0.00000531	0.0000798	0.000266	0.00163
2064 Sep	57.3	0.0351	0.0639	0.000528	12.3	0.043	4.53	0.00000528	0.0074	0.000578	0.00528	0.0145	0.0000106	8.19	0.0000028	0.0000618	0.000215	0.000523	0.0486	0.00000264	1.61	0.00201	1.75	0.026	0.000293	1.17	0.00146	0.00495	0.0000545	0.0000541	0.0000267	0.064	0.00000528	0.0000794	0.000264	0.00162
2064 Oct	56.8	0.0347	0.0632	0.000526	12.2	0.0427	4.5	0.00000526	0.00734	0.000573	0.00526	0.0144	0.0000105	8.13	0.00000279	0.0000615	0.000213	0.000518	0.0481	0.00000263	1.6	0.00199	1.74	0.0257	0.00029	1.16	0.00145	0.00491	0.0000544	0.0000539	0.0000266	0.0634	0.00000526	0.0000786	0.000263	0.00162
2064 Nov	56.4	0.0344	0.0625	0.000526	12.1	0.0426	4.49	0.00000525	0.00729	0.000569	0.00525	0.0143	0.0000105	8.08	0.00000279	0.0000613	0.000211	0.000516	0.0476	0.00000263	1.59	0.00198	1.73	0.0254	0.000287	1.16	0.00144	0.00487	0.0000549	0.0000539	0.0000266	0.0629	0.00000525	0.0000779	0.000263	0.00162
2064 Dec	56.4	0.0344	0.0624	0.000526	12.1	0.0426	4.49	0.00000525	0.00728	0.000568	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000613	0.000211	0.000515	0.0475	0.00000263	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00144	0.00486	0.0000551	0.0000539	0.0000266	0.0628	0.00000525	0.0000778	0.000263	0.00162
2065 Jan	56.4	0.0344	0.0624	0.000526	12.1	0.0426	4.49	0.00000525	0.00728	0.000568	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000613	0.000211	0.000515	0.0475	0.00000263	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00144	0.00486	0.0000551	0.0000539	0.0000266	0.0628	0.00000525	0.0000777	0.000263	0.00162
2065 Feb	56.4	0.0344	0.0624	0.000526	12.1	0.0426	4.49	0.00000525	0.00728	0.000568	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000613	0.000211	0.000515	0.0475	0.00000263	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00144	0.00486	0.0000551	0.0000539	0.0000266	0.0628	0.00000525	0.0000777	0.000263	0.00162
2065 Mar	56.4	0.0344	0.0624	0.000526	12.1	0.0426	4.49	0.00000525	0.00728	0.000568	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000613	0.000211	0.000515	0.0475	0.00000263	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00144	0.00486	0.0000551	0.0000539	0.0000266	0.0628	0.00000525	0.0000777	0.000263	0.00162
2065 Apr	56.5	0.0345	0.0625	0.000526	12.1	0.0426	4.49	0.00000526	0.0073	0.000569	0.00526	0.0143	0.0000105	8.08	0.00000279	0.0000614	0.000211	0.000516	0.0476	0.00000263	1.59	0.00198	1.73	0.0254	0.000287	1.16	0.00144	0.00487	0.0000551	0.0000539	0.0000266	0.0629	0.00000526	0.0000779	0.000263	0.00162
2065 May	56.8	0.0347	0.063	0.000529	12.2	0.0429	4.52	0.00000528	0.00734	0.000573	0.00528	0.0144	0.0000106	8.13	0.00000281	0.0000617	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000553	0.0000542	0.0000267	0.0634	0.00000528	0.0000785	0.000264	0.00163
2065 Jun	56.5	0.0346	0.0628	0.000523	12.1	0.0425	4.47	0.00000523	0.00731	0.00057	0.00523	0.0143	0.0000105	8.08	0.00000278	0.0000611	0.000212	0.000516	0.0478	0.00000261	1.59	0.00198	1.73	0.0256	0.000288	1.15	0.00144	0.00488	0.000055	0.0000536	0.0000264	0.0631	0.00000523	0.0000782	0.000261	0.00161
2065 Jul	56.7	0.0347	0.0629	0.000527	12.2	0.0428	4.51	0.00000527	0.00733	0.000572	0.00527	0.0143	0.0000105	8.11	0.0000028	0.0000615	0.000212	0.000518	0.0479	0.00000263	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.0000557	0.0000541	0.0000266	0.0633	0.00000527	0.0000784	0.000263	0.00162
2065 Aug	57.4	0.0351	0.0639	0.00053	12.3	0.0431	4.54	0.0000053	0.00742	0.000578	0.0053	0.0145	0.0000106	8.21	0.00000282	0.000062	0.000215	0.000524	0.0486	0.00000265	1.62	0.00201	1.75	0.026	0.000293	1.17	0.00146	0.00496	0.0000556	0.0000544	0.0000268	0.0641	0.0000053	0.0000795	0.000265	0.00163
2065 Sep	57.2	0.0351	0.0638	0.000528	12.3	0.043	4.52	0.00000528	0.0074	0.000577	0.00528	0.0144	0.0000106	8.18	0.0000028	0.0000618	0.000215	0.000522	0.0485	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00495	0.0000551	0.0000541	0.0000267	0.0639	0.00000528	0.0000793	0.000264	0.00162
2065 Oct	56.9	0.0348	0.0632	0.000527	12.2	0.0428	4.5	0.00000526	0.00735	0.000573	0.00526	0.0144	0.0000105	8.13	0.0000028	0.0000615	0.000213	0.000519	0.0481	0.00000263	1.6	0.00199	1.74	0.0257	0.00029	1.16	0.00145	0.00491	0.0000551	0.000054	0.0000266	0.0635	0.00000526	0.0000787	0.000263	0.00162
2065 Nov	56.6	0.0345	0.0627	0.000526	12.1	0.0426	4.49	0.00000526	0.00732	0.00057	0.00526	0.0143	0.0000105	8.09	0.0000028	0.0000614	0.000212	0.000517	0.0478	0.00000263	1.59	0.00198	1.73	0.0255	0.000288	1.16	0.00144	0.00488	0.0000555	0.000054	0.0000266	0.0631	0.00000526	0.0000781	0.000263	0.00162
2065 Dec	56.5	0.0345	0.0626	0.000526	12.1	0.0426	4.49	0.00000526	0.00731	0.00057	0.00526	0.0143	0.0000105	8.09	0.0000028	0.0000614	0.000212	0.000516	0.0477	0.00000263	1.59	0.00198	1.73	0.0255	0.000287	1.16	0.00144	0.00488	0.0000556	0.000054	0.0000266	0.063	0.00000526	0.000078	0.000263	0.00162
2066 Jan	56.5	0.0345	0.0626	0.000526	12.1	0.0426	4.49	0.00000526	0.00731	0.00057	0.00526	0.0143	0.0000105	8.08	0.0000028	0.0000614	0.000212	0.000516	0.0477	0.00000263	1.59	0.00198	1.73	0.0254	0.000287	1.16	0.00144	0.00487	0.0000556	0.000054	0.0000266	0.063	0.00000526	0.000078	0.000263	0.00162
2066 Feb	56.5	0.0345	0.0626	0.000526	12.1	0.0426	4.49	0.00000526	0.00731	0.00057	0.00526	0.0143	0.0000105	8.08	0.0000028	0.0000614	0.000212	0.000516	0.0477	0.00000263	1.59	0.00198	1.73	0.0254	0.000287	1.16	0.00144	0.00487	0.0000556	0.000054	0.0000266	0.063	0.00000526	0.000078	0.000263	0.00162

Appendix C9: WTS Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	56.5	0.0345	0.0626	0.000526	12.1	0.0426	4.49	0.00000526	0.00731	0.00057	0.00526	0.0143	0.0000105	8.09	0.0000028	0.0000614	0.000212	0.000516	0.0477	0.00000263	1.59	0.00198	1.73	0.0255	0.000287	1.16	0.00144	0.00488	0.0000556	0.000054	0.0000266	0.063	0.00000526	0.000078	0.000263	0.00162
2066 Apr	56.6	0.0346	0.0628	0.000527	12.1	0.0427	4.5	0.00000526	0.00732	0.000571	0.00526	0.0143	0.0000105	8.1	0.0000028	0.0000615	0.000212	0.000517	0.0478	0.00000263	1.6	0.00198	1.74	0.0255	0.000288	1.16	0.00144	0.00489	0.0000556	0.000054	0.0000266	0.0631	0.00000526	0.0000782	0.000263	0.00162
2066 May	57	0.0348	0.0633	0.000529	12.2	0.0429	4.52	0.00000529	0.00737	0.000574	0.00529	0.0144	0.0000106	8.15	0.00000281	0.0000618	0.000213	0.00052	0.0482	0.00000264	1.61	0.002	1.75	0.0257	0.00029	1.16	0.00145	0.00492	0.0000558	0.0000543	0.0000267	0.0636	0.00000529	0.0000788	0.000264	0.00163
2066 Jun	56.6	0.0346	0.063	0.000523	12.1	0.0425	4.48	0.00000523	0.00732	0.00057	0.00523	0.0143	0.0000105	8.09	0.00000278	0.0000612	0.000212	0.000517	0.0479	0.00000262	1.59	0.00199	1.73	0.0256	0.000289	1.15	0.00144	0.00489	0.0000553	0.0000537	0.0000265	0.0632	0.00000523	0.0000784	0.000262	0.00161
2066 Jul	56.8	0.0347	0.063	0.000527	12.2	0.0428	4.51	0.00000527	0.00734	0.000572	0.00527	0.0144	0.0000105	8.12	0.0000028	0.0000616	0.000213	0.000519	0.048	0.00000263	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.00491	0.0000559	0.0000541	0.0000266	0.0633	0.00000527	0.0000785	0.000264	0.00162
2066 Aug	57.4	0.0352	0.064	0.00053	12.3	0.0431	4.54	0.0000053	0.00743	0.000579	0.0053	0.0145	0.0000106	8.21	0.00000282	0.000062	0.000215	0.000524	0.0487	0.00000265	1.62	0.00202	1.75	0.026	0.000293	1.17	0.00146	0.00497	0.0000558	0.0000544	0.0000268	0.0642	0.0000053	0.0000796	0.000265	0.00163
2066 Sep	57.2	0.0351	0.0638	0.000527	12.3	0.0429	4.52	0.00000527	0.0074	0.000576	0.00527	0.0144	0.0000105	8.18	0.0000028	0.0000617	0.000214	0.000522	0.0485	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.16	0.00146	0.00495	0.0000552	0.0000541	0.0000267	0.0639	0.00000527	0.0000793	0.000264	0.00162
2066 Oct	56.7	0.0347	0.0631	0.000525	12.2	0.0427	4.49	0.00000525	0.00734	0.000572	0.00525	0.0143	0.0000105	8.11	0.00000279	0.0000614	0.000213	0.000518	0.048	0.00000263	1.6	0.00199	1.74	0.0257	0.000289	1.16	0.00145	0.0049	0.0000551	0.0000539	0.0000266	0.0633	0.00000525	0.0000785	0.000263	0.00162
2066 Nov	56.4	0.0344	0.0625	0.000525	12.1	0.0425	4.48	0.00000525	0.00729	0.000568	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000612	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.73	0.0254	0.000287	1.15	0.00144	0.00487	0.0000556	0.0000538	0.0000265	0.0629	0.00000525	0.0000779	0.000262	0.00161
2066 Dec	56.3	0.0344	0.0623	0.000525	12.1	0.0425	4.48	0.00000525	0.00728	0.000568	0.00525	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000558	0.0000538	0.0000265	0.0628	0.00000525	0.0000777	0.000262	0.00161
2067 Jan	56.3	0.0344	0.0623	0.000525	12.1	0.0425	4.48	0.00000525	0.00728	0.000568	0.00525	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000558	0.0000538	0.0000265	0.0628	0.00000525	0.0000777	0.000262	0.00161
2067 Feb	56.3	0.0344	0.0623	0.000525	12.1	0.0425	4.48	0.00000525	0.00728	0.000568	0.00525	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000558	0.0000538	0.0000265	0.0628	0.00000525	0.0000777	0.000262	0.00162
2067 Mar	56.3	0.0344	0.0623	0.000525	12.1	0.0425	4.48	0.00000525	0.00728	0.000568	0.00525	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000558	0.0000538	0.0000265	0.0628	0.00000525	0.0000777	0.000262	0.00162
2067 Apr	56.4	0.0344	0.0625	0.000525	12.1	0.0426	4.49	0.00000525	0.0073	0.000569	0.00525	0.0143	0.0000105	8.07	0.00000279	0.0000613	0.000211	0.000516	0.0476	0.00000263	1.59	0.00198	1.73	0.0254	0.000287	1.15	0.00144	0.00487	0.0000558	0.0000539	0.0000266	0.0629	0.00000525	0.0000779	0.000263	0.00162
2067 May	56.8	0.0347	0.063	0.000528	12.2	0.0428	4.51	0.00000528	0.00735	0.000572	0.00528	0.0144	0.0000106	8.12	0.00000281	0.0000616	0.000213	0.000519	0.048	0.00000264	1.6	0.00199	1.74	0.0256	0.000289	1.16	0.00145	0.0049	0.000056	0.0000541	0.0000267	0.0633	0.00000528	0.0000784	0.000264	0.00162
2067 Jun	56.4	0.0345	0.0628	0.000522	12.1	0.0424	4.47	0.00000522	0.00731	0.000569	0.00522	0.0142	0.0000104	8.07	0.00000278	0.0000611	0.000211	0.000515	0.0478	0.00000261	1.59	0.00198	1.73	0.0255	0.000288	1.15	0.00144	0.00488	0.0000556	0.0000536	0.0000264	0.063	0.00000522	0.0000781	0.000261	0.00161
2067 Jul	56.6	0.0346	0.0629	0.000526	12.1	0.0427	4.5	0.00000526	0.00733	0.000571	0.00526	0.0143	0.0000105	8.1	0.0000028	0.0000615	0.000212	0.000518	0.0479	0.00000263	1.6	0.00198	1.74	0.0256	0.000288	1.16	0.00144	0.0049	0.0000563	0.000054	0.0000266	0.0632	0.00000526	0.0000783	0.000263	0.00162
2067 Aug	57.3	0.0351	0.0638	0.000529	12.3	0.043	4.53	0.00000529	0.00741	0.000577	0.00529	0.0145	0.0000106	8.19	0.00000281	0.0000619	0.000215	0.000523	0.0486	0.00000264	1.61	0.00201	1.75	0.026	0.000293	1.17	0.00146	0.00496	0.0000561	0.0000543	0.0000267	0.064	0.00000529	0.0000794	0.000264	0.00163
2067 Sep	57	0.035	0.0636	0.000526	12.2	0.0428	4.51	0.00000526	0.00738	0.000575	0.00526	0.0144	0.0000105	8.16	0.0000028	0.0000616	0.000214	0.000521	0.0484	0.00000263	1.61	0.002	1.74	0.0259	0.000292	1.16	0.00145	0.00494	0.0000556	0.000054	0.0000266	0.0637	0.00000526	0.0000791	0.000263	0.00162
2067 Oct	56.6	0.0346	0.063	0.000524	12.1	0.0426	4.48	0.00000524	0.00733	0.000571	0.00524	0.0143	0.0000105	8.09	0.00000279	0.0000613	0.000212	0.000517	0.0479	0.00000262	1.59	0.00199	1.73	0.0256	0.000289	1.15	0.00144	0.00489	0.0000555	0.0000538	0.0000265	0.0632	0.00000524	0.0000783	0.000262	0.00161
2067 Nov	56.3	0.0344	0.0623	0.000524	12.1	0.0424	4.47	0.00000524	0.00728	0.000567	0.00524	0.0142	0.0000105	8.05	0.00000279	0.0000611	0.000211	0.000514	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000561	0.0000538	0.0000265	0.0627	0.00000524	0.0000777	0.000262	0.00161
2067 Dec	56.2	0.0343	0.0622	0.000524	12	0.0424	4.47	0.00000524	0.00727	0.000566	0.00524	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.73	0.0253	0.000285	1.15	0.00143	0.00485	0.0000562	0.0000538	0.0000265	0.0626	0.00000524	0.0000776	0.000262	0.00161
2068 Jan	56.2	0.0343	0.0622	0.000524	12	0.0424	4.47	0.00000524	0.00727	0.000566	0.00524	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.73	0.0253	0.000285	1.15	0.00143	0.00485	0.0000562	0.0000538	0.0000265	0.0626	0.00000524	0.0000775	0.000262	0.00161
2068 Feb	56.2	0.0343	0.0622	0.000524	12	0.0424	4.47	0.00000524	0.00727	0.000566	0.00524	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.73	0.0253	0.000285	1.15	0.00143	0.00485	0.0000562	0.0000538	0.0000265	0.0626	0.00000524	0.0000775	0.000262	0.00161
2068 Mar	56.2	0.0343	0.0622	0.000524	12	0.0424	4.47	0.00000524	0.00727	0.000566	0.00524	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.73	0.0253	0.000285	1.15	0.00143	0.00485	0.0000562	0.0000538	0.0000265	0.0626	0.00000524	0.0000775	0.000262	0.00161
2068 Apr	56.3	0.0344	0.0624	0.000525	12.1	0.0425	4.48	0.00000524	0.00729	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0254	0.000286	1.15	0.00143	0.00486	0.0000562	0.0000538	0.0000265	0.0628	0.00000524	0.0000778	0.000262	0.00161
2068 May	56.7	0.0346	0.0629	0.000527	12.2	0.0427	4.5	0.00000527	0.00734	0.000571	0.00527	0.0143	0.0000105	8.11	0.00000281	0.0000615	0.000212	0.000518	0.0479	0.00000263	1.6	0.00199	1.74	0.0256	0.000288	1.16	0.00144	0.0049	0.0000564	0.0000541	0.0000267	0.0632	0.00000527	0.0000783	0.000263	0.00162
2068 Jun	56.3	0.0345	0.0627	0.000521	12.1	0.0423	4.46	0.00000521	0.0073	0.000568	0.00521	0.0142	0.0000104	8.05	0.00000278	0.000061	0.000211	0.000515	0.0477	0.00000261	1.59	0.00198	1.72	0.0255	0.000287	1.15	0.00143	0.00487	0.000056	0.0000535	0.0000264	0.0629	0.00000521	0.000078	0.000261	0.00161
2068 Jul	56.5	0.0346	0.0628	0.000525	12.1	0.0426	4.49	0.00000525	0.00732	0.00057	0.00525	0.0143	0.0000105	8.09	0.0000028	0.0000614	0.000212	0.000517	0.0478	0.00000263	1.59	0.00198	1.73	0.0255	0.000288	1.16	0.00144	0.00489	0.0000567	0.0000539	0.0000266	0.0631	0.00000525	0.0000782	0.000263	0.00162
2068 Aug	57.2	0.035	0.0637	0.000529	12.3	0.043	4.52	0.00000529	0.00741	0.000576	0.00529	0.0144	0.0000106	8.18	0.00000281	0.0000618	0.000214	0.000522	0.0485	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00495	0.0000566	0.0000543	0.0000267	0.0639	0.00000529	0.0000793	0.000264	0.00163
2068 Sep	57	0.035	0.0636	0.000526	12.2	0.0428	4.5	0.00000526	0.00738	0.000575	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000615	0.000214	0.000521	0.0484	0.00000263	1.6	0.002	1.74	0.0259	0.000292	1.16	0.00145	0.00494	0.0000559	0.000054	0.0000266	0.0637	0.00000526	0.0000791	0.000263	0.00162
2068 Oct	56.5	0.0346	0.0629	0.000524	12.1	0.0425	4.48	0.00000524	0.00733	0.00057	0.00524	0.0143	0.0000105	8.09	0.00000279	0.0000612	0.000212	0.000517	0.0479	0.00000262	1.59	0.00198	1.73	0.0256	0.000288	1.15	0.00144	0.00489	0.0000559	0.0000538	0.0000265	0.0631	0.00000524	0.0000783	0.000262	0.00161
2068 Nov	56.2	0.0343	0.0623	0.000523	12	0.0424	4.47	0.00000523	0.00728	0.000567	0.00523	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0475	0.00000262	1.58	0.00197	1.72	0.0253	0.000286	1.15	0.00143	0.00486	0.0000564	0.0000537	0.0000265	0.0627	0.00000523	0.0000777	0.000262	0.00161
2068 Dec	56.1	0.0343	0.0622	0.000523	12	0.0424	4.47	0.00000523	0.00727	0.000566	0.00523	0.0142	0.0000105	8.03	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.72	0.0253	0.000285	1.15	0.00143	0.00485	0.0000565	0.0000537	0.0000265	0.0626	0.00000523	0.0000775	0.000262	0.00161
2069 Jan	56.1	0.0343	0.0622	0.000523	12	0.0424	4.47	0.00000523	0.00727	0.000566	0.00523	0.0142	0.0000105	8.03	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.72	0.0253	0.000285	1.15	0.00143	0.00485	0.0000565	0.0000537	0.0000265	0.0626	0.00000523	0.0000775	0.000262	0.00161
2069 Feb	56.1	0.0343	0.0622	0.000523	12	0.0424	4.47	0.00000523	0.00727	0.000566	0.00523	0.0142	0.0000105	8.03	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.72	0.0253	0.000285	1.15	0.00143	0.00485	0.0000565	0.0000537	0.0000265	0.0626	0.00000523	0.0000775	0.000262	0.00161
2069 Mar	56.1	0.0343	0.0622	0.000523	12	0.0424	4.47	0.00000523	0.00727	0.000566	0.00523	0.0142	0.0000105	8.03	0.00000279	0.0000611	0.00021	0.000514	0.0474	0.00000262	1.58	0.00197	1.72	0.0253	0.000285	1.15	0.00143	0.00485	0.0000565	0.0000537	0.0000265	0.0626	0.00000523	0.0000775	0.000262	0.00161
2069 Apr	56.3	0.0344	0.0624	0.000524	12.1	0.0424	4.47	0.00000524	0.00729	0.000567	0.00524	0.0142	0.0000105	8.05	0.00000279	0.0000612	0.000211	0.000515	0.0475	0.00000262	1.59	0.00197	1.73	0.0253	0.000286	1.15	0.00143	0.00486	0.0000565	0.0000538	0.0000265	0.0627	0.00000524	0.0000777	0.000262	0.00161
2069 May	56.6	0.0346	0.0628	0.000526	12.1	0.0427	4.49	0.00000526	0.00734	0.000571	0.00526	0.0143	0.0000105	8.1	0.00000281	0.0000615	0.000212	0.000518	0.0479	0.00000263	1.59	0.00198	1.73	0.0255	0.000288	1.16	0.00144	0.00489	0.0000567	0.000054	0.0000266	0.0631	0.00000526	0.0000783	0.000263	0.00162
2069 Jun	56.3	0.0345	0.0627	0.000521	12.1	0.0423	4.45	0.00000521	0.0073	0.000567	0.00521	0.0142	0.0000104	8.05	0.00000278	0.0000609	0.000211	0.000514	0.0477	0.0000026	1.58	0.00198	1.72	0.0255	0.000287	1.15	0.00143	0.00487	0.0000563	0.0000535	0.0000264	0.0628	0.00000521	0.000078	0.00026	0.0016
2069 Jul	56.5	0.0346	0.0627	0.000525	12.1	0.0426	4.49	0.00000525	0.00732	0.00057	0.00525	0.0143	0.0000105	8.08	0.0000028	0.0000613	0.000212	0.000517	0.0478	0.00000263	1.59	0.00198	1.73	0.0255	0.000288	1.15	0.00144	0.00489	0.0000569	0.0000539	0.0000266	0.063	0.00000525	0.0000782	0.000263	0.00162
2069 Aug	57.2	0.0351	0.0638	0.000528	12.3	0.0429	4.52	0.00000528	0.00741	0.000576	0.00528	0.0144	0.0000106	8.18	0.00000281	0.0000618	0.000214	0.000523	0.0485	0.00000264	1.61	0.00201	1.75	0.0259	0.000292	1.17	0.00146	0.00495	0.0000568	0.0000542	0.0000267	0.0639	0.00000528	0.0000793	0.000264	0.00163
2069 Sep	57	0.035	0.0637	0.000526	12.2	0.0428	4.51	0.00000526	0.00739	0.000575	0.00526	0.0144	0.0000105	8.15	0.0000028	0.0000616	0.000214	0.000521	0.0484	0.00000263	1.6	0.002	1.74	0.0259	0.000292	1.16	0.00145	0.00494	0.0000562	0.000054	0.0000266	0.0637	0.00000526	0.0000791	0.000263	0.00162
2069 Oct	56.7	0.0347	0.0631	0.000525	12.1	0.0426	4.49	0.00000525	0.00734	0.000571	0.00525	0.0143	0.0000105	8.1	0.00000279	0.0000613	0.000212	0.000518	0.048	0.00000262	1.6	0.00199	1.73	0.0257	0.000289	1.16	0.00144	0.00491	0.0000562	0.0000539	0.0000266	0.0633	0.00000525	0.0000785	0.000262	0.00162
2069 Nov	56.4	0.0345	0.0626	0.000524	12.1	0.0425	4.48	0.00000524	0.00731	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000516	0.0477	0.00000262	1.59	0.00198	1.73	0.0254	0.000287	1.15	0.00144	0.00488	0.0000566	0.0000538	0.0000265	0.0629	0.00000524	0.000078	0.000262	0.00161
2069 Dec	56.3	0.0344	0.0625	0.000524	12.1	0.0425	4.48	0.00000524	0.0073	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.73	0.0254	0.000287	1.15	0.00143	0.00487	0.0000567	0.0000538	0.0000265	0.0628	0.00000524	0.0000779	0.000262	0.00161
2070 Jan	56.3	0.0344	0.0625	0.000524	12.1	0.0425	4.47	0.00000524	0.0073	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.73	0.0254	0.000287	1.15	0.00143	0.00487	0.0000567	0.0000538	0.0000265	0.0628	0.00000524	0.0000778	0.000262	0.00161
2070 Feb	56.3	0.0344	0.0625	0.000524	12.1	0.0425	4.48	0.00000524	0.0073	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.73	0.0254	0.000287	1.15	0.00143	0.00487	0.0000567	0.0000538	0.0000265	0.0628	0.00000524	0.0000778	0.000262	0.00161
2070 Mar	56.3	0.0344	0.0625	0.000524	12.1	0.0425	4.48	0.00000524	0.0073	0.000568	0.00524	0.0142	0.0000105	8.06	0.00000279	0.0000612	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.73	0.0254	0.000287	1.15	0.00143	0.00487	0.0000567	0.0000538	0.0000265	0.0628	0.00000524	0.0000778	0.000262	0.00162
2070 Apr	56.4	0.0345	0.0626	0.000525	12.1	0.0425	4.48	0.00000525	0.00732	0.000569	0.00525	0.0143	0.0000105	8.07	0.0000028	0.0000613	0.000211	0.000516	0.0477	0.00000262	1.59	0.00198	1.73	0.0255	0.000287	1.15	0.00144	0.00488	0.0000567	0.0000539	0.0000266	0.063	0.00000525	0.000078	0.000262	0.00162
2070 May	56.8	0.0347	0.0631	0.000527	12.2	0.0428	4.5	0.00000527	0.00736	0.000573	0.00527	0.0143	0.0000105	8.12	0.00000281	0.0000616	0.000213	0.000519	0.0481	0.00000264	1.6	0.00199	1.74	0.0257	0.000289	1.16	0.00145	0.00491	0.0000569	0.0000541	0.0000267	0.0634	0.00000527	0.0000786	0.000264	0.00162
2070 Jun	56.4	0.0346	0.0629	0.000522	12.1	0.0424	4.46	0.00000522	0.00732	0.000569	0.00522	0.0142	0.0000104	8.07	0.00000278	0.000061	0.000212	0.000516	0.0479	0.00000261	1.59	0.00198	1.72	0.0256	0.000288	1.15	0.00144	0.00489	0.0000562	0.0000536	0.0000264	0.063	0.00000522	0.0000782	0.000261	0.00161
2070 Jul	56.7	0.0347	0.063	0.000526	12.1	0.0426	4.49	0.00000526	0.00734	0.000571	0.00526	0.0143	0.0000105	8.1	0.0000028	0.0000614	0.000212	0.000518	0.0479	0.00000263	1.6	0.00199	1.73	0.0256	0.000289	1.16	0.00144	0.00491	0.0000568	0.000054	0.0000266	0.0632	0.00000526	0.0000784	0.000263	0.00162
2070 Aug	57.3	0.0351	0.0639	0.000529	12.3	0.043	4.53	0.00000529	0.00742	0.000578	0.00529	0.0145	0.0000106	8.19	0.00000282	0.0000619	0.000215	0.000523	0.0486	0.00000264	1.61	0.00201	1.75	0.026	0.000293	1.17	0.00146	0.00497	0.0000566	0.0000543	0.0000268	0.064	0.00000529	0.0000795	0.000264	0.00163
2070 Sep	57.1	0.035	0.0637	0.000526	12.2	0.0428	4.51	0.00000526	0.00739	0.000575	0.00526	0.0144	0.0000105	8.16	0.0000028	0.0000616	0.000214	0.000521	0.0485	0.00000263	1.61	0.00201	1.74	0.0259	0.000292	1.16	0.00145	0.00495	0.0000559	0.000054	0.0000266	0.0638	0.00000526	0.0000792	0.000263	0.00162
2070 Oct	56.6	0.0347	0.063	0.000524	12.1	0.0425	4.48	0.00000524	0.00734	0.000571	0.00524	0.0143	0.0000105	8.09	0.00000279	0.0000613	0.000212	0.000517	0.048	0.00000262	1.59	0.00199	1.73	0.0256	0.000289	1.15	0.00144	0.0049	0.0000558	0.0000538	0.0000265	0.0632	0.00000524	0.0000784	0.000262	0.00161
2070 Nov	56.3	0.0344	0.0624	0.000524	12.1	0.0424	4.47	0.00000524	0.00729	0.000567	0.00524	0.0142	0.0000105	8.05	0.00000279	0.0000611	0.000211	0.000515	0.0476	0.00000262	1.59	0.00197	1.72	0.0254	0.000286	1.15	0.00143	0.00487	0.0000563	0.0000538	0.0000265	0.0628	0.00000524	0.0000778	0.000262	0.00161
2070 Dec	56.2	0.0343	0.0623	0.000524	12	0.0424	4.47	0.00000523	0.00728	0.000567	0.00523	0.0142	0.0000105	8.04	0.00000279	0.0000611	0.00021	0.000514	0.0475	0.00000262	1.58	0.00197	1.72	0.0253	0.000286	1.15	0.00143	0.00486	0.0000564	0.0000538	0.0000265	0.0627	0.00000523	0.0000776	0.000262	0.00161

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	127	0.336	0.927	0.0396	27.2	0.0871	28.8	0.0000116	0.0105	0.00454	0.0146	0.0366	0.0000754	24.6	0.00000787	0.000403	0.000455	0.00104	0.0672	0.00000632	3.99	0.00399	5.62	0.129	0.00235	3.17	0.0105	0.00638	0.000101	0.00107	0.000203	0.149	0.0000124	0.000598	0.00203	0.00387
Operation (2023 to 2025): Average	133	0.421	1.11	0.0458	28.7	0.0947	32.5	0.0000122	0.0149	0.0101	0.0172	0.0381	0.0000799	25.8	0.0000082	0.000514	0.000536	0.00124	0.0998	0.00000761	4.52	0.00426	6.39	0.134	0.00377	3.77	0.015	0.00924	0.000107	0.00179	0.000262	0.165	0.0000172	0.00063	0.00217	0.00409
Operation (2023 to 2025): Max	139	0.476	1.36	0.0513	32.3	0.101	36	0.0000128	0.0174	0.0133	0.024	0.0394	0.0000891	27.1	0.00000877	0.000773	0.000752	0.00135	0.119	0.00000866	5.65	0.00501	7.02	0.141	0.00451	5.39	0.018	0.0107	0.000116	0.00313	0.000303	0.207	0.0000269	0.000667	0.00229	0.00429
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Active Closure (2026 to Sept. 2042): Min	128	0.092	0.538	0.00997	27.2	0.0652	15.5	0.00000605	0.00897	0.00152	0.00622	0.0328	0.0000156	19.8	0.00000385	0.000121	0.000177	0.000707	0.0478	0.00000319	3.85	0.00341	4.56	0.0566	0.00124	2.73	0.0029	0.00552	0.0000408	0.000289	0.000167	0.137	0.00000609	0.000225	0.000402	0.00185
Active Closure (2026 to Sept. 2042): Average	147	0.199	0.677	0.0203	30.6	0.0759	20.7	0.00000783	0.0115	0.0041	0.00875	0.0347	0.0000347	21.6	0.00000513	0.000206	0.000261	0.000886	0.069	0.00000478	3.92	0.00361	5.13	0.0796	0.00217	2.88	0.00661	0.00708	0.0000609	0.000523	0.000198	0.142	0.00000803	0.000352	0.000943	0.00252
Active Closure (2026 to Sept. 2042): Max	156	0.45	0.983	0.0444	32.3	0.0998	33	0.0000119	0.017	0.0102	0.0146	0.0386	0.0000798	25.6	0.00000809	0.000404	0.000458	0.00129	0.118	0.00000841	4.01	0.00401	6.41	0.133	0.00435	3.19	0.0153	0.0107	0.000108	0.00107	0.000269	0.15	0.0000125	0.000644	0.00221	0.00405
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Post Closure (Oct. 2042 to 2070): Min	88.3	0.0919	0.185	0.0035	19.2	0.0568	14.2	0.00000608	0.00905	0.00162	0.00623	0.0202	0.0000466	13.9	0.00000387	0.00012	0.000177	0.000711	0.0449	0.00000321	2.65	0.00344	2.89	0.0568	0.000801	1.63	0.00291	0.00476	0.0000411	0.000288	0.000168	0.088	0.00000611	0.000226	0.000401	0.00185
Post Closure (Oct. 2042 to 2070): Average	96.8	0.165	0.231	0.00451	20.9	0.0605	15.8	0.00000764	0.0186	0.0106	0.00746	0.022	0.00442	15.3	0.00000653	0.000161	0.000262	0.000877	0.048	0.00000781	2.89	0.0042	3.27	0.0742	0.00104	1.78	0.00538	0.00508	0.0000857	0.000358	0.000216	0.096	0.00000798	0.000514	0.000627	0.00265
Post Closure (Oct. 2042 to 2070): Max	154	0.178	0.538	0.00987	31.9	0.0655	17.6	0.00000811	0.0211	0.017	0.00787	0.033	0.00522	19.9	0.00000698	0.000181	0.000277	0.000963	0.0514	0.00000881	3.87	0.00447	4.58	0.0775	0.00131	2.74	0.00671	0.00557	0.000091	0.000419	0.000231	0.138	0.0000087	0.000587	0.000712	0.00293
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	139	0.345	1.36	0.0462	32.3	0.088	30	0.0000128	0.0106	0.00465	0.024	0.0381	0.0000891	25.7	0.00000877	0.000773	0.000752	0.00104	0.0672	0.00000642	5.65	0.00501	5.84	0.141	0.0024	5.39	0.0109	0.00638	0.000116	0.00313	0.000208	0.207	0.0000269	0.00063	0.00223	0.00408
2023 Feb	138	0.343	1.34	0.0457	32.1	0.0877	29.8	0.0000127	0.0106	0.00463	0.0238	0.038	0.0000885	25.6	0.00000872	0.000767	0.000747	0.00104	0.0674	0.00000639	5.61	0.00499	5.81	0.14	0.00238	5.35	0.0108	0.00641	0.000115	0.0031	0.000207	0.206	0.0000268	0.000626	0.00221	0.00406
2023 Mar	138	0.34	1.33	0.0451	31.9	0.0874	29.5	0.0000126	0.0106	0.0046	0.0236	0.0378	0.0000878	25.4	0.00000866	0.000759	0.000742	0.00104	0.0678	0.00000636	5.57	0.00496	5.76	0.139	0.00236	5.3	0.0107	0.00645	0.000115	0.00306	0.000205	0.205	0.0000266	0.00062	0.00219	0.00404
2023 Apr	137	0.338	1.31	0.0446	31.8	0.0871	29.2	0.0000126	0.0106	0.00458	0.0234	0.0376	0.0000872	25.3	0.0000086	0.000752	0.000737	0.00104	0.0682	0.00000632	5.53	0.00494	5.72	0.138	0.00235	5.25	0.0106	0.00649	0.000114	0.00302	0.000203	0.203	0.0000264	0.000616	0.00217	0.00402
2023 May	137	0.338	1.28	0.0436	31.8	0.0883	29.4	0.0000126	0.0105	0.00454	0.0233	0.038	0.000089	25.4	0.00000866	0.000744	0.000734	0.00104	0.0723	0.00000639	5.47	0.00495	5.71	0.139	0.00244	5.23	0.0105	0.00677	0.000116	0.00295	0.000205	0.203	0.0000259	0.000617	0.00221	0.00401
2023 Jun	132	0.336	1.13	0.0398	30.2	0.0889	28.8	0.0000118	0.0113	0.00547	0.0205	0.0374	0.0000853	24.6	0.00000827	0.000636	0.000648	0.00105	0.083	0.00000658	4.95	0.00462	5.62	0.133	0.00276	4.62	0.0106	0.00762	0.000111	0.00236	0.000209	0.187	0.0000219	0.000599	0.00215	0.00387
2023 Jul	131	0.375	1.11	0.0428	29	0.0892	29.7	0.0000117	0.0132	0.008	0.0184	0.0366	0.0000775	24.7	0.00000797	0.000562	0.000579	0.00115	0.0865	0.00000689	4.69	0.00437	5.95	0.129	0.0031	4.06	0.013	0.00818	0.000103	0.00208	0.000228	0.172	0.0000197	0.000598	0.00203	0.00394
2023 Aug	135	0.417	1.18	0.0473	29.4	0.0928	32.3	0.0000122	0.0142	0.00967	0.0183	0.0378	0.0000793	25.9	0.00000826	0.000564	0.000572	0.00122	0.0908	0.00000732	4.76	0.00439	6.41	0.134	0.0035	4.04	0.0149	0.00859	0.000106	0.0021	0.000252	0.172	0.0000195	0.000628	0.00212	0.00413
2023 Sep	137	0.446	1.22	0.0509	29.4	0.0948	34.1	0.0000125	0.0149	0.0112	0.018	0.0385	0.0000796	26.6	0.0000084	0.000554	0.000556	0.00128	0.0936	0.00000761	4.76	0.00434	6.75	0.136	0.00382	3.94	0.0164	0.00886	0.000107	0.00207	0.000272	0.169	0.0000189	0.000647	0.00219	0.00425
2023 Oct	137	0.453	1.22	0.0513	29.3	0.0956	34.7	0.0000127	0.0153	0.0116	0.0177	0.0387	0.0000798	26.8	0.00000844	0.000546	0.000545	0.00129	0.0958	0.00000776	4.72	0.00431	6.83	0.137	0.00395	3.87	0.0169	0.00906	0.000107	0.00204	0.000282	0.167	0.0000185	0.000653	0.00222	0.00428
2023 Nov	135	0.442	1.18	0.0496	28.9	0.0945	33.9	0.0000125	0.0151	0.0113	0.0174	0.0382	0.0000785	26.4	0.0000083	0.000533	0.000537	0.00128	0.0959	0.00000764	4.65	0.00427	6.69	0.135	0.00386	3.8	0.0165	0.00906	0.000105	0.00198	0.000275	0.165	0.0000181	0.00064	0.00217	0.0042
2023 Dec	134	0.434	1.16	0.0485	28.7	0.0936	33.3	0.0000124	0.015	0.0111	0.0171	0.0378	0.0000775	26.1	0.0000082	0.000525	0.000534	0.00127	0.0957	0.00000754	4.59	0.00425	6.58	0.133	0.00379	3.75	0.0162	0.00905	0.000104	0.00194	0.00027	0.164	0.000018	0.00063	0.00213	0.00415
2024 Jan	133	0.428	1.14	0.0476	28.6	0.093	32.8	0.0000123	0.0149	0.0109	0.017	0.0375	0.0000768	25.8	0.00000813	0.000519	0.000531	0.00126	0.0957	0.00000746	4.56	0.00423	6.51	0.132	0.00374	3.72	0.0159	0.00904	0.000103	0.00191	0.000266	0.163	0.0000178	0.000623	0.00211	0.00412
2024 Feb	132	0.423	1.12	0.0469	28.4	0.0925	32.4	0.0000122	0.0148	0.0107	0.0169	0.0373	0.0000762	25.6	0.00000807	0.000514	0.000528	0.00125	0.0956	0.0000074	4.52	0.00422	6.44	0.131	0.00369	3.69	0.0157	0.00904	0.000102	0.00188	0.000262	0.162	0.0000177	0.000617	0.00209	0.00408
2024 Mar	132	0.419	1.11	0.0462	28.3	0.092	32	0.0000121	0.0148	0.0106	0.0167	0.0371	0.0000757	25.4	0.00000801	0.000509	0.000526	0.00124	0.0956	0.00000734	4.49	0.00421	6.38	0.13	0.00365	3.66	0.0155	0.00904	0.000102	0.00186	0.000259	0.161	0.0000176	0.000611	0.00207	0.00405
2024 Apr	131	0.415	1.09	0.0456	28.2	0.0917	31.8	0.000012	0.0147	0.0104	0.0167	0.037	0.0000754	25.3	0.00000797	0.000506	0.000525	0.00124	0.0958	0.0000073	4.47	0.0042	6.33	0.129	0.00362	3.64	0.0153	0.00905	0.000101	0.00184	0.000257	0.161	0.0000175	0.000606	0.00205	0.00403
2024 May	131	0.412	1.07	0.0446	28.4	0.093	31.9	0.0000121	0.0145	0.0102	0.0168	0.0375	0.000078	25.4	0.00000807	0.000506	0.000529	0.00123	0.0993	0.00000736	4.45	0.00423	6.31	0.131	0.00369	3.68	0.0151	0.00926	0.000104	0.0018	0.000258	0.163	0.0000173	0.00061	0.00211	0.00403
2024 Jun	128	0.391	0.977	0.0403	27.9	0.0936	31	0.0000117	0.0142	0.00944	0.0161	0.0375	0.0000796	24.9	0.00000796	0.000467	0.000506	0.00119	0.105	0.00000737	4.22	0.00413	6.07	0.129	0.00373	3.55	0.0138	0.00955	0.000106	0.00152	0.000251	0.159	0.0000155	0.0006	0.00213	0.0039
2024 Jul	129	0.411	0.99	0.0421	27.7	0.0941	31.5	0.0000116	0.015	0.0104	0.0155	0.0373	0.0000766	25.1	0.00000787	0.000446	0.000488	0.00124	0.105	0.00000754	4.18	0.00407	6.24	0.129	0.00385	3.39	0.0148	0.0097	0.000103	0.00144	0.000257	0.155	0.0000149	0.000606	0.00209	0.00397
2024 Aug	133	0.448	1.06	0.0465	28.3	0.0976	33.9	0.000012	0.0158	0.0118	0.0158	0.0387	0.0000792	26.3	0.00000816	0.000456	0.000491	0.0013	0.109	0.0000079	4.29	0.00412	6.66	0.134	0.00419	3.44	0.0163	0.01	0.000106	0.00148	0.000278	0.157	0.000015	0.000636	0.0022	0.00415
2024 Sep	135	0.472	1.11	0.05	28.5	0.0993	35.6	0.0000124	0.0164	0.013	0.0158	0.0393	0.0000797	27	0.00000831	0.000459	0.000484	0.00134	0.11	0.00000816	4.34	0.00411	6.96	0.136	0.00443	3.42	0.0177	0.0101	0.000108	0.00151	0.000296	0.156	0.0000149	0.000656	0.00226	0.00427
2024 Oct	135	0.476	1.12	0.0504	28.4	0.0997	36	0.0000126	0.0167	0.0133	0.0157	0.0394	0.00008	27.1	0.00000835	0.000459	0.00048	0.00135	0.111	0.00000828	4.35	0.0041	7.02	0.137	0.00451	3.4	0.018	0.0102	0.000108	0.00152	0.000303	0.155	0.0000148	0.000663	0.00229	0.00429
2024 Nov	134	0.464	1.09	0.0487	28.1	0.0985	35.1	0.0000124	0.0165	0.0129	0.0155	0.0389	0.0000787	26.7	0.00000822	0.00045	0.000476	0.00133	0.11	0.00000813	4.28	0.00407	6.86	0.135	0.0044	3.35	0.0175	0.0102	0.000106	0.00147	0.000296	0.154	0.0000146	0.000649	0.00224	0.00421
2024 Dec	133	0.455	1.07	0.0476	27.9	0.0976	34.5	0.0000123	0.0163	0.0126	0.0153	0.0386	0.0000778	26.4	0.00000813	0.000444	0.000474	0.00132	0.11	0.00000803	4.24	0.00406	6.76	0.133	0.00432	3.32	0.0172	0.0101	0.000105	0.00145	0.00029	0.153	0.0000145	0.000639	0.00221	0.00416
2025 Jan	132	0.449	1.05	0.0468	27.8	0.097	34	0.0000122	0.0162	0.0123	0.0152	0.0383	0.0000771	26.1	0.00000806	0.00044	0.000472	0.00131	0.11	0.00000795	4.21	0.00405	6.68	0.132	0.00426	3.3	0.0169	0.0101	0.000104	0.00143	0.000286	0.152	0.0000144	0.000632	0.00218	0.00413
2025 Feb	131	0.444	1.04	0.046	27.7	0.0964	33.6	0.0000121	0.0161	0.0122	0.0151	0.0381	0.0000766	25.9	0.000008	0.000436	0.000471	0.0013	0.109	0.00000788	4.18	0.00404	6.61	0.131	0.00421	3.28	0.0167	0.0101	0.000104	0.00141	0.000282	0.152	0.0000143	0.000626	0.00216	0.00409
2025 Mar	130	0.439	1.02	0.0453	27.6	0.0959	33.3	0.0000121	0.016	0.012	0.015	0.0379	0.0000762	25.8	0.00000795	0.000432	0.00047	0.00129	0.109	0.00000782	4.16	0.00403	6.55	0.13	0.00417	3.26	0.0164	0.0101	0.000103	0.00139	0.000279	0.152	0.0000142	0.00062	0.00215	0.00407
2025 Apr	130	0.435	1.01	0.0448	27.5	0.0956	33	0.000012	0.0159	0.0118	0.015	0.0378	0.0000758	25.6	0.00000791	0.00043	0.00047	0.00129	0.109	0.00000778	4.14	0.00403	6.5	0.13	0.00413	3.25	0.0163	0.0101	0.000103	0.00138	0.000276	0.151	0.0000142	0.000616	0.00213	0.00404
2025 May	130	0.432	0.996	0.0439	27.7	0.0967	33.1	0.0000121	0.0158	0.0116	0.0151	0.0382	0.0000782	25.8	0.000008	0.000432	0.000476	0.00128	0.112	0.00000782	4.14	0.00406	6.48	0.131	0.00418	3.29	0.016	0.0102	0.000105	0.00135	0.000277	0.153	0.0000141	0.000619	0.00218	0.00404
2025 Jun	127	0.405	0.927	0.0396	27.4	0.0969	31.8	0.0000121	0.0158	0.0102	0.015	0.0383	0.0000801	25.1	0.00000802	0.000419	0.000466	0.00123	0.115	0.00000802	4.05	0.00402	6.13	0.13	0.00408	3.27	0.0144	0.0103	0.000108	0.00122	0.00027	0.152	0.0000133	0.000626	0.00222	0.00393
2025 Jul	127	0.421	0.953	0.0415	27.3	0.097	31.6	0.0000121	0.0167	0.0105	0.0147	0.038	0.0000772	25.1	0.00000796	0.000411	0.000457	0.00126	0.114	0.00000824	4.07	0.004	6.14	0.129	0.00405	3.18	0.0147	0.0104	0.000105	0.00118	0.00027	0.15	0.0000132	0.000635	0.00216	0.00399
2025 Aug	130	0.456	1.02	0.0457	27.9	0.1	33.4	0.0000124	0.0173	0.0113	0.015	0.0391	0.0000799	26	0.00000821	0.000421	0.000463	0.00131	0.117	0.00000856	4.15	0.00405	6.47	0.135	0.00432	3.24	0.0158	0.0106	0.000109	0.00119	0.000282	0.152	0.0000132	0.00066	0.00224	0.00414
2025 Sep	131	0.47	1.04	0.0474	27.8	0.101	34.2	0.0000123	0.0174	0.0112	0.015	0.0392	0.0000808	26.2	0.00000827	0.000419	0.00046	0.00132	0.118	0.00000866	4.13	0.00403	6.63	0.136	0.00447	3.24	0.0162	0.0107	0.00011	0.00116	0.000284	0.151	0.000013	0.000667	0.00227	0.00418
2025 Oct	130	0.47	1.03	0.047	27.6	0.101	34.2	0.0000122	0.0174	0.0108	0.0149	0.0392	0.0000815	26.1	0.00000827	0.000415	0.000459	0.00132	0.119	0.00000865	4.08	0.00402	6.62	0.136	0.00451	3.23	0.0161	0.0107	0.00011	0.00112	0.000281	0.151	0.0000127	0.000665	0.00227	0.00416
2025 Nov	129	0.458	1	0.0455	27.4	0.1	33.5	0.000012	0.0171	0.0104	0.0147	0.0387	0.0000804	25.8	0.00000815	0.000408	0.000457	0.0013	0.118	0.0000085	4.03	0.004	6.49	0.134	0.00442	3.2	0.0157	0.0107	0.000109	0.00109	0.000274	0.15	0.0000125	0.000652	0.00223	0.00409
2025 Dec	128	0.45	0.984	0.0445	27.2	0.0994	33	0.0000119	0.017	0.0102	0.0146	0.0384	0.0000796	25.5	0.00000806	0.000403	0.000455	0.00129	0.118	0.00000839	3.99	0.00399	6.4	0.133	0.00435	3.17	0.0154	0.0106	0.000108	0.00107	0.000269	0.149	0.0000124	0.000643	0.0022	0.00405
2026 Jan	128	0.447	0.976	0.0441	27.2	0.0991	32.7	0.0000118	0.0169	0.0101	0.0145	0.0383	0.0000792	25.4	0.00000803	0.000401	0.000455	0.00128	0.118	0.00000835	3.98	0.00398	6.37	0.132	0.00432	3.16	0.0152	0.0106	0.000107	0.00106	0.000267	0.149	0.0000124	0.000639	0.00219	0.00403
2026 Feb	128	0.447	0.976	0.0441	27.2	0.0991	32.7	0.0000118	0.0169	0.0101	0.0145	0.0383	0.0000792	25.4	0.00000803	0.000401	0.000455	0.00128	0.118	0.00000835	3.98	0.00398	6.37	0.132	0.00432	3.16	0.0152	0.0106	0.000107	0.00106	0.000267	0.149	0.0000124	0.000639	0.00219	0.00403
2026 Mar	128	0.447	0.976	0.0441	27.2	0.0991	32.7	0.0000118	0.0169	0.0101	0.0145	0.0383	0.0000792	25.4	0.00000803	0.000401	0.000455	0.00128	0.118	0.00000835	3.98	0.00398	6.37	0.132	0.00432	3.16	0.0152	0.0106	0.000107	0.00106	0.000267	0.149	0.0000124	0.000639	0.00219	0.00403
2026 Apr	128	0.448	0.977	0.0441	27.2	0.0992	32.8	0.0000119	0.0169	0.0101	0.0146	0.0384	0.0000793	25.4	0.00000804	0.000402	0.000456	0.00128	0.118	0.00000836	3.99	0.00399	6.38	0.133	0.00432	3.17	0.0152	0.0106	0.000107	0.00106	0.000268	0.149	0.0000124	0.00064	0.0022	0.00403
2026 May	129	0.45	0.983	0.0444	27.4	0.0998	33	0.0000119	0.017	0.0102	0.0146	0.0386	0.0000798	25.6	0.00000809	0.000404	0.000458	0.00129	0.118	0.00000841	4.01	0.00401	6.41	0.133	0.00435	3.19	0.0153	0.0107	0.000108	0.00107	0.000269	0.15	0.0000125	0.000644	0.00221	0.00405
2026 Jun	129	0.418	0.939	0.0413	27.4	0.0961	31.3	0.0000113	0.0162	0.00938	0.0138	0.0377	0.000074	24.9	0.00000767	0.000378	0.000431	0.00123	0.112	0.00000792	3.96	0.00392	6.2	0.126	0.00406	3.12	0.0142	0.0102	0.000102	0.000996	0.000259	0.148	0.0000119	0.000605	0.00204	0.00384
2026 Jul	131	0.408	0.931	0.0404	27.7	0.0956	30.9	0.0000112	0.0161	0.00915	0.0136	0.0378	0.0000723	24.8	0.00000758	0.000371	0.000425	0.00122	0.11	0.00000781	3.98	0.00393	6.18	0.124	0.00398	3.12	0.0139	0.0101	0.0001	0.000977	0.000257	0.148	0.0000117	0.000596	0.002	0.00379
2026 Aug	132	0.408	0.935	0.0403	28.1	0.096	31	0.0000113	0.0162	0.00913	0.0137	0.0381	0.0000722	25	0.0000076	0.000371	0.000425	0.00123	0.11	0.00000782	4.01	0.00396	6.21	0.124	0.00398	3.14	0.0139	0.0101	0.0001	0.000977	0.000258	0.149	0.0000118	0.000597	0.00199	0.0038
2026 Sep	132	0.398	0.922	0.0394	28	0.0948	30.4	0.0000111	0.016	0.0089	0.0134	0.0378	0.0000704	24.7	0.00000747	0.000363	0.000417	0.00121	0.108	0.00000768	3.99	0.00392	6.14	0.122	0.00389	3.12	0.0135	0.00992	0.0000982	0.000955	0.000255	0.148	0.0000116	0.000585	0.00195	0.00374
2026 Oct	132	0.393	0.914	0.0389	28	0.0941	30.1	0.000011	0.0158	0.00877	0.0133	0.0376	0.0000695	24.6	0.0000074	0.000359	0.000413	0.0012	0.107	0.00000759	3.98	0.00391	6.1	0.121	0.00385	3.1	0.0133	0.00983	0.0000972	0.000943	0.000253	0.148	0.0000115	0.000578	0.00192	0.0037
2026 Nov	132	0.391	0.912	0.0387	28	0.0939	30	0.0000109	0.0158	0.00872	0.0132	0.0375	0.0000691	24.5	0.00000738	0.000357	0.000411	0.00119	0.106	0.00000756	3.97	0.0039	6.09	0.12	0.00383	3.1	0.0133	0.0098	0.0000968	0.000939	0.000252	0.147	0.0000114	0.000576	0.00191	0.00369
2026 Dec	132	0.391	0.911	0.0387	28	0.0939	30	0.0000109	0.0158	0.00872	0.0132	0.0375	0.0000691	24.5	0.00000738	0.000357	0.000411	0.00119	0.106	0.00000756	3.97	0.0039	6.09	0.12	0.00383	3.1	0.0133	0.0098	0.0000968	0.000939	0.000252	0.147	0.0000114	0.000576	0.00191	0.00369
2027 Jan	132	0.391	0.911	0.0387	28	0.0939	30	0.0000109	0.0158	0.00872	0.0132	0.0375	0.0000691	24.5	0.00000738	0.000357	0.000411	0.00119	0.106	0.00000756	3.97	0.0039	6.09	0.12	0.00383	3.1	0.0133	0.0098	0.0000968	0.000939	0.000252	0.147	0.0000114	0.000576	0.00191	0.00369
2027 Feb	132	0.391	0.911	0.0387	28	0.0939	30	0.0000109	0.0158	0.00872	0.0132	0.0375	0.0000691	24.5	0.00000738	0.000357	0.000411	0.00119	0.106	0.00000756	3.97	0.0039	6.09	0.12	0.00383	3.1	0.0133	0.0098	0.0000968	0.000939	0.000252	0.147	0.0000114	0.000576	0.00191	0.00369
2027 Mar	132	0.391	0.911	0.0387	28	0.0939	30	0.0000109	0.0158	0.00872	0.0132	0.0375	0.0000691	24.5	0.00000738	0.000357	0.000411	0.00119	0.106	0.00000756	3.97	0.0039	6.09	0.12	0.00383	3.1	0.0133	0.0098	0.0000968	0.000939	0.000252	0.147	0.0000114	0.000576	0.00191	0.00369
2027 Apr	132	0.391	0.913	0.0387	28	0.094	30.1	0.0000109	0.0158	0.00873	0.0132	0.0376	0.0000692	24.6	0.00000739	0.000357	0.000411	0.0012	0.107	0.00000757	3.98	0.00391	6.1	0.121	0.00383	3.1	0.0133	0.00981	0.0000969	0.00094	0.000252	0.148	0.0000114	0.000577	0.00191	0.00369
2027 May	133	0.393	0.918	0.039	28.2	0.0946	30.2	0.000011	0.0159	0.00878	0.0133	0.0378	0.0000696	24.7	0.00000743	0.000359	0.000414	0.0012	0.107	0.00000762	4	0.00393	6.13	0.121	0.00385	3.12	0.0134	0.00987	0.0000974	0.000945	0.000254	0.149	0.0000115	0.00058	0.00192	0.00371
2027 Jun	133	0.366	0.88	0.0363	28.2	0.0913	28.7	0.0000105	0.0152	0.00812	0.0126	0.037	0.0000646	24.1	0.00000707	0.000337	0.000391	0.00115	0.101	0.0000072	3.95	0.00385	5.94	0.115	0.00361	3.06	0.0124	0.00942	0.0000919	0.000884	0.000244	0.146	0.000011	0.000547	0.00178	0.00353
2027 Jul	135	0.358	0.874	0.0356	28.5	0.0909	28.5	0.0000104	0.0151	0.00794	0.0125	0.0371	0.0000633	24.1	0.000007	0.000332	0.000386	0.00114	0.1	0.00000711	3.97	0.00386	5.93	0.114	0.00355	3.06	0.0121	0.00935	0.0000907	0.000869	0.000243	0.147	0.0000109	0.000539	0.00175	0.00349
2027 Aug	136	0.358	0.877	0.0355	28.8	0.0914	28.5	0.0000104	0.0152	0.00791	0.0125	0.0374	0.0000631	24.2	0.00000702	0.000331	0.000386	0.00115	0.1	0.00000712	4.01	0.00388	5.96	0.114	0.00354	3.09	0.0121	0.00937	0.0000907	0.000868	0.000244	0.148	0.0000109	0.00054	0.00174	0.0035
2027 Sep	136	0.35	0.867	0.0348	28.7	0.0904	28.1	0.0000103	0.015	0.00773	0.0123	0.0371	0.0000617	24	0.00000692	0.000325	0.000379	0.00113	0.0986	0.000007	3.99	0.00386	5.9	0.112	0.00348	3.06	0.0118	0.00924	0.0000892	0.000851	0.000242	0.147	0.0000107	0.000531	0.0017	0.00345
2027 Oct	136	0.346	0.861	0.0344	28.7	0.0898	27.8	0.0000102	0.0149	0.00763	0.0122	0.037	0.000061	23.9	0.00000686	0.000322	0.000376	0.00112	0.0977	0.00000694	3.98	0.00384	5.87	0.111	0.00344	3.05	0.0117	0.00917	0.0000883	0.000842	0.00024	0.146	0.0000106	0.000525	0.00168	0.00342
2027 Nov	136	0.344	0.858	0.0342	28.7	0.0896	27.8	0.0000102	0.0149	0.00759	0.0121	0.0369	0.0000607	23.8	0.00000684	0.00032	0.000374	0.00112	0.0973	0.00000691	3.97	0.00384	5.86	0.11	0.00342	3.05	0.0116	0.00914	0.000088	0.000838	0.000239	0.146	0.0000106	0.000523	0.00167	0.00341
2027 Dec	136	0.344	0.858	0.0342	28.7	0.0896	27.8	0.0000102	0.0149	0.00758	0.0121	0.0369	0.0000607	23.8	0.00000684	0.00032	0.000374	0.00112	0.0973	0.00000691	3.97	0.00384	5.86	0.11	0.00342	3.05	0.0116	0.00914	0.000088	0.000838	0.000239	0.146	0.0000106	0.000523	0.00167	0.00341
2028 Jan	136	0.344	0.858	0.0342	28.7	0.0896	27.8	0.0000102	0.0149	0.00758	0.0121	0.0369	0.0000607	23.8	0.00000684	0.00032	0.000374	0.00112	0.0973	0.00000691	3.97	0.00384	5.86	0.11	0.00342	3.05	0.0116	0.00914	0.000088	0.000838	0.000239	0.146	0.0000106	0.000523	0.00167	0.00341
2028 Feb	136	0.344	0.858	0.0342	28.7	0.0896	27.8	0.0000102	0.0149	0.00758	0.0121	0.0369	0.0000607	23.8	0.00000684	0.00032	0.000374	0.00112	0.0973	0.00000691	3.97	0.00384	5.86	0.11	0.00342	3.05	0.0116	0.00914	0.000088	0.000838	0.000239	0.146	0.0000106	0.000523	0.00167	0.00341
2028 Mar	136	0.344	0.858	0.0342	28.7	0.0896	27.8	0.0000102	0.0149	0.00758	0.0121	0.0369	0.0000607	23.8	0.00000684	0.00032	0.000374	0.00112	0.0973	0.00000691	3.97	0.00384	5.86	0.11	0.00342	3.05	0.0116	0.00914	0.000088	0.000838	0.000239	0.146	0.0000106	0.000523	0.00167	0.00341
2028 Apr	136	0.345	0.859	0.0342	28.7	0.0898	27.8	0.0000102	0.0149	0.00759	0.0122	0.037	0.0000607	23.9	0.00000685	0.000321	0.000375	0.00112	0.0974	0.00000692	3.98	0.00384	5.87	0.111	0.00343	3.05	0.0116	0.00915	0.0000881	0.000839	0.00024	0.146	0.0000106	0.000524	0.00168	0.00341
2028 May	137	0.346	0.864	0.0344	28.9	0.0903	27.9	0.0000103	0.015	0.00764	0.0122	0.0372	0.0000611	24	0.00000689	0.000323	0.000377	0.00113	0.098	0.00000696	4	0.00387	5.9	0.111	0.00345	3.07	0.0117	0.00921	0.0000886	0.000844	0.000241	0.147	0.0000107	0.000527	0.00168	0.00343
2028 Jun	137	0.323	0.83	0.0321	28.8	0.0873	26.7	0.00000981	0.0144	0.00707	0.0116	0.0364	0.0000568	23.4	0.00000657	0.000303	0.000357	0.00108	0.093	0.00000659	3.95	0.00379	5.73	0.106	0.00323	3.01	0.0109	0.00881	0.0000838	0.000791	0.000233	0.145	0.0000102	0.000498	0.00156	0.00327
2028 Jul	138	0.316	0.826	0.0315	29.1	0.0871	26.4	0.00000974	0.0143	0.00691	0.0115	0.0365	0.0000557	23.4	0.00000652	0.000299	0.000353	0.00108	0.0919	0.00000652	3.97	0.0038	5.73	0.105	0.00318	3.02	0.0107	0.00875	0.0000828	0.000778	0.000232	0.146	0.0000101	0.000492	0.00153	0.00324
2028 Aug	140	0.316	0.83	0.0315	29.4	0.0875	26.5	0.00000977	0.0144	0.00689	0.0115	0.0368	0.0000555	23.6	0.00000653	0.000299	0.000353	0.00108	0.092	0.00000653	4	0.00383	5.76	0.105	0.00318	3.04	0.0106	0.00877	0.0000829	0.000778	0.000233	0.147	0.0000102	0.000492	0.00153	0.00325
2028 Sep	139	0.309	0.819	0.0308	29.3	0.0865	26.1	0.00000962	0.0142	0.00672	0.0113	0.0365	0.0000542	23.4	0.00000644	0.000293	0.000347	0.00107	0.0904	0.00000642	3.98	0.0038	5.7	0.103	0.00312	3.02	0.0104	0.00865	0.0000814	0.000762	0.00023	0.146	0.00001	0.000484	0.00149	0.0032
2028 Oct	139	0.305	0.813	0.0304	29.3	0.086	25.8	0.00000955	0.0141	0.00662	0.0112	0.0364	0.0000535	23.2	0.00000638	0.000289	0.000343	0.00106	0.0896	0.00000636	3.97	0.00378	5.66	0.102	0.00308	3	0.0102	0.00858	0.0000806	0.000753	0.000229	0.145	0.00000993	0.000479	0.00147	0.00317
2028 Nov	139	0.303	0.811	0.0303	29.2	0.0858	25.8	0.00000952	0.0141	0.00659	0.0112	0.0363	0.0000533	23.2	0.00000636	0.000288	0.000342	0.00106	0.0892	0.00000634	3.96	0.00377	5.65	0.102	0.00307	3	0.0102	0.00855	0.0000803	0.000749	0.000228	0.145	0.00000989	0.000477	0.00147	0.00316
2028 Dec	139	0.303	0.811	0.0303	29.2	0.0858	25.8	0.00000952	0.0141	0.00659	0.0112	0.0363	0.0000533	23.2	0.00000636	0.000288	0.000342	0.00106	0.0892	0.00000634	3.96	0.00377	5.65	0.102	0.00307	3	0.0102	0.00855	0.0000803	0.000749	0.000228	0.145	0.00000989	0.000477	0.00147	0.00316
2029 Jan	139	0.303	0.811	0.0303	29.2	0.0858	25.8	0.00000952	0.0141	0.00659	0.0112	0.0363	0.0000533	23.2	0.00000636	0.000288	0.000342	0.00106	0.0892	0.00000634	3.96	0.00377	5.65	0.102	0.00307	3	0.0102	0.00855	0.0000803	0.000749	0.000228	0.145	0.00000989	0.000477	0.00147	0.00316
2029 Feb	139	0.303	0.811	0.0303	29.2	0.0858	25.8	0.00000952	0.0141	0.00659	0.0112	0.0363	0.0000533	23.2	0.00000636	0.000288	0.000342	0.00106	0.0892	0.00000634	3.96	0.00377	5.65	0.102	0.00307	3	0.0102	0.00855	0.0000803	0.000749	0.000228	0.145	0.00000989	0.000477	0.00147	0.00316
2029 Mar	139	0.303	0.811	0.0303	29.2	0.0858	25.8	0.00000952	0.0141	0.00659	0.0112	0.0363	0.0000533	23.2	0.00000636	0.000288	0.000342	0.00106	0.0892	0.00000634	3.96	0.00377	5.65	0.102	0.00307	3	0.0102	0.00855	0.0000803	0.000749	0.000228	0.145	0.00000989	0.000477	0.00147	0.00316
2029 Apr	139	0.303	0.812	0.0303	29.3	0.0859	25.8	0.00000953	0.0141	0.0066	0.0112	0.0364	0.0000533	23.2	0.00000637	0.000289	0.000342	0.00106	0.0894	0.00000634	3.97	0.00378	5.66	0.102	0.00307	3	0.0102	0.00857	0.0000804	0.00075	0.000228	0.145	0.00000991	0.000478	0.00147	0.00316
2029 May	140	0.305	0.817	0.0305	29.5	0.0864	25.9	0.00000958	0.0142	0.00663	0.0113	0.0366	0.0000536	23.4	0.0000064	0.00029	0.000344	0.00106	0.0899	0.00000638	3.99	0.0038	5.69	0.102	0.00309	3.02	0.0103	0.00861	0.0000808	0.000755	0.00023	0.146	0.00000996	0.00048	0.00148	0.00318
2029 Jun	139	0.285	0.785	0.0285	29.3	0.0837	24.8	0.00000919	0.0136	0.00615	0.0107	0.0359	0.00005	22.8	0.00000613	0.000273	0.000327	0.00102	0.0855	0.00000605	3.94	0.00373	5.54	0.0976	0.0029	2.96	0.00956	0.00827	0.0000767	0.000709	0.000222	0.144	0.00000954	0.000454	0.00137	0.00304
2029 Jul	141	0.279	0.781	0.028	29.6	0.0836	24.6	0.00000914	0.0135	0.00601	0.0106	0.036	0.000049	22.9	0.00000608	0.000269	0.000324	0.00102	0.0846	0.00000598	3.96	0.00374	5.54	0.0967	0.00286	2.97	0.00937	0.00822	0.0000758	0.000698	0.000221	0.144	0.00000947	0.000449	0.00135	0.00301
2029 Aug	142	0.279	0.784	0.0279	29.9	0.084	24.7	0.00000917	0.0136	0.006	0.0106	0.0362	0.0000489	23	0.0000061	0.000269	0.000324	0.00102	0.0848	0.00000599	3.99	0.00377	5.57	0.0969	0.00286	3	0.00936	0.00825	0.0000759	0.000697	0.000223	0.145	0.0000095	0.000449	0.00134	0.00302
2029 Sep	142	0.272	0.773	0.0273	29.8	0.0831	24.3	0.00000903	0.0134	0.00585	0.0105	0.036	0.0000478	22.8	0.00000601	0.000264	0.000318	0.00101	0.0833	0.00000589	3.97	0.00374	5.51	0.0953	0.0028	2.97	0.00913	0.00813	0.0000746	0.000683	0.00022	0.144	0.00000936	0.000441	0.00131	0.00297
2029 Oct	142	0.269	0.768	0.027	29.7	0.0826	24.1	0.00000897	0.0133	0.00577	0.0104	0.0358	0.0000472	22.7	0.00000596	0.000261	0.000315	0.001	0.0826	0.00000583	3.95	0.00372	5.49	0.0945	0.00277	2.96	0.00902	0.00807	0.0000739	0.000675	0.000218	0.144	0.00000929	0.000436	0.00129	0.00295
2029 Nov	142	0.268	0.766	0.0269	29.7	0.0824	24	0.00000894	0.0132	0.00574	0.0103	0.0358	0.0000469	22.7	0.00000594	0.00026	0.000314	0.000998	0.0823	0.00000581	3.95	0.00372	5.48	0.0941	0.00276	2.96	0.00897	0.00805	0.0000737	0.000672	0.000218	0.144	0.00000926	0.000435	0.00129	0.00294
2029 Dec	142	0.268	0.766	0.0269	29.7	0.0824	24	0.00000894	0.0132	0.00574	0.0103	0.0358	0.0000469	22.7	0.00000594	0.00026	0.000314	0.000998	0.0823	0.00000581	3.95	0.00372	5.47	0.0941	0.00276	2.96	0.00897	0.00805	0.0000737	0.000672	0.000218	0.144	0.00000926	0.000435	0.00129	0.00294
2030 Jan	142	0.268	0.766	0.0269	29.7	0.0824	24	0.00000894	0.0132	0.00574	0.0103	0.0358	0.0000469	22.7	0.00000594	0.00026	0.000314	0.000998	0.0823	0.00000581	3.95	0.00372	5.47	0.0941	0.00276	2.96	0.00897	0.00805	0.0000737	0.000672	0.000218	0.144	0.00000926	0.000435	0.00129	0.00294
2030 Feb	142	0.268	0.766	0.0269	29.7	0.0824	24	0.00000894	0.0132	0.00574	0.0103	0.0358	0.0000469	22.7	0.00000594	0.00026	0.000314	0.000998	0.0823	0.00000581	3.95	0.00372	5.47	0.0941	0.00276	2.96	0.00897	0.00805	0.0000737	0.000672	0.000218	0.144	0.00000926	0.000435	0.00129	0.00294
2030 Mar	142	0.268	0.766	0.0269	29.7	0.0824	24	0.00000894	0.0132	0.00574	0.0103	0.0358	0.0000469	22.7	0.00000594	0.00026	0.000314	0.000998	0.0823	0.00000581	3.95	0.00372	5.48	0.0941	0.00276	2.96	0.00897	0.00805	0.0000737	0.000672	0.000218	0.144	0.00000926	0.000435	0.00129	0.00294
2030 Apr	142	0.268	0.767	0.0269	29.8	0.0825	24.1	0.00000895	0.0132	0.00574	0.0104	0.0358	0.000047	22.7	0.00000595	0.00026	0.000315	0.000999	0.0824	0.00000582	3.96	0.00372	5.48	0.0943	0.00276	2.96	0.00898	0.00806	0.0000738	0.000673	0.000218	0.144	0.00000927	0.000435	0.00129	0.00295
2030 May	143	0.269	0.771	0.027	29.9	0.083	24.2	0.000009	0.0133	0.00577	0.0104	0.036	0.0000472	22.8	0.00000598	0.000262	0.000316	0.001	0.0829	0.00000585	3.98	0.00375	5.51	0.0948	0.00278	2.98	0.00903	0.00811	0.0000742	0.000677	0.00022	0.145	0.00000932	0.000438	0.0013	0.00296
2030 Jun	142	0.251	0.743	0.0253	29.8	0.0806	23.2	0.00000865	0.0128	0.00535	0.00995	0.0354	0.0000441	22.3	0.00000574	0.000247	0.000301	0.000969	0.079	0.00000556	3.92	0.00368	5.37	0.0905	0.00262	2.92	0.00842	0.0078	0.0000705	0.000636	0.000213	0.143	0.00000895	0.000415	0.00121	0.00283

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	143	0.247	0.74	0.0249	30	0.0806	23.1	0.00000862	0.0127	0.00525	0.00988	0.0355	0.0000433	22.4	0.00000571	0.000244	0.000299	0.000966	0.0784	0.00000551	3.95	0.00369	5.38	0.0899	0.00259	2.94	0.00827	0.00777	0.0000699	0.000628	0.000212	0.143	0.0000089	0.000411	0.00119	0.00282
2030 Aug	145	0.247	0.744	0.0249	30.3	0.0811	23.2	0.00000866	0.0128	0.00524	0.00992	0.0358	0.0000433	22.5	0.00000573	0.000244	0.0003	0.00097	0.0786	0.00000553	3.98	0.00372	5.42	0.0902	0.00259	2.96	0.00827	0.0078	0.0000701	0.000629	0.000214	0.144	0.00000894	0.000412	0.00118	0.00283
2030 Sep	144	0.242	0.734	0.0244	30.2	0.0802	22.8	0.00000854	0.0126	0.00511	0.00976	0.0355	0.0000423	22.3	0.00000565	0.00024	0.000295	0.000958	0.0774	0.00000543	3.96	0.00369	5.36	0.0888	0.00254	2.94	0.00808	0.0077	0.0000689	0.000616	0.000211	0.144	0.00000882	0.000404	0.00116	0.00279
2030 Oct	144	0.239	0.729	0.0241	30.1	0.0798	22.7	0.00000848	0.0125	0.00504	0.00968	0.0354	0.0000418	22.2	0.00000561	0.000237	0.000292	0.000952	0.0767	0.00000538	3.95	0.00368	5.34	0.0881	0.00251	2.93	0.00798	0.00765	0.0000683	0.00061	0.00021	0.143	0.00000875	0.0004	0.00114	0.00277
2030 Nov	144	0.238	0.728	0.024	30.1	0.0796	22.6	0.00000846	0.0125	0.00502	0.00965	0.0353	0.0000416	22.2	0.00000559	0.000236	0.000291	0.00095	0.0765	0.00000537	3.94	0.00367	5.33	0.0878	0.0025	2.92	0.00794	0.00763	0.0000681	0.000607	0.00021	0.143	0.00000873	0.000399	0.00114	0.00276
2030 Dec	144	0.238	0.728	0.024	30.1	0.0796	22.6	0.00000846	0.0125	0.00502	0.00965	0.0353	0.0000416	22.2	0.00000559	0.000236	0.000291	0.000949	0.0765	0.00000537	3.94	0.00367	5.33	0.0878	0.0025	2.92	0.00794	0.00763	0.0000681	0.000607	0.00021	0.143	0.00000873	0.000399	0.00114	0.00276
2031 Jan	144	0.238	0.728	0.024	30.1	0.0796	22.6	0.00000846	0.0125	0.00502	0.00965	0.0353	0.0000416	22.2	0.00000559	0.000236	0.000291	0.000949	0.0765	0.00000537	3.94	0.00367	5.33	0.0878	0.0025	2.92	0.00794	0.00763	0.0000681	0.000607	0.00021	0.143	0.00000873	0.000399	0.00114	0.00276
2031 Feb	144	0.238	0.728	0.024	30.1	0.0796	22.6	0.00000846	0.0125	0.00502	0.00965	0.0353	0.0000416	22.2	0.00000559	0.000236	0.000291	0.000949	0.0765	0.00000537	3.94	0.00367	5.33	0.0878	0.0025	2.92	0.00794	0.00763	0.0000681	0.000607	0.00021	0.143	0.00000873	0.000399	0.00114	0.00276
2031 Mar	144	0.238	0.728	0.024	30.1	0.0796	22.6	0.00000846	0.0125	0.00502	0.00965	0.0353	0.0000416	22.2	0.00000559	0.000236	0.000291	0.00095	0.0765	0.00000537	3.94	0.00367	5.33	0.0878	0.0025	2.92	0.00794	0.00763	0.0000681	0.000607	0.00021	0.143	0.00000873	0.000399	0.00114	0.00276
2031 Apr	144	0.238	0.729	0.024	30.2	0.0797	22.6	0.00000847	0.0125	0.00502	0.00967	0.0354	0.0000416	22.2	0.0000056	0.000237	0.000291	0.000951	0.0766	0.00000537	3.95	0.00368	5.34	0.0879	0.00251	2.93	0.00795	0.00764	0.0000682	0.000608	0.00021	0.143	0.00000874	0.0004	0.00114	0.00276
2031 May	145	0.239	0.733	0.0241	30.4	0.0802	22.8	0.00000852	0.0126	0.00505	0.00972	0.0356	0.0000419	22.4	0.00000563	0.000238	0.000293	0.000956	0.077	0.0000054	3.97	0.0037	5.37	0.0884	0.00252	2.94	0.00799	0.00768	0.0000686	0.000611	0.000211	0.144	0.00000879	0.000402	0.00114	0.00278
2031 Jun	144	0.224	0.708	0.0226	30.1	0.078	21.9	0.00000821	0.0121	0.00469	0.00931	0.0349	0.0000391	21.9	0.00000541	0.000225	0.00028	0.000924	0.0736	0.00000515	3.91	0.00363	5.24	0.0847	0.00238	2.89	0.00746	0.00741	0.0000654	0.000576	0.000205	0.142	0.00000846	0.000382	0.00107	0.00266
2031 Jul	145	0.22	0.706	0.0223	30.4	0.078	21.8	0.00000818	0.0121	0.0046	0.00925	0.0351	0.0000385	21.9	0.00000539	0.000223	0.000278	0.000922	0.0731	0.00000511	3.94	0.00365	5.24	0.0842	0.00235	2.9	0.00734	0.00739	0.0000648	0.000569	0.000205	0.142	0.00000842	0.000378	0.00105	0.00265
2031 Aug	147	0.22	0.709	0.0223	30.7	0.0785	21.9	0.00000822	0.0122	0.00459	0.00929	0.0354	0.0000385	22.1	0.00000541	0.000223	0.000278	0.000926	0.0734	0.00000512	3.97	0.00368	5.28	0.0845	0.00236	2.93	0.00733	0.00742	0.000065	0.00057	0.000206	0.144	0.00000846	0.000379	0.00105	0.00266
2031 Sep	146	0.216	0.701	0.0219	30.6	0.0777	21.6	0.00000812	0.012	0.00449	0.00915	0.0351	0.0000376	21.9	0.00000534	0.000219	0.000274	0.000916	0.0723	0.00000504	3.95	0.00365	5.23	0.0833	0.00231	2.91	0.00718	0.00733	0.000064	0.000559	0.000204	0.143	0.00000835	0.000373	0.00103	0.00263
2031 Oct	146	0.213	0.697	0.0216	30.5	0.0773	21.4	0.00000806	0.0119	0.00443	0.00908	0.035	0.0000372	21.8	0.0000053	0.000217	0.000272	0.00091	0.0717	0.000005	3.94	0.00364	5.21	0.0826	0.00229	2.9	0.00709	0.00728	0.0000635	0.000553	0.000203	0.142	0.00000829	0.00037	0.00101	0.00261
2031 Nov	146	0.212	0.695	0.0215	30.5	0.0772	21.4	0.00000804	0.0119	0.0044	0.00906	0.035	0.000037	21.8	0.00000529	0.000216	0.000271	0.000908	0.0715	0.00000499	3.93	0.00363	5.2	0.0824	0.00228	2.89	0.00706	0.00727	0.0000634	0.000551	0.000202	0.142	0.00000827	0.000369	0.00101	0.0026
2031 Dec	146	0.212	0.695	0.0215	30.5	0.0772	21.4	0.00000804	0.0119	0.0044	0.00906	0.035	0.000037	21.8	0.00000529	0.000216	0.000271	0.000908	0.0715	0.00000499	3.93	0.00363	5.2	0.0824	0.00228	2.89	0.00705	0.00727	0.0000634	0.000551	0.000202	0.142	0.00000827	0.000369	0.00101	0.0026
2032 Jan	146	0.212	0.695	0.0215	30.5	0.0772	21.4	0.00000804	0.0119	0.0044	0.00906	0.035	0.000037	21.8	0.00000529	0.000216	0.000271	0.000908	0.0715	0.00000499	3.93	0.00363	5.2	0.0824	0.00228	2.89	0.00705	0.00727	0.0000633	0.000551	0.000202	0.142	0.00000827	0.000369	0.00101	0.0026
2032 Feb	146	0.212	0.695	0.0215	30.5	0.0772	21.4	0.00000804	0.0119	0.0044	0.00906	0.035	0.000037	21.8	0.00000529	0.000216	0.000271	0.000908	0.0715	0.00000499	3.93	0.00363	5.2	0.0824	0.00228	2.89	0.00705	0.00727	0.0000633	0.000551	0.000202	0.142	0.00000827	0.000369	0.00101	0.0026
2032 Mar	146	0.212	0.695	0.0215	30.5	0.0772	21.4	0.00000804	0.0119	0.0044	0.00906	0.035	0.000037	21.8	0.00000529	0.000216	0.000271	0.000908	0.0715	0.00000499	3.93	0.00363	5.2	0.0824	0.00228	2.89	0.00705	0.00727	0.0000634	0.000551	0.000202	0.142	0.00000827	0.000369	0.00101	0.0026
2032 Apr	146	0.212	0.696	0.0216	30.5	0.0773	21.4	0.00000805	0.0119	0.00441	0.00907	0.035	0.0000371	21.8	0.0000053	0.000216	0.000272	0.000909	0.0716	0.00000499	3.94	0.00364	5.21	0.0825	0.00228	2.9	0.00706	0.00728	0.0000634	0.000552	0.000203	0.142	0.00000828	0.000369	0.00101	0.0026
2032 May	147	0.214	0.7	0.0217	30.7	0.0777	21.5	0.0000081	0.012	0.00443	0.00912	0.0352	0.0000373	22	0.00000533	0.000218	0.000273	0.000914	0.072	0.00000502	3.96	0.00366	5.24	0.083	0.0023	2.91	0.0071	0.00732	0.0000638	0.000555	0.000204	0.143	0.00000833	0.000371	0.00101	0.00262
2032 Jun	146	0.2	0.678	0.0204	30.4	0.0757	20.7	0.00000782	0.0116	0.00412	0.00876	0.0346	0.0000349	21.5	0.00000513	0.000206	0.000261	0.000885	0.069	0.0000048	3.91	0.0036	5.12	0.0797	0.00218	2.86	0.00665	0.00707	0.000061	0.000525	0.000198	0.141	0.00000803	0.000354	0.000948	0.00252
2032 Jul	147	0.197	0.676	0.0201	30.7	0.0758	20.7	0.0000078	0.0115	0.00405	0.00871	0.0348	0.0000344	21.6	0.00000512	0.000204	0.00026	0.000884	0.0686	0.00000477	3.93	0.00361	5.13	0.0793	0.00215	2.88	0.00654	0.00706	0.0000606	0.000519	0.000198	0.142	0.00000801	0.000351	0.000933	0.00251
2032 Aug	148	0.197	0.68	0.0201	31	0.0762	20.7	0.00000784	0.0116	0.00404	0.00874	0.035	0.0000343	21.7	0.00000514	0.000205	0.00026	0.000889	0.0688	0.00000478	3.96	0.00364	5.16	0.0795	0.00216	2.9	0.00654	0.00709	0.0000607	0.000519	0.000199	0.143	0.00000804	0.000352	0.000932	0.00252
2032 Sep	148	0.193	0.672	0.0197	30.8	0.0755	20.5	0.00000775	0.0115	0.00395	0.00863	0.0348	0.0000336	21.6	0.00000507	0.000201	0.000257	0.000879	0.0679	0.00000471	3.94	0.00361	5.12	0.0785	0.00212	2.88	0.0064	0.00701	0.0000598	0.00051	0.000197	0.142	0.00000795	0.000346	0.000912	0.00249
2032 Oct	147	0.191	0.668	0.0195	30.8	0.0751	20.3	0.0000077	0.0114	0.00389	0.00856	0.0346	0.0000332	21.5	0.00000504	0.000199	0.000255	0.000873	0.0673	0.00000467	3.92	0.0036	5.09	0.0779	0.0021	2.87	0.00632	0.00697	0.0000594	0.000505	0.000196	0.141	0.00000789	0.000343	0.000901	0.00247
2032 Nov	147	0.19	0.667	0.0194	30.7	0.075	20.3	0.00000768	0.0114	0.00387	0.00854	0.0346	0.0000331	21.4	0.00000503	0.000199	0.000254	0.000871	0.0671	0.00000466	3.92	0.0036	5.09	0.0777	0.00209	2.86	0.00629	0.00695	0.0000592	0.000503	0.000196	0.141	0.00000787	0.000342	0.000897	0.00246
2032 Dec	147	0.19	0.667	0.0194	30.7	0.075	20.3	0.00000768	0.0114	0.00387	0.00854	0.0346	0.0000331	21.4	0.00000503	0.000199	0.000254	0.000871	0.0671	0.00000466	3.92	0.0036	5.09	0.0777	0.00209	2.86	0.00629	0.00695	0.0000592	0.000503	0.000196	0.141	0.00000787	0.000342	0.000897	0.00246
2033 Jan	147	0.19	0.666	0.0194	30.7	0.075	20.3	0.00000768	0.0114	0.00387	0.00854	0.0346	0.0000331	21.4	0.00000503	0.000199	0.000254	0.000871	0.0671	0.00000466	3.92	0.0036	5.09	0.0777	0.00209	2.86	0.00629	0.00695	0.0000592	0.000503	0.000196	0.141	0.00000787	0.000342	0.000897	0.00246
2033 Feb	147	0.19	0.667	0.0194	30.7	0.075	20.3	0.00000768	0.0114	0.00387	0.00854	0.0346	0.0000331	21.4	0.00000503	0.000199	0.000254	0.000871	0.0671	0.00000466	3.92	0.0036	5.09	0.0777	0.00209	2.86	0.00629	0.00695	0.0000592	0.000503	0.000196	0.141	0.00000787	0.000342	0.000897	0.00246
2033 Mar	147	0.19	0.667	0.0194	30.7	0.075	20.3	0.00000768	0.0114	0.00387	0.00854	0.0346	0.0000331	21.4	0.00000503	0.000199	0.000254	0.000871	0.0671	0.00000466	3.92	0.0036	5.09	0.0777	0.00209	2.87	0.00629	0.00695	0.0000592	0.000503	0.000196	0.141	0.00000787	0.000342	0.000897	0.00246
2033 Apr	147	0.19	0.667	0.0194	30.8	0.0751	20.3	0.00000769	0.0114	0.00388	0.00855	0.0346	0.0000331	21.5	0.00000503	0.000199	0.000254	0.000873	0.0672	0.00000466	3.93	0.0036	5.09	0.0778	0.00209	2.87	0.0063	0.00696	0.0000593	0.000504	0.000196	0.141	0.00000789	0.000343	0.000898	0.00247
2033 May	148	0.191	0.671	0.0195	31	0.0756	20.4	0.00000773	0.0114	0.0039	0.0086	0.0349	0.0000333	21.6	0.00000506	0.0002	0.000256	0.000878	0.0676	0.00000469	3.95	0.00362	5.12	0.0782	0.0021	2.89	0.00633	0.007	0.0000596	0.000507	0.000197	0.142	0.00000793	0.000345	0.000903	0.00248
2033 Jun	147	0.18	0.651	0.0184	30.7	0.0737	19.7	0.00000748	0.0111	0.00363	0.00827	0.0342	0.0000312	21.2	0.00000489	0.00019	0.000245	0.000851	0.0649	0.00000449	3.89	0.00356	5.01	0.0752	0.002	2.84	0.00593	0.00678	0.0000571	0.00048	0.000192	0.14	0.00000766	0.000329	0.000845	0.00239
2033 Jul	148	0.177	0.65	0.0182	30.9	0.0738	19.7	0.00000747	0.0111	0.00357	0.00824	0.0344	0.0000308	21.3	0.00000488	0.000189	0.000244	0.000851	0.0647	0.00000447	3.92	0.00358	5.03	0.075	0.00198	2.85	0.00585	0.00677	0.0000568	0.000475	0.000192	0.141	0.00000765	0.000327	0.000833	0.00238
2033 Aug	150	0.178	0.654	0.0182	31.2	0.0743	19.8	0.00000752	0.0111	0.00357	0.00828	0.0347	0.0000308	21.4	0.0000049	0.000189	0.000245	0.000856	0.065	0.00000449	3.95	0.00361	5.06	0.0753	0.00199	2.87	0.00586	0.00681	0.000057	0.000476	0.000194	0.142	0.00000769	0.000328	0.000833	0.0024
2033 Sep	149	0.174	0.648	0.0179	31.1	0.0737	19.5	0.00000743	0.011	0.00349	0.00818	0.0345	0.0000302	21.3	0.00000485	0.000186	0.000242	0.000847	0.0641	0.00000442	3.93	0.00358	5.02	0.0744	0.00195	2.86	0.00574	0.00674	0.0000563	0.000468	0.000192	0.141	0.0000076	0.000323	0.000816	0.00237
2033 Oct	149	0.172	0.644	0.0177	31	0.0733	19.4	0.00000739	0.0109	0.00344	0.00812	0.0343	0.0000299	21.2	0.00000481	0.000184	0.00024	0.000842	0.0636	0.00000439	3.92	0.00357	5	0.0739	0.00193	2.85	0.00567	0.0067	0.0000559	0.000464	0.000191	0.141	0.00000755	0.000321	0.000806	0.00235
2033 Nov	149	0.171	0.642	0.0176	31	0.0732	19.4	0.00000737	0.0109	0.00343	0.0081	0.0343	0.0000297	21.1	0.0000048	0.000184	0.000239	0.000841	0.0635	0.00000438	3.91	0.00357	4.99	0.0737	0.00193	2.84	0.00565	0.00668	0.0000557	0.000462	0.00019	0.141	0.00000754	0.00032	0.000803	0.00235
2033 Dec	149	0.171	0.642	0.0176	31	0.0732	19.4	0.00000737	0.0109	0.00343	0.0081	0.0343	0.0000297	21.1	0.0000048	0.000184	0.000239	0.000841	0.0635	0.00000438	3.91	0.00357	4.99	0.0737	0.00193	2.84	0.00565	0.00668	0.0000557	0.000462	0.00019	0.141	0.00000754	0.00032	0.000803	0.00235
2034 Jan	149	0.171	0.642	0.0176	31	0.0732	19.4	0.00000737	0.0109	0.00343	0.0081	0.0343	0.0000297	21.1	0.0000048	0.000184	0.000239	0.000841	0.0635	0.00000438	3.91	0.00357	4.99	0.0737	0.00193	2.84	0.00565	0.00668	0.0000557	0.000462	0.00019	0.141	0.00000754	0.00032	0.000802	0.00235
2034 Feb	149	0.171	0.642	0.0176	31	0.0732	19.4	0.00000737	0.0109	0.00343	0.0081	0.0343	0.0000297	21.1	0.0000048	0.000184	0.000239	0.000841	0.0635	0.00000438	3.91	0.00357	4.99	0.0737	0.00193	2.84	0.00565	0.00668	0.0000557	0.000462	0.00019	0.141	0.00000754	0.00032	0.000802	0.00235
2034 Mar	149	0.171	0.642	0.0176	31	0.0732	19.4	0.00000737	0.0109	0.00343	0.0081	0.0343	0.0000297	21.1	0.0000048	0.000184	0.000239	0.000841	0.0635	0.00000438	3.91	0.00357	4.99	0.0737	0.00193	2.84	0.00565	0.00668	0.0000557	0.000462	0.00019	0.141	0.00000754	0.00032	0.000803	0.00235
2034 Apr	149	0.172	0.643	0.0176	31	0.0733	19.4	0.00000738	0.0109	0.00343	0.00811	0.0344	0.0000298	21.2	0.00000481	0.000184	0.00024	0.000842	0.0636	0.00000438	3.92	0.00357	5	0.0738	0.00193	2.85	0.00565	0.00669	0.0000558	0.000463	0.000191	0.141	0.00000755	0.00032	0.000804	0.00235
2034 May	150	0.173	0.647	0.0177	31.2	0.0737	19.5	0.00000743	0.011	0.00345	0.00816	0.0346	0.0000299	21.3	0.00000484	0.000185	0.000241	0.000847	0.0639	0.00000441	3.94	0.00359	5.03	0.0742	0.00194	2.86	0.00568	0.00673	0.0000561	0.000465	0.000192	0.142	0.00000759	0.000322	0.000808	0.00236
2034 Jun	148	0.162	0.628	0.0167	30.9	0.072	18.9	0.0000072	0.0107	0.00321	0.00787	0.034	0.0000281	20.9	0.00000468	0.000176	0.000232	0.000823	0.0615	0.00000423	3.89	0.00353	4.92	0.0716	0.00185	2.82	0.00534	0.00653	0.0000539	0.000442	0.000187	0.139	0.00000735	0.000308	0.000758	0.00228
2034 Jul	149	0.161	0.629	0.0166	31.1	0.0722	18.8	0.0000072	0.0107	0.00316	0.00785	0.0341	0.0000278	21	0.00000467	0.000175	0.000231	0.000823	0.0614	0.00000422	3.91	0.00355	4.94	0.0714	0.00183	2.83	0.00527	0.00653	0.0000537	0.000439	0.000187	0.14	0.00000734	0.000307	0.000748	0.00228
2034 Aug	151	0.161	0.632	0.0166	31.4	0.0727	18.9	0.00000724	0.0107	0.00316	0.00788	0.0344	0.0000278	21.1	0.0000047	0.000176	0.000232	0.000828	0.0616	0.00000423	3.94	0.00358	4.97	0.0717	0.00184	2.85	0.00527	0.00656	0.0000539	0.000439	0.000189	0.141	0.00000738	0.000308	0.000748	0.00229
2034 Sep	150	0.158	0.626	0.0163	31.2	0.072	18.7	0.00000716	0.0106	0.00309	0.00779	0.0342	0.0000273	21	0.00000465	0.000173	0.000229	0.00082	0.0609	0.00000418	3.92	0.00355	4.93	0.0709	0.00181	2.83	0.00517	0.0065	0.0000532	0.000432	0.000187	0.141	0.0000073	0.000304	0.000733	0.00226
2034 Oct	150	0.156	0.623	0.0161	31.2	0.0717	18.6	0.00000712	0.0105	0.00305	0.00774	0.0341	0.000027	20.9	0.00000462	0.000171	0.000227	0.000815	0.0605	0.00000415	3.91	0.00354	4.91	0.0704	0.00179	2.82	0.00511	0.00646	0.0000528	0.000429	0.000186	0.14	0.00000726	0.000301	0.000725	0.00225
2034 Nov	149	0.155	0.622	0.0161	31.2	0.0716	18.6	0.00000711	0.0105	0.00304	0.00772	0.034	0.0000269	20.9	0.00000461	0.000171	0.000227	0.000814	0.0603	0.00000414	3.9	0.00354	4.91	0.0702	0.00179	2.82	0.00509	0.00645	0.0000527	0.000427	0.000186	0.14	0.00000725	0.000301	0.000722	0.00225
2034 Dec	149	0.155	0.622	0.0161	31.2	0.0716	18.6	0.00000711	0.0105	0.00304	0.00772	0.034	0.0000269	20.9	0.00000461	0.000171	0.000227	0.000814	0.0603	0.00000414	3.9	0.00354	4.91	0.0702	0.00179	2.82	0.00509	0.00645	0.0000527	0.000427	0.000186	0.14	0.00000725	0.000301	0.000722	0.00225
2035 Jan	149	0.155	0.621	0.0161	31.2	0.0716	18.6	0.00000711	0.0105	0.00304	0.00772	0.034	0.0000269	20.9	0.00000461	0.000171	0.000227	0.000814	0.0603	0.00000414	3.9	0.00354	4.91	0.0702	0.00179	2.82	0.00509	0.00645	0.0000527	0.000427	0.000186	0.14	0.00000725	0.000301	0.000722	0.00225
2035 Feb	150	0.155	0.621	0.0161	31.2	0.0716	18.6	0.00000711	0.0105	0.00304	0.00772	0.034	0.0000269	20.9	0.00000461	0.000171	0.000227	0.000814	0.0603	0.00000414	3.9	0.00354	4.91	0.0702	0.00179	2.82	0.00509	0.00645	0.0000527	0.000427	0.000186	0.14	0.00000725	0.000301	0.000722	0.00225
2035 Mar	150	0.155	0.622	0.0161	31.2	0.0716	18.6	0.00000711	0.0105	0.00304	0.00772	0.034	0.0000269	20.9	0.00000461	0.000171	0.000227	0.000814	0.0603	0.00000414	3.9	0.00354	4.91	0.0702	0.00179	2.82	0.00509	0.00645	0.0000527	0.000427	0.000186	0.14	0.00000725	0.000301	0.000722	0.00225
2035 Apr	150	0.156	0.622	0.0161	31.2	0.0717	18.6	0.00000712	0.0105	0.00304	0.00773	0.0341	0.0000269	20.9	0.00000462	0.000171	0.000227	0.000815	0.0604	0.00000414	3.91	0.00354	4.91	0.0703	0.00179	2.82	0.0051	0.00646	0.0000528	0.000428	0.000186	0.14	0.00000726	0.000301	0.000723	0.00225
2035 May	151	0.156	0.626	0.0162	31.4	0.0721	18.7	0.00000716	0.0106	0.00306	0.00778	0.0343	0.0000271	21	0.00000464	0.000172	0.000228	0.00082	0.0607	0.00000417	3.93	0.00356	4.94	0.0707	0.0018	2.84	0.00513	0.0065	0.0000531	0.00043	0.000187	0.141	0.0000073	0.000303	0.000727	0.00226
2035 Jun	149	0.148	0.609	0.0153	31	0.0705	18.1	0.00000695	0.0103	0.00286	0.00751	0.0337	0.0000255	20.6	0.0000045	0.000165	0.00022	0.000798	0.0586	0.00000401	3.87	0.0035	4.84	0.0684	0.00172	2.79	0.00483	0.00631	0.0000511	0.00041	0.000183	0.139	0.00000708	0.000291	0.000683	0.00219
2035 Jul	150	0.146	0.61	0.0152	31.3	0.0708	18.2	0.00000696	0.0103	0.00282	0.00751	0.0339	0.0000253	20.8	0.00000451	0.000164	0.00022	0.0008	0.0586	0.000004	3.9	0.00353	4.87	0.0683	0.00171	2.81	0.00478	0.00633	0.000051	0.000408	0.000183	0.14	0.00000709	0.00029	0.000676	0.00219
2035 Aug	152	0.146	0.614	0.0152	31.6	0.0713	18.3	0.00000701	0.0104	0.00282	0.00755	0.0342	0.0000253	20.9	0.00000453	0.000164	0.000221	0.000805	0.0589	0.00000402	3.93	0.00355	4.9	0.0687	0.00172	2.83	0.00478	0.00636	0.0000512	0.000409	0.000184	0.141	0.00000713	0.000291	0.000677	0.0022
2035 Sep	151	0.144	0.609	0.015	31.4	0.0707	18.1	0.00000694	0.0103	0.00276	0.00747	0.034	0.0000248	20.8	0.00000449	0.000162	0.000218	0.000798	0.0582	0.00000397	3.91	0.00353	4.87	0.0679	0.00169	2.82	0.0047	0.0063	0.0000506	0.000403	0.000183	0.14	0.00000706	0.000287	0.000664	0.00218
2035 Oct	151	0.142	0.605	0.0148	31.4	0.0704	18	0.0000069	0.0102	0.00273	0.00742	0.0339	0.0000246	20.7	0.00000446	0.000161	0.000217	0.000793	0.0578	0.00000395	3.9	0.00352	4.85	0.0675	0.00168	2.81	0.00465	0.00627	0.0000503	0.000399	0.000182	0.14	0.00000702	0.000285	0.000657	0.00217
2035 Nov	150	0.142	0.604	0.0148	31.3	0.0703	17.9	0.00000689	0.0102	0.00272	0.00741	0.0338	0.0000245	20.7	0.00000445	0.00016	0.000216	0.000792	0.0577	0.00000394	3.9	0.00351	4.84	0.0674	0.00167	2.8	0.00463	0.00626	0.0000502	0.000398	0.000182	0.139	0.00000701	0.000285	0.000654	0.00216
2035 Dec	150	0.142	0.604	0.0148	31.3	0.0703	17.9	0.00000689	0.0102	0.00272	0.00741	0.0338	0.0000245	20.7	0.00000445	0.00016	0.000216	0.000792	0.0577	0.00000394	3.9	0.00351	4.84	0.0674	0.00167	2.8	0.00463	0.00626	0.0000502	0.000398	0.000182	0.139	0.000007	0.000284	0.000654	0.00216
2036 Jan	150	0.142	0.604	0.0148	31.3	0.0703	17.9	0.00000689	0.0102	0.00272	0.00741	0.0338	0.0000245	20.7	0.00000445	0.00016	0.000216	0.000792	0.0577	0.00000394	3.9	0.00351	4.84	0.0674	0.00167	2.8	0.00463	0.00626	0.0000502	0.000398	0.000182	0.139	0.000007	0.000284	0.000654	0.00216
2036 Feb	150	0.142	0.604	0.0148	31.3	0.0703	17.9	0.00000689	0.0102	0.00272	0.00741	0.0338	0.0000245	20.7	0.00000445	0.00016	0.000216	0.000792	0.0577	0.00000394	3.9	0.00351	4.84	0.0674	0.00167	2.8	0.00463	0.00626	0.0000502	0.000398	0.000182	0.139	0.000007	0.000284	0.000654	0.00216
2036 Mar	150	0.142	0.604	0.0148	31.3	0.0703	17.9	0.00000689	0.0102	0.00272	0.00741	0.0338	0.0000245	20.7	0.00000445	0.00016	0.000216	0.000792	0.0577	0.00000394	3.9	0.00352	4.84	0.0674	0.00167	2.8	0.00463	0.00626	0.0000502	0.000398	0.000182	0.139	0.00000701	0.000285	0.000654	0.00216
2036 Apr	151	0.142	0.605	0.0148	31.4	0.0704	18	0.0000069	0.0102	0.00272	0.00742	0.0339	0.0000245	20.7	0.00000446	0.000161	0.000216	0.000793	0.0578	0.00000394	3.9	0.00352	4.85	0.0675	0.00168	2.81	0.00464	0.00627	0.0000503	0.000398	0.000182	0.14	0.00000702	0.000285	0.000655	0.00217
2036 May	152	0.143	0.609	0.0149	31.6	0.0708	18.1	0.00000694	0.0103	0.00274	0.00746	0.0341	0.0000247	20.8	0.00000448	0.000161	0.000218	0.000798	0.0581	0.00000397	3.93	0.00354	4.87	0.0679	0.00169	2.82	0.00466	0.0063	0.0000506	0.000401	0.000183	0.141	0.00000706	0.000287	0.000659	0.00218
2036 Jun	150	0.135	0.593	0.0141	31.2	0.0693	17.5	0.00000675	0.01	0.00256	0.00723	0.0335	0.0000233	20.4	0.00000436	0.000155	0.00021	0.000778	0.0562	0.00000383	3.87	0.00348	4.78	0.0657	0.00161	2.78	0.0044	0.00614	0.0000488	0.000383	0.000179	0.138	0.00000686	0.000276	0.000621	0.00211
2036 Jul	151	0.134	0.595	0.014	31.5	0.0696	17.6	0.00000677	0.01	0.00253	0.00723	0.0337	0.0000231	20.6	0.00000436	0.000154	0.00021	0.00078	0.0562	0.00000382	3.9	0.00351	4.8	0.0658	0.00161	2.8	0.00436	0.00615	0.0000488	0.000381	0.00018	0.139	0.00000687	0.000275	0.000615	0.00212
2036 Aug	153	0.135	0.599	0.0141	31.7	0.0701	17.7	0.00000681	0.0101	0.00253	0.00727	0.034	0.0000232	20.7	0.00000439	0.000155	0.000211	0.000785	0.0565	0.00000384	3.93	0.00353	4.84	0.0661	0.00161	2.82	0.00437	0.00619	0.000049	0.000383	0.000181	0.14	0.00000691	0.000277	0.000616	0.00213
2036 Sep	152	0.132	0.593	0.0138	31.6	0.0696	17.5	0.00000674	0.00999	0.00248	0.00719	0.0338	0.0000227	20.6	0.00000435	0.000153	0.000209	0.000778	0.0559	0.0000038	3.91	0.00351	4.8	0.0654	0.00159	2.8	0.00429	0.00613	0.0000484	0.000377	0.00018	0.14	0.00000685	0.000273	0.000605	0.00211
2036 Oct	151	0.131	0.59	0.0137	31.5	0.0693	17.4	0.00000671	0.00994	0.00245	0.00715	0.0337	0.0000225	20.5	0.00000432	0.000152	0.000208	0.000774	0.0555	0.00000377	3.89	0.0035	4.78	0.065	0.00158	2.79	0.00425	0.0061	0.0000481	0.000374	0.000179	0.139	0.00000681	0.000271	0.000599	0.00209
2036 Nov	151	0.13	0.589	0.0137	31.4	0.0692	17.4	0.0000067	0.00992	0.00244	0.00713	0.0336	0.0000224	20.5	0.00000431	0.000151	0.000207	0.000773	0.0554	0.00000376	3.89	0.00349	4.78	0.0649	0.00157	2.79	0.00423	0.00609	0.000048	0.000373	0.000178	0.139	0.0000068	0.000271	0.000596	0.00209
2036 Dec	151	0.13	0.589	0.0137	31.4	0.0692	17.4	0.0000067	0.00992	0.00244	0.00713	0.0336	0.0000224	20.5	0.00000431	0.000151	0.000207	0.000773	0.0554	0.00000376	3.89	0.00349	4.78	0.0649	0.00157	2.79	0.00423	0.00609	0.000048	0.000373	0.000178	0.139	0.0000068	0.000271	0.000596	0.00209
2037 Jan	151	0.13	0.589	0.0137	31.4	0.0692	17.4	0.0000067	0.00992	0.00244	0.00713	0.0336	0.0000224	20.5	0.00000431	0.000151	0.000207	0.000773	0.0554	0.00000376	3.89	0.00349	4.78	0.0649	0.00157	2.79	0.00423	0.00609	0.000048	0.000373	0.000178	0.139	0.0000068	0.000271	0.000596	0.00209
2037 Feb	151	0.13	0.589	0.0137	31.4	0.0692	17.4	0.0000067	0.00992	0.00244	0.00713	0.0336	0.0000224	20.5	0.00000431	0.000151	0.000207	0.000773	0.0554	0.00000376	3.89	0.00349	4.78	0.0649	0.00157	2.79	0.00423	0.00609	0.000048	0.000373	0.000178	0.139	0.0000068	0.000271	0.000596	0.00209
2037 Mar	151	0.13	0.589	0.0137	31.4	0.0692	17.4	0.0000067	0.00992	0.00244	0.00713	0.0336	0.0000224	20.5	0.00000431	0.000151	0.000207	0.000773	0.0554	0.00000376	3.89	0.00349	4.78	0.0649	0.00157	2.79	0.00423	0.00609	0.000048	0.000373	0.000178	0.139	0.0000068	0.000271	0.000596	0.00209
2037 Apr	151	0.131	0.59	0.0137	31.5	0.0693	17.4	0.00000671	0.00994	0.00245	0.00714	0.0337	0.0000225	20.5	0.00000432	0.000151	0.000207	0.000774	0.0555	0.00000377	3.89	0.0035	4.78	0.065	0.00158	2.79	0.00424	0.0061	0.0000481	0.000373	0.000179	0.139	0.00000681	0.000271	0.000597	0.00209
2037 May	152	0.131	0.594	0.0138	31.7	0.0697	17.5	0.00000674	0.00999	0.00246	0.00719	0.0339	0.0000226	20.6	0.00000434	0.000152	0.000209	0.000778	0.0558	0.00000379	3.92	0.00352	4.81	0.0654	0.00158	2.81	0.00426	0.00614	0.0000484	0.000375	0.00018	0.14	0.00000684	0.000273	0.0006	0.0021
2037 Jun	151	0.125	0.579	0.0131	31.3	0.0683	17	0.00000657	0.00974	0.00231	0.00698	0.0333	0.0000214	20.3	0.00000423	0.000146	0.000202	0.00076	0.0541	0.00000367	3.86	0.00346	4.72	0.0635	0.00152	2.76	0.00404	0.00598	0.0000468	0.00036	0.000176	0.138	0.00000667	0.000263	0.000568	0.00205
2037 Jul	152	0.124	0.581	0.013	31.6	0.0686	17.1	0.00000659	0.00977	0.00229	0.00699	0.0335	0.0000213	20.4	0.00000424	0.000146	0.000202	0.000763	0.0542	0.00000367	3.89	0.00349	4.75	0.0635	0.00152	2.78	0.00401	0.006	0.0000468	0.000359	0.000177	0.139	0.00000668	0.000263	0.000563	0.00205
2037 Aug	153	0.124	0.585	0.0131	31.8	0.0691	17.2	0.00000664	0.00983	0.00229	0.00703	0.0338	0.0000213	20.5	0.00000426	0.000147	0.000203	0.000768	0.0545	0.00000369	3.92	0.00351	4.78	0.0639	0.00152	2.8	0.00401	0.00604	0.000047	0.00036	0.000178	0.14	0.00000672	0.000264	0.000564	0.00206
2037 Sep	152	0.122	0.58	0.0129	31.7	0.0686	17	0.00000658	0.00975	0.00224	0.00696	0.0336	0.000021	20.4	0.00000423	0.000145	0.000201	0.000761	0.0539	0.00000365	3.9	0.00349	4.75	0.0633	0.0015	2.79	0.00395	0.00599	0.0000465	0.000355	0.000177	0.139	0.00000666	0.000261	0.000555	0.00204
2037 Oct	152	0.121	0.578	0.0128	31.6	0.0683	16.9	0.00000655	0.0097	0.00222	0.00692	0.0335	0.0000208	20.3	0.0000042	0.000144	0.0002	0.000758	0.0536	0.00000363	3.89	0.00348	4.73	0.0629	0.00149	2.78	0.00391	0.00596	0.0000463	0.000353	0.000176	0.139	0.00000663	0.00026	0.000549	0.00203
2037 Nov	152	0.121	0.577	0.0127	31.6	0.0682	16.9	0.00000654	0.00969	0.00221	0.00691	0.0335	0.0000207	20.3	0.0000042	0.000143	0.000199	0.000757	0.0535	0.00000362	3.88	0.00348	4.73	0.0628	0.00149	2.77	0.0039	0.00595	0.0000462	0.000352	0.000176	0.139	0.00000662	0.000259	0.000548	0.00203
2037 Dec	152	0.121	0.577	0.0127	31.6	0.0682	16.9	0.00000654	0.00969	0.00221	0.00691	0.0335	0.0000207	20.3	0.0000042	0.000143	0.000199	0.000757	0.0535	0.00000362	3.88	0.00348	4.73	0.0628	0.00149	2.77	0.0039	0.00595	0.0000462	0.000352	0.000176	0.139	0.00000662	0.000259	0.000547	0.00203
2038 Jan	152	0.121	0.577	0.0127	31.6	0.0682	16.9	0.00000654	0.00969	0.00221	0.00691	0.0335	0.0000207	20.3	0.0000042	0.000143	0.000199	0.000757	0.0535	0.00000362	3.88	0.00348	4.73	0.0628	0.00149	2.77	0.0039	0.00595	0.0000462	0.000352	0.000176	0.139	0.00000662	0.000259	0.000547	0.00203
2038 Feb	152	0.121	0.577	0.0127	31.6	0.0682	16.9	0.00000654	0.00969	0.00221	0.00691	0.0335	0.0000207	20.3	0.0000042	0.000143	0.000199	0.000757	0.0535	0.00000362	3.88	0.00348	4.73	0.0628	0.00149	2.77	0.0039	0.00595	0.0000462	0.000352	0.000176	0.139	0.00000662	0.000259	0.000547	0.00203
2038 Mar	152	0.121	0.577	0.0127	31.6	0.0682	16.9	0.00000654	0.00969	0.00221	0.00691	0.0335	0.0000207	20.3	0.0000042	0.000143	0.000199	0.000757	0.0535	0.00000362	3.88	0.00348	4.73	0.0628	0.00149	2.77	0.0039	0.00595	0.0000462	0.000352	0.000176	0.139	0.00000662	0.000259	0.000547	0.00203
2038 Apr	152	0.121	0.577	0.0128	31.6	0.0683	16.9	0.00000655	0.0097	0.00221	0.00692	0.0335	0.0000207	20.3	0.0000042	0.000144	0.0002	0.000758	0.0536	0.00000362	3.89	0.00348	4.73	0.0629	0.00149	2.78	0.0039	0.00596	0.0000463	0.000352	0.000176	0.139	0.00000663	0.000259	0.000548	0.00203
2038 May	153	0.122	0.581	0.0128	31.8	0.0687	17	0.00000658	0.00976	0.00223	0.00696	0.0337	0.0000208	20.5	0.00000423	0.000144	0.000201	0.000762	0.0539	0.00000365	3.91	0.0035	4.76	0.0633	0.0015	2.8	0.00392	0.006	0.0000466	0.000354	0.000177	0.14	0.00000667	0.000261	0.000551	0.00204
2038 Jun	151	0.116	0.568	0.0123	31.4	0.0674	16.6	0.00000643	0.00953	0.0021	0.00676	0.0332	0.0000198	20.1	0.00000412	0.000139	0.000195	0.000745	0.0523	0.00000353	3.86	0.00345	4.68	0.0615	0.00144	2.75	0.00373	0.00585	0.0000451	0.00034	0.000173	0.138	0.0000065	0.000252	0.000523	0.00199
2038 Jul	152	0.115	0.571	0.0122	31.7	0.0678	16.7	0.00000646	0.00957	0.00208	0.00679	0.0334	0.0000197	20.3	0.00000414	0.000139	0.000195	0.000749	0.0525	0.00000354	3.89	0.00347	4.71	0.0617	0.00144	2.77	0.00371	0.00588	0.0000452	0.00034	0.000174	0.139	0.00000653	0.000253	0.00052	0.002
2038 Aug	154	0.116	0.575	0.0123	32	0.0684	16.8	0.00000651	0.00965	0.00209	0.00684	0.0337	0.0000198	20.4	0.00000417	0.00014	0.000197	0.000755	0.0529	0.00000357	3.92	0.00351	4.75	0.0622	0.00145	2.8	0.00373	0.00593	0.0000455	0.000342	0.000176	0.14	0.00000658	0.000255	0.000522	0.00201
2038 Sep	153	0.114	0.57	0.0121	31.8	0.0679	16.6	0.00000645	0.00957	0.00205	0.00677	0.0335	0.0000195	20.3	0.00000413	0.000138	0.000195	0.000749	0.0524	0.00000353	3.9	0.00348	4.72	0.0616	0.00144	2.78	0.00367	0.00588	0.0000451	0.000338	0.000174	0.139	0.00000653	0.000252	0.000514	0.002
2038 Oct	153	0.113	0.568	0.012	31.7	0.0676	16.5	0.00000642	0.00952	0.00203	0.00674	0.0334	0.0000193	20.2	0.00000411	0.000138	0.000194	0.000746	0.0521	0.00000351	3.89	0.00347	4.7	0.0613	0.00143	2.77	0.00364	0.00585	0.0000449	0.000335	0.000174	0.139	0.00000649	0.00025	0.000509	0.00199
2038 Nov	153	0.113	0.567	0.012	31.7	0.0675	16.5	0.00000641	0.0095	0.00202	0.00672	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000193	0.000744	0.052	0.0000035	3.88	0.00347	4.69	0.0612	0.00142	2.77	0.00362	0.00584	0.0000448	0.000334	0.000173	0.138	0.00000648	0.00025	0.000507	0.00198
2038 Dec	153	0.113	0.567	0.012	31.7	0.0675	16.5	0.00000641	0.0095	0.00202	0.00672	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000193	0.000744	0.052	0.0000035	3.88	0.00347	4.69	0.0612	0.00142	2.77	0.00362	0.00584	0.0000448	0.000334	0.000173	0.138	0.00000648	0.00025	0.000507	0.00198
2039 Jan	153	0.113	0.567	0.012	31.7	0.0675	16.5	0.00000641	0.0095	0.00202	0.00672	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000193	0.000744	0.052	0.0000035	3.88	0.00347	4.69	0.0612	0.00142	2.77	0.00362	0.00584	0.0000448	0.000334	0.000173	0.138	0.00000648	0.00025	0.000507	0.00198
2039 Feb	153	0.113	0.567	0.012	31.7	0.0675	16.5	0.00000641	0.0095	0.00202	0.00672	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000193	0.000744	0.052	0.0000035	3.88	0.00347	4.69	0.0612	0.00142	2.77	0.00362	0.00584	0.0000448	0.000334	0.000173	0.138	0.00000648	0.00025	0.000507	0.00198
2039 Mar	153	0.113	0.567	0.012	31.7	0.0675	16.5	0.00000641	0.00951	0.00202	0.00672	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000193	0.000744	0.052	0.0000035	3.88	0.00347	4.69	0.0612	0.00142	2.77	0.00362	0.00584	0.0000448	0.000334	0.000173	0.138	0.00000648	0.00025	0.000507	0.00198
2039 Apr	153	0.113	0.568	0.012	31.7	0.0676	16.5	0.00000642	0.00952	0.00202	0.00673	0.0334	0.0000193	20.2	0.00000411	0.000137	0.000194	0.000745	0.0521	0.00000351	3.89	0.00347	4.7	0.0613	0.00142	2.77	0.00363	0.00585	0.0000448	0.000335	0.000174	0.139	0.00000649	0.00025	0.000508	0.00198
2039 May	154	0.114	0.571	0.0121	31.9	0.068	16.6	0.00000646	0.00958	0.00203	0.00677	0.0336	0.0000194	20.4	0.00000414	0.000138	0.000195	0.00075	0.0524	0.00000353	3.91	0.00349	4.73	0.0616	0.00143	2.79	0.00365	0.00589	0.0000451	0.000337	0.000175	0.14	0.00000653	0.000252	0.000511	0.002

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	152	0.109	0.559	0.0116	31.5	0.0667	16.2	0.00000631	0.00936	0.00192	0.0066	0.0331	0.0000185	20	0.00000404	0.000134	0.000189	0.000734	0.0509	0.00000343	3.86	0.00344	4.64	0.06	0.00138	2.75	0.00348	0.00575	0.0000438	0.000325	0.000171	0.137	0.00000638	0.000244	0.000486	0.00195
2039 Jul	153	0.108	0.561	0.0115	31.8	0.0671	16.3	0.00000634	0.0094	0.00191	0.00662	0.0333	0.0000185	20.2	0.00000405	0.000134	0.00019	0.000737	0.0511	0.00000344	3.89	0.00346	4.67	0.0602	0.00138	2.76	0.00346	0.00578	0.0000439	0.000324	0.000172	0.138	0.0000064	0.000244	0.000484	0.00195
2039 Aug	154	0.109	0.566	0.0116	32.1	0.0677	16.4	0.00000639	0.00947	0.00191	0.00667	0.0336	0.0000185	20.3	0.00000409	0.000134	0.000191	0.000743	0.0515	0.00000346	3.92	0.00349	4.71	0.0607	0.00139	2.79	0.00348	0.00583	0.0000442	0.000326	0.000174	0.14	0.00000645	0.000246	0.000486	0.00197
2039 Sep	154	0.107	0.561	0.0114	31.9	0.0672	16.3	0.00000634	0.0094	0.00188	0.00661	0.0334	0.0000183	20.2	0.00000405	0.000133	0.000189	0.000737	0.051	0.00000343	3.9	0.00347	4.68	0.0601	0.00137	2.77	0.00342	0.00578	0.0000438	0.000322	0.000172	0.139	0.0000064	0.000243	0.000478	0.00195
2039 Oct	153	0.106	0.559	0.0113	31.8	0.0669	16.2	0.00000631	0.00935	0.00186	0.00657	0.0333	0.0000181	20.1	0.00000403	0.000132	0.000188	0.000734	0.0507	0.00000341	3.88	0.00346	4.66	0.0598	0.00137	2.76	0.00339	0.00575	0.0000436	0.00032	0.000172	0.138	0.00000637	0.000242	0.000474	0.00194
2039 Nov	153	0.106	0.558	0.0113	31.8	0.0668	16.2	0.0000063	0.00934	0.00185	0.00656	0.0333	0.000018	20.1	0.00000402	0.000132	0.000188	0.000733	0.0506	0.0000034	3.88	0.00346	4.66	0.0597	0.00136	2.76	0.00338	0.00574	0.0000435	0.000319	0.000171	0.138	0.00000636	0.000241	0.000473	0.00194
2039 Dec	153	0.106	0.558	0.0113	31.8	0.0668	16.2	0.0000063	0.00934	0.00185	0.00656	0.0333	0.000018	20.1	0.00000402	0.000132	0.000188	0.000733	0.0506	0.0000034	3.88	0.00346	4.66	0.0597	0.00136	2.76	0.00338	0.00574	0.0000435	0.000319	0.000171	0.138	0.00000636	0.000241	0.000473	0.00194
2040 Jan	153	0.106	0.558	0.0113	31.8	0.0668	16.2	0.0000063	0.00934	0.00185	0.00656	0.0333	0.000018	20.1	0.00000402	0.000132	0.000188	0.000733	0.0506	0.0000034	3.88	0.00346	4.66	0.0597	0.00136	2.76	0.00338	0.00574	0.0000435	0.000319	0.000171	0.138	0.00000636	0.000241	0.000473	0.00194
2040 Feb	153	0.106	0.558	0.0113	31.8	0.0668	16.2	0.0000063	0.00934	0.00185	0.00656	0.0333	0.000018	20.1	0.00000402	0.000132	0.000188	0.000733	0.0506	0.0000034	3.88	0.00346	4.66	0.0597	0.00136	2.76	0.00338	0.00574	0.0000435	0.000319	0.000171	0.138	0.00000636	0.000241	0.000473	0.00194
2040 Mar	153	0.106	0.558	0.0113	31.8	0.0668	16.2	0.0000063	0.00934	0.00185	0.00656	0.0333	0.000018	20.1	0.00000402	0.000132	0.000188	0.000733	0.0506	0.0000034	3.88	0.00346	4.66	0.0597	0.00136	2.76	0.00338	0.00574	0.0000435	0.000319	0.000171	0.138	0.00000636	0.000241	0.000473	0.00194
2040 Apr	153	0.106	0.559	0.0113	31.8	0.0669	16.2	0.00000631	0.00935	0.00186	0.00657	0.0333	0.0000181	20.1	0.00000403	0.000132	0.000188	0.000734	0.0507	0.00000341	3.89	0.00346	4.66	0.0598	0.00136	2.76	0.00339	0.00575	0.0000436	0.00032	0.000172	0.138	0.00000637	0.000242	0.000473	0.00194
2040 May	154	0.107	0.562	0.0114	32	0.0673	16.3	0.00000634	0.00941	0.00187	0.00661	0.0335	0.0000182	20.2	0.00000405	0.000133	0.000189	0.000738	0.051	0.00000343	3.91	0.00348	4.69	0.0601	0.00137	2.78	0.00341	0.00579	0.0000438	0.000322	0.000173	0.139	0.00000641	0.000243	0.000476	0.00195
2040 Jun	152	0.102	0.55	0.0109	31.6	0.0661	15.9	0.00000621	0.0092	0.00177	0.00645	0.033	0.0000174	19.9	0.00000396	0.000128	0.000184	0.000723	0.0497	0.00000333	3.85	0.00343	4.61	0.0587	0.00133	2.74	0.00326	0.00566	0.0000426	0.000311	0.000169	0.137	0.00000626	0.000236	0.000454	0.00191
2040 Jul	154	0.102	0.554	0.0109	31.9	0.0666	16	0.00000624	0.00926	0.00176	0.00648	0.0333	0.0000174	20.1	0.00000398	0.000129	0.000185	0.000728	0.0499	0.00000335	3.89	0.00346	4.64	0.059	0.00133	2.76	0.00325	0.0057	0.0000428	0.000311	0.000171	0.138	0.0000063	0.000237	0.000453	0.00192
2040 Aug	155	0.103	0.558	0.011	32.2	0.0672	16.1	0.00000629	0.00933	0.00177	0.00653	0.0335	0.0000175	20.2	0.00000402	0.00013	0.000187	0.000734	0.0503	0.00000337	3.92	0.00349	4.68	0.0594	0.00134	2.78	0.00327	0.00574	0.0000431	0.000313	0.000172	0.14	0.00000635	0.000239	0.000455	0.00193
2040 Sep	154	0.101	0.554	0.0109	32	0.0666	16	0.00000624	0.00926	0.00174	0.00647	0.0333	0.0000172	20.1	0.00000398	0.000128	0.000185	0.000728	0.0498	0.00000334	3.9	0.00346	4.65	0.0589	0.00132	2.77	0.00322	0.0057	0.0000427	0.000309	0.000171	0.139	0.00000629	0.000236	0.000449	0.00191
2040 Oct	154	0.1	0.551	0.0108	31.9	0.0664	15.9	0.00000621	0.00921	0.00172	0.00644	0.0332	0.0000171	20	0.00000396	0.000127	0.000184	0.000725	0.0496	0.00000332	3.88	0.00345	4.63	0.0586	0.00131	2.76	0.00319	0.00567	0.0000425	0.000307	0.00017	0.138	0.00000626	0.000235	0.000445	0.00191
2040 Nov	153	0.1	0.551	0.0108	31.9	0.0663	15.9	0.0000062	0.0092	0.00171	0.00643	0.0332	0.000017	20	0.00000396	0.000127	0.000183	0.000723	0.0495	0.00000331	3.88	0.00345	4.63	0.0585	0.00131	2.75	0.00318	0.00566	0.0000424	0.000307	0.00017	0.138	0.00000625	0.000235	0.000443	0.0019
2040 Dec	153	0.1	0.551	0.0108	31.9	0.0663	15.9	0.0000062	0.0092	0.00171	0.00643	0.0332	0.000017	20	0.00000396	0.000127	0.000183	0.000723	0.0495	0.00000331	3.88	0.00345	4.63	0.0585	0.00131	2.75	0.00318	0.00566	0.0000424	0.000307	0.00017	0.138	0.00000625	0.000235	0.000443	0.0019
2041 Jan	153	0.1	0.551	0.0108	31.9	0.0663	15.9	0.0000062	0.0092	0.00171	0.00643	0.0332	0.000017	20	0.00000396	0.000127	0.000183	0.000723	0.0495	0.00000331	3.88	0.00345	4.63	0.0585	0.00131	2.75	0.00318	0.00566	0.0000424	0.000307	0.00017	0.138	0.00000625	0.000235	0.000443	0.0019
2041 Feb	153	0.1	0.551	0.0108	31.9	0.0663	15.9	0.0000062	0.0092	0.00171	0.00643	0.0332	0.000017	20	0.00000396	0.000127	0.000183	0.000723	0.0495	0.00000331	3.88	0.00345	4.63	0.0585	0.00131	2.75	0.00318	0.00566	0.0000424	0.000307	0.00017	0.138	0.00000625	0.000235	0.000443	0.0019
2041 Mar	153	0.1	0.551	0.0108	31.9	0.0663	15.9	0.0000062	0.0092	0.00171	0.00643	0.0332	0.000017	20	0.00000396	0.000127	0.000183	0.000724	0.0495	0.00000331	3.88	0.00345	4.63	0.0585	0.00131	2.75	0.00318	0.00566	0.0000424	0.000307	0.00017	0.138	0.00000625	0.000235	0.000443	0.0019
2041 Apr	154	0.1	0.551	0.0108	31.9	0.0664	15.9	0.00000621	0.00921	0.00172	0.00644	0.0332	0.000017	20	0.00000396	0.000127	0.000184	0.000725	0.0496	0.00000332	3.88	0.00345	4.63	0.0586	0.00131	2.76	0.00319	0.00567	0.0000425	0.000307	0.00017	0.138	0.00000626	0.000235	0.000444	0.00191
2041 May	155	0.101	0.555	0.0108	32.1	0.0668	16	0.00000625	0.00927	0.00173	0.00647	0.0334	0.0000171	20.2	0.00000399	0.000128	0.000185	0.000729	0.0498	0.00000334	3.91	0.00347	4.66	0.0589	0.00132	2.77	0.00321	0.0057	0.0000427	0.000309	0.000171	0.139	0.0000063	0.000236	0.000446	0.00192
2041 Jun	153	0.0969	0.544	0.0104	31.7	0.0656	15.7	0.00000612	0.00908	0.00164	0.00632	0.0329	0.0000164	19.8	0.0000039	0.000124	0.00018	0.000714	0.0486	0.00000325	3.85	0.00342	4.58	0.0575	0.00128	2.73	0.00307	0.00559	0.0000416	0.000299	0.000168	0.137	0.00000617	0.00023	0.000428	0.00187
2041 Jul	154	0.0969	0.547	0.0104	31.9	0.0661	15.8	0.00000616	0.00913	0.00164	0.00636	0.0332	0.0000164	20	0.00000392	0.000125	0.000181	0.000719	0.0489	0.00000327	3.88	0.00345	4.62	0.0578	0.00128	2.75	0.00307	0.00562	0.0000418	0.0003	0.000169	0.138	0.0000062	0.000231	0.000427	0.00188
2041 Aug	155	0.0974	0.552	0.0105	32.2	0.0666	15.9	0.00000621	0.00921	0.00164	0.00641	0.0335	0.0000165	20.2	0.00000395	0.000125	0.000182	0.000725	0.0493	0.00000329	3.92	0.00348	4.66	0.0583	0.00129	2.78	0.00309	0.00567	0.0000421	0.000302	0.00017	0.139	0.00000625	0.000232	0.000429	0.0019
2041 Sep	154	0.0962	0.547	0.0104	32.1	0.0662	15.8	0.00000616	0.00914	0.00162	0.00635	0.0333	0.0000163	20	0.00000392	0.000124	0.000181	0.00072	0.0488	0.00000326	3.89	0.00346	4.63	0.0578	0.00128	2.76	0.00305	0.00563	0.0000417	0.000298	0.000169	0.139	0.0000062	0.00023	0.000423	0.00188
2041 Oct	154	0.0955	0.545	0.0103	32	0.0659	15.7	0.00000613	0.0091	0.0016	0.00632	0.0331	0.0000162	20	0.0000039	0.000124	0.00018	0.000717	0.0486	0.00000325	3.88	0.00344	4.61	0.0575	0.00127	2.75	0.00302	0.0056	0.0000416	0.000297	0.000169	0.138	0.00000618	0.000229	0.00042	0.00188
2041 Nov	154	0.0952	0.544	0.0103	31.9	0.0658	15.7	0.00000612	0.00908	0.0016	0.00631	0.0331	0.0000161	19.9	0.0000039	0.000123	0.00018	0.000715	0.0485	0.00000324	3.88	0.00344	4.6	0.0574	0.00127	2.75	0.00301	0.00559	0.0000415	0.000296	0.000168	0.138	0.00000617	0.000229	0.000419	0.00187
2041 Dec	154	0.0952	0.544	0.0103	31.9	0.0658	15.7	0.00000612	0.00908	0.0016	0.00631	0.0331	0.0000161	19.9	0.0000039	0.000123	0.00018	0.000715	0.0485	0.00000324	3.88	0.00344	4.6	0.0574	0.00127	2.75	0.00301	0.00559	0.0000415	0.000296	0.000168	0.138	0.00000617	0.000229	0.000419	0.00187
2042 Jan	154	0.0952	0.544	0.0103	31.9	0.0658	15.7	0.00000612	0.00908	0.0016	0.00631	0.0331	0.0000161	19.9	0.0000039	0.000123	0.00018	0.000715	0.0485	0.00000324	3.88	0.00344	4.6	0.0574	0.00127	2.75	0.00301	0.00559	0.0000415	0.000296	0.000168	0.138	0.00000617	0.000229	0.000419	0.00187
2042 Feb	154	0.0952	0.544	0.0103	31.9	0.0658	15.7	0.00000612	0.00908	0.0016	0.00631	0.0331	0.0000161	19.9	0.0000039	0.000123	0.00018	0.000715	0.0485	0.00000324	3.88	0.00344	4.6	0.0574	0.00127	2.75	0.00301	0.00559	0.0000415	0.000296	0.000168	0.138	0.00000617	0.000229	0.000419	0.00187
2042 Mar	154	0.0952	0.544	0.0103	31.9	0.0658	15.7	0.00000612	0.00908	0.0016	0.00631	0.0331	0.0000161	19.9	0.0000039	0.000123	0.00018	0.000715	0.0485	0.00000324	3.88	0.00344	4.6	0.0574	0.00127	2.75	0.00301	0.00559	0.0000415	0.000296	0.000168	0.138	0.00000617	0.000229	0.000419	0.00187
2042 Apr	154	0.0953	0.545	0.0103	32	0.0659	15.7	0.00000613	0.0091	0.0016	0.00632	0.0331	0.0000162	20	0.0000039	0.000123	0.00018	0.000717	0.0486	0.00000325	3.88	0.00344	4.61	0.0575	0.00127	2.75	0.00302	0.0056	0.0000416	0.000296	0.000169	0.138	0.00000618	0.000229	0.000419	0.00188
2042 May	155	0.0959	0.548	0.0104	32.2	0.0663	15.8	0.00000617	0.00915	0.00161	0.00636	0.0333	0.0000162	20.1	0.00000393	0.000124	0.000181	0.000721	0.0489	0.00000326	3.91	0.00346	4.64	0.0578	0.00128	2.77	0.00303	0.00563	0.0000418	0.000298	0.00017	0.139	0.00000621	0.00023	0.000422	0.00189
2042 Jun	153	0.0924	0.538	0.01	31.7	0.0652	15.5	0.00000605	0.00897	0.00153	0.00622	0.0328	0.0000156	19.8	0.00000385	0.000121	0.000177	0.000707	0.0478	0.00000319	3.85	0.00341	4.56	0.0566	0.00124	2.73	0.00292	0.00552	0.0000408	0.000289	0.000167	0.137	0.00000609	0.000225	0.000405	0.00185
2042 Jul	154	0.0925	0.541	0.01	32	0.0656	15.5	0.00000609	0.00903	0.00153	0.00625	0.0331	0.0000156	19.9	0.00000387	0.000121	0.000178	0.000712	0.048	0.0000032	3.88	0.00344	4.59	0.0569	0.00125	2.75	0.00292	0.00556	0.000041	0.00029	0.000168	0.138	0.00000612	0.000226	0.000405	0.00186
2042 Aug	156	0.093	0.546	0.0101	32.3	0.0662	15.7	0.00000614	0.0091	0.00154	0.0063	0.0334	0.0000157	20.1	0.0000039	0.000122	0.000179	0.000718	0.0484	0.00000323	3.92	0.00347	4.63	0.0573	0.00126	2.77	0.00294	0.00561	0.0000413	0.000292	0.000169	0.139	0.00000617	0.000227	0.000407	0.00187
2042 Sep	155	0.092	0.542	0.00997	32.1	0.0658	15.6	0.00000609	0.00904	0.00152	0.00625	0.0332	0.0000167	20	0.00000387	0.000121	0.000178	0.000713	0.048	0.0000032	3.89	0.00345	4.6	0.0569	0.00124	2.75	0.0029	0.00556	0.0000409	0.000289	0.000168	0.138	0.00000613	0.000225	0.000402	0.00186
2042 Oct	154	0.0919	0.538	0.00987	31.9	0.0655	15.5	0.00000608	0.00905	0.00162	0.00623	0.033	0.0000466	19.9	0.00000387	0.00012	0.000177	0.000711	0.0478	0.00000321	3.87	0.00344	4.58	0.0568	0.00124	2.74	0.00291	0.00554	0.0000411	0.000288	0.000168	0.138	0.00000611	0.000226	0.000401	0.00185
2042 Nov	153	0.0927	0.534	0.00979	31.8	0.0653	15.5	0.00000609	0.00913	0.00184	0.00624	0.0328	0.000104	19.8	0.0000039	0.000121	0.000178	0.000712	0.0478	0.00000325	3.85	0.00345	4.56	0.0569	0.00124	2.72	0.00295	0.00553	0.0000415	0.000289	0.000168	0.137	0.00000612	0.000229	0.000403	0.00186
2042 Dec	152	0.0937	0.53	0.00974	31.6	0.0653	15.5	0.00000611	0.00922	0.00206	0.00626	0.0327	0.00016	19.8	0.00000393	0.000121	0.00018	0.000715	0.0479	0.0000033	3.84	0.00346	4.55	0.0572	0.00124	2.71	0.00301	0.00553	0.0000421	0.00029	0.000169	0.137	0.00000615	0.000232	0.000406	0.00187
2043 Jan	152	0.0947	0.527	0.00969	31.5	0.0652	15.6	0.00000613	0.00931	0.00227	0.00628	0.0326	0.000213	19.7	0.00000396	0.000122	0.000181	0.000717	0.0479	0.00000335	3.83	0.00347	4.54	0.0574	0.00124	2.7	0.00306	0.00553	0.0000425	0.000291	0.000169	0.136	0.00000617	0.000235	0.000409	0.00188
2043 Feb	151	0.0957	0.524	0.00964	31.4	0.0652	15.6	0.00000614	0.00939	0.00246	0.00629	0.0325	0.000262	19.7	0.00000399	0.000122	0.000182	0.000719	0.048	0.00000339	3.82	0.00348	4.53	0.0577	0.00124	2.69	0.0031	0.00553	0.000043	0.000292	0.00017	0.136	0.00000619	0.000237	0.000412	0.00189
2043 Mar	151	0.0965	0.521	0.00959	31.3	0.0651	15.6	0.00000616	0.00946	0.00264	0.00631	0.0324	0.000309	19.6	0.00000402	0.000123	0.000183	0.000721	0.048	0.00000343	3.81	0.00349	4.52	0.0579	0.00124	2.68	0.00315	0.00553	0.0000434	0.000293	0.000171	0.135	0.0000062	0.00024	0.000415	0.0019
2043 Apr	150	0.0975	0.519	0.00956	31.3	0.0652	15.7	0.00000619	0.00955	0.00282	0.00633	0.0323	0.000355	19.6	0.00000405	0.000123	0.000184	0.000724	0.0481	0.00000348	3.81	0.0035	4.52	0.0582	0.00124	2.68	0.0032	0.00554	0.0000439	0.000294	0.000171	0.135	0.00000623	0.000243	0.000418	0.00191
2043 May	151	0.0987	0.52	0.00958	31.4	0.0655	15.8	0.00000623	0.00966	0.00297	0.00638	0.0324	0.000393	19.7	0.00000409	0.000124	0.000186	0.000729	0.0484	0.00000353	3.82	0.00353	4.54	0.0587	0.00125	2.69	0.00325	0.00557	0.0000445	0.000296	0.000173	0.136	0.00000628	0.000246	0.000422	0.00192
2043 Jun	141	0.108	0.47	0.00865	29.5	0.0638	15.9	0.00000637	0.0106	0.00543	0.00646	0.0304	0.00106	19	0.0000044	0.000128	0.000197	0.000745	0.0482	0.00000403	3.63	0.00361	4.34	0.0607	0.00124	2.52	0.00378	0.00547	0.0000498	0.000302	0.000178	0.128	0.00000642	0.000278	0.000447	0.002
2043 Jul	135	0.122	0.435	0.00808	28.3	0.0637	16.3	0.00000665	0.0117	0.00792	0.00672	0.0293	0.00174	18.7	0.00000481	0.000135	0.000213	0.000778	0.0492	0.00000462	3.52	0.00378	4.25	0.0643	0.00126	2.42	0.00441	0.00551	0.0000562	0.000317	0.000187	0.124	0.00000672	0.000316	0.000486	0.00213
2043 Aug	135	0.125	0.429	0.00799	28.2	0.064	16.5	0.00000674	0.012	0.00847	0.0068	0.0292	0.00189	18.7	0.00000491	0.000137	0.000217	0.000788	0.0496	0.00000477	3.52	0.00383	4.26	0.0653	0.00127	2.41	0.00455	0.00554	0.0000578	0.000321	0.000189	0.124	0.00000681	0.000325	0.000496	0.00217
2043 Sep	130	0.13	0.406	0.00759	27.3	0.0632	16.6	0.00000681	0.0125	0.00963	0.00685	0.0282	0.00223	18.3	0.00000506	0.000139	0.000223	0.000796	0.0496	0.00000502	3.42	0.00388	4.16	0.0664	0.00127	2.33	0.00481	0.00549	0.0000604	0.000325	0.000192	0.121	0.00000688	0.000341	0.00051	0.00221
2043 Oct	127	0.134	0.389	0.0073	26.6	0.0627	16.6	0.00000688	0.0128	0.0105	0.0069	0.0275	0.00248	18	0.00000519	0.000141	0.000228	0.000803	0.0496	0.00000522	3.35	0.00391	4.09	0.0673	0.00127	2.27	0.00503	0.00547	0.0000626	0.000328	0.000194	0.118	0.00000695	0.000354	0.000522	0.00224
2043 Nov	125	0.137	0.378	0.00713	26.2	0.0624	16.7	0.00000693	0.0131	0.0111	0.00695	0.0271	0.00265	17.9	0.00000528	0.000142	0.000231	0.000809	0.0498	0.00000536	3.31	0.00394	4.06	0.068	0.00127	2.24	0.00517	0.00546	0.0000641	0.000331	0.000195	0.117	0.00000701	0.000363	0.000531	0.00227
2043 Dec	123	0.139	0.373	0.00705	26	0.0623	16.8	0.00000696	0.0133	0.0115	0.00698	0.0269	0.00274	17.8	0.00000533	0.000143	0.000233	0.000813	0.0499	0.00000544	3.29	0.00396	4.04	0.0685	0.00127	2.22	0.00526	0.00546	0.000065	0.000333	0.000197	0.116	0.00000704	0.000368	0.000536	0.00228
2044 Jan	123	0.14	0.369	0.00699	25.8	0.0623	16.8	0.00000699	0.0134	0.0117	0.007	0.0268	0.00281	17.8	0.00000538	0.000144	0.000235	0.000816	0.0499	0.0000055	3.28	0.00397	4.02	0.0688	0.00127	2.21	0.00532	0.00546	0.0000656	0.000335	0.000197	0.115	0.00000707	0.000372	0.000541	0.0023
2044 Feb	122	0.141	0.366	0.00695	25.7	0.0622	16.8	0.00000701	0.0135	0.0119	0.00701	0.0267	0.00286	17.8	0.0000054	0.000144	0.000236	0.000818	0.05	0.00000554	3.27	0.00398	4.02	0.069	0.00127	2.2	0.00536	0.00546	0.000066	0.000336	0.000198	0.115	0.00000709	0.000375	0.000543	0.0023
2044 Mar	122	0.142	0.364	0.00691	25.7	0.0622	16.8	0.00000702	0.0135	0.012	0.00703	0.0266	0.00289	17.7	0.00000542	0.000145	0.000236	0.000819	0.05	0.00000558	3.26	0.00399	4.01	0.0692	0.00127	2.19	0.0054	0.00546	0.0000664	0.000336	0.000198	0.115	0.00000711	0.000377	0.000546	0.00231
2044 Apr	122	0.143	0.362	0.00689	25.6	0.0623	16.9	0.00000704	0.0136	0.0121	0.00705	0.0266	0.00293	17.7	0.00000545	0.000145	0.000238	0.000822	0.0501	0.00000561	3.26	0.004	4.01	0.0694	0.00128	2.19	0.00543	0.00547	0.0000668	0.000338	0.000199	0.115	0.00000713	0.000379	0.000548	0.00232
2044 May	122	0.144	0.363	0.00691	25.7	0.0628	17	0.00000711	0.0138	0.0123	0.00711	0.0267	0.00297	17.8	0.00000551	0.000147	0.000239	0.00083	0.0504	0.00000571	3.28	0.00403	4.03	0.0699	0.00129	2.2	0.00548	0.0055	0.0000675	0.000342	0.000201	0.115	0.00000721	0.000386	0.000555	0.00235
2044 Jun	116	0.147	0.335	0.00637	24.6	0.0622	16.9	0.0000072	0.0148	0.0132	0.00715	0.0256	0.00326	17.3	0.0000057	0.000151	0.000243	0.000846	0.0499	0.00000618	3.2	0.00405	3.89	0.0702	0.00127	2.1	0.00566	0.0054	0.0000702	0.000353	0.000204	0.111	0.00000738	0.000417	0.000577	0.00242
2044 Jul	113	0.155	0.316	0.00608	24.1	0.0628	17.2	0.00000743	0.0159	0.0144	0.00735	0.0251	0.00366	17.2	0.00000599	0.000158	0.000253	0.000875	0.0507	0.00000666	3.17	0.00417	3.85	0.0724	0.00129	2.05	0.00601	0.00545	0.0000744	0.000368	0.000211	0.109	0.00000766	0.000448	0.000609	0.00253
2044 Aug	114	0.156	0.317	0.00609	24.2	0.0633	17.4	0.0000075	0.0161	0.0146	0.00742	0.0252	0.00372	17.3	0.00000606	0.00016	0.000255	0.000884	0.0511	0.00000677	3.19	0.00421	3.87	0.0731	0.0013	2.06	0.00607	0.00549	0.0000752	0.000372	0.000213	0.109	0.00000774	0.000455	0.000616	0.00256
2044 Sep	112	0.157	0.307	0.00592	23.8	0.0629	17.3	0.0000075	0.0163	0.0149	0.00741	0.0248	0.00382	17.1	0.00000609	0.00016	0.000256	0.000885	0.0508	0.00000687	3.15	0.0042	3.82	0.073	0.00129	2.02	0.00611	0.00544	0.0000758	0.000374	0.000213	0.108	0.00000776	0.000462	0.00062	0.00257
2044 Oct	110	0.159	0.299	0.00579	23.4	0.0625	17.2	0.00000752	0.0165	0.0152	0.00742	0.0245	0.00393	16.9	0.00000614	0.000161	0.000257	0.000886	0.0507	0.00000695	3.12	0.00421	3.78	0.0732	0.00129	1.99	0.00618	0.00542	0.0000767	0.000374	0.000214	0.106	0.00000778	0.000467	0.000624	0.00258
2044 Nov	109	0.16	0.293	0.0057	23.2	0.0623	17.3	0.00000753	0.0165	0.0154	0.00743	0.0242	0.00402	16.8	0.00000617	0.000161	0.000259	0.000888	0.0507	0.000007	3.09	0.00422	3.76	0.0736	0.00129	1.97	0.00625	0.00541	0.0000774	0.000375	0.000214	0.105	0.00000779	0.00047	0.000627	0.00259
2044 Dec	108	0.161	0.29	0.00566	23.1	0.0622	17.3	0.00000755	0.0166	0.0156	0.00745	0.0241	0.00407	16.8	0.0000062	0.000161	0.00026	0.000889	0.0508	0.00000703	3.08	0.00424	3.74	0.0739	0.00129	1.96	0.00629	0.00541	0.0000779	0.000375	0.000215	0.105	0.0000078	0.000472	0.000629	0.0026
2045 Jan	108	0.162	0.288	0.00563	23	0.0621	17.3	0.00000756	0.0166	0.0157	0.00746	0.024	0.00411	16.8	0.00000622	0.000162	0.000261	0.00089	0.0508	0.00000705	3.07	0.00424	3.74	0.0741	0.00129	1.96	0.00633	0.00541	0.0000783	0.000375	0.000215	0.105	0.00000781	0.000473	0.000631	0.0026
2045 Feb	108	0.163	0.287	0.00561	22.9	0.0621	17.3	0.00000756	0.0166	0.0158	0.00746	0.024	0.00414	16.7	0.00000623	0.000162	0.000262	0.00089	0.0508	0.00000706	3.06	0.00425	3.73	0.0742	0.00129	1.95	0.00635	0.00541	0.0000785	0.000375	0.000215	0.105	0.00000781	0.000474	0.000632	0.0026
2045 Mar	107	0.163	0.285	0.00559	22.9	0.0621	17.3	0.00000757	0.0167	0.0159	0.00747	0.0239	0.00416	16.7	0.00000624	0.000162	0.000262	0.000891	0.0509	0.00000708	3.05	0.00425	3.73	0.0743	0.00129	1.95	0.00637	0.00541	0.0000787	0.000376	0.000216	0.104	0.00000782	0.000475	0.000633	0.00261
2045 Apr	107	0.164	0.285	0.00559	22.9	0.0621	17.4	0.00000759	0.0167	0.016	0.00749	0.0239	0.00419	16.7	0.00000626	0.000162	0.000263	0.000892	0.0509	0.0000071	3.05	0.00426	3.73	0.0745	0.00129	1.95	0.0064	0.00542	0.000079	0.000376	0.000216	0.104	0.00000783	0.000476	0.000635	0.00261
2045 May	108	0.165	0.286	0.00561	23	0.0625	17.5	0.00000763	0.0168	0.0161	0.00753	0.024	0.00422	16.8	0.0000063	0.000163	0.000264	0.000897	0.0512	0.00000714	3.07	0.00429	3.75	0.075	0.0013	1.96	0.00644	0.00545	0.0000795	0.000378	0.000217	0.105	0.00000788	0.000479	0.000639	0.00263
2045 Jun	105	0.162	0.275	0.00537	22.5	0.0626	17.2	0.00000766	0.0177	0.0158	0.00751	0.0237	0.0042	16.5	0.00000636	0.000167	0.000261	0.000909	0.0504	0.00000749	3.07	0.00425	3.67	0.0738	0.00128	1.91	0.00633	0.00536	0.0000798	0.00039	0.000218	0.103	0.00000802	0.000503	0.000652	0.00268
2045 Jul	104	0.166	0.267	0.00525	22.3	0.0638	17.4	0.00000787	0.0188	0.0163	0.0077	0.0236	0.00442	16.5	0.0000066	0.000174	0.000268	0.000939	0.051	0.00000798	3.1	0.00433	3.66	0.0751	0.0013	1.9	0.0065	0.0054	0.0000827	0.000408	0.000225	0.102	0.00000833	0.000535	0.000683	0.0028
2045 Aug	105	0.167	0.269	0.00529	22.5	0.0642	17.6	0.00000793	0.0189	0.0164	0.00775	0.0238	0.00445	16.6	0.00000664	0.000175	0.000269	0.000945	0.0514	0.00000802	3.12	0.00437	3.69	0.0756	0.00131	1.92	0.00654	0.00544	0.0000832	0.00041	0.000226	0.103	0.00000838	0.000538	0.000686	0.00281
2045 Sep	104	0.167	0.265	0.00521	22.3	0.0636	17.4	0.00000787	0.0188	0.0163	0.00769	0.0235	0.00447	16.5	0.0000066	0.000173	0.000268	0.000937	0.051	0.00000795	3.09	0.00435	3.65	0.0753	0.0013	1.9	0.00651	0.0054	0.0000829	0.000405	0.000225	0.102	0.00000831	0.000533	0.00068	0.00279
2045 Oct	103	0.168	0.261	0.00514	22.1	0.0631	17.4	0.00000784	0.0186	0.0164	0.00767	0.0233	0.00453	16.4	0.00000659	0.000172	0.000268	0.000932	0.0509	0.00000791	3.05	0.00434	3.62	0.0753	0.00129	1.88	0.00653	0.00538	0.000083	0.000402	0.000224	0.101	0.00000826	0.00053	0.000677	0.00277
2045 Nov	102	0.169	0.258	0.0051	21.9	0.0628	17.4	0.00000783	0.0185	0.0165	0.00766	0.0231	0.00458	16.3	0.0000066	0.000172	0.000269	0.000929	0.0508	0.00000789	3.03	0.00435	3.61	0.0755	0.00128	1.87	0.00656	0.00537	0.0000834	0.0004	0.000223	0.101	0.00000824	0.000528	0.000676	0.00277
2045 Dec	102	0.17	0.256	0.00507	21.9	0.0627	17.4	0.00000784	0.0185	0.0167	0.00767	0.023	0.00463	16.3	0.00000661	0.000171	0.00027	0.000929	0.0509	0.0000079	3.02	0.00436	3.6	0.0757	0.00128	1.86	0.00659	0.00537	0.0000837	0.000399	0.000224	0.1	0.00000823	0.000528	0.000677	0.00277
2046 Jan	101	0.17	0.254	0.00505	21.8	0.0626	17.4	0.00000784	0.0185	0.0168	0.00768	0.0229	0.00466	16.3	0.00000662	0.000171	0.000271	0.000929	0.0509	0.0000079	3.01	0.00436	3.59	0.0759	0.00128	1.85	0.00662	0.00537	0.0000839	0.000399	0.000224	0.1	0.00000823	0.000529	0.000677	0.00277
2046 Feb	101	0.171	0.253	0.00504	21.7	0.0626	17.4	0.00000785	0.0185	0.0168	0.00768	0.0229	0.00468	16.3	0.00000663	0.000171	0.000271	0.000929	0.0509	0.0000079	3	0.00436	3.59	0.076	0.00128	1.85	0.00663	0.00537	0.0000841	0.000399	0.000224	0.1	0.00000823	0.000529	0.000678	0.00277
2046 Mar	101	0.171	0.252	0.00503	21.7	0.0625	17.4	0.00000785	0.0185	0.0169	0.00768	0.0229	0.0047	16.2	0.00000664	0.000171	0.000272	0.000929	0.051	0.00000791	3	0.00437	3.59	0.076	0.00128	1.85	0.00665	0.00537	0.0000842	0.000398	0.000224	0.0999	0.00000823	0.000529	0.000678	0.00277
2046 Apr	101	0.172	0.252	0.00503	21.7	0.0626	17.4	0.00000786	0.0185	0.0169	0.0077	0.0229	0.00471	16.3	0.00000665	0.000172	0.000272	0.00093	0.051	0.00000791	3	0.00438	3.59	0.0762	0.00128	1.85	0.00667	0.00537	0.0000844	0.000399	0.000224	0.1	0.00000824	0.000529	0.000679	0.00277
2046 May	102	0.173	0.253	0.00506	21.8	0.0629	17.5	0.00000791	0.0187	0.017	0.00774	0.023	0.00474	16.4	0.00000669	0.000173	0.000274	0.000935	0.0513	0.00000797	3.01	0.0044	3.61	0.0767	0.00129	1.86	0.00671	0.00541	0.000085	0.000401	0.000226	0.101	0.00000829	0.000533	0.000683	0.00279
2046 Jun	101	0.168	0.252	0.00496	21.7	0.0627	17.2	0.00000783	0.0189	0.0163	0.00765	0.0229	0.0046	16.1	0.00000663	0.000172	0.000268	0.000931	0.0504	0.00000803	3.02	0.00433	3.56	0.075	0.00127	1.84	0.00648	0.00532	0.0000836	0.000402	0.000224	0.0995	0.00000828	0.000537	0.000679	0.00278
2046 Jul	101	0.171	0.248	0.00492	21.6	0.0634	17.4	0.00000797	0.0195	0.0166	0.00777	0.0229	0.00477	16.2	0.00000677	0.000176	0.000273	0.000948	0.0509	0.00000828	3.03	0.0044	3.56	0.0761	0.00128	1.84	0.00661	0.00536	0.0000856	0.000411	0.000228	0.0995	0.00000844	0.000554	0.000696	0.00285
2046 Aug	102	0.172	0.251	0.00497	21.9	0.064	17.5	0.00000803	0.0196	0.0166	0.00782	0.0231	0.00478	16.3	0.00000682	0.000177	0.000274	0.000955	0.0513	0.00000834	3.06	0.00443	3.59	0.0766	0.00129	1.86	0.00663	0.0054	0.0000861	0.000414	0.000229	0.101	0.00000851	0.000558	0.0007	0.00287
2046 Sep	101	0.171	0.248	0.00492	21.7	0.0636	17.4	0.00000798	0.0195	0.0164	0.00778	0.0229	0.00477	16.2	0.00000678	0.000176	0.000272	0.000949	0.0509	0.0000083	3.04	0.00441	3.56	0.0761	0.00128	1.84	0.00657	0.00536	0.0000856	0.000412	0.000228	0.0998	0.00000846	0.000555	0.000696	0.00285
2046 Oct	100	0.171	0.246	0.00488	21.5	0.0632	17.3	0.00000795	0.0195	0.0164	0.00775	0.0228	0.00479	16.1	0.00000677	0.000176	0.000272	0.000946	0.0507	0.00000828	3.02	0.0044	3.54	0.076	0.00127	1.83	0.00656	0.00534	0.0000856	0.00041	0.000227	0.0991	0.00000843	0.000554	0.000694	0.00284
2046 Nov	99.4	0.172	0.243	0.00485	21.4	0.063	17.3	0.00000794	0.0194	0.0165	0.00774	0.0226	0.00484	16.1	0.00000677	0.000175	0.000273	0.000942	0.0507	0.00000825	3	0.0044	3.52	0.0761	0.00127	1.82	0.00658	0.00533	0.0000858	0.000407	0.000227	0.0987	0.0000084	0.000551	0.000692	0.00283
2046 Dec	99	0.173	0.241	0.00482	21.3	0.0629	17.3	0.00000795	0.0194	0.0166	0.00775	0.0225	0.00487	16	0.00000678	0.000175	0.000273	0.000943	0.0507	0.00000826	2.99	0.00441	3.52	0.0763	0.00126	1.82	0.00661	0.00533	0.0000861	0.000407	0.000227	0.0984	0.0000084	0.000552	0.000693	0.00283
2047 Jan	98.7	0.173	0.24	0.00481	21.3	0.0628	17.3	0.00000795	0.0193	0.0166	0.00775	0.0225	0.0049	16	0.00000679	0.000175	0.000274	0.000942	0.0508	0.00000826	2.98	0.00441	3.51	0.0764	0.00126	1.81	0.00663	0.00533	0.0000863	0.000406	0.000227	0.0982	0.0000084	0.000551	0.000693	0.00283
2047 Feb	98.5	0.174	0.239	0.0048	21.2	0.0627	17.3	0.00000795	0.0193	0.0167	0.00776	0.0224	0.00492	16	0.00000679	0.000175	0.000274	0.000942	0.0508	0.00000826	2.98	0.00441	3.51	0.0765	0.00126	1.81	0.00664	0.00533	0.0000865	0.000406	0.000227	0.0981	0.00000839	0.000551	0.000693	0.00283
2047 Mar	98.4	0.174	0.238	0.00479	21.2	0.0626	17.3	0.00000795	0.0193	0.0167	0.00776	0.0224	0.00493	16	0.00000679	0.000175	0.000275	0.000941	0.0508	0.00000825	2.97	0.00442	3.51	0.0766	0.00126	1.81	0.00665	0.00533	0.0000866	0.000406	0.000227	0.098	0.00000839	0.000551	0.000693	0.00283
2047 Apr	98.4	0.175	0.238	0.00479	21.2	0.0627	17.4	0.00000796	0.0193	0.0168	0.00777	0.0224	0.00495	16	0.00000681	0.000175	0.000275	0.000942	0.0509	0.00000826	2.97	0.00442	3.51	0.0768	0.00126	1.81	0.00667	0.00534	0.0000868	0.000406	0.000227	0.0981	0.00000839	0.000551	0.000694	0.00283
2047 May	99	0.176	0.24	0.00482	21.4	0.0632	17.5	0.00000802	0.0196	0.0169	0.00782	0.0226	0.00498	16.1	0.00000686	0.000177	0.000277	0.00095	0.0512	0.00000835	3	0.00445	3.53	0.0772	0.00127	1.82	0.00671	0.00537	0.0000874	0.00041	0.000229	0.0986	0.00000847	0.000558	0.000701	0.00286
2047 Jun	98.9	0.17	0.242	0.00479	21.3	0.0626	17.1	0.00000788	0.0193	0.016	0.00768	0.0225	0.00478	15.9	0.00000672	0.000174	0.00027	0.000935	0.0502	0.00000821	2.99	0.00437	3.49	0.0754	0.00124	1.81	0.00645	0.00528	0.0000852	0.000403	0.000225	0.0981	0.00000834	0.000548	0.000685	0.00281
2047 Jul	99	0.174	0.24	0.00479	21.3	0.0628	17.3	0.00000796	0.0194	0.0163	0.00776	0.0225	0.00493	16	0.0000068	0.000175	0.000274	0.000941	0.0507	0.00000827	2.99	0.00443	3.51	0.0766	0.00125	1.82	0.00656	0.00533	0.0000867	0.000404	0.000227	0.0985	0.0000084	0.000552	0.000691	0.00283
2047 Aug	100	0.175	0.244	0.00485	21.6	0.0634	17.4	0.00000801	0.0195	0.0163	0.00781	0.0228	0.00495	16.2	0.00000684	0.000176	0.000276	0.000947	0.0511	0.00000831	3.02	0.00446	3.54	0.077	0.00126	1.84	0.00658	0.00537	0.0000871	0.000406	0.000229	0.0995	0.00000845	0.000554	0.000693	0.00285
2047 Sep	99.5	0.173	0.242	0.00482	21.4	0.0627	17.2	0.00000793	0.0192	0.0161	0.00774	0.0226	0.00492	16	0.00000677	0.000173	0.000274	0.000936	0.0507	0.00000818	2.99	0.00443	3.51	0.0765	0.00124	1.83	0.00651	0.00533	0.0000863	0.0004	0.000226	0.0989	0.00000835	0.000545	0.000684	0.00281
2047 Oct	98.8	0.173	0.24	0.00478	21.3	0.0623	17.2	0.00000789	0.019	0.016	0.0077	0.0224	0.00494	16	0.00000674	0.000172	0.000273	0.000929	0.0505	0.0000081	2.96	0.00441	3.49	0.0763	0.00123	1.81	0.00649	0.0053	0.0000861	0.000396	0.000225	0.0983	0.00000828	0.00054	0.000678	0.00279
2047 Nov	98.2	0.174	0.238	0.00476	21.2	0.062	17.1	0.00000788	0.0189	0.0161	0.00769	0.0223	0.00497	15.9	0.00000674	0.000171	0.000273	0.000926	0.0504	0.00000808	2.94	0.00441	3.48	0.0764	0.00123	1.8	0.00651	0.00529	0.0000863	0.000394	0.000225	0.0979	0.00000826	0.000538	0.000677	0.00278
2047 Dec	97.9	0.175	0.236	0.00474	21.1	0.0619	17.1	0.00000788	0.0189	0.0161	0.0077	0.0222	0.00501	15.9	0.00000674	0.000171	0.000274	0.000926	0.0504	0.00000808	2.93	0.00442	3.47	0.0766	0.00123	1.8	0.00653	0.00529	0.0000866	0.000393	0.000225	0.0977	0.00000825	0.000538	0.000677	0.00278
2048 Jan	97.6	0.175	0.235	0.00472	21.1	0.0618	17.2	0.00000788	0.0188	0.0162	0.0077	0.0221	0.00503	15.9	0.00000675	0.000171	0.000275	0.000925	0.0505	0.00000807	2.92	0.00442	3.47	0.0767	0.00123	1.79	0.00655	0.00529	0.0000868	0.000392	0.000225	0.0975	0.00000825	0.000537	0.000677	0.00278
2048 Feb	97.4	0.176	0.234	0.00471	21	0.0617	17.2	0.00000788	0.0188	0.0162	0.0077	0.0221	0.00505	15.9	0.00000676	0.000171	0.000275	0.000925	0.0505	0.00000807	2.92	0.00443	3.46	0.0768	0.00123	1.79	0.00656	0.00529	0.0000869	0.000392	0.000225	0.0974	0.00000824	0.000537	0.000677	0.00278
2048 Mar	97.3	0.176	0.234	0.00471	21	0.0617	17.2	0.00000788	0.0188	0.0163	0.00771	0.0221	0.00506	15.8	0.00000676	0.000171	0.000275	0.000925	0.0505	0.00000807	2.91	0.00443	3.46	0.0769	0.00123	1.79	0.00657	0.00529	0.000087	0.000392	0.000225	0.0973	0.00000824	0.000537	0.000677	0.00278
2048 Apr	97.3	0.177	0.234	0.00471	21	0.0618	17.2	0.00000789	0.0189	0.0163	0.00772	0.0221	0.00508	15.9	0.00000677	0.000171	0.000276	0.000926	0.0506	0.00000809	2.91	0.00444	3.46	0.0771	0.00123	1.79	0.00659	0.0053	0.0000872	0.000392	0.000225	0.0974	0.00000826	0.000538	0.000679	0.00278

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	97.9	0.178	0.235	0.00474	21.1	0.0621	17.3	0.00000794	0.019	0.0164	0.00777	0.0222	0.00511	16	0.00000681	0.000172	0.000277	0.000932	0.0509	0.00000813	2.93	0.00446	3.48	0.0775	0.00124	1.8	0.00663	0.00533	0.0000877	0.000394	0.000227	0.098	0.0000083	0.000541	0.000683	0.0028
2048 Jun	97.8	0.171	0.237	0.0047	21.1	0.0623	16.9	0.00000788	0.0194	0.0154	0.00767	0.0223	0.00487	15.8	0.00000674	0.000173	0.00027	0.000931	0.0499	0.00000824	2.96	0.00438	3.44	0.0754	0.00122	1.8	0.00635	0.00524	0.0000859	0.0004	0.000225	0.0973	0.00000833	0.000549	0.000682	0.00281
2048 Jul	97.7	0.174	0.234	0.00468	21.1	0.0632	17.1	0.00000801	0.0201	0.0156	0.00779	0.0224	0.00499	15.8	0.00000688	0.000177	0.000274	0.00095	0.0503	0.00000853	2.99	0.00443	3.45	0.0763	0.00123	1.8	0.00643	0.00528	0.0000877	0.000411	0.000229	0.0974	0.00000853	0.000569	0.0007	0.00287
2048 Aug	98.8	0.174	0.238	0.00473	21.3	0.0637	17.2	0.00000806	0.0202	0.0156	0.00784	0.0226	0.005	16	0.00000691	0.000178	0.000275	0.000955	0.0506	0.00000856	3.02	0.00446	3.48	0.0767	0.00124	1.82	0.00644	0.00532	0.000088	0.000413	0.00023	0.0984	0.00000857	0.000571	0.000703	0.00289
2048 Sep	98.1	0.173	0.236	0.00471	21.2	0.0629	17	0.00000797	0.0197	0.0154	0.00775	0.0224	0.00497	15.9	0.00000683	0.000175	0.000273	0.000941	0.0502	0.0000084	2.99	0.00443	3.45	0.0761	0.00122	1.8	0.00637	0.00528	0.0000871	0.000404	0.000227	0.0978	0.00000845	0.000559	0.000691	0.00284
2048 Oct	97.4	0.173	0.234	0.00467	21.1	0.0626	16.9	0.00000794	0.0197	0.0153	0.00773	0.0222	0.00497	15.8	0.00000681	0.000174	0.000272	0.000938	0.05	0.00000838	2.97	0.00441	3.43	0.0759	0.00121	1.79	0.00635	0.00525	0.000087	0.000403	0.000226	0.0972	0.00000842	0.000558	0.000689	0.00283
2048 Nov	96.8	0.173	0.232	0.00464	21	0.0626	16.9	0.00000795	0.0198	0.0153	0.00774	0.0221	0.005	15.7	0.00000683	0.000175	0.000272	0.000939	0.05	0.00000843	2.96	0.00441	3.42	0.076	0.00121	1.78	0.00636	0.00525	0.0000874	0.000404	0.000227	0.0967	0.00000844	0.000561	0.000691	0.00284
2048 Dec	96.5	0.174	0.23	0.00462	20.9	0.0624	16.9	0.00000795	0.0198	0.0154	0.00774	0.0221	0.00504	15.7	0.00000684	0.000175	0.000273	0.000938	0.05	0.00000842	2.95	0.00442	3.41	0.0762	0.00121	1.78	0.00639	0.00525	0.0000876	0.000403	0.000227	0.0965	0.00000843	0.00056	0.000691	0.00284
2049 Jan	96.2	0.175	0.229	0.00461	20.8	0.0624	17	0.00000796	0.0198	0.0154	0.00774	0.022	0.00506	15.7	0.00000685	0.000175	0.000274	0.000938	0.05	0.00000842	2.94	0.00442	3.4	0.0763	0.00121	1.77	0.0064	0.00525	0.0000878	0.000403	0.000227	0.0963	0.00000843	0.00056	0.000692	0.00284
2049 Feb	96.1	0.175	0.228	0.0046	20.8	0.0623	17	0.00000796	0.0197	0.0155	0.00775	0.022	0.00508	15.7	0.00000685	0.000175	0.000274	0.000938	0.0501	0.00000842	2.94	0.00443	3.4	0.0764	0.00121	1.77	0.00641	0.00525	0.0000879	0.000402	0.000227	0.0962	0.00000842	0.00056	0.000692	0.00284
2049 Mar	95.9	0.175	0.228	0.00459	20.8	0.0622	17	0.00000796	0.0197	0.0155	0.00775	0.0219	0.00509	15.6	0.00000686	0.000174	0.000274	0.000937	0.0501	0.00000841	2.93	0.00443	3.4	0.0765	0.00121	1.77	0.00642	0.00524	0.000088	0.000402	0.000227	0.0962	0.00000842	0.000559	0.000691	0.00284
2049 Apr	96	0.176	0.228	0.00459	20.8	0.0623	17	0.00000796	0.0197	0.0155	0.00776	0.0219	0.0051	15.7	0.00000687	0.000174	0.000275	0.000938	0.0502	0.00000841	2.93	0.00444	3.4	0.0766	0.00121	1.77	0.00644	0.00525	0.0000882	0.000401	0.000227	0.0963	0.00000842	0.000559	0.000692	0.00284
2049 May	96.6	0.177	0.229	0.00462	20.9	0.0626	17.1	0.00000801	0.0198	0.0156	0.0078	0.0221	0.00513	15.8	0.0000069	0.000175	0.000276	0.000943	0.0504	0.00000846	2.95	0.00446	3.42	0.077	0.00121	1.78	0.00647	0.00528	0.0000887	0.000404	0.000228	0.0968	0.00000846	0.000562	0.000695	0.00285
2049 Jun	96.7	0.17	0.232	0.00461	20.9	0.0627	16.7	0.00000793	0.0201	0.0147	0.0077	0.0222	0.0049	15.6	0.00000681	0.000176	0.000269	0.00094	0.0495	0.00000851	2.98	0.00438	3.39	0.075	0.0012	1.78	0.00621	0.0052	0.0000867	0.000407	0.000226	0.0964	0.00000847	0.000567	0.000692	0.00285
2049 Jul	96.9	0.173	0.23	0.00461	21	0.0636	16.9	0.00000808	0.0208	0.0149	0.00783	0.0223	0.00503	15.7	0.00000696	0.00018	0.000273	0.000959	0.0501	0.00000879	3.01	0.00444	3.4	0.0761	0.00121	1.79	0.0063	0.00526	0.0000885	0.000418	0.00023	0.0968	0.00000866	0.000586	0.00071	0.00292
2049 Aug	98	0.174	0.234	0.00466	21.2	0.0641	17	0.00000811	0.0208	0.0148	0.00787	0.0225	0.00503	15.8	0.00000698	0.000181	0.000274	0.000963	0.0503	0.00000881	3.04	0.00447	3.43	0.0764	0.00122	1.81	0.0063	0.00529	0.0000887	0.000419	0.000231	0.0978	0.0000087	0.000587	0.000712	0.00293
2049 Sep	97.4	0.173	0.233	0.00464	21.1	0.0635	16.9	0.00000804	0.0206	0.0146	0.0078	0.0224	0.005	15.7	0.00000692	0.000179	0.000272	0.000953	0.05	0.0000087	3.01	0.00444	3.41	0.0759	0.0012	1.8	0.00623	0.00525	0.000088	0.000414	0.000229	0.0972	0.00000861	0.000579	0.000704	0.0029
2049 Oct	96.8	0.173	0.231	0.00461	21	0.063	16.8	0.00000799	0.0203	0.0146	0.00776	0.0222	0.00501	15.7	0.00000688	0.000177	0.000271	0.000945	0.0498	0.0000086	2.99	0.00442	3.39	0.0757	0.00119	1.79	0.00622	0.00523	0.0000877	0.000408	0.000228	0.0967	0.00000853	0.000572	0.000697	0.00287
2049 Nov	96.3	0.173	0.229	0.00459	20.9	0.0626	16.8	0.00000797	0.0201	0.0146	0.00774	0.0221	0.00505	15.6	0.00000687	0.000176	0.000272	0.00094	0.0497	0.00000854	2.96	0.00442	3.38	0.0758	0.00119	1.78	0.00623	0.00522	0.0000878	0.000405	0.000227	0.0964	0.00000848	0.000568	0.000693	0.00285
2049 Dec	95.9	0.174	0.228	0.00457	20.8	0.0625	16.8	0.00000796	0.0201	0.0147	0.00774	0.022	0.00508	15.6	0.00000687	0.000175	0.000273	0.000938	0.0497	0.00000852	2.95	0.00443	3.37	0.076	0.00119	1.77	0.00625	0.00522	0.000088	0.000403	0.000227	0.0961	0.00000847	0.000566	0.000692	0.00285
2050 Jan	95.7	0.175	0.227	0.00456	20.7	0.0624	16.8	0.00000796	0.02	0.0147	0.00774	0.0219	0.00511	15.6	0.00000687	0.000175	0.000273	0.000937	0.0498	0.0000085	2.94	0.00443	3.37	0.0762	0.00118	1.77	0.00627	0.00522	0.0000882	0.000402	0.000227	0.096	0.00000845	0.000565	0.000691	0.00285
2050 Feb	95.5	0.175	0.226	0.00455	20.7	0.0623	16.8	0.00000796	0.02	0.0148	0.00774	0.0219	0.00512	15.5	0.00000688	0.000175	0.000273	0.000937	0.0498	0.0000085	2.93	0.00444	3.36	0.0762	0.00118	1.77	0.00628	0.00522	0.0000883	0.000401	0.000227	0.0959	0.00000845	0.000564	0.000691	0.00284
2050 Mar	95.4	0.175	0.225	0.00455	20.7	0.0622	16.8	0.00000796	0.0199	0.0148	0.00774	0.0219	0.00514	15.5	0.00000688	0.000175	0.000274	0.000936	0.0498	0.00000849	2.93	0.00444	3.36	0.0763	0.00118	1.76	0.00629	0.00521	0.0000884	0.000401	0.000227	0.0958	0.00000844	0.000564	0.000691	0.00284
2050 Apr	95.4	0.176	0.225	0.00455	20.7	0.0623	16.8	0.00000797	0.02	0.0148	0.00776	0.0219	0.00515	15.6	0.00000689	0.000175	0.000274	0.000937	0.0499	0.0000085	2.93	0.00445	3.36	0.0765	0.00118	1.76	0.0063	0.00522	0.0000886	0.000401	0.000227	0.0959	0.00000845	0.000564	0.000692	0.00284
2050 May	96	0.177	0.227	0.00458	20.8	0.0626	16.9	0.00000801	0.02	0.0149	0.0078	0.022	0.00518	15.7	0.00000693	0.000175	0.000276	0.000942	0.0502	0.00000853	2.95	0.00447	3.38	0.0769	0.00119	1.78	0.00634	0.00525	0.0000891	0.000403	0.000228	0.0965	0.00000849	0.000567	0.000695	0.00286
2050 Jun	96.3	0.171	0.231	0.00459	20.9	0.0619	16.6	0.00000785	0.0196	0.0141	0.00763	0.022	0.00495	15.5	0.00000675	0.000171	0.000268	0.000922	0.0492	0.0000083	2.94	0.00438	3.36	0.0751	0.00116	1.78	0.00608	0.00517	0.0000865	0.000393	0.000224	0.0962	0.00000831	0.000551	0.000675	0.00279
2050 Jul	96.6	0.174	0.23	0.0046	20.9	0.0622	16.7	0.00000793	0.0197	0.0143	0.00772	0.0221	0.00508	15.6	0.00000683	0.000173	0.000272	0.000929	0.0497	0.00000837	2.94	0.00443	3.37	0.0761	0.00117	1.78	0.00617	0.00522	0.0000879	0.000395	0.000226	0.0967	0.00000838	0.000555	0.000681	0.00281
2050 Aug	97.7	0.175	0.234	0.00466	21.2	0.0628	16.8	0.00000798	0.0198	0.0143	0.00777	0.0223	0.00509	15.8	0.00000687	0.000174	0.000274	0.000936	0.0501	0.00000842	2.98	0.00446	3.41	0.0766	0.00118	1.8	0.00619	0.00526	0.0000883	0.000397	0.000227	0.0978	0.00000844	0.000559	0.000684	0.00283
2050 Sep	97.2	0.173	0.233	0.00463	21.1	0.0623	16.7	0.00000791	0.0196	0.014	0.0077	0.0222	0.00505	15.7	0.00000681	0.000172	0.000271	0.000927	0.0496	0.00000833	2.95	0.00443	3.38	0.076	0.00116	1.79	0.00611	0.00522	0.0000875	0.000393	0.000225	0.0972	0.00000836	0.000552	0.000677	0.00281
2050 Oct	96.6	0.173	0.231	0.0046	20.9	0.0618	16.6	0.00000786	0.0194	0.014	0.00766	0.022	0.00506	15.6	0.00000677	0.00017	0.000271	0.000919	0.0494	0.00000823	2.93	0.00442	3.36	0.0758	0.00115	1.78	0.00609	0.0052	0.0000872	0.000388	0.000224	0.0967	0.00000829	0.000546	0.00067	0.00278
2050 Nov	96.1	0.174	0.229	0.00458	20.8	0.0615	16.6	0.00000784	0.0192	0.014	0.00765	0.0219	0.00509	15.5	0.00000676	0.000169	0.000271	0.000915	0.0494	0.00000818	2.91	0.00441	3.35	0.0759	0.00115	1.78	0.00611	0.00519	0.0000874	0.000385	0.000223	0.0963	0.00000825	0.000542	0.000667	0.00277
2050 Dec	95.7	0.175	0.228	0.00456	20.8	0.0613	16.6	0.00000784	0.0192	0.0141	0.00765	0.0218	0.00512	15.5	0.00000676	0.000169	0.000272	0.000914	0.0494	0.00000817	2.89	0.00442	3.34	0.0761	0.00115	1.77	0.00613	0.00519	0.0000876	0.000384	0.000223	0.096	0.00000824	0.000541	0.000667	0.00276
2051 Jan	95.5	0.175	0.227	0.00455	20.7	0.0612	16.6	0.00000784	0.0191	0.0141	0.00765	0.0217	0.00515	15.5	0.00000677	0.000169	0.000272	0.000913	0.0494	0.00000817	2.88	0.00442	3.34	0.0762	0.00115	1.77	0.00614	0.00518	0.0000878	0.000383	0.000223	0.0959	0.00000823	0.000541	0.000667	0.00276
2051 Feb	95.3	0.176	0.226	0.00454	20.7	0.0612	16.6	0.00000784	0.0191	0.0142	0.00765	0.0217	0.00516	15.5	0.00000677	0.000169	0.000272	0.000913	0.0495	0.00000817	2.88	0.00443	3.34	0.0763	0.00115	1.76	0.00615	0.00518	0.0000879	0.000382	0.000223	0.0958	0.00000822	0.00054	0.000667	0.00276
2051 Mar	95.2	0.176	0.225	0.00454	20.6	0.0611	16.6	0.00000784	0.0191	0.0142	0.00766	0.0217	0.00518	15.5	0.00000678	0.000168	0.000273	0.000912	0.0495	0.00000816	2.87	0.00443	3.33	0.0764	0.00115	1.76	0.00616	0.00518	0.000088	0.000382	0.000223	0.0957	0.00000822	0.00054	0.000667	0.00276
2051 Apr	95.2	0.176	0.225	0.00454	20.7	0.0612	16.6	0.00000785	0.0191	0.0142	0.00767	0.0217	0.00519	15.5	0.00000679	0.000169	0.000273	0.000913	0.0495	0.00000817	2.88	0.00444	3.34	0.0765	0.00115	1.76	0.00617	0.00519	0.0000882	0.000382	0.000223	0.0958	0.00000822	0.00054	0.000667	0.00276
2051 May	95.8	0.177	0.227	0.00457	20.8	0.0615	16.7	0.0000079	0.0192	0.0143	0.00771	0.0218	0.00522	15.6	0.00000683	0.00017	0.000275	0.000918	0.0498	0.00000821	2.89	0.00446	3.36	0.077	0.00115	1.77	0.00621	0.00522	0.0000887	0.000384	0.000225	0.0964	0.00000827	0.000544	0.000671	0.00278
2051 Jun	95.9	0.17	0.229	0.00455	20.8	0.0619	16.4	0.00000785	0.0198	0.0134	0.00763	0.0219	0.00495	15.4	0.00000676	0.000171	0.000267	0.000921	0.0489	0.00000836	2.94	0.00437	3.33	0.0749	0.00114	1.77	0.00595	0.00514	0.0000868	0.000392	0.000223	0.0959	0.00000833	0.000555	0.000674	0.0028
2051 Jul	96	0.174	0.228	0.00455	20.8	0.0623	16.6	0.00000794	0.02	0.0136	0.00772	0.022	0.00508	15.5	0.00000685	0.000173	0.000271	0.00093	0.0494	0.00000847	2.95	0.00443	3.34	0.0759	0.00115	1.78	0.00603	0.00519	0.0000883	0.000395	0.000226	0.0962	0.00000842	0.000562	0.000682	0.00283
2051 Aug	97.2	0.174	0.232	0.0046	21.1	0.0628	16.7	0.00000799	0.0201	0.0136	0.00777	0.0222	0.00509	15.7	0.00000689	0.000174	0.000273	0.000936	0.0497	0.00000851	2.98	0.00446	3.37	0.0763	0.00115	1.8	0.00605	0.00523	0.0000887	0.000398	0.000227	0.0973	0.00000847	0.000564	0.000685	0.00284
2051 Sep	96.7	0.173	0.231	0.00459	21	0.0623	16.5	0.00000792	0.0198	0.0134	0.0077	0.0221	0.00505	15.6	0.00000682	0.000172	0.000271	0.000926	0.0494	0.00000839	2.95	0.00443	3.35	0.0758	0.00114	1.79	0.00599	0.00519	0.0000879	0.000392	0.000225	0.0968	0.00000838	0.000556	0.000676	0.00281
2051 Oct	96.1	0.173	0.229	0.00456	20.9	0.0618	16.5	0.00000787	0.0196	0.0133	0.00766	0.0219	0.00505	15.5	0.00000678	0.00017	0.00027	0.000918	0.0492	0.0000083	2.93	0.00441	3.33	0.0756	0.00113	1.78	0.00597	0.00517	0.0000876	0.000387	0.000224	0.0963	0.00000831	0.00055	0.00067	0.00279
2051 Nov	95.6	0.174	0.227	0.00453	20.7	0.0615	16.4	0.00000785	0.0195	0.0134	0.00765	0.0218	0.00508	15.4	0.00000678	0.00017	0.00027	0.000915	0.0491	0.00000827	2.91	0.00441	3.32	0.0757	0.00113	1.77	0.00598	0.00516	0.0000878	0.000385	0.000223	0.0959	0.00000828	0.000547	0.000668	0.00278
2051 Dec	95.2	0.174	0.225	0.00451	20.7	0.0614	16.4	0.00000785	0.0194	0.0134	0.00765	0.0217	0.00512	15.4	0.00000678	0.000169	0.000271	0.000914	0.0491	0.00000826	2.89	0.00441	3.31	0.0759	0.00113	1.76	0.006	0.00516	0.000088	0.000384	0.000223	0.0956	0.00000827	0.000546	0.000667	0.00277
2052 Jan	95	0.175	0.224	0.0045	20.6	0.0613	16.4	0.00000785	0.0194	0.0135	0.00765	0.0217	0.00514	15.4	0.00000679	0.000169	0.000271	0.000913	0.0492	0.00000825	2.88	0.00442	3.31	0.076	0.00113	1.76	0.00601	0.00516	0.0000882	0.000383	0.000223	0.0955	0.00000826	0.000545	0.000667	0.00277
2052 Feb	94.8	0.175	0.223	0.00449	20.6	0.0612	16.4	0.00000785	0.0194	0.0135	0.00765	0.0216	0.00516	15.4	0.00000679	0.000169	0.000272	0.000912	0.0492	0.00000824	2.88	0.00442	3.3	0.0761	0.00112	1.76	0.00602	0.00515	0.0000883	0.000382	0.000223	0.0954	0.00000825	0.000545	0.000667	0.00277
2052 Mar	94.7	0.176	0.223	0.00448	20.6	0.0611	16.5	0.00000785	0.0193	0.0135	0.00765	0.0216	0.00517	15.4	0.00000679	0.000169	0.000272	0.000911	0.0492	0.00000824	2.87	0.00442	3.3	0.0762	0.00112	1.75	0.00603	0.00515	0.0000884	0.000382	0.000223	0.0953	0.00000825	0.000544	0.000667	0.00277
2052 Apr	94.7	0.176	0.223	0.00449	20.6	0.0612	16.5	0.00000786	0.0193	0.0136	0.00766	0.0216	0.00518	15.4	0.0000068	0.000169	0.000272	0.000912	0.0493	0.00000824	2.87	0.00443	3.3	0.0763	0.00112	1.76	0.00604	0.00516	0.0000886	0.000381	0.000223	0.0954	0.00000825	0.000545	0.000667	0.00277
2052 May	95.3	0.177	0.224	0.00451	20.7	0.0618	16.6	0.00000793	0.0197	0.0136	0.00773	0.0218	0.0052	15.5	0.00000687	0.000171	0.000274	0.000923	0.0496	0.00000838	2.91	0.00446	3.32	0.0767	0.00113	1.77	0.00607	0.00519	0.0000893	0.000388	0.000226	0.0959	0.00000836	0.000554	0.000676	0.0028
2052 Jun	95.7	0.171	0.229	0.00453	20.7	0.0608	16.2	0.00000773	0.0189	0.0129	0.00754	0.0218	0.00497	15.3	0.00000666	0.000166	0.000267	0.000898	0.0486	0.00000804	2.88	0.00435	3.3	0.0749	0.00111	1.77	0.00584	0.00511	0.0000864	0.000374	0.00022	0.0957	0.00000812	0.000532	0.00065	0.00272
2052 Jul	95.9	0.174	0.228	0.00453	20.8	0.0611	16.4	0.00000781	0.019	0.013	0.00762	0.0218	0.00509	15.4	0.00000674	0.000166	0.000271	0.000904	0.0491	0.00000809	2.89	0.00441	3.32	0.076	0.00111	1.77	0.00592	0.00516	0.0000878	0.000375	0.000222	0.0962	0.00000817	0.000534	0.000655	0.00273
2052 Aug	97.1	0.175	0.231	0.00459	21	0.0616	16.5	0.00000786	0.0191	0.0131	0.00767	0.022	0.0051	15.6	0.00000677	0.000167	0.000272	0.000909	0.0495	0.00000813	2.92	0.00444	3.35	0.0765	0.00112	1.8	0.00594	0.0052	0.0000882	0.000377	0.000223	0.0972	0.00000822	0.000537	0.000658	0.00275
2052 Sep	96.5	0.173	0.23	0.00457	20.9	0.0611	16.4	0.00000779	0.0189	0.0129	0.00761	0.0219	0.00505	15.5	0.00000671	0.000166	0.00027	0.000901	0.0491	0.00000804	2.9	0.0044	3.33	0.0759	0.00111	1.79	0.00587	0.00516	0.0000874	0.000373	0.000221	0.0966	0.00000815	0.000531	0.000651	0.00272
2052 Oct	95.9	0.173	0.228	0.00453	20.8	0.0607	16.3	0.00000775	0.0187	0.0128	0.00757	0.0217	0.00505	15.4	0.00000668	0.000164	0.000269	0.000895	0.0489	0.00000797	2.87	0.00439	3.31	0.0757	0.0011	1.77	0.00585	0.00514	0.0000872	0.000369	0.00022	0.0961	0.00000809	0.000526	0.000646	0.0027
2052 Nov	95.4	0.174	0.226	0.00451	20.7	0.0604	16.3	0.00000773	0.0186	0.0128	0.00756	0.0216	0.00508	15.3	0.00000667	0.000163	0.000269	0.000891	0.0488	0.00000794	2.85	0.00439	3.29	0.0758	0.00109	1.77	0.00586	0.00513	0.0000874	0.000366	0.00022	0.0957	0.00000806	0.000523	0.000644	0.00269
2052 Dec	95	0.175	0.225	0.00449	20.6	0.0603	16.3	0.00000774	0.0186	0.0129	0.00756	0.0215	0.00511	15.3	0.00000668	0.000163	0.00027	0.000891	0.0488	0.00000793	2.84	0.00439	3.29	0.0759	0.00109	1.76	0.00588	0.00513	0.0000876	0.000365	0.00022	0.0955	0.00000805	0.000523	0.000644	0.00269
2053 Jan	94.7	0.175	0.224	0.00448	20.6	0.0602	16.3	0.00000774	0.0186	0.0129	0.00757	0.0215	0.00514	15.3	0.00000669	0.000163	0.00027	0.00089	0.0488	0.00000793	2.83	0.00439	3.28	0.0761	0.00109	1.76	0.0059	0.00512	0.0000878	0.000365	0.00022	0.0953	0.00000804	0.000522	0.000644	0.00269
2053 Feb	94.6	0.175	0.223	0.00447	20.5	0.0602	16.3	0.00000774	0.0186	0.013	0.00757	0.0214	0.00515	15.3	0.00000669	0.000163	0.000271	0.00089	0.0489	0.00000793	2.83	0.0044	3.28	0.0761	0.00109	1.75	0.00591	0.00512	0.0000879	0.000365	0.00022	0.0952	0.00000804	0.000523	0.000644	0.00269
2053 Mar	94.4	0.176	0.222	0.00446	20.5	0.0601	16.3	0.00000774	0.0186	0.013	0.00757	0.0214	0.00516	15.3	0.0000067	0.000163	0.000271	0.00089	0.0489	0.00000794	2.83	0.0044	3.27	0.0762	0.00109	1.75	0.00592	0.00512	0.000088	0.000365	0.00022	0.0951	0.00000804	0.000523	0.000645	0.00269
2053 Apr	94.5	0.176	0.222	0.00446	20.5	0.0602	16.3	0.00000775	0.0186	0.013	0.00758	0.0214	0.00518	15.3	0.00000671	0.000163	0.000272	0.000891	0.0489	0.00000795	2.83	0.00441	3.28	0.0763	0.00109	1.75	0.00593	0.00513	0.0000882	0.000365	0.00022	0.0952	0.00000806	0.000524	0.000646	0.00269
2053 May	95	0.177	0.222	0.00447	20.6	0.0613	16.4	0.00000788	0.0194	0.013	0.00768	0.0217	0.00519	15.4	0.00000682	0.000168	0.000273	0.000911	0.0493	0.00000824	2.88	0.00444	3.29	0.0766	0.00111	1.76	0.00596	0.00516	0.0000893	0.000378	0.000224	0.0956	0.00000825	0.000544	0.000664	0.00277
2053 Jun	95.2	0.17	0.226	0.00447	20.7	0.0611	16.1	0.00000777	0.0194	0.0123	0.00756	0.0217	0.00493	15.3	0.00000671	0.000167	0.000266	0.000904	0.0483	0.00000821	2.9	0.00434	3.27	0.0746	0.00109	1.76	0.00572	0.00509	0.000087	0.000379	0.000221	0.0952	0.00000821	0.000543	0.000656	0.00275
2053 Jul	95.5	0.173	0.225	0.00447	20.7	0.0613	16.3	0.00000784	0.0194	0.0124	0.00764	0.0218	0.00505	15.3	0.00000678	0.000168	0.00027	0.000908	0.0489	0.00000823	2.9	0.0044	3.29	0.0758	0.00109	1.77	0.0058	0.00514	0.0000884	0.000378	0.000223	0.0957	0.00000824	0.000543	0.000659	0.00276
2053 Aug	96.6	0.174	0.229	0.00453	21	0.062	16.4	0.0000079	0.0196	0.0124	0.00769	0.022	0.00505	15.5	0.00000682	0.000169	0.000271	0.000916	0.0492	0.00000831	2.93	0.00443	3.32	0.0762	0.0011	1.79	0.00582	0.00518	0.0000888	0.000382	0.000224	0.0967	0.00000832	0.000548	0.000665	0.00278
2053 Sep	96.1	0.172	0.228	0.0045	20.9	0.0614	16.2	0.00000783	0.0194	0.0122	0.00763	0.0219	0.005	15.4	0.00000675	0.000167	0.000269	0.000906	0.0488	0.0000082	2.91	0.00439	3.3	0.0756	0.00109	1.78	0.00575	0.00514	0.0000879	0.000377	0.000222	0.0962	0.00000823	0.000541	0.000656	0.00275
2053 Oct	95.4	0.172	0.226	0.00447	20.7	0.0609	16.2	0.00000777	0.0191	0.0122	0.00758	0.0217	0.005	15.3	0.00000671	0.000165	0.000268	0.000898	0.0486	0.0000081	2.88	0.00437	3.28	0.0754	0.00108	1.77	0.00574	0.00511	0.0000877	0.000371	0.000221	0.0956	0.00000815	0.000534	0.00065	0.00272
2053 Nov	94.9	0.173	0.224	0.00445	20.6	0.0607	16.1	0.00000776	0.019	0.0122	0.00757	0.0216	0.00503	15.2	0.00000671	0.000165	0.000269	0.000895	0.0486	0.00000807	2.86	0.00437	3.26	0.0755	0.00108	1.76	0.00575	0.0051	0.0000878	0.000369	0.00022	0.0952	0.00000812	0.000532	0.000648	0.00272
2053 Dec	94.5	0.174	0.222	0.00442	20.5	0.0606	16.1	0.00000777	0.0191	0.0123	0.00758	0.0215	0.00506	15.2	0.00000673	0.000165	0.000269	0.000896	0.0486	0.00000811	2.86	0.00438	3.25	0.0757	0.00108	1.75	0.00576	0.0051	0.0000881	0.00037	0.000221	0.095	0.00000814	0.000534	0.00065	0.00272
2054 Jan	94.3	0.174	0.221	0.00441	20.5	0.0606	16.1	0.00000777	0.0191	0.0123	0.00759	0.0215	0.00508	15.2	0.00000673	0.000165	0.00027	0.000896	0.0486	0.00000811	2.85	0.00438	3.25	0.0758	0.00107	1.75	0.00578	0.0051	0.0000883	0.000369	0.000221	0.0948	0.00000813	0.000534	0.00065	0.00272
2054 Feb	94.1	0.174	0.22	0.0044	20.4	0.0605	16.1	0.00000778	0.0191	0.0123	0.00759	0.0214	0.0051	15.2	0.00000674	0.000165	0.00027	0.000896	0.0486	0.00000811	2.84	0.00438	3.25	0.0758	0.00107	1.75	0.00579	0.0051	0.0000885	0.000369	0.000221	0.0947	0.00000814	0.000534	0.000651	0.00272
2054 Mar	93.9	0.175	0.219	0.00439	20.4	0.0605	16.1	0.00000778	0.0191	0.0124	0.00759	0.0214	0.00511	15.2	0.00000675	0.000165	0.00027	0.000896	0.0486	0.00000812	2.84	0.00438	3.24	0.0759	0.00107	1.74	0.00579	0.0051	0.0000886	0.000369	0.000221	0.0946	0.00000814	0.000535	0.000651	0.00272
2054 Apr	94	0.175	0.219	0.00439	20.4	0.0605	16.2	0.00000779	0.0191	0.0124	0.0076	0.0214	0.00512	15.2	0.00000676	0.000165	0.000271	0.000897	0.0487	0.00000812	2.84	0.00439	3.25	0.0761	0.00107	1.74	0.00581	0.00511	0.0000888	0.000369	0.000221	0.0947	0.00000814	0.000535	0.000651	0.00272
2054 May	94.6	0.176	0.221	0.00442	20.6	0.0609	16.3	0.00000784	0.0192	0.0124	0.00765	0.0216	0.00515	15.3	0.0000068	0.000166	0.000272	0.000903	0.049	0.00000818	2.86	0.00442	3.26	0.0765	0.00108	1.76	0.00584	0.00514	0.0000893	0.000372	0.000223	0.0952	0.0000082	0.000539	0.000656	0.00274
2054 Jun	95	0.17	0.225	0.00444	20.6	0.06	15.9	0.00000765	0.0185	0.0118	0.00747	0.0215	0.0049	15.2	0.00000659	0.000161	0.000265	0.000879	0.048	0.00000786	2.84	0.00431	3.25	0.0747	0.00106	1.76	0.00561	0.00506	0.0000865	0.000359	0.000217	0.095	0.00000797	0.000517	0.000632	0.00266
2054 Jul	95.1	0.173	0.224	0.00443	20.6	0.0604	16.1	0.00000774	0.0188	0.0119	0.00756	0.0216	0.00501	15.2	0.00000669	0.000163	0.000269	0.000888	0.0485	0.00000798	2.85	0.00437	3.26	0.0757	0.00106	1.76	0.00569	0.0051	0.0000879	0.000363	0.00022	0.0954	0.00000806	0.000525	0.00064	0.00269
2054 Aug	96.2	0.174	0.227	0.00448	20.9	0.0613	16.2	0.00000783	0.0192	0.0119	0.00764	0.0219	0.00501	15.4	0.00000676	0.000166	0.00027	0.000902	0.0489	0.00000814	2.9	0.0044	3.29	0.0761	0.00107	1.78	0.00571	0.00515	0.0000886	0.000371	0.000222	0.0964	0.0000082	0.000536	0.000651	0.00274
2054 Sep	95.7	0.172	0.226	0.00445	20.8	0.0611	16.1	0.00000779	0.0192	0.0117	0.00759	0.0218	0.00496	15.3	0.00000672	0.000165	0.000268	0.000898	0.0485	0.00000812	2.89	0.00437	3.27	0.0755	0.00107	1.77	0.00565	0.00511	0.000088	0.00037	0.000221	0.0958	0.00000816	0.000535	0.000648	0.00273
2054 Oct	95.1	0.172	0.224	0.00443	20.6	0.0606	16	0.00000774	0.019	0.0117	0.00755	0.0216	0.00496	15.2	0.00000669	0.000164	0.000268	0.00089	0.0483	0.00000804	2.86	0.00435	3.25	0.0753	0.00106	1.76	0.00563	0.00509	0.0000877	0.000365	0.00022	0.0953	0.00000809	0.000529	0.000642	0.0027
2054 Nov	94.6	0.172	0.222	0.0044	20.5	0.0603	16	0.00000772	0.0188	0.0117	0.00754	0.0215	0.00499	15.2	0.00000668	0.000163	0.000268	0.000887	0.0483	0.000008	2.84	0.00435	3.24	0.0754	0.00105	1.75	0.00564	0.00508	0.0000879	0.000362	0.000219	0.0949	0.00000806	0.000526	0.000639	0.00269
2054 Dec	94.2	0.173	0.22	0.00438	20.5	0.0602	16	0.00000772	0.0188	0.0117	0.00754	0.0214	0.00502	15.1	0.00000668	0.000162	0.000268	0.000886	0.0483	0.00000799	2.83	0.00435	3.23	0.0756	0.00105	1.75	0.00566	0.00508	0.0000881	0.000361	0.000219	0.0947	0.00000805	0.000525	0.000639	0.00269
2055 Jan	93.9	0.174	0.219	0.00436	20.4	0.0601	16	0.00000772	0.0188	0.0118	0.00754	0.0214	0.00504	15.1	0.00000669	0.000162	0.000269	0.000885	0.0483	0.00000798	2.82	0.00435	3.22	0.0757	0.00105	1.74	0.00567	0.00507	0.0000883	0.00036	0.000219	0.0945	0.00000804	0.000524	0.000639	0.00268
2055 Feb	93.8	0.174	0.218	0.00436	20.4	0.06	16	0.00000772	0.0187	0.0118	0.00754	0.0213	0.00506	15.1	0.00000669	0.000162	0.000269	0.000884	0.0483	0.00000798	2.82	0.00436	3.22	0.0758	0.00105	1.74	0.00568	0.00507	0.0000884	0.00036	0.000219	0.0944	0.00000803	0.000524	0.000639	0.00268
2055 Mar	93.6	0.174	0.218	0.00435	20.4	0.0599	16	0.00000772	0.0187	0.0118	0.00754	0.0213	0.00507	15.1	0.0000067	0.000162	0.000269	0.000884	0.0483	0.00000797	2.81	0.00436	3.22	0.0758	0.00105	1.74	0.00569	0.00507	0.0000885	0.000359	0.000219	0.0943	0.00000803	0.000524	0.000639	0.00268
2055 Apr	93.7	0.175	0.218	0.00435	20.4	0.06	16	0.00000773	0.0187	0.0119	0.00755	0.0213	0.00508	15.1	0.0000067	0.000162	0.00027	0.000884	0.0484	0.00000798	2.81	0.00437	3.22	0.076	0.00105	1.74	0.0057	0.00508	0.0000887	0.000359	0.000219	0.0944	0.00000804	0.000524	0.000639	0.00268
2055 May	94.3	0.176	0.219	0.00438	20.5	0.0603	16.1	0.00000777	0.0188	0.0119	0.00759	0.0214	0.0051	15.2	0.00000674	0.000163	0.000271	0.000889	0.0487	0.00000801	2.83	0.00439	3.24	0.0764	0.00105	1.75	0.00573	0.00511	0.0000891	0.000361	0.00022	0.095	0.00000807	0.000526	0.000642	0.0027
2055 Jun	94.5	0.169	0.223	0.00438	20.5	0.0599	15.8	0.00000765	0.0187	0.0112	0.00746	0.0215	0.00485	15.1	0.0000066	0.000161	0.000264	0.000878	0.0478	0.00000791	2.84	0.00429	3.22	0.0745	0.00104	1.75	0.00551	0.00503	0.0000868	0.000359	0.000217	0.0945	0.00000798	0.00052	0.000631	0.00266
2055 Jul	94.7	0.172	0.221	0.00437	20.6	0.0606	16	0.00000776	0.0191	0.0113	0.00757	0.0216	0.00495	15.2	0.00000671	0.000164	0.000268	0.000892	0.0483	0.00000809	2.86	0.00434	3.23	0.0755	0.00105	1.75	0.00558	0.00508	0.0000884	0.000365	0.00022	0.0949	0.00000812	0.000532	0.000643	0.00271
2055 Aug	95.8	0.173	0.225	0.00443	20.8	0.0612	16.1	0.00000781	0.0193	0.0113	0.00762	0.0218	0.00495	15.3	0.00000675	0.000165	0.000269	0.000898	0.0486	0.00000814	2.89	0.00437	3.26	0.0759	0.00105	1.77	0.0056	0.00512	0.0000887	0.000368	0.000222	0.096	0.00000818	0.000535	0.000647	0.00273
2055 Sep	95.3	0.171	0.224	0.0044	20.7	0.0607	16	0.00000775	0.0191	0.0112	0.00756	0.0217	0.00491	15.2	0.0000067	0.000163	0.000267	0.000891	0.0483	0.00000806	2.87	0.00434	3.24	0.0753	0.00105	1.76	0.00554	0.00508	0.000088	0.000364	0.00022	0.0954	0.00000811	0.00053	0.00064	0.0027
2055 Oct	94.7	0.171	0.222	0.00437	20.6	0.0603	15.9	0.0000077	0.0188	0.0111	0.00752	0.0215	0.0049	15.1	0.00000666	0.000162	0.000267	0.000883	0.0481	0.00000798	2.85	0.00432	3.22	0.0752	0.00104	1.75	0.00552	0.00506	0.0000878	0.00036	0.000218	0.0949	0.00000804	0.000524	0.000635	0.00268
2055 Nov	94.1	0.171	0.219	0.00434	20.5	0.0602	15.9	0.00000772	0.019	0.0112	0.00753	0.0214	0.00492	15.1	0.00000668	0.000162	0.000267	0.000885	0.048	0.00000803	2.84	0.00432	3.21	0.0752	0.00103	1.74	0.00553	0.00505	0.0000881	0.000361	0.000219	0.0944	0.00000806	0.000528	0.000638	0.00269
2055 Dec	93.7	0.172	0.217	0.00431	20.4	0.0603	15.9	0.00000774	0.0191	0.0112	0.00754	0.0214	0.00495	15	0.00000671	0.000163	0.000268	0.000888	0.048	0.00000809	2.84	0.00433	3.2	0.0753	0.00104	1.74	0.00555	0.00505	0.0000885	0.000363	0.000219	0.0941	0.0000081	0.000532	0.000641	0.0027
2056 Jan	93.5	0.173	0.216	0.0043	20.3	0.0602	15.9	0.00000774	0.0191	0.0112	0.00754	0.0213	0.00497	15	0.00000671	0.000163	0.000268	0.000887	0.0481	0.00000808	2.83	0.00433	3.19	0.0754	0.00103	1.73	0.00556	0.00505	0.0000887	0.000362	0.000219	0.0939	0.00000809	0.000531	0.000641	0.0027
2056 Feb	93.3	0.173	0.215	0.00429	20.3	0.0602	15.9	0.00000774	0.0191	0.0113	0.00755	0.0213	0.00498	15	0.00000672	0.000163	0.000268	0.000887	0.0481	0.0000081	2.83	0.00433	3.19	0.0755	0.00103	1.73	0.00557	0.00505	0.0000888	0.000362	0.000219	0.0938	0.00000809	0.000532	0.000642	0.0027
2056 Mar	93.1	0.173	0.214	0.00428	20.3	0.0601	15.9	0.00000774	0.0191	0.0113	0.00755	0.0212	0.00499	15	0.00000672	0.000163	0.000269	0.000887	0.0481	0.0000081	2.82	0.00433	3.19	0.0756	0.00103	1.73	0.00558	0.00505	0.0000889	0.000362	0.000219	0.0937	0.00000809	0.000532	0.000642	0.0027
2056 Apr	93.2	0.173	0.215	0.00428	20.3	0.0602	15.9	0.00000775	0.0191	0.0113	0.00756	0.0213	0.00501	15	0.00000673	0.000163	0.000269	0.000888	0.0481	0.0000081	2.82	0.00434	3.19	0.0757	0.00103	1.73	0.00559	0.00505	0.0000891	0.000362	0.00022	0.0938	0.00000809	0.000532	0.000642	0.0027
2056 May	93.8	0.174	0.216	0.0043	20.4	0.0608	16	0.00000782	0.0194	0.0113	0.00762	0.0214	0.00503	15.1	0.00000679	0.000165	0.000271	0.000898	0.0484	0.00000823	2.85	0.00437	3.21	0.0761	0.00104	1.74	0.00561	0.00509	0.0000898	0.000368	0.000222	0.0944	0.00000819	0.00054	0.000651	0.00274
2056 Jun	94.2	0.168	0.22	0.00432	20.4	0.0602	15.7	0.00000767	0.019	0.0107	0.00747	0.0215	0.00478	15	0.00000663	0.000162	0.000263	0.000882	0.0476	0.00000803	2.85	0.00427	3.19	0.0743	0.00102	1.74	0.0054	0.00501	0.0000872	0.000361	0.000217	0.0941	0.00000804	0.000528	0.000634	0.00268
2056 Jul	94.4	0.172	0.219	0.00432	20.5	0.0605	15.9	0.00000775	0.0191	0.0109	0.00755	0.0215	0.00489	15.1	0.00000671	0.000163	0.000268	0.000888	0.0481	0.00000809	2.85	0.00433	3.21	0.0754	0.00103	1.75	0.00549	0.00506	0.0000886	0.000362	0.00022	0.0947	0.0000081	0.000531	0.000639	0.0027
2056 Aug	95.4	0.172	0.223	0.00437	20.7	0.0609	15.9	0.00000778	0.0192	0.0108	0.00758	0.0217	0.00488	15.2	0.00000673	0.000164	0.000268	0.000892	0.0483	0.0000081	2.88	0.00434	3.24	0.0756	0.00103	1.77	0.00549	0.00509	0.0000887	0.000363	0.00022	0.0955	0.00000813	0.000532	0.00064	0.00271
2056 Sep	94.7	0.17	0.221	0.00434	20.6	0.0602	15.8	0.00000769	0.0188	0.0107	0.0075	0.0215	0.00484	15.1	0.00000665	0.000161	0.000266	0.000879	0.0479	0.00000796	2.85	0.0043	3.21	0.0751	0.00102	1.75	0.00543	0.00505	0.0000878	0.000356	0.000218	0.0948	0.00000802	0.000522	0.00063	0.00267
2056 Oct	94.1	0.17	0.219	0.0043	20.4	0.0598	15.7	0.00000765	0.0187	0.0106	0.00747	0.0214	0.00483	15	0.00000662	0.00016	0.000265	0.000874	0.0477	0.0000079	2.82	0.00429	3.19	0.0749	0.00101	1.74	0.00541	0.00502	0.0000876	0.000353	0.000217	0.0942	0.00000796	0.000518	0.000626	0.00265
2056 Nov	93.5	0.171	0.217	0.00427	20.3	0.0595	15.7	0.00000764	0.0186	0.0106	0.00746	0.0212	0.00486	14.9	0.00000661	0.000159	0.000266	0.000871	0.0477	0.00000787	2.8	0.00428	3.18	0.075	0.00101	1.73	0.00542	0.00501	0.0000878	0.000351	0.000216	0.0938	0.00000794	0.000516	0.000624	0.00264
2056 Dec	93.2	0.171	0.215	0.00425	20.2	0.0594	15.7	0.00000764	0.0185	0.0107	0.00746	0.0212	0.00489	14.9	0.00000662	0.000159	0.000266	0.00087	0.0477	0.00000786	2.79	0.00429	3.17	0.0751	0.001	1.73	0.00544	0.00501	0.000088	0.00035	0.000216	0.0936	0.00000793	0.000515	0.000624	0.00264
2057 Jan	92.9	0.172	0.214	0.00424	20.2	0.0593	15.7	0.00000764	0.0185	0.0107	0.00746	0.0211	0.00491	14.9	0.00000663	0.000159	0.000267	0.000869	0.0477	0.00000786	2.78	0.00429	3.16	0.0753	0.001	1.72	0.00545	0.00501	0.0000882	0.000349	0.000216	0.0934	0.00000792	0.000515	0.000624	0.00264
2057 Feb	92.7	0.172	0.213	0.00423	20.2	0.0592	15.7	0.00000764	0.0185	0.0108	0.00746	0.0211	0.00492	14.9	0.00000663	0.000159	0.000267	0.000868	0.0477	0.00000786	2.78	0.00429	3.16	0.0753	0.001	1.72	0.00546	0.00501	0.0000883	0.000348	0.000216	0.0933	0.00000792	0.000514	0.000623	0.00264
2057 Mar	92.6	0.173	0.212	0.00422	20.1	0.0592	15.7	0.00000764	0.0185	0.0108	0.00747	0.021	0.00493	14.9	0.00000663	0.000158	0.000267	0.000868	0.0477	0.00000785	2.77	0.00429	3.16	0.0754	0.001	1.72	0.00547	0.00501	0.0000884	0.000348	0.000216	0.0932	0.00000791	0.000514	0.000623	0.00264

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	92.7	0.173	0.212	0.00423	20.2	0.0592	15.7	0.00000765	0.0185	0.0108	0.00748	0.021	0.00495	14.9	0.00000664	0.000159	0.000268	0.000869	0.0478	0.00000786	2.78	0.0043	3.16	0.0756	0.001	1.72	0.00548	0.00502	0.0000886	0.000348	0.000217	0.0933	0.00000792	0.000514	0.000624	0.00264
2057 May	93.3	0.174	0.214	0.00425	20.3	0.0598	15.8	0.00000772	0.0188	0.0108	0.00754	0.0212	0.00496	15	0.00000671	0.000161	0.000269	0.000879	0.0481	0.00000799	2.81	0.00433	3.18	0.0759	0.00101	1.73	0.0055	0.00505	0.0000893	0.000354	0.000219	0.0938	0.00000802	0.000523	0.000632	0.00267
2057 Jun	93.6	0.168	0.218	0.00427	20.3	0.059	15.5	0.00000755	0.0183	0.0102	0.00737	0.0212	0.00473	14.9	0.00000652	0.000157	0.000262	0.000859	0.0472	0.00000773	2.79	0.00423	3.16	0.0741	0.000992	1.73	0.0053	0.00497	0.0000866	0.000344	0.000214	0.0936	0.00000783	0.000506	0.000612	0.00261
2057 Jul	93.9	0.171	0.217	0.00427	20.4	0.0594	15.7	0.00000763	0.0184	0.0104	0.00746	0.0213	0.00484	15	0.00000661	0.000158	0.000266	0.000867	0.0477	0.0000078	2.8	0.00429	3.18	0.0753	0.000996	1.74	0.00538	0.00502	0.000088	0.000346	0.000216	0.0941	0.0000079	0.00051	0.000618	0.00263
2057 Aug	95.1	0.172	0.221	0.00433	20.6	0.0599	15.8	0.00000768	0.0185	0.0104	0.00751	0.0215	0.00485	15.1	0.00000664	0.000159	0.000268	0.000872	0.0481	0.00000783	2.83	0.00431	3.21	0.0757	0.001	1.76	0.0054	0.00506	0.0000884	0.000348	0.000217	0.0952	0.00000795	0.000513	0.000621	0.00264
2057 Sep	94.6	0.17	0.22	0.00431	20.5	0.0594	15.7	0.00000761	0.0182	0.0102	0.00744	0.0214	0.0048	15	0.00000657	0.000157	0.000265	0.000863	0.0477	0.00000773	2.81	0.00428	3.19	0.0751	0.000994	1.75	0.00534	0.00503	0.0000875	0.000343	0.000215	0.0947	0.00000787	0.000505	0.000613	0.00261
2057 Oct	94	0.17	0.218	0.00428	20.4	0.059	15.6	0.00000757	0.018	0.0102	0.00741	0.0212	0.0048	14.9	0.00000654	0.000155	0.000265	0.000857	0.0475	0.00000766	2.79	0.00426	3.17	0.0749	0.000986	1.74	0.00532	0.005	0.0000873	0.000339	0.000214	0.0941	0.0000078	0.0005	0.000608	0.00259
2057 Nov	93.4	0.171	0.216	0.00425	20.3	0.0588	15.6	0.00000756	0.018	0.0102	0.0074	0.0211	0.00482	14.9	0.00000654	0.000155	0.000265	0.000854	0.0475	0.00000763	2.77	0.00426	3.16	0.075	0.000981	1.73	0.00533	0.005	0.0000875	0.000337	0.000214	0.0937	0.00000778	0.000498	0.000607	0.00259
2057 Dec	93.1	0.171	0.214	0.00423	20.2	0.0586	15.6	0.00000756	0.0179	0.0103	0.0074	0.021	0.00485	14.9	0.00000655	0.000155	0.000266	0.000853	0.0475	0.00000763	2.76	0.00426	3.15	0.0752	0.000979	1.72	0.00535	0.00499	0.0000878	0.000336	0.000214	0.0935	0.00000777	0.000498	0.000607	0.00258
2058 Jan	92.8	0.172	0.213	0.00421	20.2	0.0586	15.6	0.00000756	0.0179	0.0103	0.0074	0.021	0.00487	14.8	0.00000655	0.000154	0.000266	0.000853	0.0475	0.00000763	2.75	0.00427	3.14	0.0753	0.000978	1.72	0.00536	0.00499	0.000088	0.000336	0.000214	0.0933	0.00000777	0.000498	0.000607	0.00258
2058 Feb	92.6	0.172	0.212	0.0042	20.1	0.0585	15.6	0.00000756	0.0179	0.0103	0.00741	0.0209	0.00489	14.8	0.00000656	0.000154	0.000266	0.000853	0.0475	0.00000763	2.74	0.00427	3.14	0.0754	0.000977	1.72	0.00537	0.00499	0.0000881	0.000335	0.000214	0.0932	0.00000777	0.000498	0.000607	0.00258
2058 Mar	92.5	0.173	0.212	0.0042	20.1	0.0585	15.6	0.00000756	0.0179	0.0103	0.00741	0.0209	0.0049	14.8	0.00000656	0.000154	0.000267	0.000852	0.0475	0.00000763	2.74	0.00427	3.14	0.0754	0.000976	1.72	0.00537	0.00499	0.0000882	0.000335	0.000214	0.0931	0.00000776	0.000498	0.000607	0.00258
2058 Apr	92.6	0.173	0.212	0.0042	20.1	0.0585	15.6	0.00000757	0.0179	0.0103	0.00742	0.0209	0.00491	14.8	0.00000657	0.000154	0.000267	0.000853	0.0476	0.00000764	2.74	0.00428	3.14	0.0756	0.000977	1.72	0.00538	0.005	0.0000884	0.000335	0.000214	0.0932	0.00000777	0.000498	0.000607	0.00258
2058 May	93.2	0.174	0.213	0.00422	20.3	0.059	15.7	0.00000763	0.0181	0.0104	0.00747	0.0211	0.00493	14.9	0.00000662	0.000156	0.000269	0.000861	0.0479	0.00000773	2.77	0.0043	3.16	0.076	0.000984	1.73	0.00541	0.00503	0.0000889	0.000339	0.000216	0.0937	0.00000785	0.000504	0.000614	0.00261
2058 Jun	93.2	0.166	0.215	0.00419	20.3	0.0602	15.4	0.00000768	0.0195	0.00973	0.00746	0.0213	0.00465	14.8	0.00000664	0.000163	0.000262	0.000882	0.0471	0.00000816	2.85	0.00422	3.14	0.0738	0.000992	1.72	0.0052	0.00496	0.0000876	0.000361	0.000217	0.0931	0.00000809	0.000535	0.000635	0.0027
2058 Jul	93.4	0.169	0.213	0.00418	20.3	0.061	15.6	0.0000078	0.02	0.00985	0.00757	0.0214	0.00475	14.9	0.00000677	0.000166	0.000266	0.000897	0.0476	0.00000836	2.87	0.00428	3.15	0.0748	0.001	1.73	0.00528	0.00502	0.0000894	0.000369	0.000221	0.0936	0.00000824	0.000549	0.000648	0.00275
2058 Aug	94.5	0.17	0.217	0.00424	20.6	0.0614	15.7	0.00000784	0.02	0.00984	0.00761	0.0217	0.00475	15	0.00000679	0.000166	0.000267	0.0009	0.0479	0.00000837	2.9	0.0043	3.18	0.0752	0.00101	1.75	0.00529	0.00505	0.0000896	0.000369	0.000222	0.0946	0.00000827	0.000549	0.000649	0.00276
2058 Sep	94	0.168	0.216	0.00422	20.4	0.0609	15.6	0.00000777	0.0198	0.00971	0.00755	0.0215	0.00471	14.9	0.00000673	0.000165	0.000265	0.000892	0.0476	0.00000827	2.88	0.00427	3.16	0.0747	0.000998	1.74	0.00524	0.00502	0.0000888	0.000365	0.00022	0.094	0.00000819	0.000542	0.000642	0.00273
2058 Oct	93.4	0.168	0.214	0.00418	20.3	0.0606	15.5	0.00000774	0.0197	0.00966	0.00752	0.0214	0.0047	14.9	0.00000671	0.000164	0.000264	0.000888	0.0474	0.00000825	2.86	0.00425	3.14	0.0745	0.000992	1.73	0.00522	0.00499	0.0000886	0.000363	0.000219	0.0934	0.00000816	0.000541	0.00064	0.00272
2058 Nov	92.9	0.169	0.212	0.00416	20.2	0.0603	15.5	0.00000772	0.0196	0.00969	0.00751	0.0213	0.00472	14.8	0.0000067	0.000163	0.000265	0.000884	0.0473	0.0000082	2.84	0.00425	3.13	0.0746	0.000986	1.72	0.00523	0.00499	0.0000888	0.00036	0.000218	0.0931	0.00000812	0.000537	0.000637	0.0027
2058 Dec	92.5	0.169	0.21	0.00414	20.1	0.0601	15.5	0.00000772	0.0195	0.00973	0.00751	0.0212	0.00475	14.8	0.0000067	0.000162	0.000265	0.000882	0.0474	0.00000818	2.83	0.00425	3.12	0.0748	0.000983	1.72	0.00525	0.00498	0.000089	0.000359	0.000218	0.0928	0.0000081	0.000536	0.000636	0.0027
2059 Jan	92.2	0.17	0.209	0.00412	20.1	0.06	15.5	0.00000771	0.0194	0.00976	0.00751	0.0211	0.00477	14.8	0.00000671	0.000162	0.000266	0.000881	0.0474	0.00000817	2.82	0.00426	3.11	0.0749	0.000981	1.71	0.00526	0.00498	0.0000892	0.000357	0.000218	0.0926	0.00000809	0.000535	0.000635	0.0027
2059 Feb	92.1	0.17	0.208	0.00411	20	0.0599	15.5	0.00000771	0.0194	0.00979	0.00751	0.0211	0.00479	14.7	0.00000671	0.000162	0.000266	0.00088	0.0474	0.00000816	2.81	0.00426	3.11	0.075	0.00098	1.71	0.00527	0.00498	0.0000893	0.000357	0.000218	0.0925	0.00000808	0.000534	0.000635	0.00269
2059 Mar	91.9	0.171	0.207	0.0041	20	0.0598	15.5	0.00000771	0.0194	0.0098	0.00751	0.021	0.0048	14.7	0.00000671	0.000162	0.000266	0.000879	0.0474	0.00000816	2.81	0.00426	3.11	0.075	0.000979	1.71	0.00528	0.00498	0.0000894	0.000356	0.000218	0.0924	0.00000807	0.000534	0.000635	0.00269
2059 Apr	92	0.171	0.207	0.00411	20	0.0599	15.5	0.00000772	0.0194	0.00983	0.00752	0.021	0.00481	14.8	0.00000672	0.000162	0.000267	0.00088	0.0475	0.00000816	2.81	0.00427	3.11	0.0752	0.00098	1.71	0.00529	0.00499	0.0000895	0.000356	0.000218	0.0925	0.00000808	0.000534	0.000635	0.00269
2059 May	92.6	0.172	0.209	0.00413	20.2	0.0604	15.6	0.00000778	0.0196	0.00987	0.00757	0.0212	0.00484	14.8	0.00000677	0.000163	0.000268	0.000887	0.0477	0.00000824	2.83	0.00429	3.13	0.0756	0.000987	1.72	0.00532	0.00502	0.0000901	0.00036	0.00022	0.0931	0.00000815	0.000539	0.000641	0.00272
2059 Jun	93	0.166	0.214	0.00416	20.2	0.0594	15.3	0.00000759	0.0189	0.00933	0.00739	0.0212	0.0046	14.7	0.00000657	0.000158	0.000261	0.000865	0.0469	0.00000793	2.81	0.00419	3.12	0.0738	0.000968	1.72	0.00512	0.00494	0.0000872	0.000349	0.000215	0.0929	0.00000793	0.000519	0.000618	0.00264
2059 Jul	93.2	0.169	0.212	0.00416	20.3	0.0597	15.5	0.00000766	0.0189	0.00946	0.00746	0.0212	0.0047	14.8	0.00000664	0.000159	0.000265	0.000869	0.0473	0.00000796	2.81	0.00424	3.13	0.0749	0.000969	1.73	0.0052	0.00499	0.0000886	0.000348	0.000216	0.0934	0.00000797	0.00052	0.000621	0.00265
2059 Aug	94.3	0.17	0.216	0.00421	20.5	0.0601	15.6	0.0000077	0.019	0.00945	0.00751	0.0215	0.0047	15	0.00000667	0.00016	0.000266	0.000875	0.0477	0.00000799	2.84	0.00427	3.16	0.0753	0.000976	1.75	0.00521	0.00503	0.0000889	0.00035	0.000218	0.0944	0.00000802	0.000522	0.000624	0.00267
2059 Sep	93.8	0.168	0.215	0.00419	20.4	0.0597	15.4	0.00000764	0.0188	0.00932	0.00745	0.0213	0.00466	14.9	0.00000661	0.000158	0.000264	0.000868	0.0473	0.00000792	2.82	0.00423	3.14	0.0748	0.000968	1.74	0.00516	0.00499	0.0000882	0.000347	0.000216	0.0938	0.00000795	0.000517	0.000618	0.00264
2059 Oct	93.2	0.168	0.213	0.00415	20.3	0.0594	15.4	0.00000761	0.0187	0.00928	0.00742	0.0212	0.00465	14.8	0.00000659	0.000158	0.000263	0.000863	0.0471	0.00000788	2.8	0.00422	3.12	0.0746	0.000961	1.73	0.00514	0.00497	0.000088	0.000344	0.000215	0.0933	0.00000791	0.000515	0.000615	0.00263
2059 Nov	92.7	0.169	0.211	0.00413	20.1	0.0591	15.3	0.0000076	0.0186	0.0093	0.00741	0.0211	0.00467	14.7	0.00000658	0.000157	0.000264	0.00086	0.0471	0.00000784	2.78	0.00421	3.11	0.0747	0.000956	1.72	0.00515	0.00496	0.0000882	0.000342	0.000215	0.0929	0.00000788	0.000512	0.000613	0.00262
2059 Dec	92.3	0.169	0.209	0.00411	20.1	0.059	15.3	0.0000076	0.0186	0.00935	0.00741	0.021	0.0047	14.7	0.00000659	0.000156	0.000264	0.000859	0.0471	0.00000783	2.77	0.00422	3.1	0.0748	0.000954	1.71	0.00517	0.00496	0.0000884	0.00034	0.000215	0.0926	0.00000787	0.000511	0.000612	0.00262
2060 Jan	92	0.17	0.208	0.00409	20	0.0589	15.3	0.00000759	0.0185	0.00938	0.00742	0.0209	0.00472	14.7	0.0000066	0.000156	0.000265	0.000858	0.0471	0.00000783	2.76	0.00422	3.1	0.0749	0.000952	1.71	0.00518	0.00496	0.0000886	0.00034	0.000215	0.0924	0.00000786	0.00051	0.000612	0.00261
2060 Feb	91.9	0.17	0.207	0.00408	20	0.0588	15.3	0.00000759	0.0185	0.0094	0.00742	0.0209	0.00473	14.7	0.0000066	0.000156	0.000265	0.000857	0.0471	0.00000782	2.76	0.00422	3.09	0.075	0.000951	1.7	0.00519	0.00495	0.0000887	0.000339	0.000215	0.0923	0.00000786	0.00051	0.000612	0.00261
2060 Mar	91.7	0.171	0.206	0.00407	20	0.0588	15.3	0.0000076	0.0185	0.00941	0.00742	0.0209	0.00475	14.7	0.0000066	0.000156	0.000265	0.000857	0.0471	0.00000782	2.75	0.00422	3.09	0.0751	0.00095	1.7	0.00519	0.00495	0.0000888	0.000339	0.000215	0.0922	0.00000785	0.00051	0.000612	0.00261
2060 Apr	91.8	0.171	0.207	0.00407	20	0.0588	15.4	0.0000076	0.0185	0.00943	0.00743	0.0209	0.00476	14.7	0.00000661	0.000156	0.000266	0.000858	0.0472	0.00000783	2.75	0.00423	3.09	0.0752	0.00095	1.7	0.0052	0.00496	0.000089	0.000339	0.000215	0.0923	0.00000786	0.00051	0.000612	0.00261
2060 May	92.4	0.171	0.208	0.0041	20.1	0.0595	15.5	0.00000768	0.0189	0.00946	0.0075	0.0211	0.00477	14.8	0.00000668	0.000159	0.000267	0.000869	0.0475	0.00000798	2.79	0.00426	3.11	0.0756	0.00096	1.71	0.00523	0.00499	0.0000897	0.000345	0.000217	0.0929	0.00000797	0.00052	0.000622	0.00265
2060 Jun	92.8	0.166	0.212	0.00412	20.1	0.0586	15.2	0.0000075	0.0183	0.00895	0.00732	0.021	0.00454	14.7	0.00000649	0.000154	0.00026	0.000848	0.0466	0.00000769	2.77	0.00416	3.1	0.0738	0.000942	1.71	0.00504	0.00492	0.0000869	0.000335	0.000212	0.0926	0.00000777	0.000501	0.000601	0.00258
2060 Jul	93	0.169	0.211	0.00411	20.2	0.0591	15.3	0.0000076	0.0185	0.00907	0.00742	0.0211	0.00463	14.8	0.00000658	0.000156	0.000264	0.000858	0.0471	0.0000078	2.78	0.00421	3.11	0.0749	0.000947	1.72	0.00511	0.00497	0.0000884	0.000338	0.000215	0.0931	0.00000786	0.000509	0.000609	0.00261
2060 Aug	94.1	0.169	0.214	0.00416	20.4	0.0598	15.4	0.00000766	0.0188	0.00905	0.00747	0.0214	0.00462	14.9	0.00000663	0.000158	0.000265	0.000867	0.0475	0.00000789	2.82	0.00423	3.14	0.0752	0.000957	1.74	0.00512	0.00501	0.0000888	0.000343	0.000216	0.094	0.00000795	0.000515	0.000615	0.00264
2060 Sep	93.5	0.167	0.213	0.00413	20.3	0.0595	15.3	0.00000762	0.0188	0.00891	0.00743	0.0213	0.00457	14.8	0.00000659	0.000157	0.000263	0.000863	0.0471	0.00000789	2.81	0.0042	3.12	0.0746	0.000951	1.73	0.00507	0.00497	0.0000882	0.000343	0.000215	0.0934	0.00000792	0.000515	0.000613	0.00263
2060 Oct	92.8	0.167	0.211	0.0041	20.2	0.0591	15.2	0.00000758	0.0187	0.00887	0.0074	0.0211	0.00457	14.7	0.00000657	0.000156	0.000263	0.000858	0.0469	0.00000784	2.79	0.00418	3.1	0.0744	0.000944	1.72	0.00505	0.00495	0.000088	0.00034	0.000214	0.0928	0.00000788	0.000511	0.00061	0.00262
2060 Nov	92.3	0.168	0.209	0.00407	20.1	0.0589	15.2	0.00000757	0.0186	0.00889	0.00739	0.021	0.00459	14.7	0.00000656	0.000156	0.000263	0.000855	0.0469	0.00000781	2.77	0.00418	3.09	0.0745	0.000939	1.71	0.00506	0.00494	0.0000882	0.000338	0.000214	0.0924	0.00000785	0.000509	0.000608	0.00261
2060 Dec	91.9	0.168	0.207	0.00405	20	0.0587	15.2	0.00000757	0.0185	0.00893	0.00739	0.0209	0.00462	14.6	0.00000657	0.000155	0.000264	0.000854	0.0469	0.0000078	2.76	0.00418	3.08	0.0746	0.000936	1.7	0.00508	0.00493	0.0000884	0.000336	0.000214	0.0921	0.00000784	0.000508	0.000607	0.0026
2061 Jan	91.6	0.169	0.206	0.00403	19.9	0.0586	15.2	0.00000757	0.0185	0.00896	0.00739	0.0208	0.00464	14.6	0.00000657	0.000155	0.000264	0.000853	0.0469	0.0000078	2.75	0.00419	3.07	0.0747	0.000934	1.7	0.00509	0.00493	0.0000886	0.000336	0.000214	0.092	0.00000783	0.000508	0.000607	0.0026
2061 Feb	91.5	0.169	0.205	0.00402	19.9	0.0586	15.2	0.00000757	0.0185	0.00898	0.00739	0.0208	0.00465	14.6	0.00000658	0.000155	0.000264	0.000852	0.0469	0.00000779	2.75	0.00419	3.07	0.0748	0.000933	1.7	0.0051	0.00493	0.0000887	0.000335	0.000214	0.0918	0.00000782	0.000507	0.000607	0.0026
2061 Mar	91.3	0.17	0.204	0.00401	19.9	0.0585	15.2	0.00000757	0.0185	0.009	0.00739	0.0208	0.00466	14.6	0.00000658	0.000155	0.000265	0.000852	0.0469	0.00000779	2.74	0.00419	3.07	0.0749	0.000932	1.69	0.00511	0.00493	0.0000888	0.000335	0.000214	0.0917	0.00000782	0.000507	0.000607	0.0026
2061 Apr	91.4	0.17	0.204	0.00401	19.9	0.0586	15.2	0.00000758	0.0185	0.00901	0.0074	0.0208	0.00467	14.6	0.00000659	0.000155	0.000265	0.000852	0.047	0.00000779	2.74	0.00419	3.07	0.075	0.000933	1.69	0.00511	0.00494	0.000089	0.000335	0.000214	0.0918	0.00000782	0.000507	0.000607	0.0026
2061 May	92	0.17	0.205	0.00403	20	0.0594	15.3	0.00000767	0.019	0.00903	0.00748	0.021	0.00468	14.7	0.00000667	0.000158	0.000266	0.000867	0.0473	0.000008	2.78	0.00422	3.09	0.0753	0.000945	1.71	0.00514	0.00497	0.0000898	0.000344	0.000217	0.0924	0.00000797	0.000521	0.00062	0.00265
2061 Jun	92.2	0.164	0.209	0.00404	20	0.0592	15.1	0.00000757	0.019	0.00852	0.00736	0.0211	0.00444	14.6	0.00000655	0.000157	0.00026	0.00086	0.0464	0.00000794	2.8	0.00413	3.07	0.0734	0.000937	1.7	0.00495	0.0049	0.0000875	0.000345	0.000214	0.092	0.00000791	0.000519	0.000613	0.00263
2061 Jul	92.5	0.167	0.208	0.00404	20.1	0.0596	15.2	0.00000765	0.0192	0.00863	0.00745	0.0211	0.00453	14.7	0.00000664	0.000159	0.000263	0.000868	0.0469	0.00000804	2.81	0.00418	3.09	0.0745	0.000941	1.71	0.00502	0.00495	0.0000889	0.000347	0.000216	0.0925	0.00000799	0.000524	0.00062	0.00266
2061 Aug	93.6	0.168	0.211	0.00409	20.3	0.0603	15.3	0.00000771	0.0194	0.00862	0.0075	0.0214	0.00453	14.8	0.00000668	0.000161	0.000265	0.000876	0.0473	0.00000811	2.84	0.00421	3.12	0.0749	0.00095	1.73	0.00504	0.00499	0.0000893	0.000351	0.000218	0.0935	0.00000807	0.00053	0.000625	0.00268
2061 Sep	93.1	0.166	0.21	0.00407	20.2	0.0598	15.2	0.00000765	0.0192	0.00851	0.00744	0.0213	0.00448	14.7	0.00000662	0.000159	0.000263	0.000868	0.0469	0.00000802	2.82	0.00418	3.1	0.0744	0.000942	1.72	0.00499	0.00496	0.0000885	0.000347	0.000216	0.0929	0.00000799	0.000524	0.000618	0.00266
2061 Oct	92.5	0.166	0.209	0.00404	20.1	0.0593	15.2	0.0000076	0.0189	0.00847	0.0074	0.0211	0.00448	14.6	0.00000658	0.000157	0.000262	0.00086	0.0467	0.00000792	2.8	0.00416	3.08	0.0742	0.000933	1.71	0.00498	0.00493	0.0000882	0.000342	0.000214	0.0924	0.00000791	0.000516	0.000612	0.00263
2061 Nov	92	0.167	0.206	0.00401	20	0.059	15.1	0.00000758	0.0188	0.0085	0.00739	0.021	0.0045	14.6	0.00000658	0.000156	0.000262	0.000856	0.0467	0.00000788	2.78	0.00415	3.07	0.0743	0.000928	1.7	0.00498	0.00492	0.0000884	0.000339	0.000214	0.092	0.00000788	0.000514	0.000609	0.00262
2061 Dec	91.6	0.167	0.205	0.00399	19.9	0.0588	15.1	0.00000758	0.0188	0.00854	0.00739	0.0209	0.00453	14.6	0.00000658	0.000156	0.000263	0.000855	0.0467	0.00000787	2.76	0.00416	3.06	0.0745	0.000925	1.7	0.005	0.00492	0.0000886	0.000338	0.000214	0.0918	0.00000787	0.000513	0.000609	0.00261
2062 Jan	91.4	0.168	0.203	0.00397	19.9	0.0587	15.1	0.00000758	0.0187	0.00856	0.00739	0.0208	0.00455	14.5	0.00000659	0.000156	0.000263	0.000854	0.0467	0.00000786	2.76	0.00416	3.05	0.0746	0.000923	1.69	0.00501	0.00492	0.0000888	0.000337	0.000214	0.0916	0.00000786	0.000512	0.000608	0.00261
2062 Feb	91.2	0.168	0.202	0.00396	19.8	0.0587	15.1	0.00000758	0.0187	0.00858	0.00739	0.0208	0.00456	14.5	0.00000659	0.000155	0.000264	0.000853	0.0467	0.00000786	2.75	0.00416	3.05	0.0747	0.000922	1.69	0.00502	0.00492	0.0000889	0.000336	0.000214	0.0915	0.00000785	0.000511	0.000608	0.00261
2062 Mar	91	0.169	0.202	0.00395	19.8	0.0586	15.1	0.00000758	0.0187	0.0086	0.00739	0.0207	0.00457	14.5	0.00000659	0.000155	0.000264	0.000853	0.0467	0.00000786	2.74	0.00416	3.05	0.0748	0.000921	1.69	0.00503	0.00492	0.000089	0.000336	0.000214	0.0914	0.00000785	0.000511	0.000608	0.00261
2062 Apr	91.1	0.169	0.202	0.00396	19.8	0.0587	15.1	0.00000759	0.0187	0.00861	0.0074	0.0208	0.00458	14.5	0.0000066	0.000155	0.000264	0.000853	0.0468	0.00000786	2.75	0.00417	3.05	0.0749	0.000921	1.69	0.00504	0.00492	0.0000892	0.000335	0.000214	0.0915	0.00000785	0.000511	0.000608	0.00261
2062 May	91.8	0.17	0.203	0.00399	20	0.059	15.2	0.00000763	0.0187	0.00865	0.00744	0.0209	0.00461	14.6	0.00000663	0.000156	0.000266	0.000858	0.0471	0.00000789	2.76	0.00419	3.07	0.0753	0.000926	1.7	0.00506	0.00495	0.0000896	0.000337	0.000215	0.0921	0.00000789	0.000513	0.000611	0.00262
2062 Jun	92	0.163	0.207	0.00399	20	0.059	15	0.00000755	0.019	0.00816	0.00734	0.021	0.00436	14.5	0.00000654	0.000157	0.000259	0.000856	0.0463	0.00000792	2.79	0.0041	3.05	0.0734	0.000922	1.7	0.00488	0.00489	0.0000875	0.000341	0.000213	0.0917	0.00000789	0.000517	0.000609	0.00262
2062 Jul	92	0.165	0.203	0.00394	20	0.0613	15.2	0.00000784	0.021	0.0082	0.00757	0.0213	0.00441	14.6	0.00000682	0.000168	0.000263	0.000901	0.0469	0.00000865	2.89	0.00417	3.06	0.0741	0.000952	1.7	0.00495	0.00495	0.0000902	0.000372	0.000221	0.0919	0.00000836	0.000566	0.000653	0.00279
2062 Aug	93.1	0.165	0.207	0.004	20.3	0.0618	15.3	0.00000788	0.0211	0.00819	0.00761	0.0216	0.00441	14.8	0.00000684	0.000169	0.000264	0.000906	0.0472	0.00000867	2.92	0.00419	3.09	0.0745	0.000959	1.72	0.00496	0.00498	0.0000905	0.000374	0.000222	0.0929	0.0000084	0.000568	0.000656	0.0028
2062 Sep	92.6	0.164	0.206	0.00397	20.2	0.0613	15.2	0.00000782	0.0209	0.00808	0.00755	0.0214	0.00437	14.7	0.00000679	0.000167	0.000262	0.000899	0.0469	0.00000859	2.9	0.00416	3.07	0.0739	0.000951	1.71	0.00491	0.00495	0.0000897	0.00037	0.000221	0.0923	0.00000833	0.000562	0.000649	0.00278
2062 Oct	92	0.164	0.204	0.00394	20	0.0609	15.1	0.00000778	0.0207	0.00804	0.00752	0.0213	0.00436	14.6	0.00000676	0.000166	0.000262	0.000893	0.0467	0.00000853	2.88	0.00414	3.06	0.0738	0.000943	1.7	0.0049	0.00493	0.0000895	0.000367	0.000219	0.0918	0.00000828	0.000558	0.000645	0.00276
2062 Nov	91.5	0.165	0.202	0.00391	19.9	0.0606	15.1	0.00000776	0.0206	0.00807	0.00751	0.0211	0.00438	14.5	0.00000675	0.000165	0.000262	0.000889	0.0466	0.00000849	2.85	0.00414	3.04	0.0739	0.000938	1.69	0.00491	0.00492	0.0000896	0.000364	0.000219	0.0914	0.00000824	0.000555	0.000642	0.00275
2062 Dec	91.1	0.165	0.2	0.00389	19.8	0.0604	15.1	0.00000775	0.0205	0.00811	0.00751	0.021	0.00441	14.5	0.00000675	0.000165	0.000263	0.000887	0.0466	0.00000846	2.84	0.00414	3.03	0.0741	0.000934	1.69	0.00492	0.00491	0.0000898	0.000362	0.000219	0.0911	0.00000822	0.000553	0.000641	0.00274
2063 Jan	90.8	0.166	0.199	0.00388	19.8	0.0603	15.1	0.00000775	0.0204	0.00813	0.0075	0.021	0.00443	14.5	0.00000675	0.000164	0.000263	0.000885	0.0466	0.00000844	2.83	0.00415	3.03	0.0742	0.000932	1.68	0.00493	0.00491	0.00009	0.000361	0.000219	0.0909	0.00000821	0.000552	0.00064	0.00273
2063 Feb	90.6	0.166	0.198	0.00387	19.8	0.0602	15.1	0.00000775	0.0204	0.00815	0.0075	0.0209	0.00444	14.5	0.00000675	0.000164	0.000263	0.000884	0.0467	0.00000843	2.82	0.00415	3.02	0.0743	0.00093	1.68	0.00494	0.00491	0.0000901	0.00036	0.000219	0.0908	0.0000082	0.000551	0.000639	0.00273
2063 Mar	90.5	0.166	0.198	0.00386	19.7	0.0601	15.1	0.00000774	0.0203	0.00817	0.0075	0.0209	0.00445	14.4	0.00000675	0.000164	0.000264	0.000883	0.0467	0.00000842	2.82	0.00415	3.02	0.0743	0.000929	1.68	0.00495	0.00491	0.0000902	0.000359	0.000218	0.0907	0.00000819	0.00055	0.000639	0.00273
2063 Apr	90.6	0.167	0.198	0.00386	19.7	0.0602	15.1	0.00000775	0.0203	0.00818	0.00751	0.0209	0.00446	14.5	0.00000676	0.000164	0.000264	0.000883	0.0467	0.00000842	2.82	0.00415	3.02	0.0745	0.000929	1.68	0.00496	0.00492	0.0000903	0.000359	0.000219	0.0908	0.00000819	0.00055	0.000639	0.00273
2063 May	91.2	0.167	0.199	0.00389	19.9	0.0609	15.2	0.00000783	0.0208	0.0082	0.00758	0.0211	0.00448	14.6	0.00000683	0.000166	0.000266	0.000895	0.047	0.00000858	2.85	0.00418	3.04	0.0748	0.00094	1.69	0.00498	0.00495	0.000091	0.000366	0.000221	0.0914	0.00000831	0.000561	0.000649	0.00277
2063 Jun	91.5	0.162	0.203	0.00391	19.9	0.0603	14.9	0.00000769	0.0204	0.00776	0.00743	0.0211	0.00425	14.5	0.00000667	0.000164	0.000259	0.000881	0.0462	0.0000084	2.85	0.00409	3.03	0.073	0.000929	1.69	0.00481	0.00488	0.0000884	0.000361	0.000217	0.0912	0.00000817	0.000549	0.000635	0.00272
2063 Jul	91.8	0.165	0.202	0.00391	20	0.0604	15.1	0.00000774	0.0203	0.00787	0.0075	0.0212	0.00434	14.6	0.00000673	0.000163	0.000263	0.000882	0.0467	0.00000838	2.84	0.00413	3.05	0.0742	0.000928	1.7	0.00488	0.00493	0.0000897	0.000358	0.000218	0.0917	0.00000818	0.000547	0.000635	0.00272
2063 Aug	93	0.165	0.206	0.00396	20.2	0.0609	15.2	0.00000779	0.0204	0.00787	0.00754	0.0214	0.00434	14.7	0.00000676	0.000164	0.000264	0.000888	0.047	0.00000842	2.88	0.00416	3.08	0.0746	0.000936	1.72	0.00489	0.00497	0.00009	0.000361	0.00022	0.0927	0.00000824	0.00055	0.000638	0.00274
2063 Sep	92.4	0.164	0.205	0.00394	20.1	0.0602	15.1	0.00000769	0.02	0.00776	0.00746	0.0212	0.0043	14.6	0.00000667	0.000161	0.000262	0.000875	0.0466	0.00000825	2.84	0.00412	3.06	0.074	0.000924	1.71	0.00484	0.00493	0.000089	0.000353	0.000217	0.0921	0.00000811	0.000539	0.000627	0.00269
2063 Oct	91.8	0.164	0.203	0.00391	20	0.0596	15	0.00000764	0.0196	0.00773	0.00741	0.0211	0.0043	14.5	0.00000662	0.000159	0.000261	0.000866	0.0464	0.00000813	2.81	0.0041	3.04	0.0739	0.000914	1.7	0.00483	0.0049	0.0000887	0.000347	0.000215	0.0916	0.00000802	0.00053	0.000619	0.00266
2063 Nov	91.3	0.165	0.201	0.00388	19.8	0.0593	14.9	0.00000762	0.0195	0.00776	0.0074	0.0209	0.00432	14.5	0.00000661	0.000158	0.000261	0.000861	0.0464	0.00000808	2.79	0.0041	3.03	0.074	0.000908	1.69	0.00484	0.00489	0.0000888	0.000344	0.000215	0.0912	0.00000797	0.000526	0.000615	0.00265
2063 Dec	90.9	0.165	0.2	0.00386	19.8	0.0591	14.9	0.00000761	0.0194	0.00779	0.0074	0.0208	0.00434	14.4	0.00000662	0.000158	0.000262	0.000859	0.0464	0.00000806	2.78	0.0041	3.02	0.0742	0.000905	1.68	0.00485	0.00489	0.0000891	0.000342	0.000215	0.0909	0.00000796	0.000525	0.000614	0.00264
2064 Jan	90.6	0.166	0.198	0.00385	19.7	0.059	14.9	0.00000761	0.0193	0.00782	0.0074	0.0208	0.00436	14.4	0.00000662	0.000157	0.000262	0.000858	0.0464	0.00000805	2.77	0.0041	3.01	0.0743	0.000902	1.68	0.00486	0.00489	0.0000892	0.000341	0.000214	0.0907	0.00000795	0.000524	0.000614	0.00264
2064 Feb	90.5	0.166	0.197	0.00384	19.7	0.0589	14.9	0.00000761	0.0193	0.00784	0.0074	0.0207	0.00438	14.4	0.00000662	0.000157	0.000263	0.000858	0.0464	0.00000805	2.76	0.0041	3.01	0.0744	0.000901	1.67	0.00487	0.00489	0.0000894	0.00034	0.000214	0.0906	0.00000794	0.000523	0.000614	0.00263
2064 Mar	90.3	0.166	0.197	0.00383	19.7	0.0589	14.9	0.00000761	0.0193	0.00785	0.0074	0.0207	0.00439	14.4	0.00000663	0.000157	0.000263	0.000857	0.0464	0.00000805	2.76	0.00411	3	0.0744	0.0009	1.67	0.00488	0.00489	0.0000895	0.00034	0.000215	0.0905	0.00000794	0.000524	0.000614	0.00263
2064 Apr	90.4	0.167	0.197	0.00383	19.7	0.0589	15	0.00000762	0.0193	0.00786	0.00741	0.0207	0.00439	14.4	0.00000664	0.000157	0.000263	0.000858	0.0465	0.00000805	2.76	0.00411	3.01	0.0746	0.000901	1.67	0.00488	0.00489	0.0000896	0.00034	0.000215	0.0906	0.00000795	0.000524	0.000614	0.00264
2064 May	91	0.167	0.198	0.00385	19.8	0.0596	15.1	0.0000077	0.0198	0.00788	0.00748	0.0209	0.00441	14.5	0.00000671	0.00016	0.000265	0.00087	0.0468	0.00000821	2.79	0.00414	3.03	0.0749	0.000911	1.68	0.00491	0.00492	0.0000903	0.000347	0.000217	0.0912	0.00000806	0.000534	0.000624	0.00268
2064 Jun	91.2	0.161	0.201	0.00385	19.8	0.0602	14.8	0.00000768	0.0205	0.00742	0.00742	0.0211	0.00416	14.4	0.00000666	0.000163	0.000258	0.000879	0.046	0.00000842	2.85	0.00406	3.01	0.0729	0.000916	1.68	0.00473	0.00486	0.0000885	0.00036	0.000217	0.0908	0.00000817	0.000551	0.000633	0.00272
2064 Jul	91.5	0.164	0.2	0.00385	19.9	0.0604	15	0.00000774	0.0205	0.00753	0.00749	0.0211	0.00425	14.5	0.00000673	0.000163	0.000262	0.000882	0.0465	0.00000843	2.84	0.00411	3.03	0.0741	0.000916	1.69	0.00481	0.00491	0.0000898	0.000358	0.000218	0.0913	0.0000082	0.00055	0.000635	0.00272
2064 Aug	92.6	0.164	0.204	0.0039	20.1	0.0608	15.1	0.00000778	0.0206	0.00752	0.00753	0.0214	0.00425	14.6	0.00000675	0.000164	0.000263	0.000886	0.0468	0.00000844	2.87	0.00413	3.06	0.0744	0.000923	1.71	0.00482	0.00495	0.00009	0.00036	0.000219	0.0922	0.00000824	0.000551	0.000637	0.00273
2064 Sep	91.9	0.163	0.203	0.00388	20	0.06	14.9	0.00000768	0.0201	0.0074	0.00744	0.0212	0.0042	14.5	0.00000666	0.000161	0.00026	0.000873	0.0464	0.00000828	2.84	0.00408	3.03	0.0738	0.00091	1.7	0.00476	0.0049	0.0000889	0.000352	0.000216	0.0915	0.00000811	0.00054	0.000625	0.00269
2064 Oct	91	0.162	0.2	0.00383	19.8	0.0593	14.8	0.0000076	0.0197	0.00736	0.00737	0.0209	0.00419	14.4	0.0000066	0.000159	0.000259	0.000861	0.0461	0.00000813	2.79	0.00406	3.01	0.0735	0.000897	1.68	0.00474	0.00487	0.0000884	0.000345	0.000214	0.0907	0.00000799	0.00053	0.000615	0.00265
2064 Nov	90.5	0.163	0.198	0.0038	19.7	0.0589	14.8	0.00000758	0.0195	0.00738	0.00736	0.0208	0.00421	14.3	0.00000658	0.000157	0.00026	0.000855	0.046	0.00000806	2.77	0.00405	2.99	0.0736	0.00089	1.67	0.00475	0.00486	0.0000886	0.000341	0.000213	0.0903	0.00000794	0.000525	0.000611	0.00263
2064 Dec	90.1	0.164	0.196	0.00378	19.6	0.0588	14.8	0.00000758	0.0195	0.00742	0.00736	0.0207	0.00424	14.3	0.00000659	0.000157	0.00026	0.000854	0.0461	0.00000806	2.76	0.00405	2.98	0.0738	0.000888	1.66	0.00476	0.00485	0.0000889	0.00034	0.000213	0.0901	0.00000793	0.000524	0.000611	0.00263
2065 Jan	89.8	0.164	0.194	0.00376	19.5	0.0587	14.8	0.00000758	0.0194	0.00744	0.00736	0.0206	0.00426	14.3	0.0000066	0.000157	0.000261	0.000853	0.0461	0.00000806	2.75	0.00406	2.98	0.0739	0.000886	1.66	0.00477	0.00485	0.0000891	0.000339	0.000213	0.0899	0.00000793	0.000524	0.000611	0.00263
2065 Feb	89.6	0.164	0.194	0.00375	19.5	0.0587	14.8	0.00000758	0.0195	0.00746	0.00737	0.0206	0.00427	14.2	0.0000066	0.000157	0.000261	0.000854	0.0461	0.00000807	2.75	0.00406	2.97	0.074	0.000885	1.66	0.00478	0.00485	0.0000892	0.000339	0.000213	0.0897	0.00000793	0.000524	0.000612	0.00263
2065 Mar	89.5	0.165	0.193	0.00374	19.5	0.0587	14.8	0.00000759	0.0195	0.00747	0.00737	0.0206	0.00428	14.2	0.00000661	0.000157	0.000261	0.000854	0.0461	0.00000808	2.74	0.00406	2.97	0.074	0.000885	1.65	0.00479	0.00485	0.0000894	0.000339	0.000214	0.0896	0.00000794	0.000525	0.000613	0.00263
2065 Apr	89.6	0.165	0.193	0.00374	19.5	0.0588	14.8	0.0000076	0.0195	0.00748	0.00738	0.0206	0.00428	14.3	0.00000662	0.000157	0.000262	0.000856	0.0462	0.0000081	2.75	0.00406	2.97	0.0742	0.000886	1.66	0.00479	0.00486	0.0000896	0.00034	0.000214	0.0897	0.00000795	0.000527	0.000614	0.00264
2065 May	90.2	0.165	0.194	0.00376	19.6	0.0596	14.9	0.0000077	0.0201	0.0075	0.00746	0.0208	0.00429	14.3	0.00000671	0.000161	0.000263	0.00087	0.0465	0.00000829	2.79	0.00409	2.99	0.0745	0.000898	1.67	0.00482	0.00489	0.0000903	0.000349	0.000217	0.0903	0.00000809	0.00054	0.000626	0.00269
2065 Jun	90.7	0.16	0.2	0.00381	19.7	0.0586	14.7	0.00000751	0.0193	0.00711	0.00729	0.0208	0.00409	14.3	0.0000065	0.000156	0.000256	0.000847	0.0457	0.00000796	2.77	0.004	2.99	0.0728	0.000882	1.67	0.00465	0.00483	0.0000875	0.000337	0.000211	0.0902	0.00000787	0.000518	0.000603	0.0026
2065 Jul	91	0.163	0.198	0.00381	19.8	0.059	14.8	0.00000759	0.0194	0.00722	0.00737	0.0208	0.00419	14.4	0.00000658	0.000156	0.000261	0.000853	0.0462	0.00000801	2.77	0.00405	3	0.074	0.000885	1.68	0.00473	0.00488	0.0000889	0.000338	0.000213	0.0908	0.00000792	0.000521	0.000608	0.00262
2065 Aug	92.2	0.164	0.202	0.00387	20	0.0595	14.9	0.00000764	0.0195	0.00722	0.00742	0.0211	0.00419	14.5	0.00000662	0.000157	0.000262	0.000859	0.0466	0.00000804	2.8	0.00408	3.04	0.0744	0.000892	1.7	0.00474	0.00492	0.0000893	0.00034	0.000215	0.0918	0.00000797	0.000523	0.00061	0.00264
2065 Sep	91.8	0.163	0.202	0.00385	19.9	0.059	14.8	0.00000757	0.0192	0.00712	0.00736	0.021	0.00414	14.4	0.00000655	0.000156	0.00026	0.000851	0.0462	0.00000795	2.78	0.00405	3.02	0.0739	0.000885	1.69	0.0047	0.00489	0.0000884	0.000336	0.000213	0.0914	0.0000079	0.000517	0.000604	0.00261
2065 Oct	91.1	0.162	0.199	0.00381	19.8	0.0588	14.7	0.00000755	0.0192	0.00708	0.00734	0.0208	0.00413	14.3	0.00000654	0.000155	0.000259	0.000848	0.046	0.00000795	2.77	0.00403	3	0.0736	0.000879	1.68	0.00468	0.00486	0.0000883	0.000335	0.000212	0.0907	0.00000788	0.000516	0.000603	0.00261
2065 Nov	90.5	0.163	0.197	0.00378	19.7	0.0586	14.7	0.00000754	0.0192	0.00709	0.00733	0.0207	0.00415	14.3	0.00000654	0.000155	0.000259	0.000847	0.046	0.00000794	2.75	0.00403	2.98	0.0737	0.000875	1.67	0.00469	0.00485	0.0000886	0.000334	0.000212	0.0903	0.00000787	0.000516	0.000602	0.0026
2065 Dec	90.1	0.163	0.195	0.00375	19.6	0.0586	14.7	0.00000756	0.0193	0.00712	0.00735	0.0207	0.00417	14.3	0.00000657	0.000156	0.00026	0.000849	0.046	0.00000799	2.75	0.00403	2.98	0.0738	0.000875	1.66	0.0047	0.00485	0.0000889	0.000335	0.000212	0.09	0.00000789	0.000519	0.000605	0.00261
2066 Jan	89.8	0.164	0.194	0.00373	19.5	0.0586	14.7	0.00000757	0.0194	0.00714	0.00736	0.0206	0.00419	14.2	0.00000658	0.000156	0.00026	0.00085	0.046	0.00000803	2.75	0.00404	2.97	0.0739	0.000874	1.66	0.00471	0.00485	0.0000892	0.000336	0.000213	0.0898	0.00000791	0.000521	0.000607	0.00262
2066 Feb	89.6	0.164	0.193	0.00372	19.5	0.0587	14.7	0.00000758	0.0195	0.00715	0.00736	0.0206	0.0042	14.2	0.0000066	0.000156	0.000261	0.000852	0.046	0.00000805	2.75	0.00404	2.96	0.074	0.000874	1.66	0.00472	0.00485	0.0000894	0.000337	0.000213	0.0897	0.00000792	0.000523	0.000609	0.00262

Appendix C10: Kangislulik Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	89.5	0.164	0.192	0.00371	19.5	0.0587	14.7	0.00000759	0.0196	0.00716	0.00737	0.0206	0.00421	14.2	0.00000661	0.000157	0.000261	0.000853	0.046	0.00000809	2.75	0.00404	2.96	0.074	0.000875	1.65	0.00472	0.00485	0.0000896	0.000338	0.000213	0.0896	0.00000794	0.000525	0.000611	0.00263
2066 Apr	89.6	0.164	0.192	0.00371	19.5	0.0588	14.7	0.00000761	0.0196	0.00717	0.00739	0.0206	0.00421	14.2	0.00000663	0.000157	0.000261	0.000855	0.0461	0.00000811	2.75	0.00405	2.96	0.0741	0.000876	1.66	0.00473	0.00486	0.0000898	0.000339	0.000214	0.0897	0.00000796	0.000527	0.000613	0.00264
2066 May	90.2	0.165	0.193	0.00374	19.6	0.0594	14.8	0.00000767	0.0199	0.00719	0.00744	0.0208	0.00423	14.3	0.00000668	0.000159	0.000263	0.000864	0.0464	0.00000821	2.78	0.00407	2.98	0.0745	0.000884	1.67	0.00476	0.00489	0.0000903	0.000344	0.000216	0.0903	0.00000804	0.000534	0.000619	0.00267
2066 Jun	90.6	0.159	0.198	0.00377	19.7	0.0588	14.6	0.00000753	0.0195	0.00681	0.0073	0.0208	0.00401	14.2	0.00000652	0.000156	0.000256	0.00085	0.0456	0.00000803	2.78	0.00398	2.98	0.0727	0.000875	1.67	0.00459	0.00482	0.0000877	0.000339	0.000212	0.0901	0.00000791	0.000522	0.000605	0.00262
2066 Jul	90.8	0.163	0.197	0.00376	19.7	0.059	14.7	0.00000759	0.0195	0.00691	0.00737	0.0208	0.0041	14.3	0.00000659	0.000157	0.00026	0.000853	0.0461	0.00000805	2.78	0.00403	2.99	0.0738	0.000875	1.68	0.00466	0.00487	0.000089	0.000338	0.000213	0.0905	0.00000794	0.000523	0.000608	0.00263
2066 Aug	92	0.163	0.201	0.00382	20	0.0596	14.8	0.00000764	0.0196	0.0069	0.00742	0.0211	0.0041	14.5	0.00000662	0.000158	0.000261	0.000859	0.0464	0.00000809	2.81	0.00405	3.02	0.0742	0.000883	1.7	0.00468	0.00491	0.0000894	0.00034	0.000215	0.0915	0.00000799	0.000526	0.000611	0.00264
2066 Sep	91.4	0.161	0.199	0.00379	19.8	0.0592	14.7	0.00000758	0.0196	0.00679	0.00736	0.021	0.00404	14.4	0.00000657	0.000157	0.000259	0.000854	0.046	0.00000804	2.79	0.00402	3	0.0736	0.000876	1.68	0.00462	0.00487	0.0000885	0.000338	0.000213	0.0909	0.00000794	0.000523	0.000607	0.00263
2066 Oct	90.5	0.161	0.197	0.00374	19.7	0.0587	14.6	0.00000753	0.0194	0.00675	0.00731	0.0208	0.00403	14.2	0.00000652	0.000155	0.000258	0.000846	0.0457	0.00000797	2.76	0.00399	2.97	0.0732	0.000867	1.67	0.0046	0.00484	0.0000882	0.000335	0.000211	0.0901	0.00000788	0.000518	0.000602	0.00261
2066 Nov	89.9	0.161	0.194	0.00371	19.5	0.0584	14.6	0.00000752	0.0193	0.00677	0.00731	0.0206	0.00405	14.2	0.00000652	0.000155	0.000258	0.000844	0.0457	0.00000795	2.74	0.00399	2.96	0.0734	0.000862	1.66	0.00461	0.00483	0.0000884	0.000332	0.000211	0.0896	0.00000785	0.000516	0.0006	0.0026
2066 Dec	89.5	0.162	0.192	0.00369	19.5	0.0583	14.6	0.00000753	0.0193	0.00679	0.00731	0.0205	0.00407	14.2	0.00000653	0.000155	0.000259	0.000843	0.0457	0.00000796	2.73	0.00399	2.95	0.0735	0.00086	1.65	0.00462	0.00482	0.0000887	0.000332	0.000211	0.0894	0.00000785	0.000516	0.000601	0.0026
2067 Jan	89.2	0.162	0.191	0.00367	19.4	0.0583	14.6	0.00000753	0.0193	0.00681	0.00732	0.0205	0.00409	14.1	0.00000655	0.000155	0.000259	0.000844	0.0457	0.00000798	2.73	0.00399	2.94	0.0736	0.000859	1.65	0.00463	0.00482	0.000089	0.000332	0.000211	0.0892	0.00000786	0.000517	0.000602	0.0026
2067 Feb	89.1	0.163	0.19	0.00365	19.4	0.0583	14.6	0.00000754	0.0194	0.00683	0.00733	0.0205	0.0041	14.1	0.00000656	0.000155	0.00026	0.000845	0.0457	0.00000801	2.73	0.00399	2.94	0.0737	0.000859	1.65	0.00464	0.00482	0.0000892	0.000333	0.000212	0.089	0.00000788	0.000519	0.000604	0.00261
2067 Mar	88.9	0.163	0.189	0.00364	19.3	0.0584	14.6	0.00000756	0.0195	0.00684	0.00734	0.0204	0.00411	14.1	0.00000657	0.000156	0.00026	0.000847	0.0458	0.00000804	2.73	0.004	2.93	0.0737	0.000859	1.64	0.00465	0.00482	0.0000893	0.000334	0.000212	0.0889	0.00000789	0.000521	0.000606	0.00261
2067 Apr	89	0.163	0.189	0.00364	19.4	0.0585	14.6	0.00000757	0.0196	0.00684	0.00735	0.0205	0.00411	14.1	0.00000659	0.000156	0.00026	0.000849	0.0458	0.00000807	2.73	0.004	2.94	0.0738	0.000861	1.64	0.00465	0.00483	0.0000896	0.000336	0.000213	0.089	0.00000792	0.000524	0.000608	0.00262
2067 May	89.6	0.163	0.19	0.00366	19.5	0.0595	14.7	0.00000769	0.0203	0.00685	0.00744	0.0207	0.00412	14.2	0.00000669	0.00016	0.000262	0.000867	0.0461	0.00000833	2.78	0.00403	2.96	0.0741	0.000875	1.66	0.00468	0.00486	0.0000905	0.000347	0.000216	0.0895	0.0000081	0.000541	0.000624	0.00269
2067 Jun	90.1	0.159	0.196	0.00371	19.6	0.0583	14.5	0.00000747	0.0193	0.00651	0.00725	0.0207	0.00392	14.1	0.00000647	0.000154	0.000255	0.00084	0.0453	0.00000792	2.75	0.00394	2.95	0.0725	0.000858	1.66	0.00452	0.0048	0.0000874	0.000332	0.00021	0.0896	0.00000783	0.000514	0.000597	0.00259
2067 Jul	90.4	0.162	0.195	0.00371	19.6	0.0585	14.6	0.00000754	0.0193	0.00661	0.00732	0.0207	0.00401	14.2	0.00000653	0.000154	0.000259	0.000843	0.0459	0.00000793	2.75	0.00399	2.97	0.0737	0.000858	1.67	0.00459	0.00485	0.0000888	0.000331	0.000211	0.09	0.00000786	0.000514	0.000598	0.0026
2067 Aug	91.5	0.162	0.198	0.00375	19.9	0.0594	14.7	0.00000762	0.0197	0.00659	0.0074	0.021	0.004	14.4	0.0000066	0.000157	0.00026	0.000856	0.0462	0.00000809	2.8	0.00402	3	0.074	0.000871	1.69	0.0046	0.00489	0.0000893	0.000339	0.000214	0.091	0.00000798	0.000525	0.000609	0.00264
2067 Sep	90.9	0.16	0.197	0.00373	19.7	0.0589	14.6	0.00000756	0.0195	0.00649	0.00733	0.0209	0.00395	14.3	0.00000654	0.000156	0.000258	0.000849	0.0458	0.00000801	2.78	0.00398	2.98	0.0733	0.000863	1.67	0.00455	0.00485	0.0000884	0.000335	0.000212	0.0904	0.00000791	0.00052	0.000603	0.00261
2067 Oct	90.1	0.16	0.194	0.00369	19.6	0.0583	14.5	0.0000075	0.0192	0.00645	0.00728	0.0207	0.00394	14.2	0.00000649	0.000154	0.000257	0.000839	0.0455	0.00000791	2.74	0.00395	2.95	0.0731	0.000852	1.66	0.00453	0.00482	0.000088	0.00033	0.00021	0.0896	0.00000783	0.000513	0.000596	0.00258
2067 Nov	89.5	0.161	0.192	0.00365	19.4	0.0582	14.5	0.00000749	0.0192	0.00647	0.00728	0.0205	0.00396	14.1	0.00000649	0.000154	0.000257	0.000838	0.0455	0.0000079	2.73	0.00395	2.94	0.0732	0.000848	1.65	0.00454	0.00481	0.0000883	0.000329	0.00021	0.0892	0.00000782	0.000512	0.000595	0.00258
2067 Dec	89.1	0.161	0.19	0.00363	19.4	0.0581	14.5	0.0000075	0.0193	0.0065	0.00729	0.0205	0.00398	14.1	0.00000651	0.000154	0.000258	0.000838	0.0455	0.00000793	2.72	0.00395	2.93	0.0733	0.000846	1.64	0.00455	0.00481	0.0000886	0.000329	0.00021	0.0889	0.00000782	0.000513	0.000597	0.00259
2068 Jan	88.8	0.162	0.189	0.00361	19.3	0.0581	14.5	0.00000751	0.0193	0.00652	0.00729	0.0204	0.004	14	0.00000652	0.000154	0.000258	0.000839	0.0456	0.00000795	2.72	0.00396	2.92	0.0734	0.000845	1.64	0.00456	0.0048	0.0000889	0.000329	0.00021	0.0887	0.00000783	0.000515	0.000598	0.00259
2068 Feb	88.6	0.162	0.188	0.0036	19.3	0.0581	14.5	0.00000752	0.0194	0.00653	0.0073	0.0204	0.00401	14	0.00000653	0.000154	0.000259	0.00084	0.0456	0.00000797	2.71	0.00396	2.92	0.0735	0.000845	1.64	0.00457	0.0048	0.0000891	0.00033	0.000211	0.0886	0.00000784	0.000516	0.000599	0.00259
2068 Mar	88.5	0.162	0.187	0.00359	19.3	0.0581	14.5	0.00000753	0.0194	0.00654	0.00731	0.0204	0.00402	14	0.00000654	0.000155	0.000259	0.000841	0.0456	0.00000799	2.71	0.00396	2.91	0.0735	0.000845	1.63	0.00458	0.0048	0.0000892	0.00033	0.000211	0.0885	0.00000786	0.000518	0.000601	0.0026
2068 Apr	88.6	0.162	0.187	0.00359	19.3	0.0582	14.5	0.00000754	0.0195	0.00655	0.00732	0.0204	0.00402	14	0.00000656	0.000155	0.000259	0.000843	0.0456	0.00000802	2.72	0.00397	2.92	0.0737	0.000847	1.64	0.00458	0.00481	0.0000894	0.000331	0.000211	0.0886	0.00000788	0.000519	0.000602	0.00261
2068 May	89.3	0.163	0.188	0.00361	19.4	0.0591	14.6	0.00000763	0.02	0.00656	0.0074	0.0206	0.00403	14.1	0.00000664	0.000158	0.000261	0.000857	0.0459	0.00000821	2.76	0.00399	2.94	0.074	0.000858	1.65	0.00461	0.00484	0.0000902	0.00034	0.000214	0.0892	0.00000801	0.000532	0.000614	0.00265
2068 Jun	89.7	0.158	0.194	0.00366	19.5	0.0581	14.3	0.00000745	0.0193	0.00622	0.00723	0.0206	0.00383	14.1	0.00000644	0.000153	0.000254	0.000836	0.0452	0.00000789	2.74	0.00391	2.93	0.0723	0.000845	1.65	0.00445	0.00478	0.0000873	0.00033	0.000209	0.0891	0.0000078	0.000512	0.000593	0.00258
2068 Jul	90	0.161	0.193	0.00365	19.5	0.0584	14.5	0.00000752	0.0193	0.00632	0.00731	0.0207	0.00392	14.2	0.00000652	0.000154	0.000258	0.000841	0.0457	0.00000794	2.74	0.00395	2.95	0.0735	0.000847	1.66	0.00452	0.00483	0.0000888	0.000329	0.000211	0.0896	0.00000785	0.000514	0.000597	0.00259
2068 Aug	91.2	0.161	0.196	0.00371	19.8	0.059	14.6	0.00000758	0.0194	0.00633	0.00736	0.0209	0.00393	14.3	0.00000656	0.000155	0.00026	0.000847	0.0461	0.00000798	2.77	0.00398	2.98	0.074	0.000855	1.68	0.00454	0.00487	0.0000892	0.000332	0.000212	0.0906	0.0000079	0.000517	0.0006	0.00261
2068 Sep	90.7	0.16	0.196	0.00369	19.7	0.0585	14.5	0.00000751	0.0192	0.00622	0.00729	0.0208	0.00387	14.2	0.00000649	0.000153	0.000257	0.000839	0.0457	0.00000788	2.76	0.00395	2.96	0.0733	0.000847	1.67	0.00449	0.00483	0.0000882	0.000328	0.00021	0.0901	0.00000783	0.000511	0.000593	0.00258
2068 Oct	89.8	0.159	0.193	0.00364	19.5	0.0579	14.4	0.00000745	0.019	0.00618	0.00724	0.0206	0.00386	14.1	0.00000644	0.000152	0.000256	0.00083	0.0454	0.00000779	2.72	0.00392	2.94	0.073	0.000837	1.65	0.00447	0.0048	0.0000878	0.000323	0.000208	0.0893	0.00000775	0.000504	0.000587	0.00255
2068 Nov	89.3	0.16	0.19	0.00361	19.4	0.0577	14.4	0.00000744	0.0189	0.0062	0.00723	0.0204	0.00388	14	0.00000644	0.000151	0.000256	0.000828	0.0454	0.00000777	2.71	0.00392	2.92	0.0731	0.000832	1.64	0.00448	0.00479	0.0000881	0.000321	0.000208	0.0889	0.00000773	0.000503	0.000586	0.00255
2068 Dec	88.9	0.16	0.189	0.00359	19.3	0.0576	14.4	0.00000745	0.0189	0.00623	0.00724	0.0204	0.0039	14	0.00000645	0.000151	0.000257	0.000828	0.0454	0.00000779	2.7	0.00392	2.91	0.0732	0.00083	1.64	0.00449	0.00479	0.0000884	0.000321	0.000208	0.0886	0.00000773	0.000503	0.000586	0.00255
2069 Jan	88.6	0.161	0.187	0.00357	19.2	0.0576	14.3	0.00000745	0.0189	0.00625	0.00725	0.0203	0.00392	14	0.00000646	0.000151	0.000258	0.000828	0.0454	0.0000078	2.69	0.00392	2.91	0.0734	0.000828	1.63	0.0045	0.00479	0.0000886	0.000321	0.000208	0.0884	0.00000773	0.000504	0.000587	0.00255
2069 Feb	88.4	0.161	0.186	0.00356	19.2	0.0576	14.4	0.00000746	0.019	0.00626	0.00725	0.0203	0.00393	14	0.00000647	0.000151	0.000258	0.000829	0.0454	0.00000782	2.69	0.00392	2.9	0.0734	0.000828	1.63	0.00451	0.00479	0.0000888	0.000321	0.000208	0.0883	0.00000774	0.000505	0.000588	0.00255
2069 Mar	88.3	0.161	0.185	0.00355	19.2	0.0576	14.4	0.00000747	0.019	0.00627	0.00726	0.0202	0.00393	14	0.00000648	0.000152	0.000258	0.00083	0.0454	0.00000784	2.69	0.00392	2.9	0.0735	0.000828	1.63	0.00451	0.00479	0.0000889	0.000322	0.000209	0.0882	0.00000775	0.000506	0.000589	0.00256
2069 Apr	88.4	0.162	0.186	0.00355	19.2	0.0577	14.4	0.00000748	0.019	0.00628	0.00727	0.0203	0.00394	14	0.00000649	0.000152	0.000259	0.000831	0.0455	0.00000785	2.69	0.00393	2.9	0.0736	0.000829	1.63	0.00452	0.0048	0.0000891	0.000322	0.000209	0.0883	0.00000776	0.000507	0.00059	0.00256
2069 May	89	0.162	0.187	0.00358	19.3	0.0581	14.5	0.00000753	0.0192	0.0063	0.00732	0.0204	0.00396	14.1	0.00000654	0.000153	0.00026	0.000837	0.0458	0.00000791	2.71	0.00395	2.92	0.074	0.000835	1.64	0.00454	0.00483	0.0000896	0.000325	0.00021	0.0889	0.00000782	0.000511	0.000595	0.00258
2069 Jun	89.5	0.157	0.193	0.00363	19.4	0.0572	14.2	0.00000734	0.0184	0.00598	0.00715	0.0204	0.00376	14	0.00000634	0.000148	0.000253	0.000816	0.045	0.00000759	2.69	0.00387	2.92	0.0723	0.000823	1.65	0.00439	0.00476	0.0000867	0.000314	0.000205	0.0889	0.0000076	0.00049	0.000573	0.0025
2069 Jul	89.8	0.16	0.192	0.00362	19.5	0.0575	14.4	0.00000742	0.0185	0.00608	0.00723	0.0205	0.00385	14.1	0.00000642	0.000149	0.000257	0.000822	0.0455	0.00000764	2.7	0.00391	2.94	0.0735	0.000824	1.65	0.00447	0.00481	0.0000882	0.000314	0.000207	0.0894	0.00000766	0.000493	0.000577	0.00252
2069 Aug	91	0.161	0.195	0.00367	19.7	0.0581	14.5	0.00000748	0.0187	0.00608	0.00729	0.0208	0.00385	14.3	0.00000646	0.000151	0.000259	0.000829	0.0459	0.00000771	2.73	0.00394	2.97	0.0739	0.000834	1.67	0.00448	0.00486	0.0000886	0.000318	0.000209	0.0904	0.00000773	0.000497	0.000582	0.00255
2069 Sep	90.6	0.159	0.195	0.00366	19.6	0.0579	14.4	0.00000744	0.0187	0.00599	0.00724	0.0207	0.0038	14.2	0.00000642	0.00015	0.000257	0.000826	0.0456	0.00000769	2.73	0.00391	2.95	0.0733	0.00083	1.67	0.00444	0.00482	0.000088	0.000318	0.000208	0.0899	0.00000771	0.000496	0.00058	0.00254
2069 Oct	89.9	0.159	0.192	0.00362	19.5	0.0576	14.3	0.00000741	0.0186	0.00596	0.00721	0.0205	0.00378	14.1	0.0000064	0.00015	0.000256	0.000823	0.0454	0.00000767	2.71	0.00389	2.93	0.0731	0.000824	1.65	0.00442	0.0048	0.0000878	0.000316	0.000207	0.0893	0.00000767	0.000495	0.000578	0.00253
2069 Nov	89.3	0.16	0.19	0.00358	19.4	0.0574	14.3	0.00000741	0.0186	0.00597	0.00721	0.0204	0.0038	14	0.0000064	0.000149	0.000256	0.000821	0.0453	0.00000766	2.69	0.00389	2.92	0.0732	0.00082	1.64	0.00443	0.00479	0.000088	0.000315	0.000207	0.0889	0.00000766	0.000494	0.000577	0.00252
2069 Dec	89	0.16	0.188	0.00356	19.3	0.0573	14.3	0.00000741	0.0186	0.006	0.00721	0.0203	0.00382	14	0.00000641	0.000149	0.000257	0.00082	0.0453	0.00000766	2.68	0.00389	2.91	0.0733	0.000817	1.64	0.00444	0.00479	0.0000883	0.000314	0.000207	0.0886	0.00000765	0.000494	0.000577	0.00252
2070 Jan	88.7	0.161	0.187	0.00354	19.2	0.0572	14.3	0.00000741	0.0186	0.00602	0.00722	0.0203	0.00384	14	0.00000642	0.000149	0.000257	0.000819	0.0453	0.00000766	2.67	0.00389	2.9	0.0734	0.000815	1.63	0.00445	0.00479	0.0000885	0.000313	0.000207	0.0884	0.00000765	0.000494	0.000577	0.00252
2070 Feb	88.5	0.161	0.186	0.00353	19.2	0.0572	14.3	0.00000741	0.0186	0.00603	0.00722	0.0202	0.00385	14	0.00000642	0.000149	0.000258	0.000819	0.0453	0.00000766	2.67	0.0039	2.9	0.0735	0.000814	1.63	0.00446	0.00479	0.0000886	0.000313	0.000207	0.0883	0.00000765	0.000494	0.000577	0.00252
2070 Mar	88.3	0.161	0.185	0.00352	19.2	0.0571	14.3	0.00000741	0.0186	0.00604	0.00722	0.0202	0.00386	13.9	0.00000643	0.000149	0.000258	0.000819	0.0453	0.00000766	2.66	0.0039	2.9	0.0736	0.000813	1.63	0.00447	0.00478	0.0000888	0.000313	0.000207	0.0882	0.00000765	0.000494	0.000577	0.00252
2070 Apr	88.4	0.161	0.185	0.00352	19.2	0.0572	14.3	0.00000743	0.0186	0.00605	0.00723	0.0202	0.00387	14	0.00000644	0.000149	0.000258	0.00082	0.0454	0.00000768	2.67	0.0039	2.9	0.0737	0.000814	1.63	0.00447	0.00479	0.0000889	0.000313	0.000207	0.0883	0.00000766	0.000495	0.000578	0.00252
2070 May	89.1	0.162	0.187	0.00355	19.3	0.0578	14.4	0.00000749	0.0189	0.00606	0.00729	0.0204	0.00388	14.1	0.0000065	0.000151	0.00026	0.000829	0.0457	0.00000779	2.7	0.00393	2.92	0.074	0.000822	1.64	0.00449	0.00482	0.0000895	0.000318	0.000209	0.0888	0.00000775	0.000502	0.000586	0.00255
2070 Jun	89.6	0.157	0.192	0.0036	19.4	0.0568	14.2	0.0000073	0.0181	0.00576	0.00711	0.0204	0.00368	14	0.00000629	0.000146	0.000253	0.000807	0.0449	0.00000745	2.68	0.00384	2.92	0.0724	0.000809	1.65	0.00435	0.00476	0.0000866	0.000307	0.000204	0.0888	0.00000752	0.00048	0.000563	0.00247
2070 Jul	89.8	0.16	0.191	0.00358	19.5	0.0571	14.3	0.00000738	0.0182	0.00585	0.0072	0.0204	0.00376	14.1	0.00000637	0.000147	0.000257	0.000813	0.0454	0.00000752	2.68	0.00388	2.93	0.0735	0.000811	1.65	0.00442	0.0048	0.0000881	0.000307	0.000206	0.0892	0.00000758	0.000484	0.000568	0.00249
2070 Aug	90.9	0.16	0.194	0.00364	19.7	0.0577	14.4	0.00000743	0.0183	0.00584	0.00724	0.0207	0.00375	14.2	0.00000641	0.000148	0.000258	0.00082	0.0457	0.00000756	2.71	0.00391	2.96	0.0739	0.000819	1.67	0.00443	0.00484	0.0000884	0.00031	0.000207	0.0902	0.00000764	0.000487	0.000571	0.00251
2070 Sep	90.3	0.159	0.193	0.00361	19.6	0.0573	14.3	0.00000738	0.0183	0.00575	0.00719	0.0206	0.0037	14.1	0.00000635	0.000147	0.000256	0.000814	0.0453	0.00000752	2.7	0.00387	2.94	0.0732	0.000813	1.66	0.00438	0.00481	0.0000876	0.000309	0.000206	0.0895	0.00000759	0.000484	0.000568	0.0025
2070 Oct	89.4	0.158	0.19	0.00356	19.4	0.057	14.2	0.00000734	0.0182	0.00571	0.00715	0.0204	0.00368	14	0.00000633	0.000147	0.000255	0.00081	0.0451	0.0000075	2.68	0.00385	2.91	0.0728	0.000807	1.64	0.00436	0.00477	0.0000874	0.000307	0.000205	0.0887	0.00000756	0.000483	0.000566	0.00249
2070 Nov	88.9	0.158	0.187	0.00352	19.3	0.0569	14.2	0.00000735	0.0183	0.00572	0.00716	0.0203	0.0037	13.9	0.00000634	0.000147	0.000255	0.000811	0.0451	0.00000753	2.67	0.00384	2.9	0.0729	0.000804	1.63	0.00437	0.00477	0.0000877	0.000307	0.000205	0.0883	0.00000757	0.000485	0.000567	0.00249
2070 Dec	88.5	0.159	0.186	0.0035	19.2	0.0568	14.2	0.00000735	0.0183	0.00574	0.00716	0.0202	0.00372	13.9	0.00000635	0.000147	0.000256	0.00081	0.0451	0.00000753	2.65	0.00385	2.89	0.0731	0.000801	1.63	0.00438	0.00476	0.000088	0.000307	0.000205	0.088	0.00000756	0.000484	0.000567	0.00249

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	39	0.12	0.299	0.0134	8.2	0.0289	9.57	0.00000388	0.00454	0.00152	0.0048	0.0112	0.0000227	7.61	0.00000271	0.00013	0.00014	0.000378	0.0266	0.00000232	1.26	0.00117	1.94	0.037	0.000727	1	0.00356	0.00254	0.0000652	0.000417	0.0000764	0.0443	0.00000456	0.000178	0.000622	0.00136
Operation (2023 to 2025): Average	73.1	0.216	0.558	0.0235	15.9	0.0552	17.2	0.0000073	0.0084	0.00509	0.00988	0.0212	0.0000439	14	0.00000495	0.000279	0.00029	0.000693	0.0535	0.00000443	2.49	0.0023	3.51	0.0694	0.00191	2.09	0.00766	0.00507	0.000093	0.000916	0.00014	0.0889	0.0000101	0.000325	0.00117	0.00246
Operation (2023 to 2025): Max	108	0.337	0.881	0.0363	24.3	0.0821	26.3	0.0000105	0.0137	0.0092	0.0161	0.0313	0.0000651	20.4	0.00000715	0.000472	0.000494	0.00104	0.089	0.0000069	3.94	0.00361	5.29	0.101	0.0032	3.54	0.0126	0.00833	0.000149	0.00171	0.000219	0.144	0.0000172	0.000486	0.00173	0.00357
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Active Closure (2026 to Sept. 2042): Min	47.8	0.0298	0.141	0.00297	10.1	0.0402	6.74	0.00000535	0.00419	0.000597	0.00541	0.0148	0.0000117	8.21	0.00000297	0.0000697	0.0000984	0.000377	0.0183	0.00000273	1.55	0.00124	2.17	0.0153	0.00034	1.31	0.00121	0.00257	0.0000392	0.000114	0.0000622	0.0481	0.00000537	0.0000696	0.000297	0.00164
Active Closure (2026 to Sept. 2042): Average	59.3	0.0644	0.2	0.00641	12.4	0.0443	8.56	0.00000584	0.00577	0.00142	0.00612	0.0157	0.0000175	9.01	0.00000375	0.0000965	0.000129	0.000451	0.0264	0.00000318	1.72	0.0014	2.4	0.0241	0.000662	1.38	0.0024	0.00311	0.000119	0.000195	0.0000762	0.0549	0.0000059	0.000115	0.00046	0.00192
Active Closure (2026 to Sept. 2042): Max	66.6	0.18	0.398	0.0181	13.8	0.0518	13.7	0.00000672	0.00744	0.00429	0.00738	0.0177	0.0000329	10.7	0.00000455	0.00017	0.000191	0.000558	0.0472	0.00000397	1.87	0.00164	2.82	0.0527	0.00173	1.54	0.00628	0.00434	0.000166	0.000456	0.000113	0.0616	0.00000686	0.00026	0.000917	0.00228
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Post Closure (Oct. 2042 to 2070): Min	63.5	0.0329	0.132	0.00262	13.1	0.0413	7.12	0.00000539	0.00535	0.000645	0.00544	0.0154	0.0000135	8.71	0.00000344	0.0000723	0.000104	0.00041	0.0213	0.00000274	1.75	0.0014	2.26	0.0181	0.000399	1.35	0.00127	0.00264	0.0000462	0.000128	0.0000699	0.0556	0.0000054	0.00008	0.0003	0.00175
Post Closure (Oct. 2042 to 2070): Average	79.8	0.128	0.178	0.00356	17.2	0.0537	12.9	0.00000704	0.0153	0.00816	0.0069	0.0186	0.00337	12.6	0.00000585	0.000135	0.000218	0.00074	0.0389	0.0000066	2.41	0.00333	2.8	0.0569	0.000805	1.54	0.00424	0.00426	0.000116	0.000289	0.000172	0.0781	0.00000731	0.000399	0.00054	0.00246
Post Closure (Oct. 2042 to 2070): Max	110	0.148	0.33	0.00622	23.1	0.0582	15.2	0.00000755	0.0182	0.014	0.00736	0.0243	0.00431	15.8	0.00000652	0.000157	0.000244	0.000848	0.0446	0.00000765	2.94	0.00384	3.64	0.065	0.0011	2.04	0.00567	0.00511	0.000169	0.000356	0.000197	0.102	0.00000799	0.000485	0.000628	0.00273
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	68.5	0.161	0.521	0.021	15.7	0.048	13.2	0.00000696	0.00604	0.00201	0.0114	0.0191	0.0000454	12.3	0.00000496	0.000378	0.000331	0.000568	0.0353	0.0000035	2.66	0.00232	2.85	0.0665	0.000948	2.42	0.00468	0.0036	0.000104	0.00124	0.000104	0.0938	0.0000147	0.00026	0.000991	0.00231
2023 Feb	64.2	0.151	0.488	0.0197	14.7	0.0449	12.4	0.00000652	0.00566	0.00188	0.0107	0.0179	0.0000425	11.5	0.00000465	0.000354	0.00031	0.000532	0.0331	0.00000328	2.49	0.00217	2.67	0.0623	0.000888	2.27	0.00438	0.00337	0.0000976	0.00116	0.0000972	0.0878	0.0000138	0.000244	0.000928	0.00217
2023 Mar	58.7	0.138	0.447	0.018	13.5	0.0412	11.3	0.00000597	0.00518	0.00172	0.00977	0.0164	0.0000389	10.6	0.00000426	0.000324	0.000284	0.000487	0.0303	0.000003	2.28	0.00199	2.45	0.057	0.000813	2.08	0.00401	0.00308	0.0000894	0.00106	0.000089	0.0804	0.0000126	0.000223	0.00085	0.00198
2023 Apr	53.5	0.126	0.406	0.0164	12.2	0.0376	10.3	0.00000546	0.00471	0.00156	0.00891	0.0149	0.0000354	9.61	0.00000389	0.000294	0.000258	0.000444	0.0276	0.00000275	2.08	0.00181	2.23	0.0518	0.000738	1.89	0.00365	0.00294	0.0000813	0.000965	0.000081	0.0731	0.0000115	0.000203	0.000774	0.00181
2023 May	52.1	0.122	0.396	0.0158	11.9	0.0369	10.1	0.00000534	0.00456	0.00152	0.00871	0.0146	0.0000345	9.37	0.00000378	0.000285	0.000252	0.000432	0.0269	0.00000269	2.02	0.00176	2.18	0.0503	0.000727	1.85	0.00356	0.00303	0.0000776	0.000941	0.0000789	0.0712	0.0000111	0.000198	0.000758	0.00177
2023 Jun	88.4	0.203	0.681	0.0241	20.2	0.0647	18.4	0.00000878	0.00729	0.00314	0.0142	0.0256	0.0000553	16.2	0.00000586	0.00041	0.000419	0.000709	0.0507	0.00000474	3.33	0.00295	3.84	0.0806	0.00161	3.11	0.00643	0.00517	0.0000813	0.00147	0.000133	0.121	0.0000153	0.000363	0.00137	0.00282
2023 Jul	108	0.277	0.865	0.0319	24.3	0.0766	23.4	0.0000102	0.0102	0.00528	0.0161	0.0307	0.0000651	20.1	0.00000685	0.000472	0.000494	0.000915	0.0681	0.0000058	3.94	0.00361	4.79	0.101	0.00227	3.54	0.00925	0.00658	0.000089	0.00171	0.000173	0.144	0.0000172	0.000468	0.00166	0.00337
2023 Aug	105	0.281	0.843	0.0322	23.2	0.0748	23.2	0.0000101	0.0107	0.00584	0.0154	0.0297	0.0000622	19.6	0.00000671	0.000445	0.000463	0.000921	0.0679	0.00000583	3.76	0.00345	4.76	0.0982	0.00233	3.31	0.0097	0.00645	0.0000859	0.00161	0.000177	0.136	0.0000164	0.000457	0.00161	0.00336
2023 Sep	102	0.296	0.842	0.0338	22.3	0.0739	23.8	0.0000101	0.0112	0.00687	0.0146	0.0289	0.0000599	19.4	0.00000663	0.00042	0.000428	0.000941	0.0681	0.00000592	3.61	0.00329	4.86	0.0962	0.00249	3.09	0.0106	0.00643	0.0000836	0.00152	0.000187	0.128	0.0000154	0.000453	0.0016	0.00338
2023 Oct	106	0.319	0.881	0.0363	22.8	0.0767	25.4	0.0000104	0.0119	0.00781	0.0146	0.0298	0.0000611	20.3	0.00000715	0.000423	0.000431	0.000998	0.0709	0.00000617	3.69	0.00333	5.15	0.0996	0.00272	3.1	0.0117	0.00672	0.000148	0.00154	0.000202	0.13	0.0000153	0.000474	0.00166	0.00357
2023 Nov	76.8	0.234	0.64	0.0266	16.5	0.056	18.6	0.00000756	0.00879	0.0058	0.0105	0.0217	0.0000443	14.7	0.00000531	0.000304	0.000311	0.000732	0.0516	0.0000045	2.67	0.0024	3.76	0.0723	0.002	2.23	0.00865	0.0049	0.000129	0.00111	0.000148	0.0934	0.000011	0.000345	0.00121	0.00262
2023 Dec	60	0.182	0.5	0.0207	12.9	0.0437	14.5	0.00000592	0.00687	0.00453	0.00821	0.0169	0.0000346	11.5	0.00000415	0.000237	0.000243	0.000572	0.0403	0.00000352	2.08	0.00188	2.94	0.0565	0.00157	1.74	0.00675	0.00383	0.000101	0.000869	0.000116	0.073	0.00000859	0.000269	0.000943	0.00205
2024 Jan	53.2	0.162	0.443	0.0184	11.4	0.0388	12.8	0.00000525	0.00609	0.00402	0.00728	0.015	0.0000307	10.2	0.00000368	0.000211	0.000215	0.000507	0.0357	0.00000312	1.85	0.00166	2.61	0.0501	0.00139	1.54	0.00599	0.0034	0.0000896	0.00077	0.000103	0.0647	0.00000762	0.000239	0.000835	0.00182
2024 Feb	47.8	0.145	0.398	0.0165	10.3	0.0349	11.5	0.00000472	0.00547	0.00361	0.00655	0.0135	0.0000275	9.18	0.00000331	0.000189	0.000194	0.000456	0.0321	0.0000028	1.66	0.0015	2.34	0.045	0.00125	1.39	0.00538	0.00305	0.0000805	0.000692	0.0000922	0.0581	0.00000685	0.000214	0.000751	0.00163
2024 Mar	43.2	0.131	0.36	0.0149	9.28	0.0315	10.4	0.00000426	0.00495	0.00326	0.00592	0.0122	0.0000249	8.29	0.00000299	0.000171	0.000175	0.000412	0.029	0.00000253	1.5	0.00135	2.12	0.0406	0.00113	1.25	0.00486	0.00276	0.0000728	0.000625	0.0000834	0.0525	0.00000619	0.000194	0.000678	0.00148
2024 Apr	39.6	0.12	0.33	0.0137	8.51	0.0289	9.57	0.00000391	0.00454	0.00299	0.00543	0.0112	0.0000228	7.61	0.00000274	0.000157	0.00016	0.000378	0.0266	0.00000232	1.38	0.00124	1.94	0.0373	0.00103	1.15	0.00446	0.00254	0.0000667	0.000573	0.0000764	0.0482	0.00000568	0.000178	0.000622	0.00136
2024 May	40.2	0.122	0.332	0.0138	8.63	0.0294	9.71	0.00000396	0.00458	0.00302	0.00549	0.0114	0.0000233	7.72	0.00000277	0.000158	0.000162	0.000383	0.0273	0.00000236	1.39	0.00126	1.97	0.0379	0.00105	1.17	0.00451	0.00261	0.0000652	0.000576	0.0000776	0.0489	0.00000573	0.00018	0.000634	0.00137
2024 Jun	84.6	0.234	0.586	0.0241	18.4	0.0661	19.6	0.00000848	0.00887	0.00563	0.0112	0.0252	0.0000503	16.1	0.00000553	0.000297	0.000325	0.000781	0.0628	0.00000512	2.82	0.0026	4.06	0.0765	0.0022	2.41	0.0084	0.00617	0.0000763	0.000948	0.000156	0.102	0.0000109	0.00036	0.00134	0.00278
2024 Jul	104	0.304	0.746	0.0311	22.6	0.0795	24.6	0.00001	0.0116	0.00749	0.0133	0.0307	0.0000619	20	0.00000663	0.00036	0.0004	0.000983	0.0818	0.00000625	3.43	0.00326	5.01	0.098	0.00287	2.86	0.0109	0.00777	0.0000864	0.00114	0.000198	0.126	0.0000128	0.000462	0.00166	0.00335
2024 Aug	102	0.304	0.736	0.0313	21.9	0.0778	24.3	0.00000997	0.012	0.00769	0.013	0.0299	0.0000602	19.6	0.00000655	0.000348	0.000384	0.00098	0.0809	0.00000625	3.32	0.00316	4.94	0.0959	0.00286	2.74	0.011	0.00755	0.0000845	0.0011	0.000197	0.121	0.0000125	0.000454	0.00163	0.00334
2024 Sep	100	0.316	0.75	0.0329	21.2	0.0767	24.8	0.00000998	0.0123	0.00836	0.0126	0.0292	0.0000589	19.5	0.0000065	0.000338	0.000364	0.000988	0.0799	0.00000631	3.24	0.00306	5.01	0.0949	0.00296	2.63	0.0116	0.00739	0.0000832	0.00107	0.000204	0.116	0.0000121	0.000454	0.00163	0.00337
2024 Oct	104	0.337	0.797	0.0355	21.9	0.0796	26.3	0.0000103	0.013	0.0092	0.0128	0.0302	0.0000606	20.4	0.00000705	0.000347	0.000373	0.00104	0.0824	0.00000656	3.35	0.00313	5.29	0.0988	0.00317	2.68	0.0126	0.00763	0.000148	0.00111	0.000219	0.119	0.0000122	0.000477	0.0017	0.00357
2024 Nov	75.4	0.246	0.581	0.026	15.9	0.0581	19.2	0.0000075	0.00956	0.00676	0.00929	0.022	0.000044	14.8	0.00000524	0.000252	0.000271	0.000764	0.0598	0.00000477	2.43	0.00226	3.86	0.0718	0.00232	1.94	0.00928	0.00555	0.00013	0.000808	0.00016	0.0859	0.00000882	0.000347	0.00124	0.00262
2024 Dec	58.9	0.192	0.453	0.0202	12.4	0.0453	15	0.00000586	0.00746	0.00528	0.00725	0.0172	0.0000343	11.6	0.0000041	0.000196	0.000211	0.000597	0.0467	0.00000373	1.9	0.00177	3.01	0.056	0.00181	1.51	0.00724	0.00433	0.000101	0.00063	0.000125	0.0671	0.00000689	0.000271	0.000966	0.00205
2025 Jan	52.2	0.17	0.401	0.0179	11	0.0402	13.3	0.00000519	0.00661	0.00467	0.00642	0.0152	0.0000304	10.3	0.00000363	0.000174	0.000187	0.000528	0.0413	0.0000033	1.68	0.00156	2.67	0.0496	0.0016	1.34	0.00641	0.00383	0.0000897	0.000558	0.000111	0.0594	0.0000061	0.00024	0.000855	0.00181
2025 Feb	47	0.153	0.362	0.0162	9.91	0.0362	12	0.00000468	0.00596	0.00421	0.00579	0.0137	0.0000274	9.25	0.00000327	0.000157	0.000169	0.000477	0.0373	0.00000298	1.52	0.00141	2.41	0.0447	0.00144	1.21	0.00578	0.00346	0.0000809	0.000503	0.0000997	0.0535	0.0000055	0.000216	0.000771	0.00164
2025 Mar	42.6	0.139	0.328	0.0146	8.97	0.0328	10.8	0.00000424	0.0054	0.00381	0.00525	0.0124	0.0000248	8.38	0.00000296	0.000142	0.000153	0.000432	0.0337	0.0000027	1.37	0.00128	2.18	0.0405	0.00131	1.1	0.00523	0.00313	0.0000733	0.000456	0.0000903	0.0485	0.00000499	0.000196	0.000698	0.00148
2025 Apr	39	0.127	0.299	0.0134	8.2	0.03	9.91	0.00000388	0.00494	0.00349	0.0048	0.0114	0.0000227	7.66	0.00000271	0.00013	0.00014	0.000395	0.0308	0.00000247	1.26	0.00117	1.99	0.037	0.00119	1	0.00478	0.00288	0.000067	0.000417	0.0000825	0.0443	0.00000456	0.000179	0.000639	0.00136
2025 May	39.2	0.127	0.3	0.0134	8.25	0.0302	9.96	0.00000391	0.00494	0.00349	0.00483	0.0114	0.0000229	7.71	0.00000272	0.00013	0.000141	0.000396	0.0312	0.00000248	1.26	0.00118	2	0.0373	0.0012	1.01	0.00479	0.00292	0.0000654	0.000417	0.0000829	0.0447	0.00000458	0.00018	0.000644	0.00136
2025 Jun	84.6	0.246	0.559	0.024	18.2	0.0687	20.4	0.00000875	0.00989	0.00626	0.0105	0.0258	0.000051	16.4	0.0000056	0.000268	0.000302	0.000815	0.0699	0.00000553	2.73	0.00255	4.15	0.0779	0.00246	2.25	0.00891	0.00673	0.0000781	0.000759	0.00017	0.098	0.00000951	0.000378	0.00141	0.00282
2025 Jul	103	0.314	0.714	0.0306	22.3	0.0821	25	0.0000105	0.013	0.00789	0.0126	0.0313	0.0000624	20.1	0.0000067	0.000329	0.000373	0.00101	0.089	0.00000681	3.33	0.0032	5	0.0989	0.00309	2.68	0.0112	0.00833	0.0000882	0.000936	0.000212	0.121	0.0000113	0.000486	0.00173	0.00338
2025 Aug	101	0.313	0.707	0.0308	21.6	0.0801	24.5	0.0000104	0.0132	0.00786	0.0123	0.0304	0.0000607	19.7	0.00000662	0.000321	0.000361	0.001	0.0876	0.00000678	3.23	0.00311	4.9	0.0968	0.00304	2.58	0.0111	0.00807	0.0000863	0.000899	0.000208	0.117	0.0000111	0.000476	0.00169	0.00336
2025 Sep	97.3	0.316	0.705	0.0315	20.7	0.078	24.2	0.0000101	0.0132	0.0078	0.012	0.0293	0.000059	19.1	0.00000649	0.000309	0.000342	0.000986	0.0852	0.00000671	3.11	0.00299	4.83	0.0942	0.00302	2.47	0.0111	0.00777	0.0000843	0.000846	0.000204	0.111	0.0000107	0.000464	0.00165	0.00333
2025 Oct	100	0.335	0.74	0.0335	21.3	0.0808	25.3	0.0000103	0.0137	0.00804	0.0122	0.0301	0.0000611	19.8	0.000007	0.000316	0.000353	0.00103	0.0879	0.0000069	3.18	0.00306	5.04	0.098	0.0032	2.53	0.0117	0.00801	0.000149	0.000856	0.000211	0.115	0.0000108	0.000483	0.0017	0.0035
2025 Nov	73.4	0.246	0.542	0.0246	15.6	0.0593	18.6	0.00000746	0.0101	0.00584	0.00888	0.022	0.0000447	14.5	0.00000523	0.000231	0.000259	0.000756	0.0643	0.00000504	2.32	0.00223	3.7	0.0718	0.00235	1.85	0.00854	0.00585	0.00013	0.00062	0.000154	0.0837	0.0000078	0.000353	0.00124	0.00258
2025 Dec	57.5	0.192	0.425	0.0193	12.2	0.0465	14.6	0.00000585	0.00791	0.00457	0.00696	0.0173	0.000035	11.4	0.0000041	0.000181	0.000203	0.000592	0.0504	0.00000395	1.82	0.00175	2.9	0.0563	0.00184	1.45	0.00669	0.00459	0.000102	0.000486	0.000121	0.0656	0.00000612	0.000277	0.000976	0.00202
2026 Jan	53.8	0.18	0.398	0.018	11.4	0.0435	13.6	0.00000548	0.00741	0.00428	0.00652	0.0162	0.0000328	10.6	0.00000384	0.000169	0.00019	0.000555	0.0471	0.0000037	1.7	0.00164	2.72	0.0526	0.00172	1.36	0.00627	0.0043	0.0000956	0.000454	0.000113	0.0614	0.00000573	0.000259	0.000913	0.0019
2026 Feb	53.8	0.18	0.397	0.018	11.4	0.0435	13.6	0.00000548	0.0074	0.00428	0.00652	0.0162	0.0000328	10.6	0.00000384	0.000169	0.00019	0.000555	0.0471	0.0000037	1.7	0.00163	2.71	0.0526	0.00172	1.36	0.00626	0.00429	0.0000956	0.000454	0.000113	0.0614	0.00000573	0.000259	0.000913	0.0019
2026 Mar	53.8	0.18	0.397	0.018	11.4	0.0435	13.6	0.00000548	0.0074	0.00428	0.00652	0.0162	0.0000328	10.6	0.00000384	0.000169	0.00019	0.000555	0.0471	0.0000037	1.7	0.00163	2.71	0.0526	0.00172	1.36	0.00626	0.00429	0.0000956	0.000454	0.000113	0.0614	0.00000573	0.000259	0.000913	0.0019
2026 Apr	53.9	0.18	0.398	0.0181	11.4	0.0436	13.6	0.00000549	0.00741	0.00428	0.00653	0.0162	0.0000328	10.6	0.00000385	0.000169	0.00019	0.000555	0.0472	0.00000371	1.71	0.00164	2.72	0.0527	0.00172	1.36	0.00627	0.00431	0.0000957	0.000455	0.000113	0.0615	0.00000574	0.000259	0.000914	0.0019
2026 May	54.1	0.18	0.398	0.0181	11.5	0.0438	13.7	0.00000553	0.00744	0.00429	0.00657	0.0163	0.0000329	10.7	0.00000387	0.00017	0.000191	0.000558	0.0472	0.00000373	1.71	0.00164	2.73	0.0527	0.00173	1.37	0.00628	0.00434	0.000096	0.000456	0.000113	0.0616	0.00000578	0.00026	0.000917	0.00191
2026 Jun	49.4	0.117	0.25	0.0113	10.4	0.0456	10.6	0.00000593	0.00535	0.00272	0.00658	0.0153	0.0000254	9.02	0.00000359	0.00013	0.000158	0.000472	0.0321	0.00000356	1.59	0.0013	2.49	0.0332	0.00108	1.34	0.00422	0.00374	0.0000598	0.000301	0.0000828	0.051	0.00000608	0.000168	0.00069	0.00192
2026 Jul	51.7	0.113	0.241	0.0109	10.9	0.0483	10.7	0.00000633	0.00547	0.00261	0.00696	0.0161	0.0000257	9.31	0.00000373	0.000131	0.000164	0.000486	0.0323	0.00000374	1.67	0.00133	2.6	0.0323	0.00105	1.41	0.00412	0.00388	0.0000526	0.000291	0.000083	0.0526	0.00000647	0.000164	0.000693	0.00202
2026 Aug	47.8	0.0991	0.212	0.00961	10.1	0.0457	9.7	0.00000624	0.00549	0.00231	0.0068	0.0149	0.0000239	8.57	0.00000361	0.000122	0.000153	0.000461	0.0303	0.00000362	1.55	0.00124	2.4	0.0286	0.000922	1.31	0.00368	0.00353	0.0000495	0.000262	0.0000763	0.0481	0.00000637	0.000146	0.000642	0.00198
2026 Sep	49.8	0.109	0.237	0.0106	10.5	0.0459	10.2	0.00000646	0.00631	0.00251	0.00707	0.0152	0.0000255	8.98	0.00000376	0.00013	0.000156	0.00049	0.0343	0.00000379	1.59	0.00134	2.45	0.032	0.00103	1.33	0.00392	0.0036	0.0000492	0.000285	0.0000836	0.051	0.00000659	0.000162	0.000687	0.00205
2026 Oct	51.9	0.114	0.253	0.0112	10.9	0.0472	10.7	0.00000658	0.00685	0.00264	0.00722	0.0156	0.0000265	9.34	0.00000425	0.000135	0.000164	0.00052	0.036	0.00000388	1.64	0.00141	2.53	0.034	0.00108	1.37	0.00411	0.00367	0.000121	0.000302	0.0000878	0.0534	0.00000672	0.000171	0.000713	0.00219
2026 Nov	52.5	0.115	0.256	0.0113	11	0.0478	10.8	0.0000066	0.00708	0.00267	0.00726	0.0157	0.0000267	9.45	0.00000453	0.000136	0.000168	0.000532	0.0363	0.0000039	1.66	0.00142	2.56	0.0344	0.0011	1.38	0.00416	0.00368	0.000166	0.000307	0.0000887	0.0541	0.00000675	0.000173	0.000719	0.00227
2026 Dec	52.5	0.115	0.256	0.0113	11	0.0478	10.8	0.0000066	0.00708	0.00266	0.00726	0.0157	0.0000267	9.44	0.00000452	0.000136	0.000168	0.000532	0.0363	0.0000039	1.66	0.00142	2.56	0.0344	0.0011	1.38	0.00415	0.00367	0.000166	0.000307	0.0000886	0.0541	0.00000674	0.000173	0.000718	0.00226
2027 Jan	52.5	0.115	0.256	0.0113	11	0.0478	10.8	0.0000066	0.00707	0.00266	0.00725	0.0157	0.0000266	9.43	0.00000452	0.000136	0.000168	0.000531	0.0363	0.00000389	1.66	0.00142	2.56	0.0343	0.0011	1.38	0.00415	0.00367	0.000165	0.000307	0.0000885	0.054	0.00000674	0.000172	0.000718	0.00226
2027 Feb	52.5	0.115	0.255	0.0113	11	0.0478	10.8	0.0000066	0.00707	0.00266	0.00725	0.0157	0.0000266	9.43	0.00000452	0.000136	0.000168	0.000531	0.0363	0.00000389	1.66	0.00142	2.56	0.0343	0.0011	1.38	0.00415	0.00367	0.000165	0.000306	0.0000885	0.054	0.00000674	0.000172	0.000718	0.00226
2027 Mar	52.4	0.115	0.255	0.0113	11	0.0478	10.8	0.0000066	0.00707	0.00266	0.00725	0.0157	0.0000266	9.43	0.00000452	0.000136	0.000168	0.000531	0.0363	0.00000389	1.66	0.00142	2.56	0.0343	0.00109	1.38	0.00415	0.00367	0.000165	0.000306	0.0000885	0.054	0.00000674	0.000172	0.000718	0.00226
2027 Apr	52.5	0.115	0.256	0.0113	11	0.0479	10.8	0.00000661	0.00708	0.00266	0.00727	0.0157	0.0000267	9.44	0.00000453	0.000136	0.000168	0.000532	0.0363	0.0000039	1.66	0.00142	2.56	0.0343	0.0011	1.38	0.00415	0.00369	0.000166	0.000307	0.0000886	0.0541	0.00000675	0.000173	0.000719	0.00227
2027 May	52.7	0.115	0.256	0.0113	11.1	0.0481	10.8	0.00000665	0.0071	0.00266	0.00731	0.0157	0.0000268	9.47	0.00000455	0.000137	0.000168	0.000534	0.0364	0.00000392	1.67	0.00143	2.57	0.0344	0.0011	1.39	0.00416	0.00372	0.000166	0.000307	0.0000888	0.0542	0.00000679	0.000173	0.000721	0.00228
2027 Jun	58.9	0.121	0.273	0.0117	12.4	0.0518	11.6	0.00000672	0.00622	0.00274	0.00738	0.0176	0.0000272	10.3	0.00000411	0.00014	0.000174	0.000534	0.0357	0.00000397	1.85	0.00151	2.82	0.036	0.00114	1.54	0.00435	0.00415	0.0000789	0.000312	0.0000926	0.0595	0.00000686	0.00018	0.000733	0.00218
2027 Jul	58.8	0.115	0.263	0.0112	12.4	0.0518	11.3	0.00000671	0.00602	0.00262	0.00734	0.0177	0.0000264	10.2	0.00000398	0.000136	0.000173	0.000523	0.0346	0.00000393	1.85	0.00149	2.81	0.0345	0.00109	1.54	0.00419	0.00413	0.0000607	0.0003	0.0000903	0.0589	0.00000685	0.000173	0.000711	0.00215
2027 Aug	53.7	0.101	0.23	0.0098	11.3	0.0484	10.2	0.00000655	0.00598	0.00231	0.0071	0.0162	0.0000244	9.31	0.00000382	0.000126	0.00016	0.000491	0.0322	0.00000378	1.69	0.00137	2.58	0.0304	0.000955	1.42	0.00372	0.00372	0.0000561	0.000268	0.0000823	0.0534	0.00000667	0.000153	0.000655	0.00208
2027 Sep	53.9	0.104	0.241	0.0102	11.3	0.0472	10.3	0.00000656	0.00648	0.00237	0.00713	0.0159	0.0000249	9.35	0.00000383	0.000128	0.000156	0.0005	0.0343	0.00000381	1.68	0.00142	2.53	0.0318	0.000995	1.4	0.00376	0.00364	0.0000526	0.000276	0.0000856	0.054	0.00000669	0.000159	0.000667	0.00208
2027 Oct	55.2	0.107	0.25	0.0105	11.6	0.0478	10.5	0.00000659	0.00689	0.00243	0.00718	0.016	0.0000252	9.55	0.00000425	0.000131	0.000161	0.00052	0.0352	0.00000384	1.71	0.00146	2.57	0.033	0.00103	1.41	0.00384	0.00365	0.000121	0.000287	0.0000881	0.0555	0.00000672	0.000164	0.000678	0.00219
2027 Nov	55.7	0.107	0.252	0.0105	11.7	0.0482	10.6	0.00000659	0.00708	0.00245	0.00718	0.0161	0.0000253	9.62	0.0000045	0.000131	0.000164	0.00053	0.0353	0.00000384	1.72	0.00146	2.59	0.0332	0.00103	1.42	0.00387	0.00364	0.000164	0.00029	0.0000885	0.056	0.00000672	0.000165	0.000679	0.00225
2027 Dec	55.6	0.107	0.252	0.0105	11.7	0.0482	10.6	0.00000659	0.00707	0.00244	0.00718	0.0161	0.0000253	9.61	0.0000045	0.000131	0.000164	0.00053	0.0353	0.00000384	1.72	0.00146	2.59	0.0331	0.00103	1.42	0.00386	0.00364	0.000164	0.00029	0.0000884	0.0559	0.00000672	0.000165	0.000679	0.00225
2028 Jan	55.6	0.107	0.252	0.0105	11.7	0.0482	10.6	0.00000659	0.00707	0.00244	0.00718	0.0161	0.0000253	9.6	0.00000449	0.000131	0.000164	0.000529	0.0353	0.00000384	1.72	0.00146	2.59	0.0331	0.00103	1.41	0.00386	0.00363	0.000164	0.000289	0.0000883	0.0559	0.00000672	0.000165	0.000678	0.00225
2028 Feb	55.6	0.107	0.252	0.0105	11.7	0.0482	10.6	0.00000659	0.00707	0.00244	0.00718	0.0161	0.0000253	9.6	0.00000449	0.000131	0.000164	0.000529	0.0352	0.00000384	1.72	0.00146	2.59	0.0331	0.00103	1.41	0.00386	0.00363	0.000164	0.000289	0.0000883	0.0559	0.00000672	0.000165	0.000678	0.00225
2028 Mar	55.6	0.107	0.252	0.0105	11.7	0.0482	10.6	0.00000659	0.00707	0.00244	0.00718	0.0161	0.0000253	9.6	0.00000449	0.000131	0.000164	0.000529	0.0352	0.00000384	1.72	0.00146	2.59	0.0331	0.00103	1.41	0.00386	0.00363	0.000164	0.000289	0.0000883	0.0559	0.00000672	0.000165	0.000678	0.00225
2028 Apr	55.6	0.107	0.252	0.0105	11.7	0.0482	10.6	0.0000066	0.00708	0.00244	0.00719	0.0161	0.0000253	9.61	0.0000045	0.000131	0.000164	0.00053	0.0353	0.00000384	1.72	0.00146	2.59	0.0331	0.00103	1.42	0.00386	0.00365	0.000164	0.00029	0.0000884	0.0559	0.00000673	0.000165	0.000679	0.00225
2028 May	55.8	0.107	0.252	0.0105	11.7	0.0485	10.6	0.00000664	0.0071	0.00244	0.00723	0.0162	0.0000254	9.64	0.00000452	0.000131	0.000164	0.000532	0.0353	0.00000386	1.73	0.00147	2.6	0.0331	0.00103	1.42	0.00387	0.00368	0.000165	0.00029	0.0000886	0.0561	0.00000677	0.000165	0.000681	0.00227
2028 Jun	60.6	0.108	0.261	0.0105	12.7	0.0509	11	0.00000655	0.00603	0.00243	0.00713	0.0176	0.000025	10.2	0.00000399	0.00013	0.000165	0.000518	0.0335	0.00000381	1.87	0.00151	2.78	0.0335	0.00104	1.54	0.00392	0.004	0.0000767	0.000286	0.0000898	0.0597	0.00000668	0.000167	0.000671	0.00212
2028 Jul	60	0.103	0.249	0.00996	12.6	0.0508	10.7	0.00000652	0.00579	0.00231	0.00707	0.0175	0.0000242	10.1	0.00000385	0.000126	0.000163	0.000505	0.0322	0.00000377	1.85	0.00148	2.76	0.0319	0.000982	1.53	0.00376	0.00396	0.0000585	0.000273	0.000087	0.0587	0.00000664	0.000159	0.000649	0.00208
2028 Aug	54.9	0.0902	0.218	0.00878	11.5	0.0476	9.72	0.00000639	0.00579	0.00205	0.00687	0.0161	0.0000225	9.19	0.0000037	0.000117	0.000152	0.000476	0.0302	0.00000364	1.7	0.00136	2.53	0.0282	0.000864	1.41	0.00335	0.00358	0.0000541	0.000245	0.0000796	0.0533	0.0000065	0.000141	0.000601	0.00202
2028 Sep	55.4	0.0936	0.232	0.00919	11.6	0.0463	9.82	0.0000064	0.00633	0.00212	0.00689	0.0158	0.000023	9.27	0.00000371	0.00012	0.000148	0.000486	0.0325	0.00000366	1.69	0.00142	2.49	0.0299	0.000909	1.39	0.00339	0.0035	0.0000504	0.000255	0.0000835	0.0543	0.00000651	0.000149	0.000614	0.00202
2028 Oct	56.6	0.0959	0.24	0.00945	11.8	0.0469	10	0.00000642	0.00673	0.00217	0.00693	0.016	0.0000233	9.45	0.00000413	0.000122	0.000153	0.000506	0.0333	0.00000369	1.72	0.00145	2.53	0.0309	0.000936	1.4	0.00346	0.0035	0.00012	0.000264	0.0000858	0.0557	0.00000653	0.000153	0.000623	0.00213
2028 Nov	57	0.096	0.242	0.00948	11.9	0.0473	10.1	0.00000642	0.00692	0.00218	0.00693	0.016	0.0000233	9.5	0.00000439	0.000122	0.000155	0.000515	0.0333	0.00000369	1.73	0.00146	2.54	0.031	0.00094	1.41	0.00348	0.00348	0.000165	0.000267	0.0000861	0.0561	0.00000653	0.000154	0.000623	0.00219
2028 Dec	57	0.0958	0.242	0.00947	11.9	0.0472	10.1	0.00000642	0.00691	0.00217	0.00692	0.016	0.0000233	9.49	0.00000439	0.000122	0.000155	0.000514	0.0333	0.00000369	1.73	0.00146	2.54	0.031	0.000939	1.41	0.00348	0.00348	0.000165	0.000267	0.000086	0.0561	0.00000653	0.000153	0.000623	0.00219
2029 Jan	57	0.0958	0.241	0.00946	11.9	0.0472	10.1	0.00000641	0.00691	0.00217	0.00692	0.016	0.0000233	9.49	0.00000438	0.000122	0.000155	0.000514	0.0333	0.00000368	1.73	0.00146	2.54	0.0309	0.000938	1.41	0.00347	0.00348	0.000165	0.000266	0.0000859	0.056	0.00000653	0.000153	0.000622	0.00219
2029 Feb	56.9	0.0957	0.241	0.00946	11.9	0.0472	10.1	0.00000641	0.00691	0.00217	0.00692	0.016	0.0000233	9.49	0.00000438	0.000122	0.000155	0.000514	0.0333	0.00000368	1.73	0.00146	2.54	0.0309	0.000938	1.41	0.00347	0.00348	0.000165	0.000266	0.0000859	0.056	0.00000653	0.000153	0.000622	0.00219
2029 Mar	56.9	0.0957	0.241	0.00946	11.9	0.0472	10.1	0.00000641	0.00691	0.00217	0.00692	0.016	0.0000233	9.49	0.00000438	0.000122	0.000155	0.000514	0.0333	0.00000368	1.73	0.00146	2.54	0.0309	0.000937	1.41	0.00347	0.00348	0.000165	0.000266	0.0000859	0.056	0.00000653	0.000153	0.000622	0.00219
2029 Apr	57	0.0958	0.242	0.00947	11.9	0.0473	10.1	0.00000643	0.00691	0.00217	0.00693	0.016	0.0000233	9.5	0.00000439	0.000122	0.000155	0.000515	0.0333	0.00000369	1.73	0.00146	2.54	0.031	0.000938	1.41	0.00348	0.0035	0.000165	0.000267	0.000086	0.0561	0.00000654	0.000153	0.000623	0.00219
2029 May	57.2	0.0959	0.242	0.00948	12	0.0475	10.1	0.00000647	0.00693	0.00218	0.00697	0.0161	0.0000234	9.53	0.00000441	0.000123	0.000156	0.000517	0.0334	0.00000371	1.74	0.00146	2.55	0.031	0.000939	1.42	0.00348	0.00353	0.000165	0.000267	0.0000863	0.0562	0.00000658	0.000154	0.000625	0.0022
2029 Jun	61.7	0.0968	0.248	0.0094	12.9	0.0499	10.5	0.00000636	0.00581	0.00215	0.00686	0.0175	0.0000229	10.1	0.00000386	0.000121	0.000156	0.0005	0.0312	0.00000365	1.87	0.0015	2.73	0.0311	0.000937	1.53	0.00351	0.00383	0.0000752	0.000261	0.0000868	0.0595	0.00000648	0.000154	0.000612	0.00205
2029 Jul	61	0.0919	0.236	0.00889	12.8	0.0498	10.2	0.00000635	0.00557	0.00204	0.00681	0.0174	0.0000222	9.9	0.00000372	0.000118	0.000154	0.000487	0.03	0.00000361	1.85	0.00146	2.7	0.0296	0.000887	1.52	0.00337	0.00381	0.0000566	0.000249	0.0000841	0.0585	0.00000645	0.000146	0.000592	0.00201
2029 Aug	55.6	0.0802	0.206	0.00782	11.6	0.0467	9.24	0.00000623	0.00558	0.00181	0.00663	0.016	0.0000207	9.03	0.00000359	0.00011	0.000144	0.00046	0.0283	0.0000035	1.7	0.00135	2.48	0.0261	0.000777	1.4	0.003	0.00344	0.0000525	0.000224	0.0000768	0.053	0.00000632	0.00013	0.000551	0.00196
2029 Sep	56.1	0.0832	0.219	0.00819	11.7	0.0453	9.32	0.00000623	0.00611	0.00187	0.00665	0.0157	0.0000211	9.1	0.00000359	0.000112	0.00014	0.000469	0.0305	0.00000351	1.69	0.0014	2.44	0.0277	0.000819	1.38	0.00303	0.00335	0.0000485	0.000232	0.0000807	0.054	0.00000633	0.000137	0.000562	0.00196
2029 Oct	57.4	0.0852	0.227	0.00842	12	0.0459	9.51	0.00000625	0.0065	0.00191	0.00668	0.0158	0.0000213	9.28	0.00000401	0.000114	0.000144	0.000488	0.0312	0.00000353	1.72	0.00144	2.48	0.0286	0.000843	1.39	0.00309	0.00334	0.000118	0.000241	0.0000828	0.0554	0.00000634	0.00014	0.000568	0.00206
2029 Nov	57.8	0.0852	0.229	0.00845	12.1	0.0462	9.56	0.00000624	0.00668	0.00192	0.00667	0.0158	0.0000214	9.33	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.73	0.00144	2.49	0.0287	0.000847	1.4	0.0031	0.00333	0.000163	0.000243	0.0000831	0.0558	0.00000634	0.000141	0.000569	0.00212
2029 Dec	57.8	0.0851	0.228	0.00844	12.1	0.0462	9.55	0.00000624	0.00668	0.00191	0.00667	0.0158	0.0000213	9.32	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.73	0.00144	2.49	0.0287	0.000846	1.39	0.0031	0.00333	0.000163	0.000243	0.000083	0.0557	0.00000634	0.000141	0.000569	0.00212
2030 Jan	57.7	0.085	0.228	0.00843	12.1	0.0462	9.55	0.00000624	0.00667	0.00191	0.00667	0.0158	0.0000213	9.32	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.73	0.00144	2.49	0.0287	0.000845	1.39	0.0031	0.00333	0.000162	0.000243	0.0000829	0.0557	0.00000634	0.000141	0.000568	0.00212
2030 Feb	57.7	0.085	0.228	0.00843	12.1	0.0462	9.55	0.00000624	0.00667	0.00191	0.00667	0.0158	0.0000213	9.32	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.72	0.00144	2.48	0.0286	0.000845	1.39	0.0031	0.00332	0.000162	0.000243	0.0000829	0.0557	0.00000634	0.000141	0.000568	0.00212
2030 Mar	57.7	0.085	0.228	0.00843	12.1	0.0462	9.55	0.00000624	0.00667	0.00191	0.00667	0.0158	0.0000213	9.32	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.72	0.00144	2.48	0.0286	0.000845	1.39	0.0031	0.00332	0.000162	0.000243	0.0000829	0.0556	0.00000634	0.000141	0.000568	0.00212
2030 Apr	57.8	0.085	0.228	0.00843	12.1	0.0462	9.55	0.00000625	0.00667	0.00191	0.00668	0.0158	0.0000214	9.32	0.00000426	0.000114	0.000147	0.000497	0.0312	0.00000353	1.73	0.00144	2.49	0.0286	0.000844	1.4	0.0031	0.00336	0.000162	0.000243	0.0000829	0.0557	0.00000635	0.000141	0.000569	0.00212
2030 May	57.9	0.0849	0.228	0.00842	12.1	0.0465	9.57	0.00000629	0.00668	0.00191	0.00672	0.0159	0.0000214	9.34	0.00000428	0.000114	0.000147	0.000499	0.0312	0.00000355	1.73	0.00145	2.49	0.0286	0.000843	1.4	0.0031	0.0034	0.000162	0.000243	0.0000831	0.0557	0.00000639	0.000141	0.00057	0.00214
2030 Jun	62.5	0.0864	0.235	0.0084	13	0.0489	9.99	0.00000619	0.00556	0.0019	0.00661	0.0173	0.000021	9.9	0.00000372	0.000113	0.000147	0.000483	0.0292	0.00000349	1.87	0.00148	2.68	0.0289	0.000847	1.52	0.00315	0.00369	0.0000718	0.000238	0.0000839	0.0592	0.00000629	0.000141	0.000559	0.00198

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	61.7	0.082	0.224	0.00794	12.9	0.0488	9.73	0.00000619	0.00534	0.0018	0.00658	0.0172	0.0000204	9.74	0.0000036	0.00011	0.000147	0.000471	0.0281	0.00000346	1.85	0.00145	2.65	0.0275	0.000801	1.51	0.00303	0.00367	0.0000547	0.000227	0.0000812	0.0581	0.00000627	0.000135	0.000543	0.00195
2030 Aug	56.2	0.0715	0.195	0.00698	11.7	0.0459	8.82	0.0000061	0.00536	0.0016	0.00644	0.0158	0.0000192	8.89	0.00000349	0.000103	0.000137	0.000446	0.0265	0.00000337	1.7	0.00133	2.44	0.0242	0.000701	1.39	0.0027	0.00332	0.0000509	0.000205	0.0000743	0.0527	0.00000617	0.000119	0.000508	0.00191
2030 Sep	56.6	0.0739	0.207	0.00729	11.8	0.0444	8.86	0.00000609	0.00587	0.00164	0.00644	0.0155	0.0000195	8.93	0.00000348	0.000105	0.000133	0.000453	0.0286	0.00000338	1.68	0.00138	2.39	0.0256	0.000737	1.36	0.00271	0.00322	0.0000469	0.000212	0.0000778	0.0535	0.00000617	0.000125	0.000515	0.0019
2030 Oct	58	0.0758	0.215	0.00751	12.1	0.045	9.06	0.0000061	0.00626	0.00168	0.00646	0.0156	0.0000197	9.12	0.00000389	0.000106	0.000137	0.000473	0.0293	0.00000339	1.71	0.00142	2.43	0.0265	0.000762	1.38	0.00276	0.00321	0.000116	0.00022	0.0000801	0.0549	0.00000618	0.000129	0.000522	0.002
2030 Nov	58.4	0.0759	0.216	0.00755	12.2	0.0453	9.11	0.00000609	0.00644	0.00169	0.00646	0.0157	0.0000197	9.18	0.00000414	0.000106	0.00014	0.000482	0.0294	0.00000339	1.72	0.00143	2.44	0.0267	0.000765	1.38	0.00278	0.0032	0.000159	0.000223	0.0000803	0.0554	0.00000618	0.00013	0.000522	0.00206
2030 Dec	58.3	0.0758	0.216	0.00754	12.2	0.0453	9.1	0.00000609	0.00644	0.00169	0.00646	0.0157	0.0000197	9.17	0.00000414	0.000106	0.000139	0.000481	0.0293	0.00000339	1.72	0.00143	2.44	0.0266	0.000764	1.38	0.00278	0.0032	0.000159	0.000223	0.0000802	0.0553	0.00000618	0.00013	0.000522	0.00206
2031 Jan	58.3	0.0757	0.216	0.00753	12.2	0.0453	9.09	0.00000609	0.00643	0.00169	0.00646	0.0157	0.0000197	9.16	0.00000414	0.000106	0.000139	0.000481	0.0293	0.00000339	1.72	0.00143	2.44	0.0266	0.000764	1.38	0.00278	0.00319	0.000159	0.000222	0.0000802	0.0553	0.00000617	0.00013	0.000521	0.00206
2031 Feb	58.3	0.0757	0.216	0.00753	12.2	0.0453	9.09	0.00000609	0.00643	0.00169	0.00645	0.0157	0.0000197	9.16	0.00000414	0.000106	0.000139	0.000481	0.0293	0.00000339	1.72	0.00142	2.44	0.0266	0.000763	1.38	0.00277	0.00319	0.000159	0.000222	0.0000802	0.0553	0.00000617	0.000129	0.000521	0.00206
2031 Mar	58.3	0.0757	0.216	0.00753	12.2	0.0453	9.09	0.00000609	0.00643	0.00169	0.00645	0.0157	0.0000197	9.16	0.00000414	0.000106	0.000139	0.000481	0.0293	0.00000339	1.72	0.00142	2.44	0.0266	0.000763	1.38	0.00277	0.00319	0.000159	0.000222	0.0000802	0.0552	0.00000617	0.000129	0.000521	0.00206
2031 Apr	58.3	0.0757	0.216	0.00753	12.2	0.0453	9.09	0.0000061	0.00643	0.00169	0.00646	0.0157	0.0000197	9.16	0.00000414	0.000106	0.000139	0.000481	0.0293	0.0000034	1.72	0.00143	2.44	0.0266	0.000763	1.38	0.00278	0.00323	0.000159	0.000222	0.0000802	0.0553	0.00000618	0.000129	0.000522	0.00207
2031 May	58.5	0.0756	0.215	0.00752	12.2	0.0456	9.12	0.00000614	0.00644	0.00169	0.0065	0.0157	0.0000198	9.18	0.00000416	0.000107	0.00014	0.000483	0.0293	0.00000341	1.73	0.00143	2.45	0.0266	0.000762	1.39	0.00278	0.00327	0.000159	0.000223	0.0000803	0.0553	0.00000622	0.000129	0.000523	0.00208
2031 Jun	63.2	0.0776	0.224	0.00755	13.2	0.0481	9.57	0.00000605	0.00534	0.00169	0.00641	0.0172	0.0000194	9.76	0.00000362	0.000106	0.00014	0.000468	0.0274	0.00000336	1.87	0.00147	2.63	0.027	0.000771	1.51	0.00285	0.00357	0.0000694	0.000219	0.0000814	0.059	0.00000613	0.000131	0.000515	0.00192
2031 Jul	62.4	0.0738	0.214	0.00715	13	0.048	9.34	0.00000605	0.00514	0.00161	0.00638	0.0171	0.000019	9.62	0.0000035	0.000103	0.00014	0.000458	0.0265	0.00000334	1.85	0.00144	2.61	0.0257	0.00073	1.5	0.00274	0.00355	0.0000527	0.000209	0.000079	0.0579	0.00000613	0.000125	0.000501	0.0019
2031 Aug	56.8	0.0643	0.186	0.00629	11.9	0.0452	8.47	0.00000598	0.00519	0.00142	0.00627	0.0157	0.0000179	8.79	0.0000034	0.0000971	0.000131	0.000434	0.0251	0.00000326	1.69	0.00132	2.4	0.0227	0.000639	1.38	0.00245	0.00322	0.0000492	0.000189	0.0000723	0.0525	0.00000604	0.000111	0.000471	0.00186
2031 Sep	57.2	0.0664	0.197	0.00656	11.9	0.0437	8.49	0.00000596	0.00569	0.00146	0.00626	0.0154	0.0000181	8.82	0.00000339	0.0000987	0.000127	0.000441	0.0271	0.00000327	1.68	0.00137	2.35	0.024	0.000672	1.36	0.00245	0.00311	0.0000452	0.000195	0.0000756	0.0532	0.00000603	0.000116	0.000477	0.00186
2031 Oct	58.6	0.0681	0.205	0.00677	12.2	0.0442	8.68	0.00000597	0.00608	0.0015	0.00628	0.0155	0.0000183	9.01	0.0000038	0.0001	0.000131	0.00046	0.0278	0.00000328	1.71	0.00141	2.39	0.0249	0.000695	1.37	0.0025	0.0031	0.000114	0.000203	0.0000779	0.0547	0.00000604	0.00012	0.000483	0.00196
2031 Nov	59	0.0681	0.206	0.0068	12.3	0.0446	8.73	0.00000597	0.00626	0.0015	0.00628	0.0156	0.0000183	9.06	0.00000405	0.0001	0.000134	0.000469	0.0279	0.00000328	1.72	0.00142	2.4	0.025	0.000698	1.38	0.00251	0.00309	0.000157	0.000206	0.0000781	0.0551	0.00000604	0.000121	0.000483	0.00202
2031 Dec	58.9	0.068	0.206	0.00679	12.3	0.0446	8.72	0.00000597	0.00625	0.0015	0.00628	0.0156	0.0000183	9.05	0.00000405	0.0001	0.000133	0.000469	0.0278	0.00000328	1.72	0.00141	2.4	0.025	0.000697	1.37	0.00251	0.00309	0.000157	0.000206	0.000078	0.0551	0.00000604	0.00012	0.000483	0.00201
2032 Jan	58.9	0.068	0.206	0.00679	12.3	0.0445	8.72	0.00000597	0.00625	0.0015	0.00627	0.0156	0.0000183	9.05	0.00000404	0.0001	0.000133	0.000469	0.0278	0.00000328	1.72	0.00141	2.4	0.025	0.000697	1.37	0.00251	0.00309	0.000157	0.000206	0.000078	0.055	0.00000604	0.00012	0.000482	0.00201
2032 Feb	58.9	0.068	0.206	0.00678	12.3	0.0445	8.72	0.00000597	0.00625	0.0015	0.00627	0.0156	0.0000183	9.04	0.00000404	0.0001	0.000133	0.000468	0.0278	0.00000328	1.72	0.00141	2.4	0.025	0.000697	1.37	0.00251	0.00308	0.000157	0.000206	0.000078	0.055	0.00000604	0.00012	0.000482	0.00201
2032 Mar	58.9	0.0679	0.206	0.00678	12.3	0.0445	8.72	0.00000597	0.00625	0.0015	0.00627	0.0156	0.0000183	9.04	0.00000404	0.0001	0.000133	0.000468	0.0278	0.00000328	1.72	0.00141	2.4	0.025	0.000696	1.37	0.00251	0.00308	0.000157	0.000206	0.000078	0.055	0.00000604	0.00012	0.000482	0.00201
2032 Apr	58.9	0.068	0.206	0.00679	12.3	0.0446	8.72	0.00000598	0.00625	0.0015	0.00628	0.0156	0.0000183	9.05	0.00000405	0.0001	0.000133	0.000469	0.0278	0.00000328	1.72	0.00141	2.4	0.025	0.000697	1.37	0.00251	0.00311	0.000157	0.000206	0.000078	0.0551	0.00000605	0.00012	0.000483	0.00202
2032 May	59.1	0.068	0.206	0.00678	12.3	0.0448	8.75	0.00000602	0.00626	0.0015	0.00632	0.0156	0.0000184	9.07	0.00000407	0.000101	0.000134	0.000471	0.0278	0.0000033	1.72	0.00142	2.41	0.025	0.000696	1.38	0.00251	0.00316	0.000157	0.000206	0.0000782	0.0551	0.00000609	0.00012	0.000485	0.00203
2032 Jun	63.8	0.07	0.214	0.00681	13.3	0.0474	9.2	0.00000593	0.00516	0.0015	0.00623	0.0171	0.0000181	9.65	0.00000352	0.0001	0.000135	0.000456	0.026	0.00000325	1.86	0.00146	2.6	0.0254	0.000705	1.5	0.00258	0.00346	0.0000678	0.000202	0.0000792	0.0588	0.000006	0.000122	0.000476	0.00188
2032 Jul	62.9	0.0666	0.204	0.00646	13.1	0.0473	8.99	0.00000594	0.00497	0.00143	0.00622	0.017	0.0000177	9.5	0.00000342	0.0000978	0.000135	0.000446	0.0251	0.00000324	1.85	0.00142	2.58	0.0242	0.000668	1.49	0.00249	0.00345	0.0000512	0.000194	0.0000769	0.0577	0.000006	0.000116	0.000465	0.00185
2032 Aug	57.3	0.0583	0.179	0.00571	12	0.0445	8.18	0.00000588	0.00507	0.00128	0.00612	0.0156	0.0000168	8.7	0.00000333	0.0000923	0.000127	0.000424	0.024	0.00000317	1.69	0.00132	2.37	0.0215	0.000588	1.38	0.00225	0.00313	0.0000478	0.000176	0.0000707	0.0524	0.00000593	0.000104	0.000441	0.00183
2032 Sep	57.9	0.0603	0.19	0.00599	12	0.0431	8.21	0.00000586	0.00557	0.00131	0.00612	0.0153	0.000017	8.75	0.00000332	0.0000939	0.000122	0.000432	0.0261	0.00000317	1.68	0.00137	2.33	0.0228	0.000621	1.35	0.00224	0.00303	0.0000439	0.000182	0.0000742	0.0533	0.00000592	0.000109	0.000446	0.00182
2032 Oct	59.3	0.0618	0.198	0.00617	12.3	0.0436	8.39	0.00000586	0.00595	0.00135	0.00613	0.0155	0.0000172	8.93	0.00000374	0.0000952	0.000126	0.000451	0.0267	0.00000318	1.71	0.0014	2.36	0.0236	0.000642	1.37	0.00228	0.00301	0.000115	0.00019	0.0000763	0.0547	0.00000592	0.000113	0.00045	0.00192
2032 Nov	59.7	0.0617	0.199	0.0062	12.4	0.044	8.44	0.00000586	0.00613	0.00135	0.00612	0.0155	0.0000172	8.98	0.00000398	0.0000953	0.000129	0.00046	0.0267	0.00000318	1.72	0.00141	2.37	0.0238	0.000645	1.37	0.00229	0.003	0.000158	0.000192	0.0000765	0.0551	0.00000592	0.000113	0.00045	0.00198
2032 Dec	59.6	0.0617	0.199	0.00619	12.4	0.044	8.43	0.00000586	0.00612	0.00135	0.00612	0.0155	0.0000172	8.98	0.00000398	0.0000952	0.000129	0.000459	0.0267	0.00000318	1.72	0.00141	2.37	0.0237	0.000644	1.37	0.00229	0.003	0.000158	0.000192	0.0000764	0.0551	0.00000592	0.000113	0.00045	0.00198
2033 Jan	59.6	0.0616	0.199	0.00618	12.4	0.044	8.42	0.00000586	0.00612	0.00135	0.00612	0.0155	0.0000171	8.97	0.00000398	0.0000952	0.000128	0.000459	0.0266	0.00000318	1.72	0.00141	2.37	0.0237	0.000643	1.37	0.00229	0.003	0.000158	0.000192	0.0000764	0.055	0.00000592	0.000113	0.00045	0.00198
2033 Feb	59.6	0.0616	0.199	0.00618	12.4	0.0439	8.42	0.00000586	0.00612	0.00135	0.00612	0.0155	0.0000171	8.97	0.00000398	0.0000952	0.000128	0.000459	0.0266	0.00000318	1.72	0.00141	2.37	0.0237	0.000643	1.37	0.00229	0.003	0.000158	0.000192	0.0000764	0.055	0.00000592	0.000113	0.00045	0.00198
2033 Mar	59.6	0.0616	0.199	0.00618	12.4	0.0439	8.42	0.00000586	0.00612	0.00135	0.00612	0.0155	0.0000171	8.97	0.00000398	0.0000952	0.000128	0.000459	0.0266	0.00000318	1.72	0.00141	2.37	0.0237	0.000643	1.37	0.00229	0.003	0.000158	0.000192	0.0000764	0.055	0.00000592	0.000113	0.00045	0.00198
2033 Apr	59.6	0.0616	0.199	0.00618	12.4	0.044	8.42	0.00000587	0.00612	0.00135	0.00613	0.0155	0.0000172	8.97	0.00000398	0.0000952	0.000128	0.000459	0.0266	0.00000318	1.72	0.00141	2.37	0.0237	0.000643	1.37	0.00229	0.00304	0.000158	0.000192	0.0000764	0.055	0.00000593	0.000113	0.00045	0.00198
2033 May	59.7	0.0615	0.198	0.00617	12.4	0.0442	8.44	0.00000591	0.00612	0.00135	0.00617	0.0155	0.0000172	8.98	0.000004	0.0000955	0.000129	0.000461	0.0266	0.0000032	1.72	0.00141	2.38	0.0237	0.000641	1.37	0.00229	0.00309	0.000158	0.000192	0.0000765	0.055	0.00000597	0.000113	0.000452	0.00199
2033 Jun	64.4	0.0637	0.207	0.00621	13.4	0.0468	8.91	0.00000582	0.005	0.00135	0.00608	0.017	0.0000169	9.57	0.00000344	0.0000949	0.000129	0.000446	0.0247	0.00000315	1.86	0.00145	2.57	0.0241	0.000651	1.49	0.00237	0.00338	0.0000658	0.000188	0.0000776	0.0587	0.00000588	0.000114	0.000444	0.00184
2033 Jul	63.4	0.0606	0.197	0.00588	13.2	0.0468	8.7	0.00000583	0.00482	0.00129	0.00607	0.0169	0.0000166	9.42	0.00000334	0.0000929	0.00013	0.000436	0.0239	0.00000314	1.84	0.00142	2.55	0.023	0.000616	1.48	0.00229	0.00337	0.0000499	0.000181	0.0000752	0.0575	0.00000589	0.000109	0.000434	0.00181
2033 Aug	57.6	0.0529	0.172	0.00518	12	0.0441	7.91	0.00000579	0.00492	0.00115	0.006	0.0156	0.0000159	8.61	0.00000326	0.000088	0.000122	0.000415	0.0229	0.00000309	1.69	0.0013	2.35	0.0203	0.00054	1.37	0.00206	0.00305	0.0000468	0.000164	0.000069	0.0521	0.00000584	0.0000973	0.000413	0.00179
2033 Sep	58	0.0544	0.182	0.00542	12.1	0.0425	7.91	0.00000577	0.00541	0.00118	0.00598	0.0152	0.000016	8.63	0.00000325	0.0000893	0.000117	0.000421	0.0248	0.00000309	1.67	0.00135	2.29	0.0215	0.000569	1.34	0.00204	0.00295	0.0000428	0.000169	0.0000722	0.0529	0.00000582	0.000102	0.000417	0.00178
2033 Oct	59.5	0.0558	0.19	0.0056	12.4	0.0431	8.09	0.00000577	0.0058	0.0012	0.00599	0.0154	0.0000161	8.82	0.00000367	0.0000904	0.000122	0.000441	0.0255	0.0000031	1.71	0.00139	2.33	0.0223	0.000589	1.36	0.00207	0.00293	0.000115	0.000177	0.0000744	0.0544	0.00000582	0.000105	0.000421	0.00188
2033 Nov	60	0.0558	0.191	0.00562	12.5	0.0434	8.14	0.00000577	0.00598	0.00121	0.00599	0.0154	0.0000161	8.87	0.00000392	0.0000906	0.000124	0.00045	0.0255	0.00000309	1.72	0.0014	2.34	0.0225	0.000593	1.36	0.00209	0.00291	0.000159	0.000179	0.0000747	0.0548	0.00000582	0.000106	0.000421	0.00194
2033 Dec	59.9	0.0557	0.191	0.00561	12.5	0.0434	8.13	0.00000576	0.00597	0.00121	0.00599	0.0154	0.0000161	8.87	0.00000392	0.0000905	0.000124	0.000449	0.0254	0.00000309	1.71	0.0014	2.34	0.0224	0.000592	1.36	0.00209	0.00291	0.000158	0.000179	0.0000746	0.0547	0.00000582	0.000106	0.000421	0.00194
2034 Jan	59.9	0.0557	0.191	0.00561	12.4	0.0434	8.13	0.00000576	0.00597	0.00121	0.00599	0.0154	0.0000161	8.86	0.00000392	0.0000905	0.000124	0.000449	0.0254	0.00000309	1.71	0.0014	2.34	0.0224	0.000591	1.36	0.00209	0.00291	0.000158	0.000179	0.0000745	0.0547	0.00000581	0.000106	0.000421	0.00194
2034 Feb	59.9	0.0557	0.191	0.00561	12.4	0.0434	8.13	0.00000576	0.00597	0.00121	0.00599	0.0154	0.0000161	8.86	0.00000392	0.0000905	0.000124	0.000449	0.0254	0.00000309	1.71	0.0014	2.34	0.0224	0.000591	1.36	0.00208	0.00291	0.000158	0.000179	0.0000745	0.0547	0.00000581	0.000106	0.00042	0.00194
2034 Mar	59.9	0.0557	0.191	0.00561	12.4	0.0434	8.13	0.00000576	0.00597	0.00121	0.00599	0.0154	0.0000161	8.86	0.00000392	0.0000905	0.000124	0.000449	0.0254	0.00000309	1.71	0.0014	2.34	0.0224	0.000591	1.36	0.00208	0.00291	0.000158	0.000179	0.0000745	0.0547	0.00000581	0.000106	0.00042	0.00194
2034 Apr	59.9	0.0557	0.19	0.00561	12.4	0.0434	8.13	0.00000577	0.00597	0.00121	0.006	0.0154	0.0000161	8.86	0.00000392	0.0000905	0.000124	0.00045	0.0254	0.0000031	1.71	0.0014	2.34	0.0224	0.000591	1.36	0.00208	0.00295	0.000158	0.000179	0.0000745	0.0547	0.00000582	0.000106	0.000421	0.00195
2034 May	60	0.0556	0.19	0.0056	12.4	0.0437	8.15	0.00000581	0.00597	0.00121	0.00603	0.0154	0.0000162	8.88	0.00000394	0.0000909	0.000124	0.000451	0.0254	0.00000312	1.72	0.0014	2.35	0.0223	0.00059	1.37	0.00209	0.003	0.000158	0.000179	0.0000746	0.0547	0.00000586	0.000106	0.000422	0.00196
2034 Jun	64.8	0.0581	0.199	0.00567	13.4	0.0463	8.64	0.00000573	0.00486	0.00122	0.00594	0.017	0.0000159	9.48	0.00000338	0.0000905	0.000125	0.000437	0.0236	0.00000307	1.86	0.00144	2.54	0.0229	0.000603	1.49	0.00217	0.0033	0.0000647	0.000176	0.0000759	0.0585	0.00000578	0.000108	0.000416	0.0018
2034 Jul	63.8	0.0555	0.191	0.0054	13.3	0.0462	8.46	0.00000575	0.00471	0.00117	0.00595	0.0169	0.0000157	9.34	0.00000328	0.0000889	0.000126	0.000428	0.023	0.00000307	1.84	0.00141	2.52	0.0219	0.000573	1.48	0.00211	0.00329	0.000049	0.000169	0.0000739	0.0574	0.00000579	0.000103	0.000408	0.00178
2034 Aug	58.1	0.0485	0.167	0.00477	12.1	0.0436	7.7	0.00000571	0.00485	0.00104	0.00589	0.0155	0.0000151	8.55	0.00000321	0.0000845	0.000119	0.000408	0.0221	0.00000302	1.69	0.0013	2.32	0.0194	0.000504	1.36	0.00191	0.00299	0.0000458	0.000155	0.000068	0.0521	0.00000575	0.0000924	0.000391	0.00176
2034 Sep	58.5	0.05	0.177	0.005	12.2	0.0421	7.7	0.00000569	0.00533	0.00107	0.00587	0.0152	0.0000152	8.58	0.00000319	0.0000857	0.000114	0.000415	0.0241	0.00000302	1.68	0.00135	2.27	0.0206	0.000532	1.34	0.00188	0.00288	0.0000419	0.00016	0.0000712	0.0529	0.00000573	0.0000971	0.000394	0.00175
2034 Oct	60	0.0511	0.184	0.00515	12.4	0.0426	7.87	0.00000569	0.0057	0.00109	0.00588	0.0153	0.0000153	8.76	0.00000361	0.0000867	0.000118	0.000433	0.0246	0.00000302	1.7	0.00139	2.3	0.0214	0.00055	1.35	0.00191	0.00286	0.000113	0.000167	0.0000732	0.0543	0.00000573	0.0001	0.000397	0.00185
2034 Nov	60.4	0.0511	0.185	0.00517	12.5	0.0429	7.91	0.00000569	0.00588	0.0011	0.00587	0.0153	0.0000153	8.81	0.00000386	0.0000868	0.00012	0.000442	0.0246	0.00000302	1.72	0.00139	2.32	0.0215	0.000553	1.36	0.00192	0.00284	0.000156	0.000169	0.0000734	0.0547	0.00000573	0.0001	0.000397	0.00191
2034 Dec	60.3	0.051	0.185	0.00516	12.5	0.0429	7.9	0.00000568	0.00587	0.00109	0.00587	0.0153	0.0000153	8.8	0.00000385	0.0000868	0.00012	0.000442	0.0246	0.00000302	1.71	0.00139	2.32	0.0215	0.000552	1.35	0.00192	0.00284	0.000156	0.000169	0.0000733	0.0546	0.00000573	0.0001	0.000397	0.00191
2035 Jan	60.3	0.051	0.185	0.00516	12.5	0.0429	7.9	0.00000568	0.00587	0.00109	0.00587	0.0153	0.0000152	8.79	0.00000385	0.0000867	0.00012	0.000441	0.0246	0.00000302	1.71	0.00139	2.31	0.0215	0.000551	1.35	0.00192	0.00284	0.000156	0.000169	0.0000733	0.0546	0.00000573	0.0001	0.000396	0.00191
2035 Feb	60.3	0.051	0.185	0.00516	12.5	0.0429	7.9	0.00000568	0.00587	0.00109	0.00587	0.0153	0.0000152	8.79	0.00000385	0.0000867	0.00012	0.000441	0.0246	0.00000302	1.71	0.00139	2.31	0.0214	0.000551	1.35	0.00192	0.00284	0.000156	0.000169	0.0000733	0.0546	0.00000573	0.0001	0.000396	0.00191
2035 Mar	60.3	0.051	0.185	0.00516	12.5	0.0429	7.9	0.00000568	0.00587	0.00109	0.00587	0.0153	0.0000152	8.79	0.00000385	0.0000867	0.00012	0.000441	0.0245	0.00000302	1.71	0.00139	2.31	0.0214	0.000551	1.35	0.00192	0.00284	0.000156	0.000169	0.0000733	0.0546	0.00000573	0.0001	0.000396	0.00191
2035 Apr	60.3	0.0509	0.185	0.00516	12.5	0.0429	7.9	0.00000569	0.00587	0.00109	0.00588	0.0153	0.0000153	8.79	0.00000386	0.0000868	0.00012	0.000442	0.0245	0.00000303	1.71	0.00139	2.32	0.0214	0.000551	1.35	0.00192	0.00288	0.000156	0.000169	0.0000733	0.0546	0.00000574	0.0001	0.000397	0.00191
2035 May	60.4	0.0509	0.184	0.00515	12.5	0.0432	7.92	0.00000573	0.00587	0.00109	0.00592	0.0154	0.0000153	8.81	0.00000387	0.0000871	0.00012	0.000443	0.0245	0.00000304	1.72	0.00139	2.32	0.0214	0.00055	1.36	0.00192	0.00294	0.000155	0.000169	0.0000734	0.0546	0.00000578	0.0001	0.000398	0.00192
2035 Jun	65.2	0.0534	0.194	0.00522	13.5	0.0458	8.41	0.00000565	0.00474	0.0011	0.00583	0.0169	0.0000151	9.4	0.00000331	0.0000867	0.000121	0.000429	0.0227	0.000003	1.86	0.00144	2.52	0.0219	0.000562	1.48	0.00201	0.00323	0.0000626	0.000166	0.0000746	0.0584	0.00000569	0.000102	0.000392	0.00177
2035 Jul	63.9	0.0507	0.184	0.00494	13.3	0.0457	8.21	0.00000568	0.00459	0.00105	0.00585	0.0167	0.0000149	9.23	0.00000323	0.0000852	0.000122	0.00042	0.022	0.000003	1.83	0.0014	2.49	0.0208	0.000531	1.47	0.00195	0.00322	0.0000482	0.000159	0.0000722	0.057	0.00000571	0.0000972	0.000385	0.00175
2035 Aug	58	0.0443	0.16	0.00437	12.1	0.0431	7.48	0.00000565	0.00474	0.000946	0.0058	0.0154	0.0000143	8.45	0.00000316	0.0000812	0.000116	0.000401	0.0213	0.00000296	1.68	0.00129	2.29	0.0184	0.000467	1.36	0.00176	0.00292	0.0000451	0.000146	0.0000665	0.0517	0.00000568	0.0000872	0.000371	0.00174
2035 Sep	58.6	0.0457	0.171	0.00458	12.1	0.0416	7.48	0.00000562	0.00522	0.000966	0.00578	0.0151	0.0000144	8.48	0.00000314	0.0000824	0.00011	0.000407	0.0232	0.00000296	1.67	0.00134	2.24	0.0196	0.000494	1.33	0.00173	0.00281	0.0000411	0.00015	0.0000697	0.0525	0.00000566	0.0000918	0.000373	0.00173
2035 Oct	60.1	0.0468	0.178	0.00474	12.5	0.0422	7.65	0.00000562	0.00561	0.000989	0.00578	0.0152	0.0000145	8.67	0.00000358	0.0000833	0.000115	0.000426	0.0237	0.00000296	1.7	0.00138	2.28	0.0204	0.000512	1.34	0.00177	0.00279	0.000116	0.000157	0.0000718	0.054	0.00000566	0.0000947	0.000376	0.00183
2035 Nov	60.6	0.0468	0.18	0.00476	12.6	0.0425	7.7	0.00000562	0.00579	0.000994	0.00578	0.0152	0.0000145	8.73	0.00000383	0.0000835	0.000117	0.000436	0.0237	0.00000296	1.71	0.00138	2.29	0.0206	0.000515	1.35	0.00178	0.00278	0.00016	0.00016	0.000072	0.0545	0.00000565	0.0000953	0.000376	0.00189
2035 Dec	60.5	0.0467	0.179	0.00475	12.6	0.0425	7.69	0.00000562	0.00578	0.000993	0.00577	0.0152	0.0000145	8.72	0.00000383	0.0000834	0.000117	0.000435	0.0237	0.00000296	1.71	0.00138	2.29	0.0205	0.000514	1.35	0.00178	0.00278	0.00016	0.00016	0.000072	0.0544	0.00000565	0.0000952	0.000375	0.00189
2036 Jan	60.5	0.0467	0.179	0.00475	12.6	0.0425	7.69	0.00000562	0.00578	0.000992	0.00577	0.0152	0.0000145	8.72	0.00000383	0.0000834	0.000117	0.000435	0.0237	0.00000296	1.71	0.00138	2.29	0.0205	0.000514	1.35	0.00178	0.00278	0.00016	0.00016	0.0000719	0.0544	0.00000565	0.0000951	0.000375	0.00189
2036 Feb	60.5	0.0467	0.179	0.00475	12.6	0.0425	7.69	0.00000562	0.00578	0.000992	0.00577	0.0152	0.0000145	8.71	0.00000383	0.0000834	0.000117	0.000435	0.0237	0.00000296	1.71	0.00138	2.29	0.0205	0.000514	1.35	0.00178	0.00278	0.00016	0.00016	0.0000719	0.0544	0.00000565	0.0000951	0.000375	0.00189
2036 Mar	60.5	0.0467	0.179	0.00475	12.6	0.0425	7.69	0.00000562	0.00578	0.000992	0.00577	0.0152	0.0000145	8.71	0.00000383	0.0000834	0.000117	0.000435	0.0237	0.00000296	1.71	0.00138	2.29	0.0205	0.000514	1.35	0.00178	0.00278	0.00016	0.00016	0.0000719	0.0544	0.00000565	0.000095	0.000375	0.00189
2036 Apr	60.5	0.0467	0.179	0.00475	12.5	0.0426	7.69	0.00000563	0.00578	0.000992	0.00578	0.0152	0.0000145	8.71	0.00000383	0.0000834	0.000117	0.000435	0.0237	0.00000296	1.71	0.00138	2.29	0.0205	0.000514	1.35	0.00178	0.00282	0.00016	0.00016	0.0000719	0.0543	0.00000566	0.000095	0.000376	0.00189
2036 May	60.6	0.0466	0.178	0.00474	12.5	0.0428	7.71	0.00000567	0.00578	0.000991	0.00582	0.0153	0.0000146	8.73	0.00000385	0.0000838	0.000117	0.000437	0.0237	0.00000298	1.71	0.00138	2.3	0.0204	0.000512	1.35	0.00178	0.00287	0.000159	0.00016	0.000072	0.0544	0.0000057	0.0000949	0.000377	0.0019
2036 Jun	65.5	0.0493	0.188	0.00483	13.6	0.0454	8.21	0.00000558	0.00465	0.00101	0.00574	0.0168	0.0000144	9.34	0.00000327	0.0000835	0.000118	0.000422	0.0219	0.00000294	1.86	0.00143	2.5	0.021	0.000527	1.48	0.00187	0.00318	0.0000627	0.000157	0.0000734	0.0582	0.00000562	0.0000972	0.000371	0.00174
2036 Jul	64.1	0.047	0.179	0.00458	13.3	0.0453	8.02	0.00000561	0.00452	0.000963	0.00576	0.0167	0.0000142	9.17	0.00000319	0.0000822	0.000119	0.000414	0.0213	0.00000294	1.83	0.00139	2.47	0.02	0.000499	1.46	0.00182	0.00316	0.0000478	0.000151	0.0000712	0.0568	0.00000565	0.0000928	0.000366	0.00173
2036 Aug	58.4	0.0412	0.157	0.00407	12.1	0.0428	7.34	0.0000056	0.00466	0.00087	0.00572	0.0153	0.0000138	8.41	0.00000313	0.0000787	0.000113	0.000396	0.0206	0.00000292	1.68	0.00129	2.28	0.0178	0.00044	1.35	0.00166	0.00288	0.0000449	0.000139	0.0000657	0.0516	0.00000563	0.0000835	0.000355	0.00172
2036 Sep	59	0.0425	0.167	0.00428	12.2	0.0413	7.33	0.00000557	0.00515	0.000888	0.0057	0.015	0.0000138	8.45	0.00000311	0.0000798	0.000108	0.000402	0.0226	0.00000291	1.67	0.00134	2.23	0.019	0.000467	1.33	0.00162	0.00277	0.0000407	0.000143	0.000069	0.0525	0.0000056	0.0000881	0.000356	0.00171
2036 Oct	60.5	0.0435	0.174	0.00442	12.5	0.0419	7.5	0.00000556	0.00553	0.000909	0.0057	0.0152	0.0000139	8.64	0.00000354	0.0000807	0.000112	0.000421	0.0231	0.00000291	1.7	0.00137	2.27	0.0198	0.000484	1.34	0.00165	0.00275	0.000115	0.00015	0.000071	0.0541	0.00000559	0.000091	0.000358	0.00181
2036 Nov	61	0.0435	0.176	0.00444	12.7	0.0422	7.55	0.00000556	0.00571	0.000913	0.00569	0.0152	0.0000139	8.69	0.0000038	0.0000808	0.000115	0.000431	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000487	1.35	0.00166	0.00273	0.00016	0.000153	0.0000713	0.0545	0.00000559	0.0000915	0.000358	0.00187
2036 Dec	60.9	0.0434	0.176	0.00444	12.6	0.0422	7.54	0.00000556	0.00571	0.000912	0.00569	0.0152	0.0000139	8.68	0.00000379	0.0000807	0.000114	0.00043	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000487	1.35	0.00166	0.00273	0.00016	0.000153	0.0000712	0.0544	0.00000559	0.0000913	0.000358	0.00187
2037 Jan	60.9	0.0434	0.176	0.00444	12.6	0.0422	7.54	0.00000556	0.00571	0.000912	0.00569	0.0152	0.0000139	8.68	0.00000379	0.0000807	0.000114	0.00043	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000486	1.35	0.00166	0.00273	0.00016	0.000153	0.0000712	0.0544	0.00000559	0.0000913	0.000358	0.00187
2037 Feb	60.9	0.0434	0.176	0.00444	12.6	0.0422	7.54	0.00000556	0.00571	0.000912	0.00569	0.0152	0.0000139	8.68	0.00000379	0.0000807	0.000114	0.00043	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000486	1.35	0.00166	0.00273	0.00016	0.000153	0.0000712	0.0544	0.00000559	0.0000913	0.000358	0.00187
2037 Mar	60.9	0.0434	0.176	0.00444	12.6	0.0422	7.54	0.00000556	0.00571	0.000912	0.00569	0.0152	0.0000139	8.68	0.00000379	0.0000807	0.000114	0.00043	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000486	1.35	0.00166	0.00273	0.00016	0.000153	0.0000712	0.0544	0.00000559	0.0000913	0.000358	0.00187
2037 Apr	60.9	0.0434	0.175	0.00443	12.6	0.0423	7.54	0.00000557	0.00571	0.000912	0.0057	0.0152	0.0000139	8.68	0.0000038	0.0000808	0.000114	0.000431	0.0231	0.00000291	1.71	0.00138	2.28	0.0199	0.000486	1.35	0.00166	0.00277	0.00016	0.000153	0.0000712	0.0544	0.0000056	0.0000913	0.000359	0.00187
2037 May	61	0.0434	0.175	0.00443	12.6	0.0425	7.56	0.00000561	0.00571	0.000912	0.00574	0.0152	0.000014	8.7	0.00000381	0.0000811	0.000115	0.000432	0.0231	0.00000293	1.72	0.00138	2.29	0.0198	0.000485	1.35	0.00167	0.00283	0.000159	0.000153	0.0000713	0.0544	0.00000564	0.0000912	0.00036	0.00188
2037 Jun	65.7	0.046	0.184	0.00451	13.6	0.0451	8.05	0.00000552	0.00457	0.000925	0.00566	0.0168	0.0000137	9.29	0.00000323	0.0000809	0.000116	0.000417	0.0212	0.00000289	1.86	0.00143	2.48	0.0203	0.000498	1.47	0.00175	0.00313	0.0000624	0.00015	0.0000725	0.0581	0.00000555	0.0000932	0.000354	0.00172
2037 Jul	64.4	0.0439	0.175	0.00428	13.4	0.0451	7.88	0.00000556	0.00443	0.000889	0.00568	0.0166	0.0000136	9.13	0.00000315	0.0000797	0.000117	0.000409	0.0206	0.0000029	1.83	0.00139	2.46	0.0194	0.000472	1.46	0.00171	0.00312	0.0000473	0.000144	0.0000703	0.0568	0.00000559	0.0000891	0.000351	0.00171
2037 Aug	58.5	0.0384	0.153	0.0038	12.2	0.0425	7.2	0.00000555	0.0046	0.000803	0.00565	0.0153	0.0000133	8.36	0.00000309	0.0000765	0.000111	0.000392	0.0201	0.00000287	1.68	0.00128	2.26	0.0172	0.000416	1.35	0.00156	0.00284	0.0000443	0.000133	0.0000649	0.0515	0.00000557	0.0000802	0.000341	0.0017
2037 Sep	59.1	0.0395	0.163	0.00399	12.2	0.041	7.19	0.00000552	0.00508	0.000818	0.00563	0.015	0.0000133	8.39	0.00000307	0.0000775	0.000106	0.000397	0.022	0.00000286	1.67	0.00133	2.21	0.0184	0.000441	1.32	0.00152	0.00273	0.0000401	0.000137	0.000068	0.0524	0.00000554	0.0000845	0.000342	0.00169
2037 Oct	60.6	0.0405	0.17	0.00413	12.6	0.0416	7.35	0.00000551	0.00546	0.000836	0.00563	0.0151	0.0000134	8.58	0.0000035	0.0000783	0.00011	0.000416	0.0225	0.00000286	1.7	0.00137	2.25	0.0191	0.000458	1.34	0.00154	0.0027	0.000115	0.000143	0.00007	0.0539	0.00000554	0.0000872	0.000343	0.00179
2037 Nov	61.1	0.0404	0.172	0.00415	12.7	0.0419	7.39	0.00000551	0.00564	0.00084	0.00562	0.0151	0.0000134	8.63	0.00000376	0.0000784	0.000112	0.000425	0.0225	0.00000286	1.71	0.00137	2.26	0.0192	0.00046	1.34	0.00156	0.00269	0.000159	0.000146	0.0000703	0.0543	0.00000554	0.0000877	0.000343	0.00185
2037 Dec	61	0.0404	0.171	0.00414	12.7	0.0419	7.39	0.00000551	0.00563	0.000839	0.00562	0.0151	0.0000134	8.62	0.00000376	0.0000783	0.000112	0.000425	0.0225	0.00000286	1.71	0.00137	2.26	0.0192	0.00046	1.34	0.00156	0.00269	0.000159	0.000146	0.0000702	0.0542	0.00000553	0.0000876	0.000343	0.00185
2038 Jan	61	0.0403	0.171	0.00414	12.6	0.0419	7.38	0.00000551	0.00563	0.000839	0.00562	0.0151	0.0000134	8.62	0.00000376	0.0000783	0.000112	0.000425	0.0225	0.00000286	1.71	0.00137	2.26	0.0192	0.000459	1.34	0.00156	0.00268	0.000159	0.000146	0.0000702	0.0542	0.00000553	0.0000875	0.000343	0.00185
2038 Feb	61	0.0403	0.171	0.00414	12.6	0.0419	7.38	0.00000551	0.00563	0.000839	0.00562	0.0151	0.0000134	8.62	0.00000375	0.0000783	0.000112	0.000425	0.0224	0.00000286	1.71	0.00137	2.26	0.0192	0.000459	1.34	0.00156	0.00268	0.000159	0.000146	0.0000701	0.0542	0.00000553	0.0000875	0.000343	0.00185
2038 Mar	61	0.0403	0.171	0.00414	12.6	0.0419	7.38	0.00000551	0.00563	0.000839	0.00562	0.0151	0.0000134	8.62	0.00000375	0.0000783	0.000112	0.000425	0.0224	0.00000286	1.71	0.00137	2.26	0.0192	0.000459	1.34	0.00156	0.00268	0.000159	0.000146	0.0000701	0.0542	0.00000553	0.0000875	0.000343	0.00185
2038 Apr	61	0.0403	0.171	0.00414	12.6	0.0419	7.38	0.00000552	0.00563	0.000838	0.00563	0.0151	0.0000134	8.62	0.00000376	0.0000784	0.000112	0.000425	0.0224	0.00000287	1.71	0.00137	2.26	0.0191	0.000459	1.34	0.00156	0.00273	0.000159	0.000146	0.0000702	0.0542	0.00000554	0.0000875	0.000343	0.00185
2038 May	61	0.0403	0.17	0.00413	12.6	0.0422	7.4	0.00000556	0.00563	0.000838	0.00567	0.0152	0.0000134	8.63	0.00000377	0.0000787	0.000112	0.000427	0.0224	0.00000289	1.71	0.00137	2.27	0.0191	0.000458	1.35	0.00156	0.00279	0.000158	0.000146	0.0000702	0.0542	0.00000558	0.0000874	0.000345	0.00186
2038 Jun	65.9	0.0431	0.18	0.00423	13.6	0.0448	7.91	0.00000548	0.00449	0.000855	0.00559	0.0167	0.0000132	9.24	0.00000319	0.0000785	0.000113	0.000412	0.0206	0.00000284	1.86	0.00142	2.46	0.0197	0.000473	1.47	0.00165	0.00308	0.0000609	0.000143	0.0000716	0.058	0.0000055	0.0000897	0.00034	0.0017
2038 Jul	64.4	0.0411	0.171	0.00401	13.4	0.0448	7.73	0.00000552	0.00437	0.000823	0.00562	0.0166	0.0000132	9.07	0.00000312	0.0000776	0.000115	0.000404	0.0201	0.00000286	1.83	0.00138	2.44	0.0188	0.000448	1.45	0.00162	0.00307	0.000047	0.000138	0.0000694	0.0566	0.00000554	0.0000857	0.000337	0.0017
2038 Aug	58.7	0.0361	0.149	0.00357	12.2	0.0424	7.09	0.00000552	0.00452	0.000746	0.00561	0.0153	0.0000129	8.32	0.00000307	0.0000747	0.000109	0.000388	0.0195	0.00000285	1.68	0.00127	2.26	0.0166	0.000394	1.35	0.00148	0.00281	0.0000444	0.000127	0.0000641	0.0514	0.00000554	0.0000771	0.000329	0.00169
2038 Sep	58.8	0.0368	0.158	0.00372	12.2	0.0407	7.03	0.00000548	0.00498	0.000753	0.00557	0.0149	0.0000129	8.3	0.00000304	0.0000753	0.000103	0.000392	0.0213	0.00000283	1.66	0.00132	2.19	0.0176	0.000415	1.31	0.00143	0.00268	0.00004	0.000131	0.0000668	0.0518	0.0000055	0.0000807	0.000329	0.00167
2038 Oct	60.5	0.0377	0.165	0.00386	12.5	0.0413	7.2	0.00000548	0.00538	0.000773	0.00557	0.015	0.0000129	8.5	0.00000348	0.0000761	0.000108	0.000411	0.0219	0.00000283	1.69	0.00136	2.23	0.0184	0.000432	1.33	0.00145	0.00266	0.000116	0.000137	0.000069	0.0535	0.0000055	0.0000836	0.00033	0.00178
2038 Nov	61	0.0377	0.167	0.00389	12.7	0.0417	7.26	0.00000547	0.00556	0.000778	0.00557	0.0151	0.0000129	8.57	0.00000374	0.0000763	0.00011	0.000421	0.0219	0.00000283	1.7	0.00136	2.25	0.0186	0.000436	1.34	0.00147	0.00265	0.000162	0.00014	0.0000693	0.054	0.00000549	0.0000843	0.00033	0.00184
2038 Dec	61	0.0377	0.167	0.00388	12.6	0.0417	7.25	0.00000547	0.00556	0.000777	0.00557	0.0151	0.0000129	8.56	0.00000374	0.0000762	0.00011	0.000421	0.0219	0.00000283	1.7	0.00136	2.24	0.0185	0.000435	1.34	0.00147	0.00265	0.000162	0.00014	0.0000692	0.0539	0.00000549	0.0000841	0.00033	0.00184
2039 Jan	60.9	0.0377	0.167	0.00388	12.6	0.0417	7.25	0.00000547	0.00556	0.000776	0.00557	0.0151	0.0000129	8.55	0.00000374	0.0000762	0.00011	0.00042	0.0218	0.00000283	1.7	0.00136	2.24	0.0185	0.000435	1.33	0.00147	0.00264	0.000162	0.00014	0.0000692	0.0539	0.00000549	0.0000841	0.00033	0.00184
2039 Feb	60.9	0.0376	0.167	0.00388	12.6	0.0417	7.24	0.00000547	0.00556	0.000776	0.00557	0.0151	0.0000129	8.55	0.00000374	0.0000762	0.00011	0.00042	0.0218	0.00000283	1.7	0.00136	2.24	0.0185	0.000435	1.33	0.00147	0.00264	0.000161	0.00014	0.0000691	0.0539	0.00000549	0.0000841	0.00033	0.00184
2039 Mar	60.9	0.0376	0.167	0.00388	12.6	0.0417	7.24	0.00000547	0.00556	0.000776	0.00557	0.0151	0.0000129	8.55	0.00000374	0.0000762	0.00011	0.00042	0.0218	0.00000283	1.7	0.00136	2.24	0.0185	0.000435	1.33	0.00147	0.00264	0.000161	0.00014	0.0000691	0.0539	0.00000549	0.0000841	0.00033	0.00184
2039 Apr	60.9	0.0376	0.167	0.00388	12.6	0.0417	7.25	0.00000548	0.00556	0.000776	0.00558	0.0151	0.0000129	8.55	0.00000375	0.0000763	0.00011	0.000421	0.0218	0.00000283	1.7	0.00136	2.24	0.0185	0.000435	1.34	0.00147	0.00269	0.000161	0.00014	0.0000692	0.0539	0.0000055	0.000084	0.000331	0.00184
2039 May	61	0.0376	0.166	0.00387	12.6	0.0419	7.27	0.00000552	0.00556	0.000776	0.00562	0.0151	0.000013	8.57	0.00000376	0.0000766	0.00011	0.000422	0.0218	0.00000285	1.71	0.00136	2.25	0.0184	0.000433	1.34	0.00147	0.00275	0.000161	0.00014	0.0000692	0.0539	0.00000554	0.0000839	0.000332	0.00185

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	66.1	0.0407	0.177	0.004	13.7	0.0446	7.8	0.00000544	0.00443	0.000798	0.00553	0.0167	0.0000128	9.21	0.00000317	0.0000767	0.000111	0.000408	0.0202	0.00000281	1.86	0.00142	2.45	0.0192	0.000452	1.47	0.00157	0.00305	0.0000608	0.000138	0.000071	0.058	0.00000546	0.0000869	0.000328	0.00169
2039 Jul	64.7	0.0389	0.169	0.00381	13.4	0.0445	7.63	0.00000548	0.00434	0.00077	0.00557	0.0165	0.0000128	9.04	0.00000309	0.0000758	0.000113	0.000401	0.0197	0.00000282	1.83	0.00138	2.43	0.0183	0.000429	1.45	0.00154	0.00304	0.0000466	0.000133	0.0000689	0.0566	0.0000055	0.0000832	0.000326	0.00168
2039 Aug	58.8	0.0341	0.147	0.00339	12.2	0.0422	7	0.00000549	0.00449	0.0007	0.00556	0.0152	0.0000125	8.3	0.00000305	0.0000732	0.000108	0.000385	0.0192	0.00000282	1.68	0.00127	2.25	0.0163	0.000378	1.35	0.00141	0.00278	0.000044	0.000123	0.0000636	0.0513	0.0000055	0.000075	0.000319	0.00168
2039 Sep	59.2	0.035	0.157	0.00355	12.3	0.0406	6.95	0.00000545	0.00496	0.000708	0.00553	0.0149	0.0000125	8.3	0.00000302	0.0000739	0.000102	0.000389	0.021	0.0000028	1.66	0.00132	2.19	0.0173	0.000401	1.31	0.00136	0.00266	0.0000396	0.000127	0.0000666	0.052	0.00000547	0.0000789	0.000319	0.00166
2039 Oct	60.9	0.0359	0.164	0.00368	12.6	0.0411	7.12	0.00000544	0.00536	0.000726	0.00552	0.015	0.0000125	8.5	0.00000347	0.0000746	0.000106	0.000409	0.0216	0.0000028	1.69	0.00136	2.22	0.0181	0.000417	1.33	0.00139	0.00263	0.000117	0.000134	0.0000687	0.0537	0.00000546	0.0000816	0.00032	0.00177
2039 Nov	61.4	0.0358	0.166	0.0037	12.7	0.0415	7.17	0.00000544	0.00554	0.00073	0.00552	0.0151	0.0000125	8.56	0.00000373	0.0000747	0.000109	0.000419	0.0216	0.0000028	1.71	0.00137	2.24	0.0182	0.00042	1.34	0.0014	0.00262	0.000164	0.000136	0.0000689	0.0541	0.00000545	0.0000822	0.00032	0.00183
2039 Dec	61.3	0.0357	0.165	0.0037	12.7	0.0415	7.16	0.00000544	0.00554	0.000729	0.00552	0.0151	0.0000125	8.55	0.00000373	0.0000747	0.000109	0.000418	0.0216	0.00000279	1.71	0.00136	2.24	0.0182	0.00042	1.33	0.0014	0.00262	0.000164	0.000136	0.0000689	0.0541	0.00000545	0.0000821	0.00032	0.00183
2040 Jan	61.3	0.0357	0.165	0.0037	12.7	0.0415	7.16	0.00000544	0.00554	0.000729	0.00552	0.015	0.0000125	8.54	0.00000373	0.0000747	0.000109	0.000418	0.0215	0.00000279	1.7	0.00136	2.24	0.0182	0.000419	1.33	0.0014	0.00261	0.000163	0.000136	0.0000688	0.054	0.00000545	0.000082	0.00032	0.00183
2040 Feb	61.3	0.0357	0.165	0.0037	12.7	0.0415	7.16	0.00000544	0.00554	0.000728	0.00552	0.015	0.0000125	8.54	0.00000373	0.0000747	0.000109	0.000418	0.0215	0.00000279	1.7	0.00136	2.24	0.0182	0.000419	1.33	0.0014	0.00261	0.000163	0.000136	0.0000688	0.054	0.00000545	0.000082	0.00032	0.00183
2040 Mar	61.3	0.0357	0.165	0.0037	12.7	0.0415	7.16	0.00000544	0.00554	0.000728	0.00552	0.015	0.0000125	8.54	0.00000373	0.0000747	0.000109	0.000418	0.0215	0.00000279	1.7	0.00136	2.24	0.0182	0.000419	1.33	0.0014	0.00261	0.000163	0.000136	0.0000688	0.054	0.00000545	0.000082	0.00032	0.00183
2040 Apr	61.3	0.0357	0.165	0.00369	12.7	0.0415	7.16	0.00000545	0.00554	0.000728	0.00553	0.0151	0.0000126	8.54	0.00000374	0.0000748	0.000109	0.000419	0.0215	0.0000028	1.71	0.00136	2.24	0.0182	0.000419	1.33	0.0014	0.00266	0.000163	0.000136	0.0000688	0.054	0.00000546	0.000082	0.00032	0.00183
2040 May	61.4	0.0357	0.165	0.00369	12.7	0.0418	7.18	0.00000549	0.00554	0.000729	0.00557	0.0151	0.0000126	8.56	0.00000375	0.0000751	0.000109	0.00042	0.0215	0.00000282	1.71	0.00137	2.24	0.0181	0.000418	1.34	0.0014	0.00272	0.000163	0.000136	0.0000689	0.054	0.00000551	0.0000819	0.000322	0.00184
2040 Jun	66.4	0.0387	0.175	0.00381	13.7	0.0444	7.71	0.0000054	0.00438	0.000749	0.00548	0.0167	0.0000124	9.19	0.00000314	0.0000751	0.00011	0.000405	0.0198	0.00000278	1.86	0.00142	2.45	0.0188	0.000435	1.47	0.0015	0.00303	0.0000603	0.000134	0.0000705	0.058	0.00000542	0.0000845	0.000317	0.00168
2040 Jul	64.7	0.0369	0.165	0.00361	13.4	0.0444	7.54	0.00000545	0.00425	0.000723	0.00553	0.0165	0.0000124	9	0.00000307	0.0000743	0.000111	0.000397	0.0192	0.0000028	1.83	0.00137	2.42	0.0178	0.000411	1.45	0.00147	0.00302	0.0000468	0.000129	0.0000682	0.0564	0.00000547	0.0000806	0.000316	0.00167
2040 Aug	58.9	0.0325	0.145	0.00322	12.2	0.0421	6.92	0.00000546	0.00441	0.00066	0.00553	0.0152	0.0000122	8.27	0.00000303	0.0000718	0.000106	0.000382	0.0188	0.00000279	1.68	0.00127	2.24	0.0158	0.000363	1.35	0.00135	0.00276	0.0000441	0.00012	0.000063	0.0513	0.00000548	0.0000728	0.000311	0.00167
2040 Sep	59.4	0.0333	0.154	0.00338	12.3	0.0405	6.88	0.00000542	0.0049	0.000667	0.00549	0.0149	0.0000122	8.28	0.000003	0.0000725	0.000101	0.000387	0.0207	0.00000277	1.66	0.00132	2.18	0.0169	0.000386	1.31	0.0013	0.00264	0.0000395	0.000123	0.0000661	0.052	0.00000544	0.0000768	0.00031	0.00165
2040 Oct	61.1	0.0342	0.162	0.00351	12.6	0.041	7.04	0.00000541	0.0053	0.000683	0.00548	0.015	0.0000122	8.48	0.00000345	0.0000732	0.000105	0.000406	0.0212	0.00000277	1.7	0.00136	2.22	0.0177	0.000402	1.33	0.00132	0.00261	0.000117	0.00013	0.0000682	0.0536	0.00000543	0.0000796	0.000311	0.00176
2040 Nov	61.6	0.0341	0.163	0.00354	12.8	0.0414	7.09	0.00000541	0.00549	0.000687	0.00548	0.0151	0.0000122	8.53	0.00000371	0.0000733	0.000107	0.000416	0.0212	0.00000277	1.71	0.00136	2.23	0.0178	0.000405	1.33	0.00134	0.00259	0.000163	0.000132	0.0000685	0.0541	0.00000542	0.0000801	0.000311	0.00182
2040 Dec	61.5	0.034	0.163	0.00353	12.7	0.0413	7.08	0.00000541	0.00549	0.000687	0.00548	0.015	0.0000122	8.53	0.00000371	0.0000733	0.000107	0.000416	0.0212	0.00000277	1.71	0.00136	2.23	0.0178	0.000405	1.33	0.00134	0.00259	0.000163	0.000132	0.0000684	0.054	0.00000542	0.00008	0.000311	0.00182
2041 Jan	61.5	0.034	0.163	0.00353	12.7	0.0413	7.08	0.00000541	0.00548	0.000686	0.00548	0.015	0.0000122	8.52	0.00000371	0.0000733	0.000107	0.000415	0.0212	0.00000277	1.71	0.00136	2.23	0.0178	0.000404	1.33	0.00134	0.00259	0.000163	0.000132	0.0000684	0.054	0.00000542	0.0000799	0.000311	0.00182
2041 Feb	61.5	0.034	0.163	0.00353	12.7	0.0413	7.08	0.00000541	0.00548	0.000686	0.00548	0.015	0.0000122	8.52	0.00000371	0.0000733	0.000107	0.000415	0.0212	0.00000277	1.71	0.00136	2.23	0.0178	0.000404	1.33	0.00134	0.00259	0.000163	0.000132	0.0000684	0.054	0.00000542	0.0000799	0.000311	0.00182
2041 Mar	61.5	0.034	0.163	0.00353	12.7	0.0413	7.08	0.00000541	0.00548	0.000686	0.00548	0.015	0.0000122	8.52	0.00000371	0.0000733	0.000107	0.000415	0.0212	0.00000277	1.71	0.00136	2.23	0.0178	0.000404	1.33	0.00134	0.00259	0.000163	0.000132	0.0000684	0.054	0.00000542	0.0000799	0.000311	0.00182
2041 Apr	61.4	0.034	0.163	0.00352	12.7	0.0414	7.08	0.00000542	0.00548	0.000686	0.00549	0.015	0.0000122	8.52	0.00000371	0.0000733	0.000107	0.000416	0.0211	0.00000277	1.71	0.00136	2.23	0.0178	0.000404	1.33	0.00134	0.00265	0.000163	0.000132	0.0000683	0.054	0.00000543	0.0000798	0.000311	0.00182
2041 May	61.5	0.0339	0.162	0.00352	12.7	0.0416	7.1	0.00000546	0.00548	0.000686	0.00553	0.0151	0.0000123	8.53	0.00000372	0.0000737	0.000107	0.000417	0.0211	0.00000279	1.71	0.00136	2.24	0.0177	0.000402	1.34	0.00134	0.00272	0.000162	0.000132	0.0000684	0.0539	0.00000547	0.0000797	0.000313	0.00183
2041 Jun	66.6	0.037	0.173	0.00365	13.7	0.0442	7.63	0.00000538	0.00434	0.000708	0.00544	0.0167	0.0000121	9.17	0.00000312	0.0000737	0.000108	0.000402	0.0194	0.00000275	1.86	0.00141	2.44	0.0185	0.000421	1.46	0.00144	0.00301	0.0000597	0.00013	0.0000701	0.058	0.00000539	0.0000826	0.000309	0.00167
2041 Jul	64.8	0.0353	0.164	0.00346	13.4	0.0442	7.45	0.00000543	0.00424	0.000684	0.00549	0.0165	0.0000121	8.97	0.00000305	0.000073	0.00011	0.000395	0.019	0.00000277	1.82	0.00137	2.41	0.0175	0.000398	1.45	0.00142	0.00299	0.0000463	0.000126	0.0000678	0.0563	0.00000544	0.0000788	0.000308	0.00166
2041 Aug	58.9	0.0309	0.143	0.00308	12.2	0.0418	6.83	0.00000544	0.00441	0.000625	0.00549	0.0151	0.000012	8.22	0.00000301	0.0000706	0.000105	0.000379	0.0186	0.00000277	1.67	0.00126	2.22	0.0155	0.00035	1.34	0.0013	0.00273	0.0000437	0.000116	0.0000625	0.0511	0.00000545	0.000071	0.000304	0.00166
2041 Sep	59.4	0.0317	0.152	0.00324	12.3	0.0403	6.79	0.0000054	0.00488	0.000631	0.00545	0.0148	0.0000119	8.24	0.00000298	0.0000713	0.0000994	0.000384	0.0204	0.00000275	1.66	0.00131	2.17	0.0166	0.000372	1.31	0.00125	0.00261	0.0000392	0.00012	0.0000656	0.0518	0.00000541	0.0000749	0.000303	0.00164
2041 Oct	61.1	0.0326	0.16	0.00337	12.6	0.0408	6.96	0.00000539	0.00528	0.000647	0.00545	0.015	0.000012	8.44	0.00000344	0.000072	0.000104	0.000404	0.0209	0.00000275	1.69	0.00135	2.21	0.0174	0.000389	1.33	0.00127	0.00258	0.000117	0.000126	0.0000677	0.0535	0.0000054	0.0000777	0.000304	0.00175
2041 Nov	61.6	0.0325	0.161	0.00339	12.8	0.0412	7.02	0.00000538	0.00547	0.000651	0.00544	0.015	0.000012	8.51	0.00000371	0.0000721	0.000106	0.000414	0.0209	0.00000275	1.71	0.00136	2.22	0.0175	0.000392	1.33	0.00129	0.00257	0.000165	0.000129	0.000068	0.054	0.0000054	0.0000783	0.000304	0.00181
2041 Dec	61.6	0.0325	0.161	0.00339	12.8	0.0412	7.01	0.00000538	0.00547	0.000651	0.00544	0.015	0.000012	8.5	0.00000371	0.0000721	0.000106	0.000413	0.0209	0.00000275	1.71	0.00136	2.22	0.0175	0.000392	1.33	0.00129	0.00257	0.000165	0.000129	0.000068	0.054	0.0000054	0.0000782	0.000304	0.00181
2042 Jan	61.6	0.0325	0.161	0.00338	12.8	0.0412	7.01	0.00000538	0.00547	0.00065	0.00544	0.015	0.000012	8.5	0.0000037	0.0000721	0.000106	0.000413	0.0209	0.00000275	1.7	0.00136	2.22	0.0175	0.000391	1.33	0.00129	0.00257	0.000165	0.000129	0.0000679	0.0539	0.0000054	0.0000781	0.000303	0.00181
2042 Feb	61.6	0.0325	0.161	0.00338	12.8	0.0412	7.01	0.00000538	0.00547	0.00065	0.00544	0.015	0.000012	8.5	0.0000037	0.0000721	0.000106	0.000413	0.0209	0.00000275	1.7	0.00136	2.22	0.0175	0.000391	1.33	0.00129	0.00257	0.000165	0.000129	0.0000679	0.0539	0.0000054	0.0000781	0.000303	0.00181
2042 Mar	61.6	0.0325	0.161	0.00338	12.7	0.0412	7.01	0.00000538	0.00547	0.00065	0.00544	0.015	0.000012	8.5	0.0000037	0.0000721	0.000106	0.000413	0.0209	0.00000275	1.7	0.00136	2.22	0.0175	0.000391	1.33	0.00129	0.00257	0.000165	0.000129	0.0000679	0.0539	0.0000054	0.0000781	0.000304	0.00181
2042 Apr	61.5	0.0324	0.161	0.00338	12.7	0.0412	7.01	0.00000539	0.00546	0.00065	0.00545	0.015	0.000012	8.49	0.00000371	0.0000722	0.000106	0.000414	0.0209	0.00000275	1.7	0.00136	2.22	0.0175	0.000391	1.33	0.00129	0.00262	0.000165	0.000129	0.0000679	0.0539	0.00000541	0.0000781	0.000304	0.00182
2042 May	61.6	0.0324	0.16	0.00337	12.7	0.0415	7.03	0.00000543	0.00546	0.00065	0.00549	0.015	0.000012	8.5	0.00000372	0.0000725	0.000106	0.000415	0.0208	0.00000277	1.71	0.00136	2.23	0.0174	0.000389	1.34	0.00129	0.00269	0.000164	0.000129	0.0000679	0.0539	0.00000545	0.0000779	0.000306	0.00183
2042 Jun	66.6	0.0355	0.171	0.0035	13.8	0.0441	7.55	0.00000535	0.00431	0.000672	0.00541	0.0166	0.0000119	9.14	0.00000311	0.0000725	0.000107	0.0004	0.0192	0.00000273	1.86	0.00141	2.43	0.0181	0.000408	1.46	0.00139	0.00298	0.0000602	0.000127	0.0000696	0.0579	0.00000537	0.0000808	0.000301	0.00166
2042 Jul	64.9	0.034	0.162	0.00333	13.5	0.0441	7.39	0.0000054	0.00419	0.000652	0.00546	0.0165	0.0000119	8.95	0.00000304	0.0000719	0.000109	0.000393	0.0187	0.00000275	1.82	0.00137	2.4	0.0172	0.000386	1.45	0.00137	0.00297	0.0000465	0.000123	0.0000673	0.0563	0.00000542	0.0000771	0.000301	0.00165
2042 Aug	59	0.0298	0.141	0.00297	12.2	0.0418	6.78	0.00000542	0.00436	0.000597	0.00546	0.0152	0.0000118	8.21	0.000003	0.0000697	0.000104	0.000377	0.0183	0.00000275	1.67	0.00126	2.22	0.0153	0.00034	1.34	0.00126	0.00272	0.0000438	0.000114	0.0000622	0.0511	0.00000543	0.0000696	0.000298	0.00165
2042 Sep	59.6	0.0306	0.151	0.00313	12.3	0.0402	6.74	0.00000538	0.00485	0.000603	0.00543	0.0148	0.0000117	8.23	0.00000297	0.0000704	0.0000984	0.000382	0.0201	0.00000273	1.66	0.00131	2.17	0.0164	0.000363	1.31	0.00121	0.0026	0.0000392	0.000117	0.0000653	0.0519	0.00000539	0.0000736	0.000297	0.00164
2042 Oct	63.5	0.0329	0.168	0.00341	13.1	0.0413	7.12	0.00000539	0.00535	0.000645	0.00544	0.0154	0.0000135	8.71	0.00000344	0.0000723	0.000104	0.00041	0.0213	0.00000274	1.75	0.0014	2.26	0.0181	0.000399	1.36	0.00127	0.00264	0.000117	0.000128	0.0000699	0.0556	0.0000054	0.00008	0.0003	0.00175
2042 Nov	69	0.0361	0.189	0.00379	14.3	0.043	7.63	0.00000542	0.00574	0.000712	0.00548	0.0164	0.0000176	9.39	0.00000373	0.000075	0.000111	0.000436	0.0228	0.00000277	1.88	0.00152	2.4	0.0204	0.000449	1.44	0.00138	0.00279	0.000159	0.000139	0.0000756	0.0606	0.00000543	0.0000887	0.000305	0.00181
2042 Dec	73.6	0.0392	0.208	0.00411	15.2	0.0442	8.06	0.00000546	0.00593	0.00078	0.00552	0.0173	0.0000239	9.95	0.00000374	0.0000775	0.000115	0.000451	0.0242	0.0000028	1.98	0.00163	2.52	0.0224	0.000492	1.51	0.00146	0.00294	0.000152	0.000148	0.0000807	0.0647	0.00000547	0.0000964	0.000311	0.00182
2043 Jan	77.7	0.0421	0.225	0.00441	16.1	0.0454	8.46	0.00000549	0.0061	0.000853	0.00556	0.0181	0.0000326	10.5	0.00000375	0.0000799	0.000118	0.000465	0.0254	0.00000282	2.08	0.00173	2.63	0.0243	0.000532	1.57	0.00155	0.00308	0.000146	0.000155	0.0000854	0.0686	0.00000551	0.000104	0.000316	0.00182
2043 Feb	81.4	0.0447	0.24	0.00467	16.9	0.0463	8.81	0.00000552	0.00626	0.000927	0.00559	0.0188	0.0000427	10.9	0.00000376	0.000082	0.000121	0.000478	0.0265	0.00000285	2.17	0.00181	2.72	0.0259	0.000566	1.63	0.00162	0.0032	0.000141	0.000162	0.0000895	0.0719	0.00000554	0.00011	0.000321	0.00182
2043 Mar	84.7	0.0472	0.253	0.0049	17.6	0.0472	9.13	0.00000555	0.00641	0.001	0.00563	0.0195	0.0000542	11.3	0.00000377	0.0000839	0.000124	0.000489	0.0275	0.00000288	2.25	0.00189	2.81	0.0274	0.000598	1.68	0.00169	0.00331	0.000136	0.000168	0.0000933	0.0749	0.00000557	0.000116	0.000325	0.00183
2043 Apr	87	0.049	0.263	0.00507	18	0.048	9.38	0.00000559	0.00651	0.00107	0.00566	0.0199	0.0000657	11.6	0.00000377	0.0000854	0.000126	0.000498	0.0283	0.0000029	2.3	0.00195	2.87	0.0285	0.000621	1.72	0.00175	0.00353	0.000131	0.000173	0.0000962	0.077	0.0000056	0.000121	0.000329	0.00183
2043 May	87.5	0.0494	0.264	0.0051	18.1	0.0483	9.45	0.00000563	0.00652	0.0011	0.00571	0.0201	0.0000714	11.7	0.00000378	0.0000861	0.000127	0.000501	0.0284	0.00000293	2.32	0.00197	2.89	0.0287	0.000625	1.73	0.00177	0.00373	0.000128	0.000174	0.0000969	0.0774	0.00000565	0.000122	0.000332	0.00184
2043 Jun	98.9	0.0669	0.299	0.00565	20.5	0.0526	11.1	0.00000579	0.00701	0.0028	0.00586	0.0226	0.000484	13.4	0.00000365	0.0000962	0.000146	0.000549	0.0316	0.0000033	2.62	0.00237	3.26	0.0366	0.000763	1.92	0.00243	0.00408	0.0000527	0.000202	0.000117	0.0883	0.00000582	0.000167	0.000362	0.0018
2043 Jul	108	0.0823	0.33	0.00622	22.5	0.0557	12.6	0.0000061	0.00845	0.00441	0.00616	0.0243	0.000881	14.8	0.00000398	0.000108	0.000168	0.000613	0.0367	0.00000374	2.85	0.00276	3.52	0.0443	0.000895	2.04	0.00302	0.00446	0.0000469	0.000233	0.000136	0.0975	0.00000614	0.00021	0.000401	0.00191
2043 Aug	99.7	0.0784	0.3	0.0057	20.8	0.0529	11.8	0.00000611	0.00861	0.00456	0.00616	0.0225	0.000945	13.8	0.00000396	0.000105	0.000162	0.000594	0.0358	0.00000377	2.65	0.00263	3.28	0.0419	0.000837	1.9	0.00294	0.00415	0.0000462	0.000223	0.00013	0.0903	0.00000614	0.000203	0.000399	0.00191
2043 Sep	98.3	0.0862	0.293	0.00559	20.5	0.0522	12.2	0.00000618	0.00937	0.00577	0.00622	0.022	0.00128	13.8	0.00000414	0.000109	0.000166	0.000615	0.0373	0.00000403	2.62	0.00276	3.24	0.0447	0.000871	1.85	0.00322	0.00414	0.0000485	0.000234	0.000137	0.0899	0.00000623	0.000225	0.000416	0.00195
2043 Oct	99.5	0.0931	0.293	0.0056	20.8	0.0534	12.7	0.00000628	0.0101	0.00673	0.00631	0.0222	0.00153	14.1	0.00000468	0.000113	0.000178	0.000649	0.0383	0.00000425	2.66	0.00289	3.3	0.0473	0.000908	1.87	0.00352	0.00423	0.000116	0.000248	0.000144	0.0916	0.00000633	0.000244	0.000432	0.00209
2043 Nov	103	0.1	0.304	0.00579	21.6	0.0551	13.4	0.00000639	0.0107	0.00756	0.00641	0.0229	0.00175	14.7	0.00000496	0.000118	0.000189	0.00068	0.0399	0.00000445	2.76	0.00306	3.42	0.0507	0.000964	1.92	0.00382	0.00441	0.000138	0.000263	0.000152	0.0953	0.00000644	0.000265	0.000449	0.00216
2043 Dec	106	0.106	0.314	0.00598	22.3	0.0561	13.9	0.00000647	0.0111	0.00813	0.00649	0.0235	0.00189	15.1	0.00000501	0.000121	0.000196	0.0007	0.0414	0.00000459	2.84	0.00319	3.51	0.0533	0.00101	1.96	0.00403	0.00457	0.000127	0.000273	0.000158	0.0984	0.00000653	0.00028	0.000462	0.00218
2044 Jan	108	0.11	0.321	0.0061	22.7	0.0569	14.2	0.00000653	0.0113	0.00853	0.00655	0.0239	0.002	15.4	0.00000505	0.000124	0.0002	0.000713	0.0424	0.0000047	2.89	0.00328	3.57	0.0551	0.00104	1.99	0.00418	0.00467	0.00012	0.00028	0.000163	0.1	0.00000659	0.00029	0.000471	0.00219
2044 Feb	109	0.112	0.324	0.00617	22.9	0.0573	14.4	0.00000657	0.0115	0.00879	0.00659	0.0241	0.00206	15.6	0.00000508	0.000126	0.000203	0.000721	0.043	0.00000476	2.92	0.00334	3.61	0.0562	0.00106	2.01	0.00427	0.00473	0.000115	0.000284	0.000166	0.102	0.00000663	0.000297	0.000476	0.0022
2044 Mar	110	0.114	0.327	0.00622	23.1	0.0576	14.6	0.0000066	0.0116	0.009	0.00662	0.0242	0.00212	15.8	0.0000051	0.000127	0.000205	0.000728	0.0434	0.00000482	2.94	0.00338	3.63	0.057	0.00107	2.02	0.00434	0.00478	0.000112	0.000288	0.000168	0.102	0.00000666	0.000302	0.000481	0.00221
2044 Apr	110	0.115	0.326	0.00621	23.1	0.0577	14.6	0.00000662	0.0117	0.0091	0.00664	0.0242	0.00214	15.8	0.0000051	0.000127	0.000206	0.00073	0.0435	0.00000485	2.94	0.00339	3.64	0.0573	0.00108	2.02	0.00437	0.00494	0.000109	0.000289	0.000168	0.102	0.00000668	0.000304	0.000483	0.00221
2044 May	109	0.114	0.322	0.00615	22.9	0.0578	14.5	0.00000665	0.0116	0.00907	0.00667	0.0241	0.00214	15.7	0.0000051	0.000127	0.000205	0.000727	0.0432	0.00000486	2.93	0.00337	3.62	0.0568	0.00107	2.01	0.00436	0.00511	0.000106	0.000287	0.000167	0.102	0.00000672	0.000302	0.000484	0.00222
2044 Jun	92.3	0.104	0.247	0.0048	19.4	0.0543	13.1	0.0000065	0.0107	0.00892	0.00648	0.0212	0.00216	13.6	0.00000471	0.00012	0.000191	0.000665	0.0368	0.00000494	2.57	0.00298	3.22	0.0492	0.000905	1.78	0.00409	0.00441	0.0000622	0.00026	0.00015	0.086	0.00000661	0.000288	0.000472	0.00213
2044 Jul	94.1	0.115	0.249	0.00487	19.9	0.0558	13.8	0.00000677	0.012	0.0103	0.00673	0.0216	0.00254	14.1	0.00000501	0.000128	0.000206	0.000709	0.0396	0.00000541	2.65	0.00321	3.3	0.0536	0.00097	1.8	0.00452	0.00456	0.0000615	0.000282	0.000162	0.0886	0.00000692	0.000324	0.000506	0.00224
2044 Aug	87.1	0.106	0.226	0.00447	18.4	0.053	12.9	0.0000067	0.0117	0.00962	0.00666	0.0201	0.00239	13.1	0.00000487	0.000123	0.000196	0.000677	0.038	0.00000526	2.47	0.00301	3.08	0.0497	0.000896	1.68	0.00423	0.00423	0.0000593	0.000266	0.000152	0.0821	0.00000685	0.000304	0.000492	0.00221
2044 Sep	84.8	0.108	0.219	0.00434	17.9	0.0519	12.8	0.0000067	0.0122	0.00998	0.00665	0.0194	0.00252	12.9	0.00000492	0.000125	0.000193	0.000682	0.0385	0.00000539	2.41	0.00303	2.99	0.0502	0.000898	1.62	0.00427	0.00413	0.0000601	0.00027	0.000154	0.0804	0.00000687	0.000314	0.000498	0.00222
2044 Oct	86.7	0.114	0.222	0.00441	18.4	0.0533	13.3	0.00000679	0.0129	0.0106	0.00672	0.0198	0.00271	13.3	0.00000544	0.000129	0.000203	0.000716	0.0393	0.0000056	2.47	0.00315	3.07	0.0525	0.000934	1.65	0.0045	0.00422	0.000127	0.000284	0.00016	0.0825	0.00000697	0.000333	0.000513	0.00236
2044 Nov	90	0.121	0.232	0.00459	19.1	0.055	13.9	0.0000069	0.0136	0.0114	0.00683	0.0204	0.00293	13.8	0.00000573	0.000134	0.000214	0.000748	0.0409	0.00000583	2.57	0.00332	3.18	0.0558	0.000988	1.7	0.00479	0.00439	0.00015	0.0003	0.000169	0.086	0.0000071	0.000355	0.000532	0.00244
2044 Dec	92.8	0.127	0.241	0.00475	19.7	0.0561	14.4	0.000007	0.014	0.012	0.00692	0.021	0.0031	14.3	0.00000579	0.000138	0.000221	0.000769	0.0424	0.00000601	2.65	0.00345	3.26	0.0585	0.00103	1.74	0.00501	0.00454	0.000139	0.000311	0.000175	0.0889	0.0000072	0.000372	0.000546	0.00246
2045 Jan	94.5	0.131	0.246	0.00485	20.1	0.0568	14.7	0.00000706	0.0143	0.0125	0.00698	0.0213	0.00321	14.5	0.00000584	0.000141	0.000225	0.000783	0.0433	0.00000613	2.7	0.00354	3.32	0.0602	0.00106	1.76	0.00516	0.00464	0.000131	0.000318	0.00018	0.0907	0.00000727	0.000384	0.000556	0.00247
2045 Feb	95.5	0.133	0.25	0.00491	20.3	0.0572	14.9	0.0000071	0.0145	0.0127	0.00702	0.0215	0.00328	14.7	0.00000587	0.000142	0.000228	0.000791	0.0439	0.0000062	2.72	0.0036	3.35	0.0613	0.00108	1.78	0.00525	0.0047	0.000127	0.000323	0.000183	0.0918	0.00000731	0.000391	0.000561	0.00248
2045 Mar	96.3	0.135	0.252	0.00495	20.5	0.0575	15.1	0.00000713	0.0146	0.0129	0.00705	0.0217	0.00334	14.8	0.00000589	0.000143	0.00023	0.000797	0.0444	0.00000625	2.75	0.00364	3.37	0.0621	0.00109	1.79	0.00532	0.00475	0.000124	0.000326	0.000185	0.0926	0.00000734	0.000396	0.000566	0.00249
2045 Apr	96.4	0.136	0.252	0.00496	20.5	0.0576	15.1	0.00000715	0.0146	0.013	0.00707	0.0217	0.00336	14.9	0.00000589	0.000144	0.000231	0.000799	0.0444	0.00000628	2.75	0.00365	3.38	0.0624	0.0011	1.79	0.00535	0.00491	0.000121	0.000327	0.000185	0.0927	0.00000736	0.000398	0.000568	0.00249
2045 May	95.6	0.135	0.249	0.0049	20.3	0.0576	15	0.00000717	0.0145	0.0129	0.00709	0.0216	0.00333	14.7	0.00000587	0.000143	0.000229	0.000795	0.044	0.00000626	2.73	0.00362	3.36	0.0617	0.00108	1.79	0.0053	0.00506	0.000118	0.000324	0.000184	0.0918	0.00000738	0.000394	0.000567	0.00249
2045 Jun	84.3	0.118	0.203	0.00406	17.9	0.0545	13.5	0.00000686	0.0128	0.0112	0.00677	0.0198	0.00295	13.1	0.00000524	0.000131	0.000207	0.000715	0.0376	0.00000591	2.47	0.00317	3.07	0.0528	0.000923	1.64	0.00469	0.0044	0.0000696	0.000288	0.000162	0.0805	0.00000708	0.000353	0.000528	0.00232
2045 Jul	86.2	0.125	0.207	0.00415	18.4	0.0562	14	0.00000712	0.0142	0.0121	0.007	0.0202	0.00321	13.5	0.0000055	0.00014	0.000219	0.000757	0.0399	0.00000641	2.56	0.00335	3.13	0.0561	0.000977	1.67	0.00499	0.00452	0.0000684	0.000311	0.000172	0.0829	0.00000742	0.00039	0.000563	0.00244
2045 Aug	79.8	0.115	0.188	0.00382	17	0.0534	13	0.00000701	0.0137	0.0111	0.0069	0.0189	0.00296	12.6	0.0000053	0.000134	0.000207	0.000719	0.0382	0.00000615	2.39	0.00312	2.93	0.0516	0.000898	1.56	0.00461	0.00418	0.0000653	0.000291	0.000161	0.0767	0.00000729	0.000362	0.000542	0.00239
2045 Sep	78.6	0.116	0.186	0.00378	16.8	0.0524	12.9	0.00000699	0.014	0.0112	0.00687	0.0184	0.00303	12.5	0.00000532	0.000135	0.000203	0.000722	0.0387	0.00000622	2.36	0.00314	2.86	0.052	0.000902	1.52	0.00459	0.00409	0.0000655	0.000294	0.000162	0.0759	0.00000729	0.000369	0.000545	0.00239
2045 Oct	80.8	0.121	0.191	0.00388	17.3	0.0538	13.4	0.00000705	0.0146	0.0117	0.00693	0.0188	0.00319	12.8	0.00000581	0.000138	0.000212	0.000753	0.0395	0.00000638	2.42	0.00325	2.94	0.0541	0.000935	1.55	0.00479	0.00418	0.000133	0.000307	0.000168	0.0783	0.00000736	0.000384	0.000557	0.00251
2045 Nov	84.2	0.128	0.201	0.00406	18	0.0554	14	0.00000717	0.0153	0.0125	0.00703	0.0194	0.00341	13.4	0.0000061	0.000143	0.000223	0.000785	0.0411	0.00000661	2.52	0.00342	3.05	0.0574	0.000987	1.6	0.00507	0.00435	0.000156	0.000322	0.000176	0.0818	0.00000749	0.000406	0.000575	0.00259
2045 Dec	86.8	0.134	0.209	0.00421	18.6	0.0565	14.5	0.00000726	0.0158	0.0131	0.00713	0.02	0.00359	13.8	0.00000617	0.000147	0.00023	0.000806	0.0425	0.0000068	2.59	0.00356	3.13	0.0601	0.00103	1.64	0.00529	0.00451	0.000144	0.000333	0.000183	0.0846	0.0000076	0.000424	0.00059	0.00262
2046 Jan	88.5	0.138	0.214	0.00431	18.9	0.0572	14.8	0.00000733	0.0161	0.0135	0.00719	0.0203	0.00371	14.1	0.00000622	0.00015	0.000234	0.00082	0.0435	0.00000693	2.64	0.00365	3.18	0.0619	0.00106	1.67	0.00544	0.00461	0.000137	0.000341	0.000188	0.0864	0.00000767	0.000436	0.0006	0.00263
2046 Feb	89.5	0.141	0.217	0.00436	19.2	0.0576	15	0.00000737	0.0163	0.0138	0.00723	0.0205	0.00378	14.3	0.00000625	0.000152	0.000237	0.000828	0.044	0.000007	2.67	0.0037	3.21	0.063	0.00108	1.68	0.00554	0.00466	0.000133	0.000345	0.000191	0.0874	0.00000771	0.000443	0.000606	0.00264
2046 Mar	90.3	0.143	0.22	0.00441	19.3	0.058	15.2	0.0000074	0.0164	0.014	0.00726	0.0207	0.00384	14.4	0.00000628	0.000153	0.000239	0.000835	0.0445	0.00000706	2.69	0.00375	3.24	0.0638	0.00109	1.69	0.00561	0.00471	0.00013	0.000349	0.000193	0.0882	0.00000775	0.000449	0.00061	0.00265
2046 Apr	90.4	0.143	0.22	0.00441	19.3	0.0581	15.2	0.00000742	0.0164	0.014	0.00727	0.0207	0.00386	14.4	0.00000627	0.000153	0.00024	0.000836	0.0446	0.00000708	2.69	0.00376	3.24	0.064	0.00109	1.69	0.00563	0.00487	0.000126	0.000349	0.000193	0.0883	0.00000776	0.00045	0.000612	0.00265
2046 May	89.7	0.142	0.217	0.00437	19.1	0.058	15.1	0.00000743	0.0163	0.0139	0.00729	0.0206	0.00382	14.3	0.00000624	0.000152	0.000238	0.000831	0.0441	0.00000704	2.68	0.00372	3.23	0.0633	0.00108	1.69	0.00558	0.00502	0.000124	0.000346	0.000192	0.0875	0.00000777	0.000445	0.00061	0.00265
2046 Jun	80.6	0.122	0.184	0.00373	17.2	0.0548	13.5	0.00000701	0.0139	0.0117	0.00689	0.0192	0.00326	12.8	0.00000546	0.000137	0.000212	0.000736	0.0376	0.0000064	2.44	0.00323	2.98	0.0537	0.000915	1.58	0.00482	0.00437	0.0000727	0.000301	0.000167	0.0779	0.00000732	0.000385	0.000554	0.00242
2046 Jul	82.9	0.129	0.19	0.00386	17.8	0.0562	14	0.00000724	0.015	0.0124	0.00709	0.0196	0.00349	13.3	0.00000568	0.000144	0.000224	0.000771	0.0399	0.00000677	2.52	0.00341	3.05	0.0569	0.000965	1.61	0.00509	0.00449	0.0000711	0.000319	0.000176	0.0806	0.00000758	0.000413	0.000581	0.00251
2046 Aug	77.1	0.119	0.173	0.00357	16.5	0.0534	13	0.00000711	0.0144	0.0114	0.00697	0.0184	0.00322	12.4	0.00000545	0.000137	0.000211	0.000731	0.0382	0.00000645	2.35	0.00317	2.86	0.0525	0.000887	1.52	0.00471	0.00416	0.0000677	0.000297	0.000164	0.0748	0.00000743	0.000382	0.000557	0.00244
2046 Sep	76.4	0.12	0.174	0.00357	16.4	0.0524	12.9	0.00000708	0.0146	0.0114	0.00694	0.018	0.00327	12.3	0.00000546	0.000137	0.000207	0.000733	0.0387	0.00000649	2.33	0.00319	2.8	0.0529	0.000892	1.49	0.00468	0.00408	0.0000678	0.0003	0.000165	0.0744	0.00000741	0.000387	0.000558	0.00244
2046 Oct	78.6	0.124	0.179	0.00368	16.8	0.0539	13.4	0.00000714	0.0153	0.0119	0.00699	0.0184	0.00342	12.6	0.00000595	0.000141	0.000216	0.000764	0.0395	0.00000666	2.39	0.0033	2.88	0.0549	0.000924	1.52	0.00485	0.00416	0.000134	0.000312	0.000171	0.0768	0.00000748	0.000402	0.00057	0.00256
2046 Nov	81.9	0.131	0.189	0.00385	17.6	0.0555	14	0.00000726	0.016	0.0126	0.0071	0.0191	0.00364	13.2	0.00000624	0.000146	0.000226	0.000796	0.0411	0.0000069	2.49	0.00347	2.99	0.0581	0.000976	1.57	0.00512	0.00434	0.000157	0.000328	0.000179	0.0803	0.00000762	0.000425	0.000588	0.00264
2046 Dec	84.5	0.138	0.197	0.004	18.2	0.0566	14.5	0.00000736	0.0165	0.0132	0.0072	0.0196	0.00382	13.6	0.00000632	0.00015	0.000233	0.000818	0.0425	0.00000711	2.57	0.00361	3.07	0.0608	0.00102	1.61	0.00535	0.00449	0.000145	0.00034	0.000186	0.083	0.00000774	0.000444	0.000604	0.00267
2047 Jan	86.2	0.142	0.202	0.00409	18.5	0.0573	14.8	0.00000743	0.0168	0.0136	0.00726	0.0199	0.00394	13.9	0.00000637	0.000153	0.000238	0.000833	0.0434	0.00000724	2.62	0.0037	3.12	0.0626	0.00105	1.63	0.00549	0.00458	0.000138	0.000348	0.000191	0.0847	0.00000781	0.000457	0.000614	0.00269
2047 Feb	87.1	0.144	0.205	0.00415	18.7	0.0578	15	0.00000747	0.017	0.0138	0.0073	0.0201	0.00402	14	0.0000064	0.000155	0.000241	0.000841	0.044	0.00000732	2.64	0.00376	3.15	0.0637	0.00106	1.64	0.00558	0.00464	0.000134	0.000352	0.000194	0.0858	0.00000786	0.000464	0.00062	0.0027
2047 Mar	87.9	0.146	0.207	0.00419	18.9	0.0581	15.2	0.0000075	0.0172	0.014	0.00733	0.0203	0.00408	14.2	0.00000643	0.000156	0.000243	0.000847	0.0444	0.00000738	2.67	0.0038	3.17	0.0645	0.00108	1.65	0.00565	0.00469	0.000131	0.000356	0.000196	0.0866	0.00000789	0.00047	0.000625	0.00271
2047 Apr	87.9	0.147	0.207	0.0042	18.9	0.0582	15.2	0.00000752	0.0172	0.014	0.00735	0.0203	0.00409	14.2	0.00000642	0.000156	0.000243	0.000848	0.0445	0.00000739	2.67	0.00381	3.18	0.0647	0.00108	1.66	0.00567	0.00485	0.000128	0.000356	0.000196	0.0866	0.00000791	0.00047	0.000626	0.00271
2047 May	87.4	0.145	0.205	0.00416	18.7	0.0582	15.1	0.00000753	0.017	0.0139	0.00736	0.0202	0.00405	14.1	0.00000639	0.000156	0.000241	0.000844	0.0441	0.00000736	2.65	0.00378	3.16	0.064	0.00107	1.65	0.00562	0.005	0.000125	0.000353	0.000195	0.0859	0.00000792	0.000466	0.000624	0.0027
2047 Jun	78.8	0.123	0.175	0.00357	16.9	0.0547	13.3	0.00000706	0.0143	0.0115	0.00691	0.0188	0.00338	12.6	0.00000553	0.000138	0.000213	0.00074	0.0373	0.00000656	2.42	0.00325	2.92	0.0537	0.000896	1.56	0.00479	0.00433	0.0000736	0.000303	0.000167	0.0765	0.00000739	0.000395	0.00056	0.00244
2047 Jul	81.3	0.131	0.182	0.00373	17.5	0.0559	13.9	0.00000725	0.0151	0.0121	0.0071	0.0193	0.00361	13.1	0.00000572	0.000143	0.000225	0.000768	0.0396	0.00000682	2.49	0.00342	3	0.057	0.000941	1.59	0.00505	0.00445	0.000072	0.000316	0.000176	0.0794	0.00000759	0.000415	0.00058	0.00251
2047 Aug	75.6	0.12	0.167	0.00346	16.2	0.053	12.9	0.00000711	0.0144	0.0111	0.00697	0.0181	0.00332	12.2	0.00000548	0.000136	0.000211	0.000727	0.0379	0.00000648	2.32	0.00318	2.81	0.0525	0.000864	1.5	0.00466	0.00412	0.0000684	0.000293	0.000163	0.0737	0.00000742	0.000382	0.000555	0.00244
2047 Sep	74.9	0.12	0.167	0.00346	16.1	0.0518	12.8	0.00000705	0.0144	0.0111	0.00691	0.0177	0.00335	12.1	0.00000545	0.000135	0.000206	0.000724	0.0383	0.00000644	2.28	0.00319	2.75	0.0527	0.000864	1.46	0.00461	0.00403	0.0000681	0.000292	0.000164	0.0732	0.00000735	0.000381	0.000551	0.00242
2047 Oct	77.3	0.125	0.174	0.00358	16.6	0.0531	13.2	0.0000071	0.015	0.0115	0.00696	0.0181	0.00351	12.5	0.00000592	0.000138	0.000216	0.000752	0.0392	0.00000656	2.35	0.0033	2.83	0.0549	0.000896	1.5	0.00479	0.00412	0.000134	0.000303	0.000169	0.0758	0.0000074	0.000394	0.00056	0.00253
2047 Nov	80.7	0.133	0.184	0.00376	17.4	0.0548	13.8	0.00000721	0.0156	0.0122	0.00707	0.0187	0.00374	13	0.00000621	0.000143	0.000227	0.000784	0.0408	0.00000678	2.44	0.00347	2.94	0.0582	0.000946	1.55	0.00506	0.0043	0.000156	0.000318	0.000178	0.0794	0.00000752	0.000416	0.000577	0.0026
2047 Dec	83.3	0.139	0.192	0.00391	17.9	0.0558	14.3	0.00000731	0.0161	0.0128	0.00716	0.0193	0.00393	13.5	0.00000629	0.000147	0.000234	0.000805	0.0422	0.00000697	2.52	0.00361	3.02	0.0609	0.000988	1.59	0.00528	0.00445	0.000145	0.000329	0.000185	0.0821	0.00000763	0.000434	0.000592	0.00263
2048 Jan	85	0.143	0.197	0.004	18.3	0.0565	14.7	0.00000737	0.0164	0.0132	0.00722	0.0196	0.00405	13.7	0.00000634	0.00015	0.000238	0.000819	0.0431	0.0000071	2.56	0.00371	3.07	0.0627	0.00102	1.61	0.00542	0.00454	0.000138	0.000336	0.000189	0.0839	0.0000077	0.000446	0.000602	0.00265
2048 Feb	85.9	0.146	0.2	0.00406	18.5	0.0569	14.9	0.00000741	0.0166	0.0134	0.00726	0.0198	0.00413	13.9	0.00000637	0.000151	0.000241	0.000827	0.0437	0.00000718	2.59	0.00376	3.1	0.0638	0.00103	1.63	0.00551	0.0046	0.000134	0.000341	0.000192	0.0849	0.00000774	0.000453	0.000608	0.00266
2048 Mar	86.7	0.148	0.202	0.0041	18.7	0.0572	15	0.00000744	0.0168	0.0136	0.00729	0.0199	0.00419	14	0.0000064	0.000153	0.000243	0.000833	0.0441	0.00000723	2.61	0.00381	3.13	0.0647	0.00105	1.64	0.00558	0.00465	0.000131	0.000344	0.000194	0.0858	0.00000778	0.000458	0.000612	0.00266
2048 Apr	86.9	0.148	0.203	0.00411	18.7	0.0574	15.1	0.00000746	0.0168	0.0137	0.00731	0.02	0.00421	14.1	0.0000064	0.000153	0.000244	0.000835	0.0443	0.00000726	2.62	0.00382	3.13	0.065	0.00105	1.64	0.00561	0.00479	0.000128	0.000345	0.000195	0.086	0.0000078	0.00046	0.000614	0.00267

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	86.4	0.147	0.2	0.00408	18.5	0.0574	15	0.00000748	0.0166	0.0135	0.00733	0.0199	0.00417	14	0.00000637	0.000152	0.000242	0.000831	0.0439	0.00000723	2.61	0.00379	3.12	0.0643	0.00104	1.64	0.00556	0.00492	0.000125	0.000342	0.000193	0.0853	0.00000781	0.000455	0.000612	0.00266
2048 Jun	78.5	0.125	0.173	0.00354	16.8	0.0545	13.3	0.00000705	0.0142	0.0112	0.00691	0.0187	0.00349	12.6	0.00000555	0.000137	0.000215	0.000737	0.0374	0.00000655	2.4	0.00328	2.9	0.0543	0.000881	1.55	0.00476	0.00432	0.0000743	0.000299	0.000168	0.0764	0.00000736	0.000393	0.000556	0.00243
2048 Jul	80.6	0.132	0.179	0.00367	17.3	0.0558	13.8	0.00000727	0.0155	0.0117	0.00711	0.0192	0.0037	13	0.00000577	0.000145	0.000226	0.000773	0.0397	0.00000695	2.48	0.00344	2.96	0.0573	0.000928	1.58	0.00499	0.00442	0.0000728	0.000318	0.000177	0.0789	0.00000764	0.000424	0.000584	0.00253
2048 Aug	75	0.121	0.164	0.00341	16.1	0.053	12.8	0.00000714	0.0148	0.0108	0.00699	0.0179	0.0034	12.1	0.00000553	0.000137	0.000212	0.000733	0.038	0.00000663	2.32	0.00321	2.77	0.0528	0.000854	1.48	0.00461	0.0041	0.0000692	0.000297	0.000165	0.0733	0.00000748	0.000392	0.00056	0.00246
2048 Sep	74.5	0.121	0.165	0.00342	16	0.052	12.7	0.00000709	0.015	0.0107	0.00694	0.0176	0.00343	12	0.00000552	0.000137	0.000207	0.000733	0.0384	0.00000663	2.29	0.00322	2.72	0.0531	0.000857	1.46	0.00456	0.00402	0.0000691	0.000298	0.000166	0.0731	0.00000743	0.000394	0.000559	0.00245
2048 Oct	77	0.127	0.172	0.00354	16.6	0.0535	13.2	0.00000715	0.0155	0.0112	0.00699	0.018	0.00359	12.4	0.000006	0.00014	0.000217	0.000762	0.0392	0.00000677	2.36	0.00334	2.81	0.0553	0.000889	1.49	0.00474	0.00412	0.000134	0.000309	0.000172	0.0757	0.00000749	0.000409	0.000569	0.00256
2048 Nov	80.4	0.134	0.182	0.00372	17.3	0.0553	13.8	0.00000727	0.0163	0.0118	0.00711	0.0188	0.00382	13	0.0000063	0.000146	0.000228	0.000796	0.0409	0.00000704	2.47	0.00351	2.92	0.0587	0.000941	1.54	0.00501	0.0043	0.000155	0.000326	0.000181	0.0793	0.00000764	0.000434	0.000589	0.00265
2048 Dec	82.8	0.14	0.189	0.00385	17.9	0.0564	14.3	0.00000737	0.0168	0.0124	0.0072	0.0193	0.004	13.4	0.00000638	0.00015	0.000235	0.000817	0.0422	0.00000724	2.54	0.00365	2.99	0.0613	0.000981	1.58	0.00522	0.00444	0.000145	0.000338	0.000187	0.0819	0.00000776	0.000453	0.000604	0.00267
2049 Jan	84.4	0.144	0.194	0.00394	18.2	0.0571	14.6	0.00000744	0.0172	0.0127	0.00727	0.0196	0.00412	13.7	0.00000643	0.000153	0.000239	0.000831	0.0431	0.00000738	2.59	0.00374	3.04	0.063	0.00101	1.6	0.00535	0.00454	0.000138	0.000345	0.000192	0.0836	0.00000784	0.000465	0.000614	0.00269
2049 Feb	85.3	0.146	0.196	0.00399	18.4	0.0575	14.8	0.00000748	0.0174	0.0129	0.0073	0.0198	0.0042	13.8	0.00000646	0.000155	0.000242	0.00084	0.0436	0.00000746	2.62	0.00379	3.07	0.0641	0.00102	1.62	0.00543	0.00459	0.000134	0.00035	0.000195	0.0846	0.00000788	0.000472	0.00062	0.0027
2049 Mar	86	0.148	0.198	0.00403	18.6	0.0578	14.9	0.00000751	0.0175	0.0131	0.00733	0.0199	0.00425	13.9	0.00000649	0.000156	0.000244	0.000846	0.0441	0.00000752	2.64	0.00383	3.09	0.0649	0.00104	1.63	0.0055	0.00463	0.000131	0.000353	0.000197	0.0853	0.00000792	0.000478	0.000625	0.00271
2049 Apr	86	0.148	0.198	0.00403	18.5	0.0579	14.9	0.00000752	0.0175	0.0131	0.00734	0.0199	0.00426	13.9	0.00000647	0.000156	0.000244	0.000846	0.044	0.00000753	2.64	0.00384	3.09	0.0649	0.00104	1.63	0.00551	0.00481	0.000127	0.000353	0.000197	0.0853	0.00000793	0.000478	0.000626	0.00271
2049 May	85.2	0.146	0.195	0.00398	18.3	0.0577	14.8	0.00000753	0.0173	0.0129	0.00735	0.0198	0.0042	13.8	0.00000642	0.000155	0.000241	0.000838	0.0435	0.00000747	2.61	0.00379	3.07	0.0639	0.00102	1.62	0.00544	0.00498	0.000124	0.000349	0.000194	0.0843	0.00000793	0.000471	0.000622	0.0027
2049 Jun	77.8	0.125	0.17	0.00348	16.7	0.0548	13.2	0.00000709	0.0148	0.0107	0.00693	0.0187	0.00351	12.5	0.00000561	0.000139	0.000214	0.000744	0.0372	0.00000675	2.41	0.00329	2.87	0.0542	0.000869	1.54	0.00467	0.0043	0.0000744	0.000304	0.000169	0.0759	0.00000746	0.000407	0.000564	0.00247
2049 Jul	80.3	0.132	0.177	0.00363	17.3	0.0564	13.7	0.00000733	0.016	0.0113	0.00715	0.0192	0.00374	13	0.00000585	0.000147	0.000226	0.000782	0.0395	0.00000717	2.51	0.00346	2.94	0.0574	0.000918	1.58	0.00491	0.00443	0.0000737	0.000324	0.000179	0.0788	0.00000775	0.000439	0.000593	0.00257
2049 Aug	74.1	0.12	0.16	0.00334	16	0.0532	12.6	0.00000716	0.0152	0.0102	0.007	0.0178	0.0034	12	0.00000557	0.000139	0.000211	0.000736	0.0376	0.00000678	2.32	0.0032	2.73	0.0523	0.000836	1.47	0.00449	0.00406	0.0000695	0.0003	0.000165	0.0726	0.00000755	0.000401	0.000565	0.00248
2049 Sep	74.1	0.122	0.163	0.00338	16	0.0525	12.7	0.00000714	0.0155	0.0103	0.00698	0.0176	0.00346	12	0.00000559	0.00014	0.000207	0.000741	0.0383	0.00000683	2.32	0.00324	2.7	0.0531	0.000847	1.45	0.00448	0.00401	0.0000698	0.000304	0.000168	0.0728	0.00000754	0.000408	0.000567	0.00248
2049 Oct	76.1	0.125	0.168	0.00347	16.4	0.0538	13	0.00000718	0.016	0.0106	0.00701	0.018	0.00359	12.3	0.00000606	0.000142	0.000216	0.000767	0.0388	0.00000694	2.37	0.00333	2.77	0.0548	0.000871	1.48	0.00461	0.00408	0.000137	0.000314	0.000172	0.0749	0.00000759	0.00042	0.000575	0.0026
2049 Nov	79.4	0.133	0.178	0.00364	17.1	0.0554	13.6	0.00000729	0.0167	0.0112	0.00711	0.0186	0.00381	12.8	0.00000634	0.000147	0.000226	0.000798	0.0403	0.00000717	2.47	0.00349	2.87	0.058	0.000918	1.53	0.00487	0.00425	0.00016	0.000329	0.00018	0.0784	0.00000771	0.000442	0.000592	0.00267
2049 Dec	81.8	0.139	0.185	0.00378	17.7	0.0565	14.1	0.00000739	0.0172	0.0117	0.00721	0.0191	0.004	13.2	0.00000642	0.000151	0.000233	0.000819	0.0417	0.00000737	2.54	0.00363	2.94	0.0606	0.000958	1.57	0.00507	0.00439	0.000149	0.00034	0.000187	0.081	0.00000783	0.00046	0.000607	0.0027
2050 Jan	83.4	0.143	0.19	0.00387	18	0.0571	14.4	0.00000746	0.0175	0.012	0.00727	0.0195	0.00412	13.5	0.00000647	0.000154	0.000237	0.000833	0.0426	0.00000751	2.59	0.00372	2.99	0.0624	0.000984	1.59	0.00521	0.00449	0.000141	0.000347	0.000192	0.0827	0.0000079	0.000472	0.000617	0.00272
2050 Feb	84.4	0.145	0.193	0.00392	18.2	0.0575	14.6	0.0000075	0.0177	0.0123	0.00731	0.0196	0.0042	13.7	0.0000065	0.000156	0.00024	0.000841	0.0432	0.00000758	2.61	0.00378	3.02	0.0635	0.000999	1.6	0.00529	0.00454	0.000137	0.000351	0.000194	0.0837	0.00000794	0.000479	0.000622	0.00273
2050 Mar	85.1	0.147	0.195	0.00396	18.4	0.0578	14.7	0.00000753	0.0179	0.0124	0.00733	0.0198	0.00426	13.8	0.00000652	0.000157	0.000242	0.000847	0.0436	0.00000764	2.63	0.00382	3.04	0.0643	0.00101	1.61	0.00535	0.00459	0.000134	0.000354	0.000197	0.0845	0.00000797	0.000485	0.000627	0.00273
2050 Apr	85.2	0.148	0.195	0.00397	18.4	0.058	14.8	0.00000754	0.0178	0.0125	0.00735	0.0198	0.00427	13.8	0.00000652	0.000157	0.000243	0.000847	0.0437	0.00000765	2.64	0.00383	3.05	0.0645	0.00101	1.62	0.00537	0.00475	0.000131	0.000354	0.000197	0.0846	0.00000799	0.000485	0.000628	0.00273
2050 May	84.4	0.146	0.192	0.00392	18.2	0.0578	14.6	0.00000755	0.0176	0.0123	0.00736	0.0197	0.00422	13.7	0.00000647	0.000156	0.00024	0.00084	0.0431	0.0000076	2.62	0.00379	3.03	0.0636	0.000999	1.61	0.00531	0.00491	0.000127	0.00035	0.000195	0.0837	0.00000798	0.000479	0.000625	0.00272
2050 Jun	77.1	0.125	0.167	0.00344	16.6	0.0543	13	0.00000705	0.0146	0.0102	0.00689	0.0185	0.00352	12.4	0.00000557	0.000137	0.000213	0.000733	0.0367	0.00000666	2.39	0.00327	2.83	0.0538	0.000842	1.53	0.00455	0.00426	0.0000745	0.000297	0.000167	0.0753	0.00000739	0.0004	0.000555	0.00244
2050 Jul	79.2	0.131	0.174	0.00357	17.1	0.0553	13.4	0.00000722	0.0153	0.0106	0.00706	0.0189	0.00372	12.8	0.00000573	0.000142	0.000223	0.000757	0.0388	0.00000688	2.44	0.00341	2.9	0.0566	0.000877	1.56	0.00475	0.00436	0.0000728	0.000307	0.000174	0.0778	0.00000756	0.000417	0.000572	0.00249
2050 Aug	74	0.12	0.16	0.00332	16	0.0526	12.5	0.00000709	0.0146	0.00979	0.00695	0.0178	0.00344	11.9	0.0000055	0.000135	0.00021	0.000719	0.0372	0.00000655	2.29	0.00319	2.72	0.0523	0.000809	1.47	0.00441	0.00405	0.0000692	0.000287	0.000162	0.0725	0.00000741	0.000385	0.000549	0.00243
2050 Sep	73.4	0.121	0.161	0.00334	15.8	0.0514	12.4	0.00000703	0.0147	0.00975	0.00689	0.0174	0.00346	11.8	0.00000548	0.000134	0.000205	0.000718	0.0377	0.00000653	2.26	0.0032	2.67	0.0525	0.000811	1.44	0.00435	0.00396	0.000069	0.000287	0.000163	0.0721	0.00000735	0.000386	0.000546	0.00241
2050 Oct	75.8	0.126	0.167	0.00345	16.3	0.0528	12.9	0.00000708	0.0153	0.0101	0.00694	0.0178	0.00361	12.2	0.00000596	0.000137	0.000215	0.000746	0.0385	0.00000666	2.32	0.00331	2.75	0.0546	0.00084	1.48	0.00451	0.00405	0.000137	0.000298	0.000169	0.0747	0.0000074	0.000399	0.000555	0.00253
2050 Nov	79.1	0.133	0.177	0.00363	17.1	0.0544	13.4	0.00000719	0.016	0.0107	0.00704	0.0184	0.00384	12.7	0.00000625	0.000142	0.000225	0.000777	0.04	0.00000688	2.42	0.00348	2.85	0.0579	0.000887	1.53	0.00476	0.00422	0.000159	0.000312	0.000177	0.0782	0.00000752	0.00042	0.000571	0.0026
2050 Dec	81.6	0.139	0.185	0.00377	17.6	0.0555	13.9	0.00000729	0.0164	0.0112	0.00713	0.0189	0.00403	13.2	0.00000632	0.000146	0.000232	0.000797	0.0414	0.00000708	2.49	0.00362	2.92	0.0606	0.000926	1.56	0.00496	0.00436	0.000148	0.000323	0.000184	0.0809	0.00000763	0.000438	0.000586	0.00263
2051 Jan	83.2	0.143	0.19	0.00386	18	0.0561	14.2	0.00000735	0.0167	0.0115	0.00719	0.0193	0.00416	13.4	0.00000637	0.000148	0.000237	0.000811	0.0423	0.0000072	2.54	0.00371	2.97	0.0624	0.000951	1.59	0.0051	0.00446	0.000141	0.00033	0.000188	0.0826	0.0000077	0.00045	0.000595	0.00264
2051 Feb	84.1	0.146	0.192	0.00391	18.2	0.0565	14.4	0.00000739	0.0169	0.0117	0.00723	0.0195	0.00423	13.6	0.0000064	0.00015	0.000239	0.000818	0.0429	0.00000728	2.56	0.00377	3	0.0635	0.000966	1.6	0.00518	0.00451	0.000137	0.000334	0.000191	0.0836	0.00000774	0.000457	0.000601	0.00265
2051 Mar	84.9	0.148	0.195	0.00395	18.4	0.0568	14.6	0.00000742	0.0171	0.0119	0.00725	0.0196	0.00429	13.7	0.00000643	0.000151	0.000241	0.000825	0.0433	0.00000733	2.58	0.00381	3.02	0.0643	0.000978	1.61	0.00524	0.00456	0.000133	0.000337	0.000193	0.0844	0.00000777	0.000463	0.000605	0.00266
2051 Apr	84.9	0.148	0.194	0.00395	18.3	0.0569	14.6	0.00000743	0.017	0.0119	0.00727	0.0196	0.0043	13.7	0.00000641	0.000151	0.000242	0.000825	0.0433	0.00000734	2.58	0.00381	3.02	0.0644	0.000978	1.61	0.00525	0.00474	0.00013	0.000337	0.000193	0.0844	0.00000778	0.000463	0.000606	0.00266
2051 May	84.1	0.146	0.191	0.0039	18.1	0.0568	14.4	0.00000744	0.0168	0.0118	0.00727	0.0195	0.00424	13.6	0.00000637	0.00015	0.000239	0.000817	0.0427	0.00000729	2.56	0.00377	3	0.0634	0.000964	1.61	0.00519	0.00491	0.000126	0.000333	0.000191	0.0834	0.00000778	0.000456	0.000602	0.00265
2051 Jun	77.1	0.125	0.167	0.00342	16.6	0.0543	12.9	0.00000704	0.0146	0.00974	0.00689	0.0185	0.00355	12.3	0.00000558	0.000137	0.000213	0.000732	0.0366	0.00000668	2.38	0.00328	2.82	0.0539	0.000828	1.53	0.00447	0.00425	0.0000748	0.000295	0.000167	0.0753	0.00000738	0.0004	0.000553	0.00243
2051 Jul	79.1	0.131	0.173	0.00355	17.1	0.0554	13.4	0.00000724	0.0156	0.0102	0.00707	0.0189	0.00375	12.7	0.00000577	0.000143	0.000223	0.000761	0.0388	0.00000698	2.45	0.00343	2.88	0.0567	0.000867	1.56	0.00468	0.00435	0.0000733	0.00031	0.000175	0.0778	0.00000761	0.000424	0.000575	0.00251
2051 Aug	73.8	0.12	0.159	0.0033	15.9	0.0526	12.4	0.0000071	0.0149	0.00936	0.00695	0.0177	0.00345	11.9	0.00000553	0.000135	0.00021	0.000721	0.0372	0.00000663	2.29	0.0032	2.7	0.0523	0.000797	1.47	0.00433	0.00403	0.0000696	0.000288	0.000163	0.0724	0.00000744	0.00039	0.00055	0.00244
2051 Sep	73.1	0.121	0.159	0.00331	15.8	0.0515	12.3	0.00000705	0.0149	0.00932	0.0069	0.0173	0.00346	11.8	0.0000055	0.000135	0.000205	0.000718	0.0376	0.0000066	2.26	0.0032	2.65	0.0524	0.000797	1.44	0.00427	0.00395	0.0000694	0.000287	0.000164	0.0719	0.00000738	0.000389	0.000547	0.00242
2051 Oct	75.3	0.125	0.166	0.00341	16.3	0.0528	12.7	0.00000709	0.0154	0.00964	0.00693	0.0177	0.0036	12.1	0.00000598	0.000137	0.000214	0.000745	0.0382	0.00000671	2.32	0.0033	2.72	0.0544	0.000823	1.47	0.00441	0.00402	0.000138	0.000297	0.000168	0.0743	0.00000742	0.000401	0.000554	0.00253
2051 Nov	78.8	0.133	0.176	0.00359	17	0.0545	13.3	0.0000072	0.0161	0.0102	0.00704	0.0184	0.00384	12.7	0.00000627	0.000142	0.000225	0.000777	0.0398	0.00000694	2.42	0.00348	2.82	0.0578	0.000871	1.52	0.00467	0.0042	0.00016	0.000312	0.000177	0.0779	0.00000754	0.000424	0.000571	0.00261
2051 Dec	81.3	0.139	0.183	0.00373	17.6	0.0555	13.8	0.0000073	0.0166	0.0107	0.00713	0.0189	0.00403	13.1	0.00000634	0.000146	0.000232	0.000797	0.0412	0.00000714	2.49	0.00362	2.9	0.0605	0.000909	1.56	0.00487	0.00434	0.000149	0.000323	0.000184	0.0806	0.00000765	0.000442	0.000586	0.00263
2052 Jan	82.8	0.143	0.188	0.00382	17.9	0.0562	14.1	0.00000736	0.0169	0.011	0.00719	0.0192	0.00415	13.3	0.00000639	0.000149	0.000236	0.000811	0.0421	0.00000727	2.54	0.00371	2.94	0.0623	0.000934	1.58	0.005	0.00444	0.000142	0.00033	0.000188	0.0823	0.00000772	0.000454	0.000595	0.00265
2052 Feb	83.8	0.145	0.191	0.00387	18.1	0.0566	14.3	0.0000074	0.0171	0.0112	0.00723	0.0194	0.00423	13.5	0.00000642	0.00015	0.000239	0.000818	0.0427	0.00000734	2.56	0.00376	2.97	0.0633	0.000949	1.6	0.00508	0.00449	0.000137	0.000334	0.000191	0.0833	0.00000776	0.000461	0.000601	0.00266
2052 Mar	84.5	0.147	0.193	0.00391	18.3	0.0569	14.4	0.00000743	0.0173	0.0114	0.00725	0.0196	0.00429	13.6	0.00000645	0.000152	0.000241	0.000825	0.0431	0.0000074	2.58	0.00381	2.99	0.0642	0.000961	1.61	0.00514	0.00454	0.000134	0.000337	0.000193	0.0841	0.0000078	0.000467	0.000605	0.00266
2052 Apr	84.3	0.147	0.192	0.0039	18.2	0.0569	14.4	0.00000743	0.0172	0.0114	0.00726	0.0195	0.00429	13.6	0.00000642	0.000151	0.000241	0.000823	0.043	0.00000739	2.58	0.0038	2.99	0.0641	0.000958	1.61	0.00514	0.00475	0.00013	0.000336	0.000193	0.0839	0.0000078	0.000465	0.000605	0.00266
2052 May	83.4	0.145	0.189	0.00385	18	0.0568	14.3	0.00000743	0.0169	0.0112	0.00726	0.0194	0.00422	13.4	0.00000636	0.00015	0.000238	0.000815	0.0424	0.00000733	2.55	0.00375	2.97	0.063	0.000943	1.6	0.00507	0.00497	0.000126	0.000331	0.00019	0.0828	0.00000779	0.000458	0.000601	0.00265
2052 Jun	76.5	0.124	0.165	0.00339	16.5	0.0535	12.8	0.00000696	0.0141	0.00927	0.00683	0.0183	0.00353	12.2	0.00000551	0.000133	0.000211	0.000715	0.0362	0.00000648	2.34	0.00325	2.79	0.0535	0.0008	1.53	0.00437	0.00423	0.0000744	0.000283	0.000164	0.0748	0.00000725	0.000385	0.000537	0.00238
2052 Jul	79.1	0.131	0.173	0.00354	17.1	0.0545	13.2	0.00000714	0.0149	0.00978	0.007	0.0188	0.00376	12.7	0.00000569	0.000138	0.000223	0.000742	0.0386	0.00000671	2.41	0.00342	2.86	0.0568	0.00084	1.56	0.00459	0.00433	0.000073	0.000295	0.000172	0.0777	0.00000743	0.000404	0.000555	0.00244
2052 Aug	73.7	0.121	0.159	0.00329	15.9	0.0518	12.3	0.00000702	0.0142	0.00899	0.00689	0.0176	0.00346	11.8	0.00000545	0.000131	0.00021	0.000704	0.037	0.00000638	2.25	0.00318	2.69	0.0524	0.000773	1.47	0.00425	0.00402	0.0000694	0.000274	0.00016	0.0723	0.00000727	0.000372	0.000533	0.00238
2052 Sep	72.9	0.121	0.159	0.0033	15.7	0.0507	12.2	0.00000695	0.0143	0.00894	0.00683	0.0172	0.00347	11.7	0.00000542	0.00013	0.000204	0.0007	0.0373	0.00000634	2.22	0.00318	2.63	0.0525	0.000772	1.44	0.00418	0.00392	0.000069	0.000273	0.000161	0.0718	0.00000721	0.000371	0.000529	0.00236
2052 Oct	75.3	0.126	0.166	0.00341	16.2	0.052	12.6	0.000007	0.0148	0.00927	0.00687	0.0176	0.00362	12.1	0.00000589	0.000133	0.000214	0.000728	0.0381	0.00000647	2.28	0.00329	2.7	0.0546	0.000799	1.47	0.00434	0.00401	0.000136	0.000284	0.000166	0.0743	0.00000726	0.000384	0.000537	0.00247
2052 Nov	78.6	0.133	0.175	0.00358	17	0.0536	13.2	0.00000711	0.0155	0.0098	0.00697	0.0182	0.00384	12.6	0.00000618	0.000137	0.000224	0.000758	0.0396	0.00000668	2.38	0.00346	2.8	0.0578	0.000844	1.52	0.00458	0.00417	0.000158	0.000298	0.000174	0.0778	0.00000737	0.000405	0.000553	0.00254
2052 Dec	81	0.139	0.183	0.00371	17.5	0.0546	13.7	0.0000072	0.0159	0.0103	0.00706	0.0187	0.00403	13	0.00000625	0.000141	0.000231	0.000778	0.0409	0.00000687	2.45	0.0036	2.88	0.0605	0.000881	1.56	0.00477	0.00432	0.000147	0.000308	0.000181	0.0804	0.00000747	0.000422	0.000566	0.00256
2053 Jan	82.6	0.143	0.187	0.0038	17.9	0.0552	14	0.00000726	0.0162	0.0106	0.00711	0.0191	0.00415	13.3	0.0000063	0.000144	0.000235	0.000791	0.0418	0.00000699	2.49	0.00369	2.92	0.0623	0.000905	1.58	0.0049	0.00441	0.00014	0.000314	0.000185	0.0821	0.00000754	0.000434	0.000575	0.00258
2053 Feb	83.5	0.146	0.19	0.00385	18.1	0.0556	14.1	0.0000073	0.0164	0.0107	0.00715	0.0192	0.00423	13.4	0.00000633	0.000145	0.000238	0.000798	0.0424	0.00000706	2.52	0.00374	2.95	0.0633	0.000919	1.59	0.00498	0.00446	0.000136	0.000318	0.000188	0.0831	0.00000758	0.000441	0.00058	0.00259
2053 Mar	84.3	0.148	0.192	0.00389	18.2	0.0559	14.3	0.00000733	0.0165	0.0109	0.00718	0.0194	0.00429	13.5	0.00000635	0.000146	0.00024	0.000804	0.0428	0.00000712	2.54	0.00379	2.97	0.0642	0.00093	1.6	0.00504	0.00451	0.000133	0.000321	0.00019	0.0839	0.00000761	0.000446	0.000585	0.00259
2053 Apr	84.4	0.148	0.193	0.0039	18.2	0.0561	14.3	0.00000734	0.0165	0.0109	0.0072	0.0194	0.00431	13.6	0.00000635	0.000147	0.000241	0.000806	0.0429	0.00000714	2.54	0.0038	2.98	0.0644	0.000933	1.61	0.00506	0.00466	0.00013	0.000322	0.000191	0.084	0.00000762	0.000447	0.000586	0.00259
2053 May	84.1	0.147	0.191	0.00388	18.1	0.0562	14.3	0.00000737	0.0165	0.0109	0.00722	0.0194	0.00428	13.5	0.00000633	0.000147	0.000239	0.000803	0.0426	0.00000713	2.54	0.00378	2.97	0.0639	0.000926	1.61	0.00504	0.00482	0.000126	0.00032	0.00019	0.0836	0.00000765	0.000445	0.000586	0.0026
2053 Jun	76.3	0.124	0.164	0.00335	16.4	0.0537	12.7	0.00000699	0.0144	0.00886	0.00684	0.0183	0.00351	12.2	0.00000553	0.000134	0.000211	0.000719	0.0361	0.00000657	2.35	0.00325	2.77	0.0535	0.000789	1.52	0.00429	0.0042	0.0000748	0.000285	0.000165	0.0746	0.0000073	0.000391	0.00054	0.0024
2053 Jul	78.8	0.131	0.171	0.0035	17	0.0549	13.2	0.00000717	0.0152	0.00933	0.00702	0.0188	0.00373	12.6	0.00000572	0.000139	0.000222	0.000747	0.0384	0.00000683	2.43	0.00341	2.84	0.0567	0.000828	1.56	0.00451	0.00432	0.0000735	0.000298	0.000173	0.0775	0.00000749	0.000412	0.00056	0.00246
2053 Aug	73.3	0.12	0.156	0.00324	15.8	0.052	12.2	0.00000703	0.0145	0.00854	0.00689	0.0176	0.00342	11.8	0.00000547	0.000132	0.000209	0.000706	0.0367	0.00000648	2.26	0.00317	2.66	0.0521	0.000759	1.46	0.00416	0.00399	0.0000696	0.000276	0.000161	0.0719	0.00000732	0.000378	0.000535	0.00239
2053 Sep	72.7	0.12	0.157	0.00325	15.7	0.0509	12.1	0.00000698	0.0146	0.00852	0.00684	0.0172	0.00344	11.7	0.00000545	0.000131	0.000204	0.000705	0.0372	0.00000646	2.23	0.00318	2.61	0.0523	0.000762	1.43	0.0041	0.00391	0.0000694	0.000276	0.000162	0.0715	0.00000727	0.000379	0.000533	0.00238
2053 Oct	75	0.125	0.164	0.00336	16.2	0.0522	12.5	0.00000702	0.0151	0.00883	0.00688	0.0176	0.00358	12	0.00000593	0.000134	0.000213	0.000732	0.0379	0.00000657	2.29	0.00328	2.68	0.0544	0.000788	1.47	0.00425	0.00399	0.000138	0.000286	0.000167	0.074	0.00000731	0.000391	0.00054	0.00249
2053 Nov	78.3	0.132	0.173	0.00353	16.9	0.0538	13.1	0.00000713	0.0158	0.00935	0.00698	0.0182	0.00381	12.5	0.00000622	0.000138	0.000224	0.000762	0.0394	0.00000679	2.39	0.00345	2.78	0.0577	0.000832	1.52	0.0045	0.00416	0.00016	0.0003	0.000175	0.0775	0.00000742	0.000412	0.000556	0.00256
2053 Dec	80.8	0.139	0.181	0.00367	17.5	0.0549	13.6	0.00000723	0.0163	0.00979	0.00707	0.0187	0.004	13	0.00000629	0.000142	0.00023	0.000782	0.0408	0.00000699	2.46	0.00359	2.86	0.0604	0.000869	1.55	0.00469	0.0043	0.000149	0.000311	0.000182	0.0802	0.00000753	0.000431	0.00057	0.00259
2054 Jan	82.4	0.143	0.186	0.00376	17.8	0.0555	13.9	0.00000729	0.0166	0.0101	0.00713	0.0191	0.00412	13.2	0.00000634	0.000145	0.000235	0.000796	0.0417	0.00000712	2.51	0.00368	2.9	0.0622	0.000894	1.58	0.00481	0.0044	0.000141	0.000318	0.000186	0.0819	0.0000076	0.000443	0.00058	0.0026
2054 Feb	83.3	0.145	0.188	0.00381	18	0.0559	14.1	0.00000733	0.0168	0.0103	0.00717	0.0193	0.0042	13.4	0.00000637	0.000147	0.000238	0.000803	0.0422	0.0000072	2.53	0.00374	2.93	0.0633	0.000908	1.59	0.00489	0.00445	0.000137	0.000322	0.000189	0.0829	0.00000764	0.00045	0.000585	0.00261
2054 Mar	84	0.147	0.19	0.00385	18.2	0.0562	14.2	0.00000736	0.017	0.0104	0.0072	0.0194	0.00426	13.5	0.0000064	0.000148	0.00024	0.00081	0.0427	0.00000726	2.55	0.00378	2.95	0.0641	0.000919	1.6	0.00495	0.0045	0.000134	0.000325	0.000191	0.0837	0.00000768	0.000456	0.00059	0.00262
2054 Apr	83.9	0.147	0.19	0.00384	18.1	0.0563	14.2	0.00000737	0.0169	0.0104	0.0072	0.0194	0.00426	13.5	0.00000637	0.000148	0.000239	0.000808	0.0426	0.00000726	2.55	0.00378	2.95	0.064	0.000917	1.6	0.00495	0.00471	0.00013	0.000324	0.000191	0.0834	0.00000768	0.000455	0.00059	0.00261
2054 May	82.9	0.145	0.186	0.00378	17.9	0.0561	14	0.00000737	0.0166	0.0102	0.00721	0.0192	0.00418	13.3	0.00000631	0.000146	0.000236	0.0008	0.0419	0.00000719	2.52	0.00372	2.92	0.0629	0.000901	1.59	0.00488	0.00493	0.000126	0.00032	0.000188	0.0823	0.00000768	0.000447	0.000586	0.0026
2054 Jun	76	0.124	0.163	0.00332	16.4	0.0529	12.5	0.0000069	0.0138	0.00848	0.00677	0.0182	0.00349	12.1	0.00000546	0.00013	0.00021	0.000702	0.0358	0.00000634	2.31	0.00322	2.75	0.0534	0.000764	1.52	0.00421	0.00419	0.0000745	0.000272	0.000162	0.0743	0.00000714	0.000374	0.000524	0.00234
2054 Jul	78.4	0.131	0.17	0.00347	16.9	0.0539	13	0.00000708	0.0146	0.00894	0.00694	0.0186	0.00371	12.5	0.00000564	0.000134	0.000221	0.000728	0.0382	0.00000658	2.38	0.00339	2.82	0.0566	0.000802	1.55	0.00442	0.00428	0.000073	0.000284	0.00017	0.0771	0.00000732	0.000394	0.000541	0.0024
2054 Aug	73.4	0.121	0.157	0.00324	15.9	0.0514	12.2	0.00000698	0.0141	0.00826	0.00685	0.0175	0.00343	11.8	0.00000543	0.000129	0.000209	0.000695	0.0368	0.00000631	2.23	0.00317	2.65	0.0525	0.000743	1.46	0.00411	0.00399	0.0000697	0.000267	0.00016	0.0721	0.0000072	0.000366	0.000523	0.00235
2054 Sep	72.6	0.12	0.157	0.00324	15.7	0.0506	12	0.00000694	0.0144	0.00819	0.00681	0.0171	0.00343	11.6	0.00000542	0.000129	0.000204	0.000697	0.0371	0.00000636	2.21	0.00317	2.6	0.0525	0.000745	1.43	0.00404	0.0039	0.0000695	0.00027	0.000161	0.0715	0.00000719	0.000371	0.000524	0.00235
2054 Oct	74.7	0.125	0.162	0.00333	16.1	0.0519	12.4	0.00000699	0.0149	0.00845	0.00685	0.0175	0.00355	11.9	0.0000059	0.000132	0.000212	0.000724	0.0377	0.00000649	2.27	0.00326	2.66	0.0543	0.000769	1.46	0.00418	0.00397	0.000137	0.00028	0.000165	0.0737	0.00000725	0.000385	0.000533	0.00247
2054 Nov	78	0.132	0.172	0.00349	16.9	0.0535	13	0.00000709	0.0156	0.00894	0.00695	0.0181	0.00377	12.5	0.00000618	0.000137	0.000223	0.000754	0.0392	0.00000672	2.37	0.00343	2.76	0.0575	0.000813	1.51	0.00441	0.00414	0.00016	0.000294	0.000173	0.0772	0.00000737	0.000406	0.000549	0.00254
2054 Dec	80.4	0.138	0.179	0.00363	17.4	0.0545	13.4	0.00000719	0.0161	0.00935	0.00704	0.0186	0.00395	12.9	0.00000626	0.00014	0.000229	0.000774	0.0405	0.00000691	2.44	0.00357	2.83	0.0602	0.000848	1.55	0.00459	0.00428	0.000149	0.000304	0.00018	0.0798	0.00000747	0.000424	0.000562	0.00256
2055 Jan	82	0.142	0.184	0.00371	17.8	0.0551	13.7	0.00000725	0.0164	0.00963	0.0071	0.019	0.00408	13.1	0.0000063	0.000143	0.000234	0.000786	0.0414	0.00000703	2.48	0.00366	2.88	0.062	0.000872	1.57	0.00472	0.00437	0.000141	0.000311	0.000185	0.0815	0.00000753	0.000435	0.000571	0.00257
2055 Feb	82.9	0.144	0.186	0.00376	18	0.0555	13.9	0.00000729	0.0166	0.00979	0.00713	0.0191	0.00415	13.3	0.00000633	0.000144	0.000237	0.000794	0.0419	0.0000071	2.51	0.00371	2.9	0.063	0.000885	1.58	0.00479	0.00442	0.000137	0.000315	0.000187	0.0824	0.00000757	0.000442	0.000576	0.00258
2055 Mar	83.6	0.146	0.188	0.0038	18.1	0.0558	14	0.00000731	0.0167	0.00993	0.00716	0.0193	0.00421	13.4	0.00000636	0.000146	0.000239	0.0008	0.0424	0.00000716	2.53	0.00375	2.92	0.0639	0.000896	1.59	0.00485	0.00447	0.000134	0.000317	0.000189	0.0832	0.0000076	0.000448	0.00058	0.00259
2055 Apr	83.3	0.146	0.187	0.00379	18	0.0558	14	0.00000732	0.0166	0.0099	0.00716	0.0192	0.0042	13.4	0.00000633	0.000145	0.000238	0.000798	0.0422	0.00000715	2.52	0.00374	2.92	0.0637	0.000893	1.59	0.00484	0.00469	0.00013	0.000316	0.000189	0.0829	0.0000076	0.000446	0.00058	0.00258
2055 May	82.1	0.143	0.183	0.00372	17.7	0.0555	13.8	0.00000731	0.0163	0.00969	0.00716	0.019	0.00411	13.2	0.00000625	0.000144	0.000234	0.000787	0.0414	0.00000706	2.49	0.00368	2.89	0.0623	0.000873	1.58	0.00476	0.00492	0.000126	0.000311	0.000185	0.0815	0.00000758	0.000436	0.000574	0.00257
2055 Jun	76.2	0.124	0.163	0.00331	16.4	0.053	12.5	0.00000691	0.0139	0.00818	0.00677	0.0182	0.00349	12.1	0.00000548	0.00013	0.000211	0.000703	0.0359	0.00000638	2.32	0.00323	2.74	0.0538	0.000757	1.52	0.00416	0.00419	0.0000745	0.000272	0.000163	0.0745	0.00000715	0.000377	0.000523	0.00234
2055 Jul	77.8	0.129	0.168	0.00341	16.8	0.0539	12.9	0.00000708	0.0147	0.0085	0.00694	0.0185	0.00365	12.4	0.00000564	0.000134	0.00022	0.000727	0.0378	0.00000663	2.38	0.00336	2.79	0.0562	0.000786	1.54	0.00432	0.00426	0.0000731	0.000283	0.00017	0.0765	0.00000734	0.000396	0.000541	0.00241
2055 Aug	72.5	0.119	0.153	0.00317	15.7	0.0512	12	0.00000696	0.0141	0.00779	0.00683	0.0173	0.00335	11.6	0.0000054	0.000128	0.000207	0.00069	0.0363	0.00000632	2.22	0.00312	2.61	0.0517	0.000723	1.45	0.004	0.00394	0.0000694	0.000265	0.000158	0.0711	0.0000072	0.000366	0.00052	0.00235
2055 Sep	72.2	0.12	0.155	0.00319	15.6	0.0504	11.9	0.00000693	0.0144	0.00781	0.00679	0.0171	0.00338	11.5	0.00000541	0.000129	0.000203	0.000693	0.0369	0.00000635	2.2	0.00315	2.57	0.0522	0.00073	1.43	0.00396	0.00388	0.0000695	0.000267	0.00016	0.0711	0.00000717	0.00037	0.000521	0.00234
2055 Oct	74.4	0.124	0.161	0.00329	16.1	0.0517	12.3	0.00000697	0.0149	0.00807	0.00683	0.0174	0.00351	11.9	0.00000588	0.000131	0.000212	0.00072	0.0375	0.00000647	2.27	0.00324	2.64	0.0541	0.000754	1.46	0.0041	0.00395	0.000137	0.000277	0.000165	0.0734	0.00000722	0.000382	0.000529	0.00245
2055 Nov	77.8	0.132	0.17	0.00346	16.8	0.0533	12.9	0.00000708	0.0156	0.00857	0.00693	0.0181	0.00374	12.4	0.00000618	0.000136	0.000223	0.000751	0.0391	0.00000671	2.36	0.00342	2.74	0.0576	0.000799	1.51	0.00434	0.00412	0.000159	0.000292	0.000173	0.077	0.00000734	0.000405	0.000545	0.00253
2055 Dec	80.3	0.138	0.178	0.00359	17.4	0.0544	13.4	0.00000718	0.0161	0.00897	0.00703	0.0186	0.00393	12.8	0.00000625	0.00014	0.000229	0.000772	0.0405	0.00000692	2.44	0.00356	2.82	0.0603	0.000836	1.54	0.00453	0.00427	0.000148	0.000303	0.00018	0.0797	0.00000746	0.000425	0.00056	0.00255
2056 Jan	81.9	0.142	0.183	0.00368	17.7	0.0551	13.7	0.00000725	0.0165	0.00924	0.00709	0.0189	0.00405	13.1	0.00000631	0.000143	0.000234	0.000786	0.0413	0.00000706	2.49	0.00365	2.86	0.0621	0.000859	1.57	0.00465	0.00436	0.00014	0.00031	0.000185	0.0814	0.00000753	0.000437	0.00057	0.00257
2056 Feb	82.8	0.144	0.185	0.00373	18	0.0555	13.8	0.00000729	0.0167	0.0094	0.00713	0.0191	0.00412	13.3	0.00000634	0.000144	0.000237	0.000794	0.0419	0.00000714	2.51	0.00371	2.89	0.0632	0.000873	1.58	0.00472	0.00442	0.000136	0.000314	0.000188	0.0824	0.00000758	0.000445	0.000575	0.00258
2056 Mar	83.5	0.146	0.187	0.00377	18.1	0.0558	14	0.00000732	0.0169	0.00953	0.00716	0.0193	0.00418	13.4	0.00000636	0.000146	0.000239	0.0008	0.0423	0.00000721	2.53	0.00375	2.91	0.064	0.000884	1.59	0.00478	0.00446	0.000133	0.000317	0.00019	0.0832	0.00000761	0.000451	0.00058	0.00259
2056 Apr	83.3	0.146	0.186	0.00375	18	0.0559	14	0.00000732	0.0168	0.0095	0.00716	0.0192	0.00417	13.3	0.00000634	0.000146	0.000238	0.000798	0.0421	0.0000072	2.53	0.00374	2.9	0.0638	0.000881	1.59	0.00477	0.00469	0.000129	0.000316	0.000189	0.0828	0.00000762	0.00045	0.00058	0.00259
2056 May	82.2	0.143	0.182	0.00369	17.7	0.0557	13.8	0.00000732	0.0165	0.00932	0.00716	0.0191	0.00409	13.2	0.00000627	0.000144	0.000235	0.00079	0.0414	0.00000713	2.5	0.00368	2.88	0.0626	0.000864	1.58	0.0047	0.00493	0.000125	0.000311	0.000186	0.0816	0.00000761	0.000441	0.000576	0.00257
2056 Jun	75.6	0.123	0.16	0.00325	16.3	0.0531	12.4	0.00000692	0.0142	0.00775	0.00678	0.0181	0.00341	12	0.00000549	0.000131	0.00021	0.000704	0.0356	0.00000646	2.32	0.0032	2.72	0.0532	0.000743	1.51	0.00407	0.00416	0.0000746	0.000274	0.000163	0.0739	0.00000719	0.000382	0.000526	0.00236
2056 Jul	78.1	0.13	0.167	0.00339	16.9	0.0542	12.9	0.0000071	0.0149	0.00816	0.00695	0.0186	0.00362	12.4	0.00000567	0.000135	0.00022	0.000731	0.0378	0.0000067	2.39	0.00336	2.79	0.0564	0.000779	1.54	0.00427	0.00427	0.0000736	0.000285	0.000171	0.0767	0.00000737	0.000401	0.000543	0.00242
2056 Aug	72	0.117	0.151	0.00312	15.6	0.051	11.8	0.00000694	0.0142	0.00741	0.0068	0.0172	0.00329	11.5	0.00000539	0.000128	0.000205	0.000687	0.0361	0.00000632	2.21	0.0031	2.58	0.0514	0.000709	1.44	0.00391	0.00391	0.0000693	0.000263	0.000157	0.0706	0.00000718	0.000365	0.000517	0.00234
2056 Sep	72.3	0.12	0.155	0.00317	15.6	0.0502	11.9	0.00000691	0.0144	0.00751	0.00677	0.017	0.00336	11.5	0.00000541	0.000128	0.000203	0.000692	0.0369	0.00000634	2.2	0.00315	2.56	0.0525	0.000721	1.42	0.00391	0.00387	0.0000698	0.000265	0.00016	0.0712	0.00000715	0.000371	0.000518	0.00233
2056 Oct	74.4	0.124	0.16	0.00327	16.1	0.0515	12.3	0.00000694	0.0149	0.00776	0.00681	0.0174	0.00349	11.9	0.00000588	0.00013	0.000212	0.000717	0.0375	0.00000644	2.26	0.00324	2.63	0.0544	0.000743	1.45	0.00405	0.00394	0.000138	0.000274	0.000165	0.0734	0.00000718	0.000381	0.000525	0.00244
2056 Nov	77.6	0.131	0.169	0.00342	16.8	0.053	12.8	0.00000704	0.0155	0.0082	0.0069	0.018	0.0037	12.4	0.00000616	0.000134	0.000222	0.000745	0.0389	0.00000665	2.35	0.0034	2.72	0.0576	0.000783	1.5	0.00427	0.0041	0.00016	0.000287	0.000172	0.0767	0.00000729	0.000402	0.000539	0.00251
2056 Dec	79.9	0.137	0.176	0.00355	17.3	0.054	13.2	0.00000713	0.0159	0.00856	0.00698	0.0185	0.00387	12.7	0.00000622	0.000138	0.000228	0.000764	0.0402	0.00000683	2.42	0.00353	2.79	0.0602	0.000816	1.53	0.00444	0.00424	0.000149	0.000296	0.000179	0.0792	0.00000738	0.000419	0.000552	0.00253
2057 Jan	81.4	0.141	0.18	0.00363	17.6	0.0546	13.5	0.00000719	0.0162	0.00881	0.00704	0.0188	0.00399	13	0.00000627	0.00014	0.000233	0.000776	0.0411	0.00000695	2.46	0.00362	2.83	0.0619	0.000838	1.56	0.00455	0.00433	0.000141	0.000302	0.000183	0.0809	0.00000745	0.00043	0.00056	0.00254
2057 Feb	82.3	0.144	0.183	0.00367	17.8	0.0549	13.7	0.00000722	0.0164	0.00896	0.00707	0.019	0.00406	13.1	0.00000629	0.000142	0.000235	0.000783	0.0416	0.00000702	2.48	0.00367	2.86	0.0629	0.000851	1.57	0.00462	0.00438	0.000137	0.000306	0.000186	0.0818	0.00000748	0.000436	0.000565	0.00255
2057 Mar	83	0.145	0.185	0.00371	18	0.0552	13.8	0.00000725	0.0165	0.00908	0.0071	0.0191	0.00412	13.3	0.00000631	0.000143	0.000237	0.000789	0.042	0.00000708	2.5	0.00371	2.88	0.0638	0.00086	1.58	0.00468	0.00442	0.000134	0.000309	0.000188	0.0826	0.00000751	0.000441	0.000569	0.00255

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	82.6	0.145	0.184	0.00369	17.9	0.0552	13.8	0.00000725	0.0164	0.00905	0.0071	0.019	0.00411	13.2	0.00000628	0.000143	0.000237	0.000786	0.0418	0.00000706	2.5	0.0037	2.87	0.0635	0.000857	1.58	0.00467	0.00466	0.00013	0.000307	0.000187	0.0822	0.00000751	0.000439	0.000568	0.00255
2057 May	81.5	0.142	0.18	0.00363	17.5	0.055	13.6	0.00000725	0.0161	0.00887	0.0071	0.0189	0.00402	13	0.00000621	0.000141	0.000233	0.000776	0.041	0.00000699	2.46	0.00364	2.84	0.0622	0.000839	1.57	0.00459	0.00491	0.000125	0.000302	0.000184	0.0809	0.0000075	0.00043	0.000563	0.00253
2057 Jun	75.3	0.123	0.159	0.00322	16.2	0.0523	12.3	0.00000684	0.0136	0.00743	0.00671	0.018	0.00338	11.9	0.00000541	0.000127	0.000209	0.000689	0.0354	0.00000626	2.29	0.00318	2.7	0.0532	0.000721	1.5	0.004	0.00414	0.000074	0.000262	0.000161	0.0736	0.00000704	0.000368	0.000511	0.0023
2057 Jul	77.5	0.129	0.165	0.00334	16.8	0.0533	12.7	0.00000701	0.0144	0.00779	0.00688	0.0184	0.00357	12.3	0.00000558	0.000131	0.000219	0.000713	0.0374	0.00000648	2.35	0.00332	2.76	0.0561	0.000753	1.53	0.00418	0.00423	0.000073	0.000272	0.000168	0.0762	0.00000722	0.000385	0.000527	0.00236
2057 Aug	72.1	0.118	0.151	0.0031	15.6	0.0506	11.8	0.00000688	0.0137	0.00713	0.00677	0.0172	0.00327	11.5	0.00000534	0.000124	0.000206	0.000676	0.0359	0.00000616	2.19	0.00308	2.58	0.0516	0.00069	1.44	0.00386	0.00391	0.0000692	0.000253	0.000156	0.0706	0.00000707	0.000353	0.000505	0.0023
2057 Sep	71.4	0.118	0.152	0.00311	15.4	0.0494	11.7	0.00000682	0.0138	0.0071	0.00671	0.0168	0.00328	11.4	0.00000531	0.000124	0.000201	0.000673	0.0363	0.00000612	2.15	0.00309	2.53	0.0517	0.000691	1.41	0.0038	0.00382	0.0000689	0.000252	0.000156	0.0702	0.00000701	0.000353	0.000502	0.00228
2057 Oct	73.8	0.123	0.158	0.00322	15.9	0.0508	12.1	0.00000687	0.0143	0.00737	0.00675	0.0172	0.00343	11.7	0.00000579	0.000126	0.00021	0.0007	0.037	0.00000623	2.22	0.0032	2.6	0.0539	0.000717	1.45	0.00395	0.00391	0.000137	0.000262	0.000161	0.0727	0.00000705	0.000365	0.000509	0.00239
2057 Nov	77.1	0.13	0.167	0.00338	16.7	0.0523	12.7	0.00000697	0.0149	0.00781	0.00684	0.0179	0.00364	12.3	0.00000607	0.000131	0.000221	0.000729	0.0385	0.00000644	2.31	0.00336	2.7	0.0572	0.000758	1.49	0.00417	0.00407	0.000159	0.000275	0.000169	0.0762	0.00000715	0.000386	0.000524	0.00246
2057 Dec	79.5	0.136	0.174	0.00351	17.2	0.0532	13.1	0.00000705	0.0154	0.00817	0.00692	0.0183	0.00382	12.6	0.00000614	0.000134	0.000227	0.000748	0.0399	0.00000662	2.38	0.0035	2.77	0.0599	0.000791	1.53	0.00435	0.00421	0.000148	0.000284	0.000176	0.0788	0.00000725	0.000402	0.000536	0.00248
2058 Jan	81	0.141	0.179	0.00359	17.5	0.0539	13.4	0.00000711	0.0157	0.00841	0.00698	0.0186	0.00394	12.9	0.00000619	0.000136	0.000232	0.00076	0.0407	0.00000673	2.42	0.00358	2.81	0.0616	0.000812	1.55	0.00446	0.0043	0.000141	0.00029	0.00018	0.0805	0.00000731	0.000413	0.000544	0.00249
2058 Feb	81.9	0.143	0.181	0.00364	17.7	0.0542	13.5	0.00000715	0.0158	0.00856	0.00701	0.0188	0.00401	13	0.00000621	0.000138	0.000234	0.000767	0.0412	0.0000068	2.45	0.00364	2.84	0.0627	0.000825	1.56	0.00453	0.00435	0.000136	0.000294	0.000183	0.0814	0.00000734	0.00042	0.000549	0.0025
2058 Mar	82.6	0.145	0.183	0.00367	17.9	0.0545	13.7	0.00000717	0.016	0.00867	0.00704	0.019	0.00407	13.2	0.00000624	0.000139	0.000236	0.000772	0.0417	0.00000686	2.47	0.00368	2.86	0.0635	0.000835	1.57	0.00459	0.00439	0.000133	0.000296	0.000185	0.0822	0.00000737	0.000425	0.000553	0.0025
2058 Apr	82.3	0.144	0.182	0.00366	17.8	0.0545	13.6	0.00000718	0.0159	0.00864	0.00704	0.0189	0.00406	13.1	0.0000062	0.000139	0.000235	0.00077	0.0415	0.00000684	2.46	0.00367	2.85	0.0633	0.000831	1.57	0.00458	0.00463	0.000129	0.000295	0.000184	0.0818	0.00000737	0.000423	0.000552	0.00249
2058 May	81.1	0.142	0.178	0.00359	17.5	0.0543	13.5	0.00000717	0.0156	0.00847	0.00704	0.0187	0.00397	12.9	0.00000613	0.000137	0.000232	0.00076	0.0407	0.00000677	2.43	0.0036	2.82	0.0619	0.000814	1.56	0.0045	0.00489	0.000125	0.00029	0.000181	0.0804	0.00000736	0.000414	0.000548	0.00248
2058 Jun	75.7	0.123	0.159	0.00321	16.3	0.0531	12.3	0.00000692	0.0144	0.00716	0.00677	0.0181	0.00338	12	0.00000551	0.000131	0.00021	0.000706	0.0357	0.00000652	2.33	0.0032	2.7	0.0537	0.000727	1.51	0.00397	0.00416	0.000075	0.000273	0.000164	0.074	0.0000072	0.000387	0.000525	0.00236
2058 Jul	77.6	0.129	0.164	0.00331	16.8	0.0545	12.7	0.00000714	0.0155	0.00747	0.00697	0.0186	0.00354	12.3	0.00000572	0.000137	0.00022	0.000737	0.0377	0.00000688	2.41	0.00334	2.75	0.0564	0.000762	1.53	0.00414	0.00425	0.0000743	0.000289	0.000172	0.0763	0.00000746	0.000413	0.000549	0.00245
2058 Aug	71.7	0.117	0.148	0.00305	15.5	0.0514	11.7	0.00000698	0.0147	0.00678	0.00683	0.0173	0.00322	11.4	0.00000544	0.000129	0.000206	0.000694	0.0359	0.0000065	2.23	0.00308	2.56	0.0514	0.000693	1.43	0.0038	0.0039	0.00007	0.000267	0.000159	0.0703	0.00000728	0.000377	0.000524	0.00237
2058 Sep	71.5	0.118	0.15	0.00307	15.5	0.0506	11.7	0.00000695	0.0149	0.00681	0.00679	0.017	0.00325	11.4	0.00000545	0.00013	0.000202	0.000696	0.0365	0.00000651	2.21	0.00311	2.52	0.052	0.000701	1.41	0.00377	0.00384	0.0000702	0.000269	0.00016	0.0703	0.00000724	0.000381	0.000523	0.00236
2058 Oct	73.7	0.122	0.156	0.00317	15.9	0.052	12.1	0.00000699	0.0155	0.00704	0.00684	0.0174	0.00338	11.7	0.00000593	0.000132	0.000211	0.000724	0.0371	0.00000665	2.28	0.00321	2.59	0.0539	0.000725	1.44	0.0039	0.00391	0.000138	0.00028	0.000166	0.0727	0.0000073	0.000395	0.000532	0.00248
2058 Nov	76.9	0.129	0.165	0.00332	16.7	0.0536	12.6	0.0000071	0.0162	0.00745	0.00693	0.018	0.00359	12.2	0.00000621	0.000137	0.000221	0.000754	0.0386	0.00000689	2.37	0.00337	2.68	0.0572	0.000765	1.49	0.00412	0.00408	0.00016	0.000294	0.000174	0.076	0.00000742	0.000417	0.000548	0.00255
2058 Dec	79.2	0.135	0.172	0.00344	17.2	0.0545	13.1	0.00000719	0.0167	0.00778	0.00702	0.0185	0.00376	12.6	0.00000628	0.000141	0.000227	0.000773	0.0399	0.00000709	2.44	0.0035	2.75	0.0598	0.000798	1.52	0.00428	0.00421	0.000149	0.000303	0.00018	0.0785	0.00000752	0.000435	0.000561	0.00258
2059 Jan	80.7	0.139	0.176	0.00352	17.5	0.0552	13.3	0.00000725	0.017	0.00801	0.00708	0.0188	0.00388	12.9	0.00000633	0.000143	0.000232	0.000786	0.0407	0.00000721	2.48	0.00359	2.79	0.0615	0.000819	1.55	0.0044	0.0043	0.000142	0.00031	0.000185	0.0801	0.00000759	0.000446	0.00057	0.00259
2059 Feb	81.6	0.142	0.178	0.00357	17.7	0.0555	13.5	0.00000729	0.0172	0.00814	0.00711	0.019	0.00394	13	0.00000636	0.000145	0.000234	0.000793	0.0412	0.00000728	2.51	0.00364	2.82	0.0625	0.000831	1.56	0.00446	0.00435	0.000138	0.000313	0.000187	0.0811	0.00000763	0.000453	0.000575	0.0026
2059 Mar	82.3	0.144	0.18	0.0036	17.9	0.0558	13.6	0.00000732	0.0173	0.00825	0.00713	0.0191	0.004	13.1	0.00000638	0.000146	0.000236	0.000799	0.0416	0.00000734	2.53	0.00368	2.84	0.0633	0.000841	1.57	0.00452	0.00439	0.000135	0.000316	0.000189	0.0818	0.00000766	0.000458	0.000579	0.0026
2059 Apr	82.2	0.144	0.18	0.0036	17.8	0.0559	13.6	0.00000733	0.0173	0.00826	0.00714	0.0191	0.004	13.1	0.00000636	0.000146	0.000236	0.000798	0.0416	0.00000734	2.53	0.00368	2.84	0.0633	0.00084	1.57	0.00452	0.00459	0.000131	0.000316	0.000189	0.0817	0.00000766	0.000458	0.000579	0.0026
2059 May	81.4	0.142	0.177	0.00355	17.6	0.0558	13.5	0.00000733	0.0171	0.00813	0.00715	0.019	0.00394	13	0.00000631	0.000145	0.000234	0.000791	0.041	0.00000728	2.51	0.00363	2.82	0.0624	0.000827	1.56	0.00447	0.00477	0.000127	0.000312	0.000187	0.0808	0.00000766	0.000451	0.000576	0.00259
2059 Jun	74.8	0.121	0.155	0.00314	16.1	0.0527	12.1	0.00000687	0.0141	0.00677	0.00673	0.018	0.00328	11.8	0.00000545	0.000128	0.000208	0.000694	0.0351	0.00000642	2.3	0.00315	2.66	0.0529	0.000704	1.49	0.00387	0.00411	0.0000747	0.000266	0.000161	0.0731	0.00000713	0.000378	0.000516	0.00233
2059 Jul	76.9	0.127	0.161	0.00325	16.7	0.0535	12.5	0.00000703	0.0148	0.00709	0.00688	0.0184	0.00347	12.2	0.00000561	0.000132	0.000218	0.000716	0.0371	0.00000661	2.36	0.00329	2.72	0.0558	0.000733	1.52	0.00404	0.0042	0.0000734	0.000275	0.000168	0.0755	0.00000728	0.000393	0.00053	0.00238
2059 Aug	71.4	0.116	0.147	0.00302	15.4	0.0507	11.6	0.0000069	0.0141	0.00649	0.00676	0.0171	0.00317	11.4	0.00000536	0.000125	0.000204	0.000677	0.0356	0.00000627	2.19	0.00305	2.54	0.0513	0.000671	1.43	0.00373	0.00388	0.0000695	0.000255	0.000156	0.07	0.00000712	0.00036	0.000507	0.00231
2059 Sep	71.3	0.118	0.149	0.00305	15.4	0.0498	11.6	0.00000686	0.0143	0.00653	0.00673	0.0168	0.00321	11.3	0.00000536	0.000125	0.000201	0.000679	0.0362	0.00000627	2.17	0.00308	2.51	0.0519	0.000678	1.41	0.0037	0.00382	0.0000697	0.000256	0.000158	0.0701	0.00000708	0.000363	0.000507	0.0023
2059 Oct	73.4	0.122	0.155	0.00314	15.9	0.0511	12	0.0000069	0.0148	0.00675	0.00676	0.0172	0.00334	11.7	0.00000583	0.000128	0.00021	0.000705	0.0369	0.00000639	2.23	0.00317	2.57	0.0538	0.000701	1.44	0.00383	0.00389	0.000137	0.000266	0.000162	0.0724	0.00000712	0.000375	0.000514	0.00241
2059 Nov	76.6	0.129	0.164	0.00329	16.6	0.0526	12.5	0.000007	0.0155	0.00713	0.00686	0.0178	0.00354	12.2	0.00000611	0.000132	0.00022	0.000734	0.0383	0.00000661	2.33	0.00333	2.67	0.057	0.00074	1.48	0.00404	0.00405	0.000159	0.000279	0.00017	0.0757	0.00000723	0.000396	0.000529	0.00249
2059 Dec	79	0.135	0.171	0.00341	17.1	0.0535	12.9	0.00000709	0.0159	0.00746	0.00694	0.0183	0.00371	12.5	0.00000618	0.000136	0.000226	0.000753	0.0396	0.00000679	2.39	0.00346	2.73	0.0597	0.000772	1.52	0.00421	0.00419	0.000148	0.000288	0.000177	0.0782	0.00000733	0.000413	0.000541	0.0025
2060 Jan	80.5	0.139	0.175	0.00349	17.4	0.0542	13.2	0.00000715	0.0162	0.00768	0.00699	0.0186	0.00382	12.8	0.00000623	0.000138	0.000231	0.000765	0.0405	0.00000691	2.43	0.00355	2.77	0.0614	0.000793	1.54	0.00432	0.00427	0.000141	0.000294	0.000181	0.0798	0.00000739	0.000424	0.000549	0.00252
2060 Feb	81.4	0.141	0.177	0.00354	17.6	0.0545	13.4	0.00000718	0.0164	0.00781	0.00703	0.0188	0.00389	12.9	0.00000625	0.00014	0.000233	0.000772	0.041	0.00000698	2.46	0.0036	2.8	0.0625	0.000805	1.55	0.00439	0.00433	0.000137	0.000297	0.000184	0.0808	0.00000743	0.000431	0.000554	0.00252
2060 Mar	82.1	0.143	0.179	0.00357	17.8	0.0548	13.5	0.00000721	0.0165	0.00792	0.00705	0.0189	0.00395	13	0.00000628	0.000141	0.000235	0.000778	0.0414	0.00000704	2.48	0.00364	2.82	0.0633	0.000814	1.56	0.00444	0.00437	0.000134	0.0003	0.000186	0.0816	0.00000746	0.000436	0.000558	0.00253
2060 Apr	81.8	0.143	0.178	0.00356	17.7	0.0548	13.5	0.00000721	0.0164	0.00789	0.00706	0.0189	0.00394	13	0.00000625	0.00014	0.000235	0.000775	0.0412	0.00000702	2.47	0.00363	2.81	0.0631	0.000811	1.56	0.00443	0.00461	0.000129	0.000299	0.000185	0.0812	0.00000745	0.000434	0.000557	0.00252
2060 May	80.6	0.14	0.174	0.0035	17.4	0.0546	13.3	0.00000721	0.0161	0.00774	0.00706	0.0187	0.00386	12.8	0.00000617	0.000139	0.000231	0.000765	0.0404	0.00000695	2.44	0.00357	2.78	0.0618	0.000794	1.55	0.00436	0.00486	0.000125	0.000294	0.000182	0.0799	0.00000744	0.000426	0.000553	0.00251
2060 Jun	75	0.122	0.156	0.00313	16.1	0.0521	12.1	0.00000681	0.0137	0.00653	0.00668	0.0179	0.00326	11.8	0.0000054	0.000125	0.000208	0.000683	0.0351	0.00000625	2.28	0.00314	2.66	0.0533	0.000689	1.49	0.00383	0.00411	0.0000743	0.000257	0.00016	0.0732	0.00000701	0.000366	0.000504	0.00229
2060 Jul	76.9	0.128	0.161	0.00323	16.6	0.053	12.4	0.00000698	0.0144	0.00683	0.00684	0.0183	0.00343	12.2	0.00000556	0.000129	0.000218	0.000706	0.0371	0.00000646	2.33	0.00327	2.71	0.056	0.000717	1.52	0.00399	0.00419	0.0000734	0.000266	0.000167	0.0755	0.00000717	0.000382	0.000519	0.00234
2060 Aug	71.4	0.116	0.147	0.00299	15.4	0.0502	11.5	0.00000685	0.0138	0.00624	0.00673	0.0171	0.00314	11.3	0.00000532	0.000123	0.000204	0.000669	0.0355	0.00000615	2.17	0.00303	2.53	0.0514	0.000657	1.43	0.00368	0.00387	0.0000695	0.000248	0.000155	0.0699	0.00000704	0.000352	0.000498	0.00228
2060 Sep	71.4	0.118	0.149	0.00303	15.4	0.0496	11.6	0.00000684	0.0142	0.00629	0.00671	0.0168	0.00318	11.3	0.00000535	0.000124	0.000201	0.000676	0.0363	0.00000623	2.17	0.00307	2.5	0.0522	0.00067	1.41	0.00367	0.00382	0.0000699	0.000253	0.000158	0.0702	0.00000704	0.000361	0.000502	0.00229
2060 Oct	73.4	0.122	0.154	0.00311	15.9	0.0509	11.9	0.00000688	0.0147	0.00648	0.00675	0.0172	0.00329	11.6	0.00000582	0.000127	0.00021	0.000702	0.0368	0.00000636	2.23	0.00316	2.56	0.0539	0.000691	1.43	0.00378	0.00388	0.000137	0.000263	0.000162	0.0722	0.00000709	0.000373	0.00051	0.0024
2060 Nov	76.5	0.129	0.163	0.00326	16.6	0.0525	12.4	0.00000698	0.0154	0.00685	0.00684	0.0178	0.00349	12.1	0.0000061	0.000131	0.00022	0.000731	0.0382	0.00000658	2.32	0.00332	2.65	0.0571	0.000729	1.48	0.00399	0.00404	0.000159	0.000276	0.00017	0.0756	0.00000721	0.000395	0.000525	0.00247
2060 Dec	78.8	0.135	0.169	0.00338	17.1	0.0534	12.9	0.00000707	0.0159	0.00715	0.00692	0.0183	0.00366	12.5	0.00000617	0.000135	0.000226	0.000749	0.0395	0.00000676	2.39	0.00345	2.72	0.0597	0.00076	1.51	0.00415	0.00418	0.000148	0.000285	0.000176	0.078	0.0000073	0.000411	0.000537	0.00249
2061 Jan	80.3	0.139	0.173	0.00345	17.4	0.054	13.1	0.00000713	0.0162	0.00736	0.00697	0.0186	0.00377	12.7	0.00000621	0.000137	0.00023	0.000761	0.0403	0.00000688	2.43	0.00353	2.76	0.0614	0.00078	1.54	0.00426	0.00426	0.000141	0.000291	0.000181	0.0796	0.00000736	0.000422	0.000545	0.0025
2061 Feb	81.2	0.141	0.176	0.0035	17.6	0.0543	13.3	0.00000716	0.0164	0.00748	0.00701	0.0187	0.00383	12.9	0.00000624	0.000139	0.000233	0.000768	0.0408	0.00000695	2.45	0.00358	2.78	0.0624	0.000792	1.55	0.00432	0.00431	0.000136	0.000294	0.000183	0.0806	0.0000074	0.000429	0.00055	0.00251
2061 Mar	81.8	0.143	0.178	0.00353	17.7	0.0546	13.4	0.00000719	0.0165	0.00758	0.00703	0.0189	0.00389	13	0.00000626	0.00014	0.000235	0.000774	0.0412	0.00000701	2.47	0.00362	2.8	0.0633	0.000801	1.56	0.00437	0.00436	0.000133	0.000297	0.000185	0.0813	0.00000743	0.000434	0.000554	0.00252
2061 Apr	81.5	0.142	0.177	0.00351	17.6	0.0546	13.4	0.00000719	0.0164	0.00755	0.00703	0.0188	0.00387	12.9	0.00000623	0.000139	0.000234	0.000771	0.041	0.00000699	2.46	0.00361	2.79	0.063	0.000797	1.55	0.00436	0.0046	0.000129	0.000295	0.000184	0.0809	0.00000742	0.000432	0.000553	0.00251
2061 May	80.1	0.139	0.172	0.00344	17.2	0.0543	13.2	0.00000718	0.016	0.00737	0.00703	0.0186	0.00378	12.7	0.00000614	0.000138	0.00023	0.00076	0.0401	0.0000069	2.43	0.00353	2.76	0.0614	0.000778	1.54	0.00428	0.00485	0.000124	0.00029	0.000181	0.0793	0.00000741	0.000422	0.000548	0.00249
2061 Jun	74.7	0.121	0.153	0.00308	16.1	0.0525	12	0.00000686	0.0142	0.00624	0.00671	0.0179	0.0032	11.8	0.00000545	0.000128	0.000208	0.000692	0.035	0.00000643	2.3	0.00313	2.64	0.0532	0.000686	1.49	0.00377	0.0041	0.0000744	0.000263	0.000161	0.0729	0.00000711	0.000379	0.000512	0.00232
2061 Jul	76	0.125	0.157	0.00315	16.5	0.0532	12.3	0.000007	0.0149	0.00646	0.00685	0.0182	0.00333	12	0.00000558	0.000131	0.000216	0.00071	0.0367	0.00000661	2.34	0.00323	2.68	0.0553	0.000707	1.5	0.0039	0.00415	0.0000734	0.000271	0.000167	0.0745	0.00000726	0.000392	0.000525	0.00237
2061 Aug	70.9	0.115	0.144	0.00293	15.3	0.0505	11.4	0.00000689	0.0142	0.00593	0.00675	0.017	0.00306	11.2	0.00000536	0.000125	0.000204	0.000675	0.0353	0.0000063	2.18	0.00301	2.51	0.051	0.000651	1.42	0.00361	0.00385	0.0000697	0.000253	0.000155	0.0693	0.00000712	0.000362	0.000505	0.00231
2061 Sep	70.7	0.116	0.146	0.00296	15.3	0.0497	11.4	0.00000686	0.0145	0.00595	0.00671	0.0168	0.00309	11.2	0.00000536	0.000125	0.0002	0.000678	0.0359	0.00000633	2.17	0.00303	2.47	0.0516	0.000659	1.4	0.00358	0.00379	0.0000698	0.000255	0.000157	0.0694	0.0000071	0.000366	0.000506	0.00231
2061 Oct	72.8	0.12	0.151	0.00305	15.7	0.051	11.8	0.00000689	0.015	0.00615	0.00675	0.0171	0.00321	11.5	0.00000582	0.000128	0.000208	0.000703	0.0365	0.00000643	2.23	0.00312	2.54	0.0534	0.00068	1.42	0.0037	0.00385	0.000136	0.000265	0.000162	0.0716	0.00000713	0.000377	0.000513	0.00242
2061 Nov	76	0.128	0.16	0.0032	16.5	0.0525	12.3	0.00000699	0.0156	0.00651	0.00684	0.0177	0.00341	12	0.0000061	0.000132	0.000219	0.000732	0.038	0.00000665	2.32	0.00329	2.63	0.0567	0.000718	1.47	0.00391	0.00402	0.000158	0.000277	0.00017	0.075	0.00000724	0.000398	0.000527	0.00248
2061 Dec	78.3	0.133	0.167	0.00332	17	0.0535	12.8	0.00000708	0.0161	0.00681	0.00692	0.0182	0.00357	12.4	0.00000617	0.000136	0.000225	0.00075	0.0393	0.00000683	2.39	0.00342	2.7	0.0593	0.000749	1.51	0.00407	0.00415	0.000147	0.000286	0.000176	0.0775	0.00000733	0.000415	0.000539	0.0025
2062 Jan	79.8	0.137	0.171	0.00339	17.3	0.0541	13	0.00000714	0.0164	0.00701	0.00698	0.0185	0.00368	12.7	0.00000622	0.000138	0.000229	0.000762	0.0401	0.00000695	2.43	0.0035	2.74	0.0611	0.000769	1.53	0.00418	0.00424	0.00014	0.000292	0.000181	0.0791	0.0000074	0.000426	0.000547	0.00252
2062 Feb	80.7	0.14	0.173	0.00344	17.5	0.0544	13.2	0.00000717	0.0166	0.00713	0.00701	0.0187	0.00375	12.8	0.00000624	0.000139	0.000232	0.000769	0.0406	0.00000702	2.45	0.00355	2.76	0.0621	0.000781	1.54	0.00424	0.00429	0.000136	0.000295	0.000183	0.0801	0.00000743	0.000433	0.000552	0.00252
2062 Mar	81.4	0.142	0.175	0.00347	17.7	0.0547	13.3	0.0000072	0.0167	0.00723	0.00703	0.0188	0.0038	12.9	0.00000627	0.00014	0.000234	0.000775	0.041	0.00000708	2.47	0.00359	2.78	0.0629	0.00079	1.55	0.00429	0.00433	0.000133	0.000298	0.000185	0.0808	0.00000746	0.000438	0.000555	0.00253
2062 Apr	81.1	0.141	0.174	0.00345	17.5	0.0547	13.3	0.0000072	0.0166	0.0072	0.00703	0.0188	0.00379	12.9	0.00000623	0.00014	0.000233	0.000771	0.0408	0.00000706	2.46	0.00358	2.77	0.0627	0.000786	1.55	0.00428	0.00458	0.000129	0.000296	0.000184	0.0804	0.00000745	0.000436	0.000554	0.00252
2062 May	79.8	0.138	0.17	0.00338	17.2	0.0544	13.1	0.00000719	0.0162	0.00703	0.00703	0.0185	0.0037	12.6	0.00000615	0.000138	0.000229	0.00076	0.04	0.00000696	2.43	0.00351	2.74	0.0612	0.000767	1.53	0.0042	0.00485	0.000125	0.000291	0.000181	0.0789	0.00000744	0.000425	0.000549	0.0025
2062 Jun	75	0.122	0.154	0.00307	16.2	0.0522	12	0.00000682	0.014	0.00605	0.00668	0.0179	0.00318	11.8	0.00000543	0.000126	0.000209	0.000685	0.0352	0.00000631	2.29	0.00313	2.64	0.0537	0.000676	1.49	0.00375	0.00411	0.0000749	0.000257	0.000161	0.0732	0.00000703	0.000371	0.000504	0.00229
2062 Jul	77	0.128	0.159	0.00317	16.7	0.0538	12.4	0.00000707	0.0154	0.00632	0.0069	0.0184	0.00335	12.2	0.00000567	0.000134	0.000219	0.000724	0.0374	0.00000678	2.38	0.00328	2.69	0.0566	0.000716	1.51	0.00393	0.0042	0.0000747	0.000278	0.00017	0.0755	0.00000735	0.000406	0.000534	0.0024
2062 Aug	71.1	0.115	0.144	0.00292	15.4	0.0511	11.5	0.00000696	0.0149	0.00574	0.0068	0.0171	0.00304	11.3	0.00000543	0.000128	0.000205	0.000688	0.0357	0.00000651	2.22	0.00303	2.51	0.0515	0.000656	1.42	0.0036	0.00386	0.0000706	0.000262	0.000158	0.0696	0.00000724	0.000377	0.000516	0.00236
2062 Sep	70.8	0.116	0.145	0.00293	15.3	0.0508	11.5	0.00000697	0.0155	0.00573	0.00679	0.0169	0.00305	11.2	0.00000548	0.000131	0.000201	0.000699	0.0362	0.00000668	2.22	0.00305	2.47	0.0519	0.000669	1.4	0.00356	0.0038	0.0000709	0.000271	0.000161	0.0695	0.00000731	0.000392	0.000525	0.00238
2062 Oct	72.8	0.12	0.149	0.003	15.8	0.0522	11.8	0.00000702	0.0162	0.00589	0.00683	0.0173	0.00315	11.5	0.00000595	0.000134	0.000209	0.000727	0.0367	0.00000685	2.29	0.00314	2.53	0.0536	0.000691	1.42	0.00367	0.00387	0.000138	0.000282	0.000166	0.0716	0.00000738	0.000407	0.000536	0.0025
2062 Nov	76	0.127	0.158	0.00315	16.5	0.0538	12.4	0.00000713	0.017	0.00623	0.00694	0.0179	0.00334	12	0.00000625	0.000139	0.000219	0.000759	0.0381	0.00000712	2.39	0.0033	2.62	0.0568	0.00073	1.47	0.00388	0.00403	0.000159	0.000297	0.000174	0.0749	0.00000752	0.000431	0.000553	0.00258
2062 Dec	78.2	0.132	0.164	0.00326	17	0.0548	12.8	0.00000723	0.0175	0.00651	0.00702	0.0184	0.0035	12.4	0.00000632	0.000143	0.000226	0.000778	0.0394	0.00000732	2.46	0.00342	2.68	0.0593	0.000761	1.5	0.00403	0.00416	0.000148	0.000307	0.000181	0.0773	0.00000762	0.000449	0.000566	0.00261
2063 Jan	79.7	0.136	0.168	0.00333	17.3	0.0555	13	0.00000729	0.0179	0.00669	0.00708	0.0187	0.00361	12.6	0.00000637	0.000145	0.00023	0.00079	0.0402	0.00000745	2.5	0.0035	2.72	0.061	0.00078	1.52	0.00413	0.00425	0.000141	0.000313	0.000185	0.0789	0.00000769	0.000461	0.000574	0.00262
2063 Feb	80.5	0.138	0.171	0.00337	17.5	0.0558	13.2	0.00000732	0.018	0.0068	0.00711	0.0189	0.00367	12.8	0.00000639	0.000147	0.000232	0.000797	0.0407	0.00000752	2.52	0.00355	2.75	0.062	0.000792	1.54	0.0042	0.0043	0.000137	0.000317	0.000188	0.0798	0.00000773	0.000468	0.000579	0.00263
2063 Mar	81.2	0.14	0.172	0.00341	17.6	0.0561	13.3	0.00000735	0.0182	0.00689	0.00714	0.019	0.00372	12.9	0.00000642	0.000148	0.000234	0.000803	0.0411	0.00000758	2.54	0.00359	2.76	0.0628	0.000801	1.54	0.00424	0.00434	0.000134	0.000319	0.00019	0.0805	0.00000776	0.000473	0.000583	0.00263
2063 Apr	80.8	0.14	0.171	0.00338	17.5	0.056	13.3	0.00000735	0.0181	0.00686	0.00713	0.0189	0.0037	12.8	0.00000638	0.000147	0.000233	0.000799	0.0408	0.00000755	2.53	0.00357	2.75	0.0625	0.000796	1.54	0.00423	0.0046	0.00013	0.000317	0.000189	0.08	0.00000775	0.00047	0.000582	0.00262
2063 May	79.4	0.136	0.166	0.00331	17.1	0.0557	13	0.00000733	0.0176	0.00668	0.00712	0.0187	0.00361	12.6	0.00000628	0.000145	0.000229	0.000786	0.0399	0.00000744	2.49	0.0035	2.72	0.0609	0.000775	1.53	0.00414	0.00486	0.000124	0.000311	0.000185	0.0783	0.00000772	0.000458	0.000575	0.0026
2063 Jun	74.2	0.119	0.149	0.00298	16	0.0535	11.9	0.00000696	0.0154	0.00569	0.00677	0.018	0.00307	11.7	0.00000555	0.000133	0.000207	0.00071	0.0349	0.0000068	2.34	0.0031	2.61	0.0529	0.000683	1.48	0.00367	0.00409	0.0000751	0.000278	0.000164	0.0723	0.00000732	0.000404	0.000531	0.0024
2063 Jul	75.4	0.123	0.153	0.00305	16.3	0.0539	12.2	0.00000709	0.0158	0.00587	0.0069	0.0182	0.00318	11.9	0.00000566	0.000135	0.000215	0.000724	0.0365	0.00000692	2.37	0.00319	2.64	0.0549	0.000698	1.49	0.00379	0.00413	0.0000739	0.000282	0.000169	0.0738	0.00000744	0.000413	0.00054	0.00243
2063 Aug	70.3	0.113	0.14	0.00284	15.2	0.0511	11.3	0.00000695	0.0151	0.0054	0.00678	0.017	0.00292	11.1	0.00000542	0.000128	0.000203	0.000686	0.0351	0.00000656	2.21	0.00297	2.48	0.0506	0.000642	1.4	0.0035	0.00382	0.0000701	0.000262	0.000157	0.0686	0.00000727	0.000379	0.000517	0.00236
2063 Sep	70.2	0.115	0.142	0.00288	15.2	0.0502	11.3	0.0000069	0.0152	0.00544	0.00674	0.0168	0.00297	11.1	0.00000541	0.000128	0.000199	0.000686	0.0358	0.00000654	2.19	0.003	2.44	0.0514	0.000649	1.38	0.00348	0.00377	0.0000703	0.000262	0.000159	0.0689	0.00000721	0.000381	0.000515	0.00235
2063 Oct	72.4	0.119	0.148	0.00297	15.7	0.0514	11.7	0.00000693	0.0156	0.00563	0.00677	0.0171	0.00308	11.5	0.00000587	0.00013	0.000208	0.000711	0.0364	0.00000663	2.25	0.0031	2.51	0.0534	0.00067	1.42	0.0036	0.00384	0.000138	0.000271	0.000163	0.0711	0.00000723	0.000391	0.00052	0.00245
2063 Nov	75.6	0.126	0.156	0.00311	16.4	0.0529	12.2	0.00000703	0.0163	0.00596	0.00686	0.0177	0.00328	12	0.00000615	0.000134	0.000218	0.000739	0.0378	0.00000684	2.34	0.00325	2.6	0.0566	0.000706	1.46	0.00381	0.004	0.000159	0.000283	0.000171	0.0745	0.00000733	0.000411	0.000534	0.00252
2063 Dec	77.9	0.132	0.163	0.00322	16.9	0.0538	12.6	0.00000712	0.0167	0.00623	0.00694	0.0182	0.00343	12.3	0.00000622	0.000138	0.000224	0.000757	0.0391	0.00000702	2.4	0.00338	2.67	0.0592	0.000736	1.5	0.00396	0.00414	0.000148	0.000292	0.000178	0.0769	0.00000743	0.000428	0.000546	0.00253
2064 Jan	79.4	0.136	0.167	0.0033	17.2	0.0544	12.9	0.00000717	0.017	0.00641	0.00699	0.0185	0.00354	12.6	0.00000626	0.00014	0.000229	0.000768	0.0399	0.00000714	2.45	0.00346	2.71	0.0609	0.000755	1.52	0.00406	0.00422	0.000141	0.000297	0.000182	0.0785	0.00000749	0.000439	0.000554	0.00255
2064 Feb	80.2	0.138	0.169	0.00334	17.4	0.0548	13.1	0.00000721	0.0172	0.00652	0.00702	0.0187	0.0036	12.7	0.00000629	0.000141	0.000231	0.000775	0.0404	0.00000721	2.47	0.00351	2.73	0.062	0.000767	1.53	0.00413	0.00427	0.000137	0.000301	0.000184	0.0795	0.00000752	0.000446	0.000558	0.00255
2064 Mar	80.9	0.14	0.171	0.00337	17.6	0.055	13.2	0.00000724	0.0173	0.00661	0.00705	0.0188	0.00366	12.8	0.00000631	0.000142	0.000233	0.000781	0.0408	0.00000727	2.49	0.00355	2.75	0.0628	0.000776	1.54	0.00418	0.00432	0.000134	0.000303	0.000186	0.0802	0.00000755	0.000451	0.000562	0.00256
2064 Apr	80.6	0.139	0.17	0.00335	17.4	0.055	13.1	0.00000723	0.0172	0.00658	0.00705	0.0188	0.00364	12.8	0.00000627	0.000142	0.000232	0.000777	0.0406	0.00000724	2.48	0.00354	2.74	0.0625	0.000771	1.53	0.00416	0.00457	0.000129	0.000302	0.000186	0.0798	0.00000755	0.000448	0.000561	0.00255
2064 May	79.3	0.136	0.166	0.00329	17.1	0.0547	12.9	0.00000722	0.0168	0.00643	0.00704	0.0185	0.00355	12.5	0.00000619	0.00014	0.000228	0.000766	0.0397	0.00000715	2.44	0.00347	2.71	0.061	0.000753	1.52	0.00409	0.00483	0.000125	0.000296	0.000182	0.0782	0.00000753	0.000438	0.000555	0.00253
2064 Jun	74.3	0.119	0.149	0.00296	16	0.0534	11.9	0.00000695	0.0154	0.00547	0.00676	0.018	0.00302	11.7	0.00000555	0.000133	0.000208	0.000709	0.0349	0.0000068	2.34	0.00309	2.61	0.0531	0.000676	1.48	0.00363	0.00409	0.0000752	0.000276	0.000164	0.0723	0.00000731	0.000404	0.000529	0.00239
2064 Jul	75.5	0.123	0.152	0.00302	16.4	0.0541	12.2	0.0000071	0.0161	0.00566	0.00691	0.0182	0.00314	11.9	0.00000568	0.000136	0.000216	0.000727	0.0366	0.00000699	2.38	0.00319	2.64	0.0552	0.000695	1.49	0.00375	0.00414	0.0000743	0.000284	0.00017	0.0739	0.00000747	0.000418	0.000542	0.00244
2064 Aug	70.1	0.112	0.138	0.0028	15.2	0.0511	11.3	0.00000695	0.0152	0.00517	0.00678	0.017	0.00287	11.1	0.00000542	0.000129	0.000202	0.000686	0.0351	0.00000659	2.21	0.00296	2.47	0.0506	0.000635	1.4	0.00346	0.00381	0.0000702	0.000262	0.000157	0.0684	0.00000728	0.000381	0.000517	0.00236
2064 Sep	70	0.114	0.141	0.00284	15.1	0.0501	11.3	0.00000689	0.0153	0.00521	0.00672	0.0167	0.00291	11.1	0.00000541	0.000128	0.000199	0.000686	0.0357	0.00000656	2.19	0.00299	2.43	0.0514	0.000642	1.38	0.00343	0.00376	0.0000704	0.000262	0.000159	0.0686	0.0000072	0.000382	0.000514	0.00234
2064 Oct	72.6	0.119	0.148	0.00294	15.7	0.0515	11.7	0.00000693	0.0158	0.00543	0.00675	0.0171	0.00304	11.5	0.00000594	0.00013	0.000209	0.000714	0.0364	0.00000667	2.26	0.00309	2.51	0.0537	0.000666	1.42	0.00358	0.00385	0.000147	0.000272	0.000164	0.0713	0.00000723	0.000395	0.000521	0.00246
2064 Nov	75.9	0.127	0.156	0.00309	16.4	0.0531	12.2	0.00000703	0.0165	0.00576	0.00685	0.0178	0.00324	12	0.00000622	0.000135	0.00022	0.000743	0.0379	0.00000689	2.35	0.00326	2.6	0.0571	0.000704	1.46	0.00379	0.00401	0.000169	0.000285	0.000172	0.0748	0.00000734	0.000416	0.000535	0.00253
2064 Dec	78.1	0.132	0.163	0.0032	16.9	0.0539	12.6	0.00000711	0.0169	0.00601	0.00693	0.0182	0.00339	12.3	0.00000627	0.000138	0.000226	0.00076	0.0392	0.00000707	2.41	0.00338	2.66	0.0597	0.000732	1.49	0.00394	0.00414	0.000156	0.000293	0.000179	0.0771	0.00000743	0.000432	0.000546	0.00254
2065 Jan	79.5	0.136	0.166	0.00327	17.2	0.0545	12.9	0.00000717	0.0172	0.00618	0.00698	0.0185	0.0035	12.6	0.00000631	0.00014	0.00023	0.000771	0.04	0.00000719	2.45	0.00346	2.7	0.0614	0.00075	1.51	0.00404	0.00423	0.000147	0.000299	0.000183	0.0787	0.00000749	0.000443	0.000554	0.00255
2065 Feb	80.3	0.138	0.169	0.00331	17.4	0.0548	13	0.0000072	0.0174	0.00628	0.00701	0.0187	0.00356	12.7	0.00000633	0.000142	0.000232	0.000778	0.0405	0.00000726	2.48	0.00351	2.72	0.0624	0.000761	1.53	0.0041	0.00428	0.000143	0.000302	0.000185	0.0796	0.00000752	0.00045	0.000559	0.00256
2065 Mar	81	0.14	0.17	0.00334	17.6	0.0551	13.2	0.00000723	0.0176	0.00636	0.00703	0.0188	0.00361	12.8	0.00000635	0.000143	0.000234	0.000783	0.0409	0.00000731	2.5	0.00355	2.74	0.0632	0.00077	1.54	0.00414	0.00432	0.000139	0.000304	0.000187	0.0803	0.00000755	0.000455	0.000563	0.00256
2065 Apr	80.5	0.14	0.169	0.00332	17.4	0.055	13.1	0.00000723	0.0174	0.00633	0.00703	0.0188	0.00359	12.7	0.00000631	0.000142	0.000233	0.000779	0.0406	0.00000729	2.48	0.00353	2.73	0.0628	0.000765	1.53	0.00413	0.00458	0.000134	0.000302	0.000186	0.0797	0.00000755	0.000452	0.000561	0.00255
2065 May	79.3	0.137	0.165	0.00325	17.1	0.0548	12.9	0.00000722	0.017	0.00619	0.00703	0.0185	0.00351	12.5	0.00000622	0.00014	0.000229	0.000768	0.0398	0.0000072	2.45	0.00346	2.7	0.0614	0.000747	1.52	0.00405	0.00485	0.000129	0.000297	0.000183	0.0782	0.00000753	0.000442	0.000556	0.00254
2065 Jun	73.6	0.118	0.147	0.00291	15.9	0.0522	11.7	0.00000682	0.0145	0.00522	0.00666	0.0177	0.00295	11.6	0.00000543	0.000127	0.000206	0.000685	0.0345	0.00000647	2.28	0.00304	2.58	0.0527	0.000648	1.47	0.00356	0.00405	0.0000748	0.000259	0.00016	0.0716	0.00000709	0.00038	0.000507	0.00231
2065 Jul	75.2	0.123	0.151	0.00299	16.3	0.0529	12	0.00000697	0.0151	0.00543	0.00681	0.018	0.00309	11.8	0.00000556	0.00013	0.000215	0.000703	0.0363	0.00000664	2.32	0.00315	2.62	0.0551	0.000669	1.49	0.00369	0.00411	0.0000737	0.000266	0.000166	0.0735	0.00000724	0.000393	0.000519	0.00236
2065 Aug	69.9	0.112	0.138	0.00278	15.1	0.0502	11.2	0.00000685	0.0144	0.00497	0.0067	0.0169	0.00283	11	0.00000532	0.000124	0.000202	0.000666	0.0348	0.0000063	2.16	0.00292	2.46	0.0506	0.000613	1.4	0.00341	0.00381	0.0000698	0.000247	0.000154	0.0682	0.00000709	0.00036	0.000498	0.00229
2065 Sep	69.4	0.113	0.139	0.00279	15	0.0491	11.1	0.00000679	0.0144	0.00496	0.00665	0.0165	0.00283	11	0.0000053	0.000123	0.000197	0.000663	0.0352	0.00000626	2.13	0.00293	2.41	0.0508	0.000615	1.37	0.00336	0.00372	0.0000695	0.000247	0.000154	0.0679	0.00000702	0.000359	0.000494	0.00227
2065 Oct	72.1	0.118	0.146	0.0029	15.6	0.0506	11.5	0.00000685	0.0151	0.00518	0.0067	0.017	0.00298	11.4	0.0000058	0.000126	0.000207	0.000695	0.0361	0.00000643	2.21	0.00305	2.49	0.0533	0.000643	1.41	0.00351	0.00382	0.000138	0.000259	0.000161	0.0707	0.00000709	0.000376	0.000505	0.0024
2065 Nov	75.3	0.126	0.154	0.00305	16.3	0.0523	12.1	0.00000696	0.0159	0.00549	0.0068	0.0176	0.00317	11.9	0.00000609	0.000131	0.000217	0.000725	0.0376	0.00000668	2.31	0.00321	2.58	0.0567	0.000682	1.46	0.00371	0.00399	0.000159	0.000273	0.000169	0.0741	0.00000721	0.000399	0.000521	0.00247
2065 Dec	77.6	0.131	0.161	0.00316	16.8	0.0532	12.5	0.00000705	0.0164	0.00574	0.00688	0.0181	0.00332	12.2	0.00000616	0.000135	0.000224	0.000744	0.0389	0.00000688	2.38	0.00334	2.64	0.0593	0.000711	1.49	0.00386	0.00412	0.000148	0.000282	0.000176	0.0766	0.00000732	0.000418	0.000534	0.00249
2066 Jan	79.1	0.135	0.165	0.00323	17.1	0.0539	12.8	0.00000711	0.0168	0.00591	0.00694	0.0184	0.00343	12.5	0.00000621	0.000137	0.000228	0.000757	0.0398	0.00000701	2.42	0.00342	2.68	0.0611	0.000731	1.51	0.00397	0.00421	0.000141	0.000289	0.00018	0.0782	0.00000739	0.00043	0.000542	0.00251
2066 Feb	80	0.138	0.167	0.00327	17.3	0.0543	12.9	0.00000715	0.017	0.00601	0.00697	0.0186	0.00349	12.6	0.00000624	0.000139	0.000231	0.000765	0.0403	0.0000071	2.45	0.00347	2.71	0.0621	0.000743	1.52	0.00403	0.00426	0.000136	0.000293	0.000183	0.0792	0.00000743	0.000438	0.000548	0.00251

Appendix C11: A15 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	80.7	0.139	0.169	0.0033	17.5	0.0546	13	0.00000718	0.0172	0.00609	0.007	0.0187	0.00354	12.7	0.00000626	0.00014	0.000233	0.000771	0.0407	0.00000717	2.47	0.00351	2.72	0.063	0.000752	1.53	0.00408	0.0043	0.000133	0.000296	0.000185	0.0799	0.00000747	0.000444	0.000552	0.00252
2066 Apr	80.1	0.139	0.167	0.00327	17.3	0.0545	13	0.00000718	0.017	0.00605	0.007	0.0186	0.00352	12.7	0.00000622	0.00014	0.000231	0.000767	0.0404	0.00000714	2.46	0.00349	2.71	0.0625	0.000746	1.53	0.00405	0.00459	0.000128	0.000294	0.000184	0.0793	0.00000746	0.000441	0.000551	0.00251
2066 May	78.6	0.135	0.162	0.0032	16.9	0.0542	12.8	0.00000716	0.0166	0.00589	0.00699	0.0184	0.00342	12.4	0.00000612	0.000138	0.000227	0.000754	0.0394	0.00000704	2.41	0.00341	2.67	0.0607	0.000726	1.51	0.00397	0.0049	0.000123	0.000288	0.00018	0.0775	0.00000744	0.000429	0.000545	0.0025
2066 Jun	73.5	0.118	0.146	0.00288	15.8	0.0523	11.7	0.00000683	0.0147	0.005	0.00667	0.0178	0.0029	11.5	0.00000543	0.000127	0.000205	0.000686	0.0344	0.00000651	2.29	0.00302	2.57	0.0527	0.000643	1.46	0.00351	0.00405	0.0000746	0.00026	0.00016	0.0715	0.00000712	0.000383	0.000508	0.00232
2066 Jul	74.8	0.122	0.149	0.00294	16.2	0.0529	11.9	0.00000697	0.0152	0.00517	0.0068	0.018	0.00301	11.8	0.00000555	0.00013	0.000214	0.000702	0.036	0.00000666	2.32	0.00311	2.61	0.0547	0.000659	1.48	0.00363	0.00409	0.0000735	0.000266	0.000165	0.073	0.00000725	0.000393	0.000519	0.00236
2066 Aug	69.6	0.111	0.136	0.00274	15	0.0501	11.1	0.00000685	0.0145	0.00475	0.0067	0.0168	0.00276	11	0.00000531	0.000124	0.000201	0.000665	0.0347	0.00000632	2.16	0.0029	2.44	0.0503	0.000605	1.39	0.00336	0.00379	0.0000697	0.000247	0.000153	0.0678	0.00000709	0.000361	0.000498	0.0023
2066 Sep	69.6	0.113	0.139	0.00278	15	0.0493	11.1	0.00000681	0.0147	0.00478	0.00666	0.0166	0.0028	11	0.00000533	0.000124	0.000197	0.000669	0.0354	0.00000634	2.15	0.00293	2.41	0.0512	0.000615	1.37	0.00333	0.00373	0.00007	0.00025	0.000156	0.0681	0.00000706	0.000366	0.000498	0.00229
2066 Oct	72.2	0.118	0.145	0.00288	15.6	0.0509	11.5	0.00000686	0.0154	0.00498	0.0067	0.017	0.00293	11.4	0.00000586	0.000127	0.000208	0.0007	0.0362	0.0000065	2.22	0.00305	2.48	0.0536	0.000641	1.41	0.00348	0.00382	0.000146	0.000262	0.000162	0.0708	0.00000712	0.000382	0.000508	0.00242
2066 Nov	75.5	0.126	0.154	0.00302	16.3	0.0525	12.1	0.00000697	0.0162	0.00529	0.0068	0.0177	0.00312	11.9	0.00000615	0.000132	0.000218	0.00073	0.0377	0.00000675	2.32	0.00321	2.58	0.057	0.000679	1.45	0.00368	0.00399	0.000167	0.000275	0.00017	0.0743	0.00000724	0.000405	0.000523	0.00249
2066 Dec	77.7	0.131	0.16	0.00313	16.8	0.0534	12.5	0.00000705	0.0166	0.00551	0.00688	0.0181	0.00327	12.2	0.00000621	0.000135	0.000224	0.000747	0.0389	0.00000693	2.39	0.00333	2.64	0.0595	0.000707	1.49	0.00383	0.00412	0.000154	0.000284	0.000176	0.0766	0.00000733	0.000422	0.000535	0.0025
2067 Jan	79.1	0.135	0.164	0.00319	17.1	0.054	12.7	0.00000711	0.017	0.00567	0.00693	0.0184	0.00337	12.5	0.00000624	0.000138	0.000229	0.000759	0.0397	0.00000706	2.43	0.00341	2.67	0.0612	0.000726	1.51	0.00392	0.00421	0.000146	0.00029	0.000181	0.0781	0.0000074	0.000434	0.000543	0.00252
2067 Feb	79.9	0.137	0.166	0.00323	17.3	0.0543	12.9	0.00000715	0.0172	0.00577	0.00696	0.0186	0.00343	12.6	0.00000627	0.000139	0.000231	0.000766	0.0402	0.00000714	2.45	0.00346	2.7	0.0623	0.000737	1.52	0.00398	0.00426	0.000141	0.000293	0.000183	0.0791	0.00000744	0.000441	0.000548	0.00252
2067 Mar	80.6	0.139	0.168	0.00326	17.5	0.0546	13	0.00000718	0.0173	0.00584	0.00699	0.0187	0.00347	12.7	0.00000629	0.00014	0.000233	0.000772	0.0406	0.0000072	2.47	0.0035	2.71	0.0631	0.000745	1.53	0.00403	0.0043	0.000137	0.000296	0.000185	0.0798	0.00000747	0.000446	0.000552	0.00253
2067 Apr	80	0.138	0.166	0.00323	17.3	0.0545	12.9	0.00000717	0.0172	0.0058	0.00699	0.0186	0.00345	12.6	0.00000624	0.00014	0.000232	0.000767	0.0403	0.00000717	2.46	0.00347	2.7	0.0626	0.000739	1.52	0.00401	0.00458	0.000132	0.000294	0.000184	0.0791	0.00000746	0.000443	0.00055	0.00252
2067 May	78.7	0.135	0.161	0.00316	16.9	0.0543	12.7	0.00000716	0.0168	0.00566	0.00698	0.0184	0.00336	12.4	0.00000615	0.000138	0.000227	0.000756	0.0394	0.00000708	2.42	0.0034	2.67	0.061	0.000721	1.51	0.00393	0.00489	0.000126	0.000288	0.00018	0.0775	0.00000745	0.000433	0.000545	0.0025
2067 Jun	73.2	0.117	0.144	0.00284	15.8	0.052	11.6	0.0000068	0.0145	0.00478	0.00664	0.0177	0.00283	11.5	0.0000054	0.000126	0.000205	0.00068	0.0343	0.00000644	2.27	0.00299	2.56	0.0525	0.000631	1.46	0.00346	0.00404	0.0000746	0.000256	0.000159	0.0711	0.00000706	0.000378	0.000502	0.0023
2067 Jul	74.9	0.122	0.148	0.00292	16.2	0.0528	11.9	0.00000695	0.0151	0.00498	0.00678	0.018	0.00297	11.8	0.00000554	0.000129	0.000214	0.000698	0.0361	0.00000661	2.31	0.0031	2.6	0.055	0.000652	1.48	0.0036	0.0041	0.0000737	0.000263	0.000165	0.0731	0.00000721	0.00039	0.000515	0.00234
2067 Aug	69.6	0.111	0.135	0.00271	15	0.05	11	0.00000683	0.0144	0.00457	0.00668	0.0168	0.00272	11	0.0000053	0.000123	0.000201	0.000662	0.0347	0.00000629	2.15	0.00289	2.43	0.0505	0.000598	1.39	0.00332	0.00378	0.0000698	0.000245	0.000153	0.0678	0.00000706	0.000359	0.000494	0.00228
2067 Sep	69.3	0.113	0.137	0.00274	15	0.0492	11	0.00000679	0.0147	0.00458	0.00664	0.0165	0.00274	10.9	0.00000531	0.000124	0.000197	0.000666	0.0353	0.00000633	2.14	0.00291	2.39	0.0511	0.000607	1.36	0.00329	0.00372	0.00007	0.000248	0.000155	0.0678	0.00000704	0.000365	0.000495	0.00228
2067 Oct	71.8	0.118	0.143	0.00283	15.5	0.0506	11.4	0.00000683	0.0153	0.00476	0.00667	0.0169	0.00286	11.3	0.00000584	0.000126	0.000207	0.000696	0.036	0.00000647	2.21	0.00302	2.47	0.0534	0.000631	1.4	0.00343	0.0038	0.000146	0.000259	0.000161	0.0704	0.00000709	0.000379	0.000504	0.0024
2067 Nov	75.1	0.125	0.152	0.00298	16.3	0.0522	12	0.00000694	0.0161	0.00506	0.00677	0.0176	0.00305	11.8	0.00000612	0.000131	0.000217	0.000725	0.0375	0.0000067	2.31	0.00318	2.56	0.0568	0.000668	1.45	0.00363	0.00398	0.000166	0.000272	0.000169	0.0739	0.0000072	0.000402	0.000519	0.00247
2067 Dec	77.3	0.13	0.158	0.00308	16.7	0.0531	12.4	0.00000703	0.0166	0.00528	0.00685	0.018	0.00319	12.2	0.00000617	0.000134	0.000224	0.000742	0.0387	0.00000689	2.37	0.0033	2.62	0.0593	0.000696	1.48	0.00377	0.0041	0.000153	0.000281	0.000175	0.0762	0.0000073	0.000419	0.000531	0.00249
2068 Jan	78.7	0.134	0.162	0.00315	17.1	0.0537	12.6	0.00000709	0.0169	0.00543	0.0069	0.0183	0.00329	12.4	0.00000621	0.000137	0.000228	0.000754	0.0396	0.00000702	2.41	0.00338	2.66	0.0611	0.000714	1.5	0.00387	0.00419	0.000145	0.000287	0.00018	0.0777	0.00000736	0.00043	0.000539	0.0025
2068 Feb	79.6	0.136	0.164	0.00318	17.2	0.0541	12.8	0.00000712	0.0171	0.00552	0.00694	0.0185	0.00335	12.5	0.00000624	0.000138	0.00023	0.000761	0.0401	0.0000071	2.44	0.00343	2.68	0.0621	0.000725	1.51	0.00393	0.00424	0.00014	0.00029	0.000182	0.0787	0.0000074	0.000438	0.000544	0.00251
2068 Mar	80.2	0.138	0.166	0.00321	17.4	0.0544	12.9	0.00000715	0.0173	0.00559	0.00696	0.0186	0.0034	12.6	0.00000626	0.000139	0.000232	0.000767	0.0405	0.00000716	2.46	0.00346	2.69	0.0629	0.000733	1.52	0.00397	0.00428	0.000136	0.000293	0.000184	0.0793	0.00000744	0.000443	0.000548	0.00251
2068 Apr	79.6	0.137	0.164	0.00318	17.2	0.0543	12.8	0.00000714	0.0171	0.00554	0.00696	0.0185	0.00337	12.5	0.00000621	0.000139	0.00023	0.000762	0.0401	0.00000712	2.44	0.00344	2.68	0.0623	0.000726	1.51	0.00394	0.00459	0.000131	0.000291	0.000183	0.0786	0.00000742	0.000439	0.000546	0.0025
2068 May	77.8	0.133	0.158	0.00309	16.7	0.0538	12.5	0.00000712	0.0166	0.00537	0.00694	0.0182	0.00326	12.3	0.00000609	0.000136	0.000225	0.000747	0.0389	0.000007	2.39	0.00334	2.64	0.0603	0.000703	1.49	0.00385	0.0049	0.000125	0.000283	0.000178	0.0765	0.00000739	0.000426	0.000539	0.00248
2068 Jun	73.2	0.117	0.144	0.00282	15.8	0.052	11.5	0.00000679	0.0146	0.0046	0.00663	0.0177	0.00278	11.5	0.00000539	0.000126	0.000205	0.000679	0.0343	0.00000644	2.27	0.00298	2.55	0.0527	0.000625	1.45	0.00343	0.00403	0.0000744	0.000255	0.000159	0.0711	0.00000706	0.000378	0.000501	0.00229
2068 Jul	74.2	0.121	0.146	0.00287	16	0.0524	11.8	0.00000692	0.0151	0.00474	0.00676	0.0178	0.00288	11.7	0.00000551	0.000128	0.000212	0.000693	0.0358	0.00000658	2.29	0.00306	2.57	0.0546	0.000639	1.46	0.00353	0.00406	0.0000734	0.00026	0.000163	0.0724	0.00000718	0.000387	0.000511	0.00233
2068 Aug	69.4	0.111	0.134	0.00268	15	0.0499	11	0.00000682	0.0144	0.00438	0.00667	0.0168	0.00266	10.9	0.00000529	0.000122	0.000201	0.000659	0.0346	0.00000627	2.15	0.00287	2.43	0.0505	0.00059	1.39	0.00329	0.00378	0.0000698	0.000243	0.000152	0.0676	0.00000705	0.000357	0.000492	0.00228
2068 Sep	68.7	0.111	0.135	0.00269	14.8	0.0487	10.9	0.00000675	0.0145	0.00436	0.0066	0.0164	0.00266	10.8	0.00000526	0.000122	0.000195	0.000657	0.035	0.00000623	2.12	0.00287	2.37	0.0506	0.000591	1.36	0.00322	0.00369	0.0000695	0.000242	0.000153	0.0672	0.00000698	0.000357	0.000488	0.00226
2068 Oct	71.6	0.117	0.142	0.0028	15.4	0.0503	11.4	0.0000068	0.0151	0.00456	0.00664	0.0168	0.0028	11.2	0.00000579	0.000125	0.000206	0.000688	0.0358	0.00000638	2.19	0.00299	2.45	0.0532	0.000619	1.39	0.00337	0.00379	0.000144	0.000254	0.000159	0.0701	0.00000703	0.000373	0.000497	0.00238
2068 Nov	74.8	0.124	0.151	0.00294	16.2	0.0519	11.9	0.0000069	0.0158	0.00484	0.00674	0.0175	0.00298	11.8	0.00000607	0.000129	0.000217	0.000717	0.0373	0.00000661	2.29	0.00315	2.55	0.0566	0.000655	1.44	0.00357	0.00396	0.000164	0.000266	0.000167	0.0735	0.00000714	0.000394	0.000512	0.00245
2068 Dec	77	0.13	0.156	0.00304	16.7	0.0527	12.3	0.00000699	0.0163	0.00505	0.00682	0.0179	0.00312	12.1	0.00000612	0.000132	0.000223	0.000734	0.0386	0.00000679	2.35	0.00326	2.6	0.0592	0.000682	1.47	0.00371	0.00409	0.000152	0.000275	0.000174	0.0758	0.00000723	0.000411	0.000523	0.00246
2069 Jan	78.4	0.133	0.16	0.00311	17	0.0533	12.5	0.00000704	0.0166	0.00519	0.00687	0.0182	0.00322	12.3	0.00000616	0.000135	0.000227	0.000745	0.0394	0.00000691	2.39	0.00334	2.64	0.0609	0.000699	1.49	0.00381	0.00417	0.000144	0.00028	0.000178	0.0774	0.00000729	0.000422	0.000531	0.00247
2069 Feb	79.2	0.136	0.162	0.00314	17.2	0.0537	12.7	0.00000707	0.0168	0.00528	0.0069	0.0184	0.00327	12.5	0.00000619	0.000136	0.000229	0.000752	0.0399	0.00000698	2.42	0.00339	2.66	0.0619	0.00071	1.5	0.00386	0.00422	0.000139	0.000284	0.00018	0.0782	0.00000733	0.000429	0.000535	0.00248
2069 Mar	79.8	0.137	0.164	0.00317	17.3	0.0539	12.8	0.0000071	0.0169	0.00535	0.00692	0.0185	0.00332	12.6	0.00000621	0.000137	0.000231	0.000757	0.0402	0.00000704	2.44	0.00343	2.68	0.0627	0.000718	1.51	0.00391	0.00426	0.000136	0.000286	0.000182	0.0789	0.00000736	0.000434	0.000539	0.00248
2069 Apr	79.2	0.136	0.162	0.00314	17.1	0.0538	12.7	0.00000709	0.0168	0.0053	0.00692	0.0184	0.00329	12.5	0.00000615	0.000136	0.000229	0.000752	0.0399	0.000007	2.42	0.0034	2.66	0.0621	0.000711	1.51	0.00388	0.00456	0.000131	0.000284	0.000181	0.0782	0.00000734	0.00043	0.000537	0.00247
2069 May	77.5	0.132	0.157	0.00306	16.6	0.0534	12.5	0.00000707	0.0163	0.00514	0.0069	0.0181	0.00319	12.2	0.00000605	0.000134	0.000224	0.000738	0.0388	0.00000688	2.37	0.00331	2.62	0.0602	0.000689	1.49	0.00379	0.00488	0.000125	0.000277	0.000176	0.0762	0.00000731	0.000417	0.00053	0.00245
2069 Jun	72.8	0.116	0.142	0.00278	15.6	0.0512	11.4	0.0000067	0.0139	0.0044	0.00656	0.0175	0.00271	11.4	0.0000053	0.000122	0.000203	0.000662	0.034	0.0000062	2.23	0.00294	2.53	0.0523	0.000605	1.45	0.00337	0.00401	0.000074	0.000243	0.000156	0.0706	0.0000069	0.00036	0.000485	0.00224
2069 Jul	74.3	0.121	0.146	0.00285	16	0.0518	11.7	0.00000685	0.0145	0.00458	0.0067	0.0178	0.00284	11.6	0.00000544	0.000125	0.000212	0.00068	0.0358	0.00000636	2.27	0.00304	2.57	0.0547	0.000624	1.47	0.0035	0.00407	0.0000731	0.000249	0.000161	0.0724	0.00000704	0.000372	0.000497	0.00228
2069 Aug	69.1	0.11	0.133	0.00265	14.9	0.0492	10.9	0.00000674	0.0138	0.0042	0.00661	0.0166	0.0026	10.9	0.00000521	0.000119	0.0002	0.000645	0.0344	0.00000605	2.11	0.00283	2.41	0.0503	0.000573	1.38	0.00323	0.00376	0.0000693	0.000232	0.00015	0.0672	0.00000691	0.000341	0.000478	0.00223
2069 Sep	68.7	0.111	0.134	0.00267	14.8	0.0483	10.8	0.0000067	0.014	0.00419	0.00656	0.0163	0.00261	10.8	0.0000052	0.000119	0.000195	0.000646	0.0349	0.00000606	2.09	0.00284	2.37	0.0506	0.000578	1.35	0.00319	0.00369	0.0000693	0.000233	0.000151	0.067	0.00000688	0.000345	0.000477	0.00222
2069 Oct	71.2	0.116	0.14	0.00276	15.3	0.0497	11.2	0.00000675	0.0147	0.00437	0.00661	0.0167	0.00273	11.2	0.0000057	0.000122	0.000205	0.000676	0.0356	0.00000622	2.16	0.00295	2.44	0.0529	0.000603	1.39	0.00332	0.00377	0.000137	0.000245	0.000157	0.0696	0.00000694	0.000361	0.000487	0.00234
2069 Nov	74.4	0.123	0.149	0.0029	16.1	0.0513	11.8	0.00000686	0.0154	0.00463	0.0067	0.0174	0.0029	11.7	0.00000598	0.000126	0.000215	0.000705	0.0371	0.00000646	2.26	0.0031	2.53	0.0562	0.000638	1.43	0.00351	0.00394	0.000158	0.000258	0.000165	0.073	0.00000706	0.000383	0.000501	0.00241
2069 Dec	76.6	0.128	0.155	0.003	16.6	0.0522	12.1	0.00000694	0.0159	0.00483	0.00678	0.0178	0.00304	12	0.00000604	0.00013	0.000221	0.000722	0.0383	0.00000664	2.32	0.00322	2.59	0.0588	0.000665	1.47	0.00365	0.00406	0.000147	0.000266	0.000171	0.0753	0.00000715	0.000399	0.000513	0.00242
2070 Jan	78	0.132	0.158	0.00306	16.9	0.0528	12.4	0.00000699	0.0162	0.00497	0.00683	0.0181	0.00313	12.2	0.00000608	0.000132	0.000225	0.000733	0.0391	0.00000676	2.36	0.0033	2.62	0.0605	0.000683	1.48	0.00374	0.00415	0.00014	0.000272	0.000175	0.0768	0.0000072	0.00041	0.00052	0.00243
2070 Feb	78.8	0.134	0.161	0.0031	17.1	0.0531	12.5	0.00000703	0.0164	0.00505	0.00686	0.0183	0.00319	12.4	0.00000611	0.000133	0.000228	0.00074	0.0396	0.00000683	2.39	0.00335	2.64	0.0615	0.000693	1.5	0.0038	0.0042	0.000136	0.000275	0.000178	0.0777	0.00000724	0.000417	0.000525	0.00244
2070 Mar	79.4	0.136	0.162	0.00313	17.2	0.0534	12.7	0.00000705	0.0165	0.00511	0.00688	0.0184	0.00323	12.5	0.00000613	0.000134	0.00023	0.000745	0.04	0.00000688	2.41	0.00338	2.66	0.0623	0.000701	1.51	0.00384	0.00424	0.000133	0.000278	0.00018	0.0784	0.00000727	0.000422	0.000528	0.00245
2070 Apr	78.8	0.135	0.16	0.0031	17	0.0533	12.6	0.00000704	0.0164	0.00507	0.00688	0.0183	0.0032	12.4	0.00000608	0.000134	0.000228	0.00074	0.0396	0.00000685	2.39	0.00336	2.65	0.0617	0.000694	1.5	0.00382	0.00454	0.000128	0.000275	0.000178	0.0777	0.00000725	0.000418	0.000526	0.00244
2070 May	77.3	0.131	0.155	0.00302	16.6	0.0529	12.3	0.00000703	0.0159	0.00493	0.00687	0.018	0.00311	12.1	0.00000598	0.000132	0.000223	0.000727	0.0386	0.00000674	2.35	0.00328	2.61	0.0599	0.000674	1.48	0.00373	0.00486	0.000123	0.000269	0.000174	0.0759	0.00000723	0.000406	0.00052	0.00242
2070 Jun	72.7	0.116	0.141	0.00275	15.6	0.0508	11.4	0.00000667	0.0136	0.00423	0.00653	0.0174	0.00265	11.3	0.00000526	0.00012	0.000203	0.000654	0.0339	0.00000609	2.21	0.00291	2.53	0.0523	0.000594	1.45	0.00333	0.00401	0.0000737	0.000237	0.000154	0.0705	0.00000683	0.000352	0.000477	0.00221
2070 Jul	74.2	0.12	0.145	0.00282	16	0.0515	11.6	0.00000681	0.0142	0.0044	0.00668	0.0177	0.00277	11.6	0.0000054	0.000123	0.000212	0.000672	0.0356	0.00000626	2.25	0.00302	2.57	0.0546	0.000613	1.46	0.00346	0.00406	0.0000729	0.000243	0.00016	0.0723	0.00000697	0.000364	0.000489	0.00226
2070 Aug	68.8	0.11	0.132	0.00262	14.8	0.0488	10.8	0.0000067	0.0135	0.00402	0.00657	0.0165	0.00253	10.8	0.00000516	0.000117	0.000199	0.000637	0.0342	0.00000594	2.09	0.0028	2.4	0.05	0.000561	1.37	0.00319	0.00374	0.0000689	0.000226	0.000148	0.0669	0.00000684	0.000333	0.00047	0.0022
2070 Sep	68.8	0.111	0.134	0.00265	14.8	0.048	10.8	0.00000666	0.0138	0.00405	0.00653	0.0163	0.00256	10.8	0.00000518	0.000117	0.000195	0.00064	0.0349	0.00000597	2.08	0.00283	2.36	0.0509	0.000571	1.35	0.00316	0.00368	0.0000692	0.000229	0.00015	0.0671	0.00000681	0.000339	0.00047	0.00219
2070 Oct	71.4	0.116	0.141	0.00275	15.4	0.0495	11.2	0.00000671	0.0145	0.00423	0.00658	0.0167	0.00268	11.2	0.00000571	0.00012	0.000205	0.000672	0.0357	0.00000614	2.16	0.00294	2.44	0.0533	0.000596	1.39	0.0033	0.00378	0.000144	0.000241	0.000157	0.0699	0.00000687	0.000355	0.00048	0.00232
2070 Nov	74.7	0.124	0.149	0.00289	16.1	0.0512	11.8	0.00000682	0.0152	0.00448	0.00667	0.0174	0.00286	11.7	0.00000599	0.000125	0.000216	0.000702	0.0372	0.00000638	2.26	0.0031	2.53	0.0567	0.000633	1.44	0.0035	0.00395	0.000163	0.000254	0.000165	0.0733	0.00000699	0.000378	0.000495	0.00239
2070 Dec	76.8	0.129	0.155	0.00298	16.6	0.052	12.1	0.0000069	0.0157	0.00467	0.00675	0.0178	0.00298	12	0.00000604	0.000128	0.000222	0.000718	0.0384	0.00000655	2.32	0.00321	2.59	0.0592	0.000658	1.47	0.00363	0.00407	0.000152	0.000262	0.000171	0.0755	0.00000707	0.000394	0.000506	0.00241

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	68.6	0.156	0.424	0.0184	14.5	0.0515	13.9	0.00000698	0.00586	0.00202	0.00863	0.0197	0.0000393	12.9	0.00000467	0.000211	0.000242	0.000592	0.038	0.00000389	2.22	0.002	3.09	0.0569	0.000958	1.78	0.00485	0.00423	0.0000693	0.000589	0.000107	0.0776	0.00000818	0.000267	0.00102	0.00239
Operation (2023 to 2025): Average	81.3	0.229	0.595	0.0251	17.6	0.0626	18.7	0.00000841	0.00928	0.00531	0.0113	0.0236	0.0000485	15.4	0.00000571	0.000312	0.000321	0.00077	0.0575	0.00000499	2.78	0.00253	3.89	0.0745	0.002	2.36	0.00811	0.00554	0.000119	0.00101	0.000151	0.0983	0.0000118	0.000347	0.00127	0.00284
Operation (2023 to 2025): Max	94.5	0.275	0.724	0.0296	21.4	0.0727	21.9	0.00000946	0.0119	0.00744	0.0146	0.0273	0.0000572	17.4	0.00000645	0.000443	0.000436	0.000894	0.0742	0.00000606	3.48	0.00312	4.46	0.085	0.00262	3.2	0.0103	0.00706	0.000171	0.00148	0.000181	0.126	0.0000179	0.0004	0.00146	0.00319
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Active Closure (2026 to Sept. 2042): Min	39.8	0.0228	0.1	0.00224	8.33	0.0373	5.65	0.00000524	0.00358	0.000487	0.00527	0.0124	0.0000112	6.77	0.00000286	0.0000638	0.0000892	0.00034	0.0146	0.00000265	1.3	0.00102	1.87	0.0111	0.000249	1.12	0.00101	0.00215	0.0000405	0.0000951	0.0000519	0.0391	0.00000524	0.0000539	0.000283	0.00161
Active Closure (2026 to Sept. 2042): Average	48.2	0.0486	0.14	0.00476	10	0.0407	7.09	0.00000566	0.005	0.00111	0.00586	0.0133	0.0000156	7.44	0.00000355	0.000084	0.000114	0.000398	0.0212	0.00000302	1.45	0.00112	2.07	0.0171	0.000479	1.2	0.00191	0.00264	0.000115	0.000156	0.000061	0.0439	0.0000057	0.000086	0.000407	0.00185
Active Closure (2026 to Sept. 2042): Max	79.8	0.258	0.571	0.0258	16.9	0.0654	19.9	0.00000841	0.0111	0.00622	0.00991	0.024	0.0000482	15.7	0.00000586	0.00025	0.000282	0.000825	0.0689	0.00000556	2.54	0.00242	4.01	0.0759	0.00247	2.03	0.00903	0.00633	0.000157	0.000671	0.000165	0.0906	0.00000882	0.000375	0.00134	0.00289
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Post Closure (Oct. 2042 to 2070): Min	48.4	0.0231	0.105	0.00224	10	0.0374	5.73	0.00000527	0.00461	0.000495	0.0053	0.0125	0.0000114	6.86	0.00000328	0.0000642	0.0000921	0.000356	0.0167	0.00000267	1.4	0.00106	1.88	0.0116	0.000258	1.13	0.00101	0.00219	0.0000432	0.0001	0.0000533	0.0419	0.00000528	0.0000555	0.000283	0.00171
Post Closure (Oct. 2042 to 2070): Average	69.4	0.105	0.146	0.003	14.9	0.0495	11.1	0.00000668	0.0132	0.00667	0.00656	0.0166	0.00273	10.9	0.00000541	0.00012	0.000191	0.000656	0.0334	0.00000585	2.12	0.0028	2.51	0.0464	0.000661	1.4	0.00355	0.00372	0.000131	0.000247	0.000145	0.0672	0.0000069	0.000328	0.000487	0.00233
Post Closure (Oct. 2042 to 2070): Max	96.3	0.123	0.279	0.00536	20.1	0.0536	13.1	0.00000714	0.0158	0.0115	0.00698	0.0216	0.00352	13.7	0.0000061	0.000139	0.000214	0.000754	0.0384	0.00000678	2.59	0.00325	3.23	0.0536	0.000903	1.84	0.00473	0.00445	0.000199	0.000305	0.000167	0.0887	0.00000752	0.000404	0.000564	0.0026
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	81.8	0.188	0.565	0.0241	18.7	0.0588	15.2	0.00000851	0.00724	0.00219	0.0132	0.0229	0.0000539	14.6	0.00000607	0.000443	0.000367	0.00069	0.0421	0.00000428	3.12	0.0027	3.41	0.0769	0.00104	2.78	0.0053	0.00444	0.000128	0.00135	0.000124	0.109	0.0000179	0.000292	0.00111	0.00284
2023 Feb	80.7	0.186	0.561	0.0239	18.4	0.0579	15	0.00000839	0.00714	0.00218	0.0131	0.0226	0.0000532	14.4	0.00000598	0.000437	0.000364	0.00068	0.0415	0.00000422	3.08	0.00267	3.37	0.076	0.00103	2.75	0.00524	0.00437	0.000126	0.00134	0.000123	0.107	0.0000177	0.000289	0.0011	0.0028
2023 Mar	78.9	0.182	0.552	0.0234	18	0.0565	14.7	0.00000819	0.00698	0.00214	0.0128	0.0221	0.000052	14.1	0.00000584	0.000428	0.000357	0.000664	0.0406	0.00000412	3.02	0.00261	3.29	0.0745	0.00102	2.7	0.00515	0.00426	0.000123	0.00132	0.00012	0.105	0.0000173	0.000284	0.00108	0.00273
2023 Apr	76.3	0.176	0.536	0.0226	17.4	0.0547	14.3	0.00000792	0.00674	0.00208	0.0124	0.0214	0.0000503	13.6	0.00000564	0.000414	0.000347	0.000642	0.0392	0.00000399	2.92	0.00253	3.18	0.072	0.000985	2.61	0.00499	0.00423	0.000119	0.00128	0.000116	0.102	0.0000167	0.000275	0.00105	0.00264
2023 May	74	0.17	0.521	0.0219	16.9	0.0533	13.9	0.00000772	0.00654	0.00202	0.0121	0.0208	0.0000488	13.2	0.00000548	0.000401	0.000338	0.000623	0.038	0.00000389	2.84	0.00246	3.09	0.0698	0.000958	2.54	0.00485	0.00426	0.000115	0.00124	0.000112	0.0988	0.0000161	0.000267	0.00102	0.00257
2023 Jun	73.6	0.156	0.519	0.0187	16.7	0.0567	14.7	0.0000078	0.00586	0.00229	0.012	0.0216	0.000045	13.3	0.00000507	0.000335	0.000338	0.000592	0.0391	0.00000411	2.77	0.00237	3.23	0.0623	0.00118	2.59	0.00492	0.00433	0.0000733	0.00115	0.000107	0.0975	0.0000132	0.000276	0.00109	0.00249
2023 Jul	94.5	0.224	0.722	0.026	21.4	0.0695	19.9	0.00000933	0.00842	0.00393	0.0146	0.0273	0.0000572	17.4	0.00000616	0.000414	0.000436	0.000782	0.0568	0.00000518	3.48	0.00312	4.17	0.085	0.00183	3.2	0.00734	0.00568	0.0000802	0.00148	0.000145	0.126	0.0000155	0.000391	0.00145	0.00303
2023 Aug	92.6	0.229	0.713	0.0264	20.7	0.0681	19.8	0.00000933	0.00913	0.00439	0.0142	0.0266	0.0000555	17.1	0.00000611	0.000398	0.000419	0.000798	0.0581	0.00000524	3.37	0.00306	4.15	0.0837	0.00188	3.04	0.00773	0.00562	0.0000782	0.00142	0.000148	0.122	0.0000151	0.000388	0.00142	0.00305
2023 Sep	88.5	0.234	0.69	0.0268	19.5	0.0656	19.7	0.00000917	0.00956	0.00505	0.0133	0.0252	0.0000522	16.6	0.00000592	0.000367	0.00038	0.000801	0.0576	0.00000524	3.16	0.00287	4.1	0.08	0.00195	2.77	0.00821	0.00545	0.0000744	0.00131	0.000152	0.112	0.0000141	0.000375	0.00136	0.00302
2023 Oct	90.7	0.253	0.718	0.0288	19.7	0.0675	20.8	0.00000936	0.0102	0.00586	0.0132	0.0257	0.0000526	17.1	0.00000639	0.000366	0.000378	0.000849	0.0594	0.00000541	3.19	0.00288	4.32	0.0821	0.00212	2.75	0.0091	0.00564	0.00014	0.00131	0.000163	0.112	0.0000139	0.000389	0.0014	0.00319
2023 Nov	89.9	0.26	0.724	0.0296	19.4	0.0668	21.1	0.00000915	0.0103	0.00625	0.0127	0.0254	0.0000518	17.1	0.00000645	0.000358	0.00037	0.000855	0.0594	0.00000535	3.14	0.00282	4.35	0.0823	0.00221	2.67	0.00951	0.00564	0.000171	0.00129	0.000167	0.11	0.0000134	0.000391	0.00139	0.00317
2023 Dec	85.4	0.249	0.692	0.0284	18.4	0.0632	20.2	0.00000864	0.00981	0.00605	0.012	0.0241	0.0000492	16.3	0.00000608	0.000339	0.00035	0.000812	0.0566	0.00000507	2.98	0.00268	4.14	0.0786	0.00212	2.52	0.00915	0.00538	0.000158	0.00123	0.00016	0.104	0.0000126	0.000374	0.00133	0.003
2024 Jan	81.7	0.239	0.664	0.0273	17.6	0.0604	19.3	0.00000825	0.00938	0.00582	0.0115	0.0231	0.0000471	15.6	0.00000581	0.000325	0.000334	0.000778	0.0542	0.00000485	2.85	0.00256	3.97	0.0754	0.00204	2.41	0.0088	0.00515	0.00015	0.00118	0.000153	0.0998	0.000012	0.000359	0.00127	0.00286
2024 Feb	78.2	0.23	0.636	0.0262	16.9	0.0577	18.5	0.00000788	0.00897	0.00559	0.011	0.0221	0.0000451	14.9	0.00000554	0.00031	0.00032	0.000744	0.0519	0.00000463	2.73	0.00245	3.8	0.0722	0.00196	2.3	0.00844	0.00494	0.000143	0.00112	0.000147	0.0954	0.0000115	0.000344	0.00122	0.00273
2024 Mar	74.6	0.22	0.608	0.025	16.1	0.0551	17.7	0.00000751	0.00856	0.00536	0.0104	0.0211	0.000043	14.2	0.00000528	0.000296	0.000305	0.00071	0.0496	0.00000442	2.6	0.00234	3.63	0.069	0.00187	2.2	0.00808	0.00472	0.000135	0.00107	0.000141	0.0911	0.0000109	0.000328	0.00116	0.0026
2024 Apr	71.6	0.211	0.585	0.0241	15.4	0.0528	17	0.0000072	0.00822	0.00516	0.01	0.0202	0.0000413	13.7	0.00000507	0.000284	0.000293	0.000682	0.0476	0.00000424	2.5	0.00225	3.48	0.0663	0.0018	2.11	0.00777	0.00454	0.00013	0.00103	0.000135	0.0874	0.0000105	0.000316	0.00112	0.0025
2024 May	69.8	0.206	0.569	0.0234	15	0.0515	16.6	0.00000702	0.008	0.00503	0.00976	0.0197	0.0000402	13.3	0.00000493	0.000277	0.000285	0.000665	0.0464	0.00000413	2.43	0.00219	3.4	0.0646	0.00176	2.05	0.00758	0.00443	0.000125	0.001	0.000132	0.0851	0.0000102	0.000307	0.00109	0.00243
2024 Jun	68.6	0.177	0.445	0.0184	14.8	0.0561	15.5	0.00000735	0.00693	0.00424	0.00942	0.0206	0.0000393	12.9	0.00000467	0.000235	0.000259	0.000631	0.0468	0.0000043	2.31	0.00203	3.33	0.0569	0.00162	1.99	0.00643	0.00489	0.0000693	0.000745	0.000121	0.0802	0.00000929	0.00027	0.00105	0.00239
2024 Jul	88.9	0.242	0.598	0.0248	19.3	0.0703	20.4	0.000009	0.00949	0.00588	0.0117	0.0265	0.0000521	16.9	0.00000581	0.000303	0.000339	0.000825	0.0663	0.00000546	2.94	0.00271	4.27	0.0788	0.00228	2.5	0.00872	0.00656	0.0000756	0.000944	0.000163	0.106	0.0000113	0.000372	0.00139	0.00295
2024 Aug	88.5	0.247	0.605	0.0254	19.1	0.0698	20.5	0.00000911	0.0102	0.00612	0.0117	0.0263	0.0000521	16.9	0.00000586	0.000301	0.000337	0.000843	0.0682	0.00000556	2.92	0.00273	4.28	0.0796	0.00233	2.45	0.00896	0.00652	0.0000753	0.000934	0.000165	0.105	0.0000114	0.000377	0.0014	0.003
2024 Sep	85.7	0.251	0.602	0.0259	18.3	0.0677	20.4	0.00000902	0.0105	0.00645	0.0114	0.0252	0.0000504	16.5	0.00000577	0.000289	0.000316	0.000842	0.0674	0.00000555	2.8	0.00263	4.22	0.0777	0.00235	2.32	0.00917	0.00628	0.0000731	0.000892	0.000167	0.0998	0.000011	0.000371	0.00137	0.003
2024 Oct	88.5	0.269	0.638	0.028	18.8	0.0699	21.6	0.00000924	0.0112	0.00714	0.0115	0.0259	0.0000516	17.2	0.00000627	0.000295	0.000322	0.000889	0.0693	0.00000574	2.87	0.00268	4.44	0.0807	0.00252	2.34	0.00997	0.00644	0.000139	0.000921	0.000178	0.102	0.000011	0.000388	0.00142	0.00318
2024 Nov	88.1	0.275	0.651	0.0289	18.6	0.0692	21.9	0.00000906	0.0112	0.00744	0.0112	0.0257	0.0000512	17.2	0.00000635	0.000293	0.000319	0.000894	0.069	0.00000567	2.85	0.00264	4.46	0.0813	0.00258	2.3	0.0103	0.00641	0.00017	0.000924	0.000181	0.1	0.0000107	0.000393	0.00142	0.00317
2024 Dec	83.7	0.264	0.624	0.0277	17.7	0.0655	20.9	0.00000855	0.0107	0.00716	0.0106	0.0244	0.0000487	16.4	0.00000599	0.000278	0.000303	0.000849	0.0657	0.00000537	2.71	0.00251	4.25	0.0778	0.00248	2.18	0.0099	0.00611	0.000158	0.000882	0.000173	0.0954	0.0000101	0.000376	0.00136	0.00299
2025 Jan	80.1	0.253	0.598	0.0266	16.9	0.0625	20	0.00000816	0.0102	0.00688	0.0101	0.0234	0.0000466	15.7	0.00000572	0.000266	0.000289	0.000812	0.0629	0.00000513	2.59	0.0024	4.07	0.0745	0.00238	2.08	0.0095	0.00585	0.00015	0.000845	0.000166	0.0913	0.00000963	0.00036	0.0013	0.00285
2025 Feb	76.7	0.243	0.574	0.0255	16.2	0.0598	19.2	0.00000781	0.00976	0.00661	0.00966	0.0224	0.0000446	15	0.00000547	0.000255	0.000277	0.000778	0.0603	0.00000491	2.48	0.0023	3.9	0.0715	0.00228	1.99	0.00912	0.0056	0.000142	0.00081	0.000159	0.0874	0.00000921	0.000345	0.00125	0.00273
2025 Mar	73.3	0.233	0.55	0.0245	15.5	0.0572	18.4	0.00000745	0.00933	0.00634	0.00922	0.0214	0.0000427	14.3	0.00000522	0.000244	0.000265	0.000744	0.0577	0.00000469	2.37	0.0022	3.73	0.0684	0.00219	1.9	0.00874	0.00536	0.000135	0.000775	0.000152	0.0836	0.00000879	0.000331	0.00119	0.00261
2025 Apr	70.3	0.223	0.528	0.0235	14.8	0.0547	17.6	0.00000714	0.00894	0.00608	0.00882	0.0205	0.0000409	13.7	0.00000499	0.000234	0.000253	0.000712	0.0553	0.0000045	2.27	0.00211	3.58	0.0656	0.0021	1.82	0.00839	0.00515	0.000129	0.000743	0.000146	0.08	0.00000841	0.000317	0.00114	0.00249
2025 May	68.7	0.218	0.516	0.0229	14.5	0.0536	17.2	0.00000698	0.00873	0.00594	0.00863	0.0201	0.00004	13.4	0.00000488	0.000228	0.000248	0.000697	0.054	0.0000044	2.22	0.00206	3.5	0.0641	0.00205	1.78	0.0082	0.00505	0.000126	0.000725	0.000143	0.0782	0.00000823	0.00031	0.00112	0.00244
2025 Jun	69	0.188	0.424	0.0184	14.7	0.0584	16.2	0.00000753	0.0077	0.00483	0.0089	0.0212	0.0000401	13.2	0.00000473	0.000211	0.000242	0.000661	0.0528	0.00000461	2.24	0.002	3.43	0.0582	0.00185	1.87	0.00691	0.00537	0.0000707	0.000589	0.000132	0.0776	0.00000818	0.000283	0.0011	0.00243
2025 Jul	88.5	0.252	0.573	0.0245	19.1	0.0727	21	0.00000935	0.0106	0.00637	0.0111	0.0271	0.0000527	17.1	0.00000588	0.000276	0.000316	0.000856	0.0728	0.00000591	2.86	0.00266	4.32	0.0799	0.0025	2.34	0.0091	0.00706	0.0000773	0.000771	0.000176	0.102	0.0000101	0.000392	0.00146	0.00299
2025 Aug	87.9	0.256	0.58	0.025	18.9	0.072	20.9	0.00000946	0.0112	0.00646	0.0112	0.0268	0.0000526	17	0.00000593	0.000277	0.000316	0.000868	0.0742	0.000006	2.84	0.00268	4.28	0.0805	0.00252	2.31	0.00919	0.00699	0.0000769	0.000767	0.000177	0.101	0.0000102	0.000396	0.00146	0.00303
2025 Sep	84	0.254	0.569	0.0251	18	0.0691	20.2	0.00000926	0.0114	0.00636	0.0108	0.0254	0.0000505	16.3	0.00000578	0.000265	0.000296	0.00085	0.0721	0.00000592	2.7	0.00257	4.13	0.0775	0.00245	2.18	0.00899	0.00664	0.0000741	0.000721	0.000172	0.0959	0.00000983	0.000383	0.0014	0.00299
2025 Oct	86	0.268	0.596	0.0267	18.3	0.0709	21	0.00000934	0.0119	0.0066	0.0109	0.0259	0.0000516	16.8	0.00000625	0.000269	0.000303	0.000884	0.0737	0.00000606	2.75	0.00261	4.28	0.08	0.00257	2.2	0.00944	0.00675	0.00014	0.000727	0.000177	0.0976	0.00000985	0.000396	0.00143	0.00314
2025 Nov	85.6	0.274	0.608	0.0274	18.2	0.0703	21.2	0.00000908	0.0119	0.00664	0.0107	0.0257	0.0000516	16.8	0.00000633	0.000268	0.000303	0.000886	0.0737	0.00000598	2.73	0.00259	4.29	0.0809	0.00262	2.18	0.00961	0.00674	0.000171	0.00072	0.000177	0.0971	0.00000954	0.0004	0.00143	0.00312
2025 Dec	81.4	0.263	0.583	0.0263	17.3	0.0667	20.3	0.00000857	0.0113	0.00635	0.0101	0.0245	0.0000492	16	0.00000598	0.000255	0.000288	0.000842	0.0704	0.00000567	2.59	0.00247	4.09	0.0775	0.00252	2.07	0.00921	0.00643	0.000159	0.000685	0.000169	0.0925	0.00000899	0.000383	0.00137	0.00295
2026 Jan	79.6	0.258	0.571	0.0258	16.9	0.0651	19.8	0.00000836	0.011	0.00621	0.00986	0.0239	0.0000481	15.6	0.00000584	0.000249	0.000281	0.000823	0.0688	0.00000554	2.53	0.00241	3.99	0.0759	0.00247	2.02	0.00902	0.00629	0.000154	0.00067	0.000165	0.0904	0.00000877	0.000374	0.00134	0.00288
2026 Feb	79.6	0.258	0.57	0.0258	16.9	0.0651	19.8	0.00000836	0.011	0.00621	0.00986	0.0239	0.0000481	15.6	0.00000584	0.000249	0.000281	0.000823	0.0688	0.00000554	2.53	0.00241	3.99	0.0758	0.00246	2.02	0.00901	0.00629	0.000154	0.000669	0.000165	0.0904	0.00000877	0.000374	0.00134	0.00288
2026 Mar	79.6	0.257	0.57	0.0258	16.9	0.0651	19.8	0.00000836	0.011	0.00621	0.00986	0.0239	0.0000481	15.6	0.00000584	0.000249	0.000281	0.000822	0.0688	0.00000554	2.53	0.00241	3.99	0.0758	0.00246	2.02	0.00901	0.00629	0.000154	0.000669	0.000165	0.0904	0.00000877	0.000374	0.00134	0.00288
2026 Apr	79.7	0.258	0.571	0.0258	16.9	0.0652	19.8	0.00000837	0.011	0.00621	0.00987	0.0239	0.0000481	15.6	0.00000584	0.000249	0.000281	0.000824	0.0688	0.00000555	2.53	0.00241	4	0.0759	0.00247	2.02	0.00902	0.00631	0.000154	0.00067	0.000165	0.0905	0.00000878	0.000375	0.00134	0.00288
2026 May	79.8	0.258	0.571	0.0258	16.9	0.0654	19.9	0.00000841	0.0111	0.00622	0.00991	0.024	0.0000482	15.7	0.00000586	0.00025	0.000282	0.000825	0.0689	0.00000556	2.54	0.00242	4.01	0.0759	0.00247	2.03	0.00903	0.00633	0.000155	0.000671	0.000165	0.0906	0.00000882	0.000375	0.00134	0.00289
2026 Jun	46.7	0.106	0.224	0.0103	9.8	0.0446	9.93	0.0000059	0.00507	0.00253	0.00649	0.0147	0.000024	8.52	0.00000356	0.000123	0.00015	0.000452	0.0294	0.00000348	1.53	0.00121	2.39	0.0298	0.000974	1.29	0.00389	0.00353	0.0000668	0.000282	0.0000773	0.0477	0.00000605	0.000153	0.000651	0.00191
2026 Jul	43.1	0.0813	0.169	0.00776	9.06	0.043	8.51	0.00000577	0.00431	0.00193	0.00621	0.0137	0.0000206	7.63	0.00000331	0.000105	0.000135	0.000406	0.0238	0.00000328	1.42	0.00105	2.21	0.0225	0.000734	1.22	0.00308	0.0032	0.0000497	0.00022	0.0000645	0.0422	0.00000587	0.000118	0.000552	0.00183
2026 Aug	41.5	0.0761	0.159	0.00732	8.72	0.0419	8.12	0.00000583	0.0046	0.00181	0.00624	0.0132	0.0000202	7.34	0.0000033	0.000103	0.000132	0.000402	0.0239	0.00000329	1.36	0.00103	2.12	0.0214	0.000692	1.18	0.00292	0.00304	0.0000474	0.00021	0.0000626	0.0406	0.00000592	0.000112	0.000538	0.00183
2026 Sep	39.8	0.0725	0.153	0.00702	8.33	0.04	7.76	0.00000585	0.005	0.00172	0.00624	0.0125	0.0000198	7.05	0.00000328	0.000101	0.000124	0.000399	0.0248	0.00000328	1.3	0.00102	2.01	0.0208	0.000667	1.12	0.00274	0.00283	0.0000437	0.000202	0.0000622	0.0391	0.00000594	0.000109	0.000528	0.00183
2026 Oct	40.4	0.0739	0.157	0.00718	8.46	0.0405	7.89	0.00000591	0.00542	0.00175	0.00631	0.0125	0.0000202	7.15	0.00000369	0.000102	0.000128	0.000417	0.0255	0.00000332	1.31	0.00105	2.03	0.0214	0.000685	1.12	0.00278	0.0028	0.000108	0.000209	0.0000638	0.0399	0.000006	0.000112	0.000537	0.00194
2026 Nov	40.8	0.0743	0.159	0.00724	8.56	0.0409	7.96	0.00000593	0.00562	0.00177	0.00634	0.0125	0.0000203	7.21	0.00000394	0.000103	0.000131	0.000427	0.0257	0.00000334	1.32	0.00105	2.04	0.0216	0.000691	1.13	0.00281	0.00279	0.00015	0.000212	0.0000643	0.0403	0.00000602	0.000113	0.00054	0.00201
2026 Dec	40.8	0.0743	0.159	0.00724	8.55	0.0409	7.95	0.00000593	0.00562	0.00177	0.00634	0.0125	0.0000203	7.21	0.00000394	0.000103	0.000131	0.000427	0.0257	0.00000334	1.32	0.00105	2.04	0.0216	0.000691	1.13	0.00281	0.00279	0.00015	0.000212	0.0000642	0.0403	0.00000602	0.000113	0.00054	0.00201
2027 Jan	40.8	0.0743	0.159	0.00724	8.55	0.0409	7.95	0.00000593	0.00562	0.00177	0.00634	0.0125	0.0000203	7.21	0.00000394	0.000103	0.000131	0.000427	0.0257	0.00000334	1.32	0.00105	2.04	0.0216	0.000691	1.13	0.0028	0.00279	0.00015	0.000212	0.0000642	0.0403	0.00000602	0.000113	0.00054	0.00201
2027 Feb	40.8	0.0743	0.159	0.00724	8.55	0.0409	7.95	0.00000593	0.00562	0.00176	0.00634	0.0125	0.0000203	7.21	0.00000394	0.000103	0.000131	0.000427	0.0257	0.00000334	1.32	0.00105	2.04	0.0216	0.000691	1.13	0.0028	0.00279	0.00015	0.000212	0.0000642	0.0403	0.00000602	0.000113	0.00054	0.00201
2027 Mar	40.8	0.0743	0.159	0.00724	8.55	0.0409	7.95	0.00000593	0.00562	0.00176	0.00634	0.0125	0.0000203	7.21	0.00000394	0.000103	0.000131	0.000427	0.0257	0.00000334	1.32	0.00105	2.04	0.0216	0.000691	1.13	0.0028	0.00279	0.00015	0.000212	0.0000642	0.0403	0.00000602	0.000113	0.00054	0.00201
2027 Apr	40.9	0.0744	0.159	0.00725	8.56	0.0409	7.97	0.00000594	0.00563	0.00177	0.00635	0.0125	0.0000203	7.22	0.00000395	0.000103	0.000131	0.000428	0.0257	0.00000334	1.32	0.00106	2.04	0.0216	0.000692	1.13	0.00281	0.00281	0.00015	0.000212	0.0000643	0.0403	0.00000603	0.000113	0.000541	0.00201
2027 May	41.2	0.0747	0.16	0.00728	8.61	0.0412	8.02	0.00000599	0.00566	0.00178	0.0064	0.0126	0.0000204	7.27	0.00000397	0.000104	0.000132	0.000431	0.0259	0.00000337	1.33	0.00106	2.06	0.0217	0.000695	1.14	0.00282	0.00284	0.00015	0.000213	0.0000647	0.0406	0.00000608	0.000113	0.000544	0.00203
2027 Jun	46.7	0.0807	0.175	0.00769	9.75	0.0451	8.78	0.00000609	0.00482	0.00186	0.00652	0.0144	0.0000211	8.05	0.00000364	0.000108	0.000138	0.000434	0.0252	0.00000344	1.5	0.00114	2.31	0.0232	0.000741	1.29	0.00304	0.00327	0.0000797	0.000219	0.000068	0.0453	0.00000618	0.00012	0.000561	0.00196
2027 Jul	48.6	0.0825	0.181	0.00784	10.2	0.0464	9.01	0.0000062	0.0048	0.00189	0.00663	0.015	0.0000214	8.34	0.00000359	0.00011	0.000143	0.00044	0.0257	0.0000035	1.56	0.00117	2.39	0.0239	0.000758	1.33	0.00311	0.00341	0.0000604	0.000223	0.0000697	0.0471	0.00000629	0.000123	0.00057	0.00197
2027 Aug	46.4	0.0769	0.17	0.00738	9.73	0.0446	8.54	0.00000618	0.00505	0.00178	0.00659	0.0143	0.0000208	7.96	0.00000353	0.000106	0.000138	0.00043	0.0256	0.00000346	1.49	0.00114	2.27	0.0226	0.000712	1.27	0.00294	0.00321	0.0000559	0.000212	0.0000672	0.0448	0.00000627	0.000117	0.000552	0.00195
2027 Sep	43.9	0.0725	0.162	0.00701	9.18	0.0421	8.07	0.00000609	0.00531	0.00169	0.00647	0.0133	0.0000201	7.54	0.00000344	0.000103	0.000129	0.000419	0.0259	0.0000034	1.4	0.00111	2.13	0.0216	0.000678	1.2	0.00274	0.00296	0.0000496	0.000203	0.0000657	0.0425	0.00000617	0.000112	0.000534	0.00191
2027 Oct	43.9	0.0723	0.163	0.00702	9.19	0.042	8.06	0.00000607	0.00562	0.00169	0.00646	0.0132	0.0000201	7.53	0.00000379	0.000103	0.000131	0.000431	0.0261	0.00000339	1.4	0.00111	2.12	0.0217	0.000679	1.18	0.00272	0.00289	0.000111	0.000206	0.0000662	0.0427	0.00000615	0.000112	0.000533	0.00199
2027 Nov	44.1	0.072	0.163	0.00703	9.23	0.0422	8.08	0.00000606	0.00579	0.00169	0.00645	0.0131	0.0000201	7.55	0.00000401	0.000103	0.000132	0.000438	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.00068	1.18	0.00273	0.00286	0.000151	0.000208	0.0000662	0.0428	0.00000615	0.000113	0.000532	0.00205
2027 Dec	44.1	0.072	0.163	0.00702	9.22	0.0422	8.08	0.00000606	0.00579	0.00169	0.00645	0.0131	0.0000201	7.55	0.00000401	0.000103	0.000132	0.000438	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.00068	1.18	0.00273	0.00286	0.000151	0.000208	0.0000662	0.0428	0.00000615	0.000113	0.000532	0.00205
2028 Jan	44.1	0.072	0.163	0.00702	9.22	0.0422	8.07	0.00000606	0.00579	0.00168	0.00645	0.0131	0.0000201	7.55	0.00000401	0.000103	0.000132	0.000438	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.000679	1.18	0.00272	0.00286	0.000151	0.000208	0.0000662	0.0428	0.00000615	0.000113	0.000532	0.00205
2028 Feb	44.1	0.072	0.163	0.00702	9.22	0.0422	8.07	0.00000606	0.00579	0.00168	0.00645	0.0131	0.0000201	7.55	0.00000401	0.000103	0.000132	0.000438	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.000679	1.18	0.00272	0.00286	0.000151	0.000208	0.0000662	0.0428	0.00000615	0.000113	0.000532	0.00205
2028 Mar	44.1	0.072	0.163	0.00702	9.22	0.0422	8.07	0.00000606	0.00579	0.00168	0.00645	0.0131	0.0000201	7.55	0.00000401	0.000103	0.000132	0.000438	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.000679	1.18	0.00272	0.00286	0.000151	0.000208	0.0000662	0.0428	0.00000615	0.000113	0.000532	0.00205
2028 Apr	44.1	0.0721	0.163	0.00703	9.23	0.0423	8.09	0.00000608	0.00579	0.00169	0.00646	0.0132	0.0000201	7.56	0.00000402	0.000103	0.000133	0.000439	0.0261	0.00000339	1.4	0.00112	2.12	0.0218	0.00068	1.19	0.00273	0.00288	0.000151	0.000208	0.0000663	0.0429	0.00000616	0.000113	0.000533	0.00205
2028 May	44.4	0.0724	0.164	0.00706	9.28	0.0426	8.14	0.00000612	0.00582	0.00169	0.00651	0.0132	0.0000202	7.6	0.00000404	0.000104	0.000133	0.000442	0.0262	0.00000342	1.41	0.00112	2.14	0.0219	0.000683	1.19	0.00274	0.00291	0.000152	0.000209	0.0000667	0.0431	0.00000621	0.000113	0.000536	0.00206
2028 Jun	48.2	0.0738	0.169	0.00703	10.1	0.0449	8.51	0.00000603	0.00475	0.00169	0.00641	0.0145	0.0000199	8.06	0.00000359	0.000103	0.000133	0.000427	0.024	0.00000337	1.53	0.00115	2.3	0.0219	0.000683	1.3	0.00279	0.0032	0.0000787	0.000205	0.0000669	0.0459	0.00000611	0.000113	0.000527	0.00193
2028 Jul	49.7	0.0744	0.172	0.00707	10.4	0.0459	8.65	0.00000609	0.00467	0.00169	0.00647	0.015	0.00002	8.27	0.00000351	0.000103	0.000137	0.000429	0.0242	0.0000034	1.57	0.00117	2.36	0.0222	0.000688	1.33	0.00283	0.00332	0.0000589	0.000205	0.0000678	0.0472	0.00000617	0.000114	0.00053	0.00192
2028 Aug	47.3	0.0691	0.162	0.00664	9.91	0.0441	8.19	0.00000607	0.00492	0.00159	0.00643	0.0143	0.0000194	7.88	0.00000346	0.0001	0.000133	0.00042	0.0242	0.00000336	1.5	0.00113	2.24	0.021	0.000646	1.27	0.00267	0.00311	0.0000544	0.000195	0.0000654	0.0449	0.00000615	0.000109	0.000513	0.00191
2028 Sep	44.7	0.0653	0.155	0.00633	9.34	0.0414	7.72	0.00000598	0.00521	0.00151	0.00631	0.0133	0.0000188	7.46	0.00000336	0.0000975	0.000123	0.000409	0.0246	0.0000033	1.4	0.00111	2.09	0.0202	0.000617	1.19	0.00248	0.00286	0.0000478	0.000188	0.0000641	0.0426	0.00000605	0.000104	0.000497	0.00187
2028 Oct	44.8	0.0652	0.156	0.00635	9.35	0.0413	7.73	0.00000596	0.00553	0.00151	0.00629	0.0131	0.0000188	7.46	0.00000372	0.0000975	0.000125	0.000421	0.0249	0.00000329	1.4	0.00111	2.08	0.0203	0.000619	1.18	0.00247	0.00279	0.000111	0.000191	0.0000647	0.0427	0.00000603	0.000105	0.000496	0.00195
2028 Nov	45	0.065	0.157	0.00635	9.4	0.0415	7.75	0.00000595	0.0057	0.00151	0.00629	0.0131	0.0000188	7.48	0.00000395	0.0000974	0.000127	0.000429	0.0248	0.00000329	1.4	0.00112	2.09	0.0204	0.00062	1.18	0.00247	0.00276	0.000152	0.000193	0.0000647	0.0429	0.00000603	0.000105	0.000496	0.00201
2028 Dec	45	0.0649	0.157	0.00635	9.39	0.0415	7.75	0.00000595	0.0057	0.00151	0.00629	0.0131	0.0000188	7.47	0.00000395	0.0000974	0.000127	0.000429	0.0248	0.00000329	1.4	0.00112	2.09	0.0204	0.00062	1.18	0.00247	0.00276	0.000152	0.000193	0.0000647	0.0429	0.00000603	0.000105	0.000496	0.00201
2029 Jan	45	0.0649	0.157	0.00635	9.39	0.0415	7.75	0.00000595	0.0057	0.00151	0.00628	0.0131	0.0000188	7.47	0.00000394	0.0000974	0.000127	0.000429	0.0248	0.00000329	1.4	0.00112	2.09	0.0204	0.00062	1.18	0.00247	0.00276	0.000152	0.000193	0.0000647	0.0429	0.00000603	0.000105	0.000496	0.00201
2029 Feb	45	0.0649	0.157	0.00635	9.39	0.0415	7.75	0.00000595	0.0057	0.00151	0.00628	0.0131	0.0000188	7.47	0.00000394	0.0000974	0.000127	0.000429	0.0248	0.00000329	1.4	0.00112	2.09	0.0204	0.00062	1.18	0.00247	0.00276	0.000152	0.000193	0.0000647	0.0429	0.00000603	0.000105	0.000496	0.00201
2029 Mar	45	0.0649	0.157	0.00635	9.39	0.0415	7.75	0.00000595	0.0057	0.00151	0.00629	0.0131	0.0000188	7.47	0.00000394	0.0000974	0.000127	0.000429	0.0248	0.00000329	1.4	0.00112	2.09	0.0204	0.00062	1.18	0.00247	0.00276	0.000152	0.000193	0.0000647	0.0429	0.00000603	0.000105	0.000496	0.00201
2029 Apr	45	0.065	0.157	0.00636	9.4	0.0416	7.76	0.00000596	0.00571	0.00151	0.0063	0.0131	0.0000188	7.48	0.00000395	0.0000976	0.000127	0.00043	0.0249	0.00000329	1.41	0.00112	2.09	0.0204	0.000621	1.18	0.00247	0.00278	0.000152	0.000193	0.0000648	0.043	0.00000604	0.000105	0.000497	0.00201
2029 May	45.3	0.0653	0.158	0.00639	9.45	0.0419	7.81	0.00000601	0.00574	0.00152	0.00634	0.0132	0.0000189	7.53	0.00000398	0.0000982	0.000128	0.000432	0.025	0.00000332	1.42	0.00112	2.1	0.0205	0.000623	1.19	0.00249	0.00281	0.000152	0.000194	0.0000652	0.0432	0.00000608	0.000106	0.0005	0.00202
2029 Jun	49	0.0664	0.162	0.00632	10.2	0.0442	8.17	0.00000591	0.00463	0.0015	0.00623	0.0145	0.0000185	7.97	0.00000351	0.0000968	0.000128	0.000416	0.0226	0.00000326	1.53	0.00114	2.26	0.0204	0.00062	1.29	0.00253	0.0031	0.0000781	0.000189	0.0000651	0.0459	0.00000598	0.000105	0.000489	0.00189
2029 Jul	50.5	0.0668	0.164	0.00634	10.6	0.0452	8.29	0.00000597	0.00452	0.00151	0.00629	0.0149	0.0000186	8.17	0.00000342	0.0000975	0.000131	0.000417	0.0228	0.00000329	1.57	0.00116	2.32	0.0206	0.000623	1.33	0.00256	0.00321	0.0000579	0.000189	0.0000659	0.0471	0.00000604	0.000106	0.000491	0.00188
2029 Aug	48	0.0621	0.154	0.00596	10	0.0435	7.86	0.00000596	0.00478	0.00142	0.00626	0.0142	0.0000181	7.79	0.00000338	0.0000949	0.000127	0.000409	0.0228	0.00000327	1.5	0.00113	2.21	0.0195	0.000585	1.26	0.00242	0.00302	0.0000535	0.00018	0.0000635	0.0448	0.00000603	0.000101	0.000478	0.00187
2029 Sep	45.2	0.0583	0.146	0.00566	9.43	0.0407	7.38	0.00000586	0.00507	0.00134	0.00615	0.0132	0.0000176	7.35	0.00000328	0.000092	0.000117	0.000398	0.0233	0.0000032	1.4	0.0011	2.06	0.0187	0.000556	1.18	0.00223	0.00276	0.0000466	0.000173	0.0000622	0.0423	0.00000593	0.0000964	0.000462	0.00183
2029 Oct	45.3	0.0582	0.148	0.00568	9.44	0.0406	7.39	0.00000585	0.00539	0.00134	0.00613	0.013	0.0000175	7.35	0.00000363	0.0000919	0.000119	0.00041	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00222	0.00268	0.00011	0.000176	0.0000628	0.0425	0.00000591	0.0000968	0.000461	0.00191
2029 Nov	45.5	0.0579	0.148	0.00568	9.49	0.0409	7.41	0.00000584	0.00556	0.00134	0.00612	0.013	0.0000175	7.36	0.00000386	0.0000919	0.000121	0.000418	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00223	0.00266	0.00015	0.000178	0.0000628	0.0427	0.0000059	0.000097	0.000461	0.00196
2029 Dec	45.5	0.0579	0.148	0.00568	9.48	0.0408	7.4	0.00000584	0.00556	0.00134	0.00612	0.013	0.0000175	7.36	0.00000386	0.0000919	0.000121	0.000418	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00223	0.00266	0.00015	0.000178	0.0000628	0.0427	0.0000059	0.0000969	0.000461	0.00196
2030 Jan	45.5	0.0579	0.148	0.00568	9.48	0.0408	7.4	0.00000584	0.00556	0.00134	0.00612	0.013	0.0000175	7.36	0.00000386	0.0000919	0.000121	0.000418	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00223	0.00266	0.00015	0.000178	0.0000628	0.0427	0.0000059	0.0000969	0.000461	0.00196
2030 Feb	45.5	0.0579	0.148	0.00568	9.48	0.0408	7.4	0.00000584	0.00556	0.00134	0.00612	0.013	0.0000175	7.36	0.00000386	0.0000919	0.000121	0.000418	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00222	0.00266	0.00015	0.000178	0.0000628	0.0427	0.0000059	0.0000969	0.000461	0.00196
2030 Mar	45.5	0.0579	0.148	0.00568	9.48	0.0408	7.4	0.00000584	0.00556	0.00134	0.00612	0.013	0.0000175	7.36	0.00000386	0.0000919	0.000121	0.000418	0.0235	0.00000319	1.4	0.0011	2.05	0.0189	0.000559	1.17	0.00222	0.00266	0.00015	0.000178	0.0000628	0.0427	0.0000059	0.0000969	0.000461	0.00196
2030 Apr	45.5	0.058	0.148	0.00568	9.49	0.0409	7.41	0.00000585	0.00556	0.00134	0.00613	0.013	0.0000175	7.37	0.00000387	0.000092	0.000121	0.000418	0.0235	0.00000319	1.4	0.00111	2.05	0.0189	0.000559	1.17	0.00223	0.00269	0.00015	0.000178	0.0000629	0.0427	0.00000591	0.000097	0.000461	0.00197
2030 May	45.8	0.0582	0.149	0.0057	9.53	0.0412	7.46	0.00000589	0.00558	0.00135	0.00618	0.0131	0.0000176	7.41	0.00000389	0.0000926	0.000122	0.000421	0.0236	0.00000322	1.41	0.00111	2.06	0.019	0.000562	1.18	0.00224	0.00274	0.00015	0.000179	0.0000632	0.0429	0.00000596	0.0000974	0.000464	0.00198
2030 Jun	49.5	0.0595	0.153	0.00566	10.3	0.0436	7.83	0.00000579	0.00446	0.00134	0.00607	0.0143	0.0000173	7.86	0.00000342	0.0000913	0.000122	0.000405	0.0213	0.00000316	1.53	0.00113	2.23	0.0189	0.00056	1.28	0.00229	0.003	0.0000755	0.000174	0.0000632	0.0457	0.00000586	0.0000971	0.000454	0.00185

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	50.9	0.0598	0.155	0.00567	10.6	0.0445	7.95	0.00000585	0.00436	0.00134	0.00613	0.0148	0.0000174	8.06	0.00000334	0.000092	0.000126	0.000406	0.0214	0.00000319	1.57	0.00115	2.29	0.0192	0.000563	1.32	0.00232	0.00311	0.0000565	0.000174	0.0000639	0.0468	0.00000592	0.0000978	0.000456	0.00184
2030 Aug	48.6	0.0557	0.146	0.00535	10.1	0.0429	7.56	0.00000586	0.00463	0.00127	0.00612	0.0141	0.000017	7.7	0.0000033	0.0000899	0.000122	0.000399	0.0216	0.00000317	1.5	0.00112	2.18	0.0182	0.00053	1.26	0.0022	0.00293	0.0000524	0.000166	0.0000618	0.0446	0.00000592	0.000093	0.000446	0.00183
2030 Sep	45.6	0.0522	0.138	0.00506	9.5	0.0402	7.09	0.00000577	0.00491	0.00119	0.00601	0.0131	0.0000165	7.25	0.00000321	0.0000871	0.000113	0.000388	0.022	0.00000311	1.4	0.00109	2.03	0.0174	0.000502	1.17	0.00202	0.00267	0.0000456	0.000159	0.0000604	0.0421	0.00000582	0.000089	0.000431	0.00179
2030 Oct	45.7	0.052	0.14	0.00508	9.5	0.0401	7.09	0.00000575	0.00523	0.00119	0.00599	0.0129	0.0000164	7.24	0.00000355	0.000087	0.000114	0.0004	0.0222	0.0000031	1.39	0.00109	2.01	0.0175	0.000505	1.16	0.00201	0.0026	0.000108	0.000162	0.000061	0.0422	0.0000058	0.0000894	0.00043	0.00187
2030 Nov	45.9	0.0518	0.14	0.00508	9.55	0.0403	7.1	0.00000574	0.00539	0.00119	0.00598	0.0129	0.0000164	7.26	0.00000378	0.000087	0.000116	0.000407	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.00257	0.000147	0.000164	0.000061	0.0424	0.0000058	0.0000895	0.00043	0.00192
2030 Dec	45.8	0.0518	0.14	0.00508	9.54	0.0403	7.1	0.00000574	0.00539	0.00119	0.00598	0.0129	0.0000164	7.26	0.00000378	0.000087	0.000116	0.000407	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.00257	0.000147	0.000164	0.000061	0.0424	0.0000058	0.0000895	0.00043	0.00192
2031 Jan	45.8	0.0518	0.14	0.00508	9.54	0.0403	7.1	0.00000574	0.00539	0.00119	0.00598	0.0129	0.0000164	7.26	0.00000378	0.000087	0.000116	0.000407	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.00257	0.000147	0.000164	0.000061	0.0424	0.0000058	0.0000895	0.00043	0.00192
2031 Feb	45.8	0.0518	0.14	0.00508	9.54	0.0403	7.1	0.00000574	0.00539	0.00119	0.00598	0.0129	0.0000164	7.25	0.00000378	0.000087	0.000116	0.000407	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.00257	0.000147	0.000164	0.000061	0.0424	0.0000058	0.0000894	0.00043	0.00192
2031 Mar	45.8	0.0518	0.14	0.00508	9.54	0.0403	7.1	0.00000574	0.00539	0.00119	0.00598	0.0129	0.0000164	7.26	0.00000378	0.000087	0.000116	0.000407	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.00257	0.000147	0.000164	0.000061	0.0424	0.0000058	0.0000894	0.00043	0.00192
2031 Apr	45.9	0.0518	0.14	0.00508	9.55	0.0403	7.11	0.00000575	0.00539	0.00119	0.00599	0.0129	0.0000164	7.26	0.00000378	0.0000871	0.000116	0.000408	0.0222	0.0000031	1.4	0.00109	2.02	0.0175	0.000505	1.16	0.00201	0.0026	0.000147	0.000164	0.000061	0.0424	0.00000581	0.0000895	0.00043	0.00193
2031 May	46.2	0.052	0.141	0.0051	9.59	0.0406	7.15	0.00000579	0.00542	0.0012	0.00603	0.013	0.0000165	7.3	0.00000381	0.0000877	0.000117	0.00041	0.0223	0.00000313	1.41	0.0011	2.03	0.0176	0.000507	1.17	0.00202	0.00265	0.000147	0.000165	0.0000614	0.0426	0.00000585	0.0000899	0.000433	0.00194
2031 Jun	50	0.0537	0.145	0.00509	10.4	0.043	7.55	0.0000057	0.00431	0.0012	0.00593	0.0143	0.0000162	7.77	0.00000334	0.0000866	0.000117	0.000395	0.0201	0.00000307	1.53	0.00112	2.2	0.0177	0.00051	1.28	0.00209	0.00292	0.0000736	0.000161	0.0000615	0.0455	0.00000575	0.0000901	0.000425	0.00181
2031 Jul	51.4	0.0541	0.148	0.00512	10.7	0.044	7.68	0.00000576	0.00422	0.0012	0.00599	0.0147	0.0000163	7.97	0.00000327	0.0000874	0.000121	0.000397	0.0203	0.0000031	1.57	0.00114	2.26	0.0179	0.000513	1.31	0.00212	0.00303	0.0000548	0.000161	0.0000623	0.0467	0.00000581	0.0000909	0.000427	0.0018
2031 Aug	49	0.0503	0.139	0.00483	10.2	0.0424	7.29	0.00000577	0.0045	0.00114	0.00599	0.014	0.000016	7.62	0.00000324	0.0000856	0.000118	0.00039	0.0205	0.00000309	1.5	0.00111	2.16	0.017	0.000483	1.25	0.00201	0.00285	0.0000508	0.000155	0.0000602	0.0445	0.00000582	0.0000866	0.000418	0.0018
2031 Sep	46.1	0.0471	0.132	0.00458	9.57	0.0397	6.85	0.00000568	0.00479	0.00107	0.00589	0.013	0.0000156	7.18	0.00000315	0.0000831	0.000109	0.00038	0.021	0.00000304	1.4	0.00108	2	0.0163	0.000459	1.17	0.00185	0.0026	0.0000443	0.000148	0.0000589	0.042	0.00000573	0.000083	0.000406	0.00176
2031 Oct	46.1	0.0469	0.133	0.00459	9.58	0.0396	6.85	0.00000567	0.00511	0.00107	0.00587	0.0128	0.0000155	7.17	0.00000349	0.000083	0.00011	0.000391	0.0213	0.00000303	1.39	0.00108	1.99	0.0164	0.000461	1.16	0.00183	0.00253	0.000106	0.000151	0.0000595	0.0421	0.00000571	0.0000833	0.000405	0.00184
2031 Nov	46.3	0.0467	0.134	0.0046	9.62	0.0398	6.86	0.00000566	0.00527	0.00107	0.00586	0.0128	0.0000155	7.18	0.00000372	0.000083	0.000112	0.000399	0.0212	0.00000302	1.4	0.00109	1.99	0.0165	0.000462	1.16	0.00184	0.0025	0.000146	0.000153	0.0000596	0.0423	0.0000057	0.0000835	0.000404	0.00189
2031 Dec	46.2	0.0467	0.134	0.00459	9.62	0.0398	6.86	0.00000566	0.00527	0.00107	0.00586	0.0128	0.0000155	7.18	0.00000372	0.000083	0.000112	0.000399	0.0212	0.00000302	1.4	0.00109	1.99	0.0165	0.000462	1.16	0.00184	0.0025	0.000146	0.000153	0.0000595	0.0423	0.0000057	0.0000834	0.000404	0.00189
2032 Jan	46.2	0.0467	0.134	0.00459	9.62	0.0398	6.86	0.00000566	0.00527	0.00107	0.00586	0.0128	0.0000155	7.18	0.00000372	0.000083	0.000112	0.000399	0.0212	0.00000302	1.4	0.00109	1.99	0.0165	0.000461	1.16	0.00184	0.0025	0.000146	0.000153	0.0000595	0.0423	0.0000057	0.0000834	0.000404	0.00189
2032 Feb	46.2	0.0467	0.134	0.00459	9.61	0.0398	6.86	0.00000566	0.00527	0.00107	0.00586	0.0128	0.0000155	7.18	0.00000372	0.000083	0.000112	0.000399	0.0212	0.00000302	1.4	0.00109	1.99	0.0165	0.000461	1.16	0.00184	0.0025	0.000146	0.000153	0.0000595	0.0423	0.0000057	0.0000834	0.000404	0.00189
2032 Mar	46.2	0.0467	0.134	0.00459	9.61	0.0398	6.86	0.00000566	0.00527	0.00107	0.00586	0.0128	0.0000155	7.18	0.00000372	0.000083	0.000112	0.000399	0.0212	0.00000302	1.4	0.00109	1.99	0.0165	0.000461	1.16	0.00184	0.0025	0.000146	0.000153	0.0000595	0.0423	0.0000057	0.0000834	0.000404	0.00189
2032 Apr	46.3	0.0467	0.134	0.0046	9.62	0.0399	6.87	0.00000567	0.00527	0.00107	0.00587	0.0128	0.0000155	7.19	0.00000372	0.0000831	0.000112	0.000399	0.0213	0.00000303	1.4	0.00109	2	0.0165	0.000462	1.16	0.00184	0.00253	0.000146	0.000153	0.0000596	0.0423	0.00000572	0.0000835	0.000405	0.0019
2032 May	46.6	0.0469	0.134	0.00462	9.67	0.0401	6.91	0.00000571	0.0053	0.00108	0.00592	0.0129	0.0000156	7.23	0.00000375	0.0000836	0.000113	0.000402	0.0213	0.00000305	1.41	0.00109	2.01	0.0165	0.000464	1.17	0.00185	0.00257	0.000146	0.000154	0.0000599	0.0425	0.00000576	0.0000839	0.000407	0.00191
2032 Jun	50.4	0.0487	0.139	0.00461	10.4	0.0425	7.31	0.00000562	0.00419	0.00108	0.00582	0.0142	0.0000153	7.7	0.00000328	0.0000827	0.000114	0.000387	0.0191	0.000003	1.53	0.00111	2.18	0.0166	0.000466	1.27	0.00192	0.00285	0.0000724	0.00015	0.0000601	0.0453	0.00000566	0.0000841	0.000399	0.00178
2032 Jul	51.8	0.0491	0.142	0.00464	10.8	0.0435	7.44	0.00000568	0.0041	0.00108	0.00588	0.0146	0.0000154	7.89	0.00000321	0.0000834	0.000117	0.000388	0.0193	0.00000303	1.57	0.00113	2.24	0.0169	0.00047	1.3	0.00195	0.00296	0.0000537	0.00015	0.0000608	0.0465	0.00000572	0.000085	0.000402	0.00177
2032 Aug	49.2	0.0455	0.133	0.00437	10.2	0.0418	7.05	0.00000569	0.0044	0.00102	0.00587	0.0139	0.0000152	7.53	0.00000318	0.0000818	0.000114	0.000382	0.0196	0.00000302	1.49	0.0011	2.13	0.016	0.000442	1.24	0.00185	0.00278	0.0000496	0.000144	0.0000588	0.0442	0.00000573	0.0000809	0.000394	0.00176
2032 Sep	46.4	0.0428	0.127	0.00417	9.64	0.0392	6.64	0.00000561	0.00471	0.000967	0.00578	0.0129	0.0000148	7.11	0.00000309	0.0000797	0.000105	0.000373	0.0203	0.00000297	1.4	0.00107	1.98	0.0154	0.000423	1.16	0.0017	0.00254	0.0000433	0.000139	0.0000578	0.0419	0.00000565	0.000078	0.000384	0.00173
2032 Oct	46.5	0.0427	0.128	0.00419	9.66	0.0392	6.64	0.00000559	0.00503	0.000968	0.00577	0.0128	0.0000148	7.11	0.00000346	0.0000797	0.000107	0.000385	0.0205	0.00000296	1.39	0.00108	1.97	0.0156	0.000426	1.15	0.00169	0.00246	0.000108	0.000142	0.0000584	0.0421	0.00000563	0.0000785	0.000383	0.00182
2032 Nov	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.66	0.00000559	0.0052	0.000969	0.00576	0.0127	0.0000147	7.13	0.00000368	0.0000797	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.97	0.0156	0.000427	1.15	0.00169	0.00244	0.000148	0.000144	0.0000585	0.0423	0.00000563	0.0000787	0.000383	0.00187
2032 Dec	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.66	0.00000559	0.0052	0.000969	0.00576	0.0127	0.0000147	7.13	0.00000368	0.0000797	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.97	0.0156	0.000426	1.15	0.00169	0.00244	0.000148	0.000144	0.0000585	0.0422	0.00000563	0.0000786	0.000383	0.00187
2033 Jan	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.66	0.00000559	0.0052	0.000969	0.00576	0.0127	0.0000147	7.13	0.00000368	0.0000797	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.97	0.0156	0.000426	1.15	0.00169	0.00244	0.000148	0.000144	0.0000585	0.0422	0.00000563	0.0000786	0.000383	0.00187
2033 Feb	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.66	0.00000559	0.0052	0.000969	0.00576	0.0127	0.0000147	7.13	0.00000368	0.0000797	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.97	0.0156	0.000426	1.15	0.00169	0.00244	0.000148	0.000144	0.0000585	0.0422	0.00000563	0.0000786	0.000383	0.00187
2033 Mar	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.66	0.00000559	0.0052	0.000969	0.00576	0.0127	0.0000147	7.13	0.00000368	0.0000797	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.97	0.0156	0.000426	1.15	0.00169	0.00244	0.000148	0.000144	0.0000585	0.0422	0.00000563	0.0000786	0.000383	0.00187
2033 Apr	46.7	0.0425	0.129	0.0042	9.7	0.0394	6.67	0.0000056	0.0052	0.000969	0.00577	0.0127	0.0000148	7.13	0.00000369	0.0000798	0.000109	0.000393	0.0205	0.00000296	1.4	0.00108	1.98	0.0156	0.000427	1.15	0.00169	0.00248	0.000148	0.000144	0.0000585	0.0423	0.00000564	0.0000787	0.000383	0.00187
2033 May	47	0.0427	0.129	0.00422	9.74	0.0397	6.71	0.00000564	0.00522	0.000973	0.00581	0.0128	0.0000149	7.17	0.00000371	0.0000803	0.00011	0.000396	0.0206	0.00000298	1.41	0.00109	1.99	0.0157	0.000428	1.16	0.0017	0.00253	0.000148	0.000145	0.0000589	0.0425	0.00000568	0.000079	0.000386	0.00189
2033 Jun	50.8	0.0446	0.134	0.00422	10.5	0.0422	7.12	0.00000555	0.00408	0.000976	0.00571	0.0142	0.0000146	7.65	0.00000323	0.0000794	0.00011	0.00038	0.0183	0.00000293	1.53	0.00111	2.16	0.0158	0.000432	1.27	0.00178	0.0028	0.0000711	0.000141	0.000059	0.0453	0.00000558	0.0000793	0.000378	0.00175
2033 Jul	52.1	0.0449	0.137	0.00424	10.9	0.0431	7.24	0.00000561	0.004	0.000982	0.00578	0.0146	0.0000147	7.84	0.00000316	0.0000801	0.000114	0.000382	0.0185	0.00000296	1.57	0.00113	2.22	0.016	0.000435	1.3	0.0018	0.0029	0.0000527	0.000141	0.0000597	0.0465	0.00000565	0.0000801	0.00038	0.00174
2033 Aug	49.7	0.0417	0.128	0.004	10.3	0.0416	6.88	0.00000563	0.00429	0.00093	0.00579	0.0139	0.0000145	7.49	0.00000313	0.0000788	0.000111	0.000376	0.0188	0.00000296	1.49	0.0011	2.11	0.0152	0.000409	1.24	0.00172	0.00273	0.0000489	0.000136	0.0000578	0.0442	0.00000566	0.0000764	0.000375	0.00174
2033 Sep	46.7	0.039	0.122	0.0038	9.68	0.0389	6.46	0.00000555	0.0046	0.000876	0.0057	0.0129	0.0000141	7.05	0.00000305	0.0000767	0.000102	0.000367	0.0195	0.00000291	1.4	0.00107	1.96	0.0146	0.000389	1.16	0.00157	0.00249	0.0000426	0.00013	0.0000567	0.0417	0.00000558	0.0000734	0.000365	0.00171
2033 Oct	46.7	0.0389	0.123	0.00382	9.69	0.0388	6.46	0.00000553	0.00493	0.000875	0.00568	0.0127	0.0000141	7.04	0.00000342	0.0000766	0.000104	0.000379	0.0197	0.0000029	1.39	0.00107	1.95	0.0147	0.000392	1.15	0.00155	0.00241	0.000108	0.000134	0.0000573	0.0419	0.00000556	0.0000738	0.000364	0.00179
2033 Nov	46.9	0.0386	0.124	0.00382	9.74	0.039	6.47	0.00000553	0.0051	0.000877	0.00567	0.0127	0.0000141	7.06	0.00000365	0.0000766	0.000106	0.000387	0.0197	0.0000029	1.39	0.00107	1.95	0.0148	0.000392	1.15	0.00156	0.00238	0.000149	0.000136	0.0000573	0.0421	0.00000556	0.0000739	0.000363	0.00185
2033 Dec	46.9	0.0386	0.124	0.00382	9.73	0.039	6.47	0.00000552	0.0051	0.000876	0.00567	0.0127	0.0000141	7.06	0.00000365	0.0000766	0.000106	0.000387	0.0197	0.0000029	1.39	0.00107	1.95	0.0148	0.000392	1.15	0.00156	0.00238	0.000149	0.000136	0.0000573	0.0421	0.00000556	0.0000739	0.000363	0.00185
2034 Jan	46.9	0.0386	0.124	0.00382	9.73	0.039	6.47	0.00000552	0.0051	0.000876	0.00567	0.0127	0.0000141	7.06	0.00000364	0.0000766	0.000106	0.000386	0.0197	0.0000029	1.39	0.00107	1.95	0.0148	0.000392	1.15	0.00156	0.00238	0.000149	0.000136	0.0000573	0.042	0.00000556	0.0000739	0.000363	0.00185
2034 Feb	46.9	0.0386	0.124	0.00382	9.73	0.039	6.47	0.00000552	0.0051	0.000876	0.00567	0.0127	0.0000141	7.06	0.00000364	0.0000766	0.000106	0.000386	0.0197	0.0000029	1.39	0.00107	1.95	0.0148	0.000392	1.15	0.00156	0.00238	0.000149	0.000136	0.0000573	0.042	0.00000556	0.0000739	0.000363	0.00185
2034 Mar	46.9	0.0386	0.124	0.00382	9.73	0.039	6.47	0.00000553	0.0051	0.000876	0.00567	0.0127	0.0000141	7.06	0.00000364	0.0000766	0.000106	0.000386	0.0197	0.0000029	1.39	0.00107	1.95	0.0148	0.000392	1.15	0.00156	0.00238	0.000149	0.000136	0.0000573	0.042	0.00000556	0.0000739	0.000363	0.00185
2034 Apr	46.9	0.0387	0.124	0.00382	9.74	0.0391	6.48	0.00000554	0.0051	0.000877	0.00568	0.0127	0.0000141	7.07	0.00000365	0.0000767	0.000106	0.000387	0.0197	0.00000291	1.4	0.00108	1.96	0.0148	0.000392	1.15	0.00156	0.00242	0.000149	0.000136	0.0000573	0.0421	0.00000557	0.0000739	0.000364	0.00185
2034 May	47.2	0.0388	0.124	0.00384	9.77	0.0394	6.52	0.00000558	0.00512	0.000881	0.00572	0.0128	0.0000142	7.1	0.00000367	0.0000772	0.000107	0.000389	0.0197	0.00000293	1.4	0.00108	1.97	0.0148	0.000394	1.16	0.00157	0.00248	0.000149	0.000137	0.0000577	0.0423	0.00000561	0.0000743	0.000366	0.00186
2034 Jun	51.1	0.0409	0.13	0.00386	10.6	0.0418	6.94	0.00000549	0.00399	0.000887	0.00563	0.0141	0.0000139	7.59	0.00000319	0.0000764	0.000107	0.000374	0.0176	0.00000288	1.53	0.0011	2.14	0.015	0.000399	1.26	0.00165	0.00275	0.0000704	0.000133	0.0000579	0.0452	0.00000552	0.0000749	0.000359	0.00173
2034 Jul	52.4	0.0413	0.132	0.00389	10.9	0.0427	7.06	0.00000555	0.00392	0.000893	0.00569	0.0145	0.000014	7.77	0.00000311	0.0000772	0.000111	0.000376	0.0178	0.00000291	1.56	0.00112	2.2	0.0153	0.000403	1.3	0.00168	0.00285	0.0000521	0.000133	0.0000587	0.0463	0.00000558	0.0000757	0.000362	0.00172
2034 Aug	49.7	0.0382	0.123	0.00367	10.3	0.0411	6.69	0.00000557	0.00423	0.000846	0.0057	0.0138	0.0000139	7.41	0.00000309	0.0000759	0.000108	0.00037	0.0182	0.00000291	1.49	0.00109	2.09	0.0145	0.000379	1.23	0.00159	0.00267	0.0000481	0.000128	0.0000568	0.044	0.0000056	0.0000722	0.000357	0.00172
2034 Sep	46.9	0.0359	0.118	0.0035	9.72	0.0385	6.3	0.0000055	0.00455	0.000801	0.00562	0.0128	0.0000135	7	0.00000301	0.0000742	0.0000998	0.000362	0.0189	0.00000287	1.39	0.00106	1.94	0.014	0.000363	1.15	0.00146	0.00244	0.0000419	0.000124	0.0000558	0.0416	0.00000552	0.0000698	0.000349	0.00169
2034 Oct	47	0.0357	0.119	0.00352	9.74	0.0385	6.3	0.00000548	0.00487	0.0008	0.0056	0.0126	0.0000135	7	0.00000338	0.0000742	0.000102	0.000374	0.0192	0.00000286	1.39	0.00107	1.93	0.0141	0.000366	1.14	0.00145	0.00236	0.000107	0.000127	0.0000564	0.0418	0.00000551	0.0000702	0.000348	0.00177
2034 Nov	47.2	0.0355	0.12	0.00353	9.79	0.0387	6.32	0.00000547	0.00504	0.000802	0.0056	0.0126	0.0000135	7.02	0.0000036	0.0000741	0.000104	0.000381	0.0191	0.00000285	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00234	0.000147	0.000129	0.0000565	0.042	0.0000055	0.0000704	0.000348	0.00183
2034 Dec	47.1	0.0355	0.12	0.00353	9.78	0.0387	6.32	0.00000547	0.00504	0.000801	0.00559	0.0126	0.0000135	7.01	0.0000036	0.0000741	0.000104	0.000381	0.0191	0.00000285	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00234	0.000147	0.000129	0.0000565	0.042	0.0000055	0.0000703	0.000347	0.00183
2035 Jan	47.1	0.0355	0.12	0.00353	9.78	0.0387	6.32	0.00000547	0.00504	0.000801	0.00559	0.0126	0.0000135	7.01	0.0000036	0.0000741	0.000104	0.000381	0.0191	0.00000285	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00234	0.000147	0.000129	0.0000565	0.042	0.0000055	0.0000703	0.000347	0.00183
2035 Feb	47.1	0.0355	0.12	0.00353	9.78	0.0387	6.32	0.00000547	0.00504	0.000801	0.00559	0.0126	0.0000135	7.01	0.0000036	0.0000741	0.000104	0.000381	0.0191	0.00000285	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00234	0.000147	0.000129	0.0000565	0.042	0.0000055	0.0000703	0.000347	0.00183
2035 Mar	47.1	0.0355	0.12	0.00353	9.78	0.0387	6.32	0.00000547	0.00504	0.000801	0.0056	0.0126	0.0000135	7.01	0.0000036	0.0000741	0.000104	0.000381	0.0191	0.00000285	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00234	0.000147	0.000129	0.0000565	0.042	0.0000055	0.0000703	0.000347	0.00183
2035 Apr	47.2	0.0355	0.12	0.00353	9.78	0.0387	6.33	0.00000548	0.00504	0.000802	0.00561	0.0126	0.0000135	7.02	0.00000361	0.0000742	0.000104	0.000382	0.0191	0.00000286	1.39	0.00107	1.94	0.0142	0.000366	1.14	0.00145	0.00238	0.000147	0.000129	0.0000565	0.042	0.00000551	0.0000704	0.000348	0.00183
2035 May	47.5	0.0357	0.12	0.00354	9.82	0.039	6.37	0.00000552	0.00506	0.000805	0.00565	0.0127	0.0000136	7.06	0.00000363	0.0000747	0.000104	0.000384	0.0192	0.00000288	1.4	0.00108	1.95	0.0142	0.000368	1.15	0.00146	0.00243	0.000147	0.00013	0.0000568	0.0422	0.00000555	0.0000707	0.00035	0.00184
2035 Jun	51.3	0.0378	0.126	0.00357	10.6	0.0415	6.79	0.00000543	0.00391	0.000813	0.00555	0.0141	0.0000134	7.54	0.00000314	0.000074	0.000105	0.000369	0.017	0.00000283	1.52	0.0011	2.12	0.0144	0.000373	1.26	0.00154	0.0027	0.0000685	0.000126	0.0000571	0.0451	0.00000546	0.0000713	0.000344	0.0017
2035 Jul	52.5	0.0381	0.128	0.00358	10.9	0.0424	6.9	0.0000055	0.00385	0.000818	0.00562	0.0145	0.0000135	7.71	0.00000308	0.0000747	0.000108	0.00037	0.0171	0.00000286	1.56	0.00112	2.18	0.0146	0.000376	1.29	0.00157	0.0028	0.0000515	0.000126	0.0000577	0.0461	0.00000553	0.0000719	0.000346	0.0017
2035 Aug	49.8	0.0352	0.119	0.00338	10.3	0.0408	6.54	0.00000552	0.00416	0.000775	0.00563	0.0137	0.0000133	7.35	0.00000305	0.0000736	0.000106	0.000365	0.0176	0.00000287	1.48	0.00108	2.07	0.0138	0.000353	1.23	0.00149	0.00263	0.0000475	0.000122	0.0000558	0.0438	0.00000555	0.0000686	0.000342	0.0017
2035 Sep	47	0.033	0.114	0.00323	9.73	0.0382	6.15	0.00000545	0.00448	0.000733	0.00556	0.0127	0.0000131	6.94	0.00000298	0.000072	0.0000974	0.000357	0.0183	0.00000283	1.39	0.00105	1.93	0.0133	0.000338	1.15	0.00136	0.00239	0.0000414	0.000117	0.0000549	0.0414	0.00000548	0.0000662	0.000335	0.00167
2035 Oct	47.1	0.0329	0.115	0.00325	9.75	0.0382	6.16	0.00000543	0.00481	0.000733	0.00554	0.0126	0.000013	6.94	0.00000336	0.0000719	0.0000995	0.00037	0.0186	0.00000282	1.39	0.00106	1.92	0.0135	0.00034	1.14	0.00135	0.00232	0.00011	0.000121	0.0000555	0.0416	0.00000546	0.0000667	0.000334	0.00176
2035 Nov	47.2	0.0326	0.116	0.00325	9.8	0.0384	6.18	0.00000543	0.00498	0.000734	0.00553	0.0126	0.000013	6.96	0.0000036	0.0000719	0.000102	0.000377	0.0185	0.00000281	1.39	0.00106	1.92	0.0135	0.000341	1.14	0.00136	0.00229	0.000152	0.000123	0.0000555	0.0418	0.00000545	0.0000669	0.000334	0.00182
2035 Dec	47.2	0.0326	0.116	0.00325	9.8	0.0384	6.18	0.00000543	0.00498	0.000734	0.00553	0.0126	0.000013	6.96	0.0000036	0.0000719	0.000102	0.000377	0.0185	0.00000281	1.39	0.00106	1.92	0.0135	0.000341	1.14	0.00136	0.00229	0.000151	0.000123	0.0000555	0.0418	0.00000545	0.0000668	0.000334	0.00182
2036 Jan	47.2	0.0326	0.116	0.00325	9.79	0.0384	6.18	0.00000543	0.00498	0.000734	0.00553	0.0126	0.000013	6.96	0.0000036	0.0000719	0.000102	0.000377	0.0185	0.00000281	1.39	0.00106	1.92	0.0135	0.000341	1.14	0.00135	0.00229	0.000151	0.000123	0.0000555	0.0418	0.00000545	0.0000668	0.000333	0.00182
2036 Feb	47.2	0.0326	0.116	0.00325	9.79	0.0384	6.18	0.00000543	0.00498	0.000734	0.00553	0.0125	0.000013	6.96	0.00000359	0.0000719	0.000102	0.000377	0.0185	0.00000281	1.39	0.00106	1.92	0.0135	0.000341	1.14	0.00135	0.00229	0.000151	0.000123	0.0000555	0.0418	0.00000545	0.0000668	0.000333	0.00182
2036 Mar	47.2	0.0326	0.116	0.00325	9.79	0.0384	6.18	0.00000543	0.00498	0.000734	0.00553	0.0126	0.000013	6.96	0.0000036	0.0000719	0.000102	0.000377	0.0185	0.00000281	1.39	0.00106	1.92	0.0135	0.000341	1.14	0.00135	0.00229	0.000151	0.000123	0.0000555	0.0418	0.00000545	0.0000668	0.000334	0.00182
2036 Apr	47.3	0.0327	0.116	0.00326	9.8	0.0385	6.19	0.00000544	0.00499	0.000735	0.00554	0.0126	0.000013	6.96	0.0000036	0.000072	0.000102	0.000378	0.0185	0.00000282	1.39	0.00107	1.92	0.0135	0.000341	1.14	0.00136	0.00233	0.000151	0.000123	0.0000556	0.0418	0.00000546	0.0000669	0.000334	0.00182
2036 May	47.6	0.0328	0.116	0.00327	9.83	0.0388	6.23	0.00000548	0.005	0.000738	0.00558	0.0126	0.0000131	7	0.00000362	0.0000725	0.000102	0.00038	0.0186	0.00000284	1.4	0.00107	1.94	0.0136	0.000343	1.15	0.00137	0.00239	0.000151	0.000124	0.0000559	0.042	0.0000055	0.0000672	0.000336	0.00183
2036 Jun	51.5	0.0351	0.122	0.00331	10.6	0.0412	6.66	0.00000539	0.00385	0.000749	0.00549	0.014	0.0000129	7.5	0.00000312	0.0000719	0.000103	0.000365	0.0164	0.00000279	1.52	0.0011	2.11	0.0138	0.00035	1.26	0.00145	0.00266	0.0000693	0.00012	0.0000563	0.045	0.00000541	0.0000681	0.00033	0.00169
2036 Jul	52.6	0.0354	0.124	0.00333	10.9	0.0421	6.77	0.00000545	0.0038	0.000755	0.00556	0.0144	0.000013	7.66	0.00000305	0.0000726	0.000106	0.000366	0.0167	0.00000282	1.56	0.00111	2.16	0.014	0.000353	1.29	0.00148	0.00276	0.0000516	0.000121	0.0000569	0.046	0.00000548	0.0000687	0.000333	0.00168
2036 Aug	50.1	0.0328	0.117	0.00315	10.4	0.0406	6.43	0.00000548	0.0041	0.000718	0.00558	0.0137	0.0000129	7.32	0.00000303	0.0000717	0.000104	0.000361	0.0171	0.00000283	1.49	0.00108	2.06	0.0134	0.000333	1.23	0.00141	0.00259	0.0000477	0.000117	0.0000552	0.0438	0.0000055	0.0000658	0.00033	0.00169
2036 Sep	47.2	0.0308	0.111	0.00302	9.77	0.038	6.05	0.00000541	0.00443	0.000679	0.0055	0.0127	0.0000127	6.91	0.00000295	0.0000702	0.0000957	0.000353	0.0179	0.00000279	1.39	0.00105	1.91	0.0129	0.000319	1.15	0.00128	0.00236	0.0000413	0.000113	0.0000543	0.0414	0.00000543	0.0000637	0.000323	0.00166
2036 Oct	47.3	0.0307	0.113	0.00304	9.79	0.038	6.06	0.00000539	0.00477	0.00068	0.00548	0.0125	0.0000126	6.91	0.00000334	0.0000701	0.0000978	0.000366	0.0181	0.00000278	1.39	0.00106	1.91	0.013	0.000322	1.14	0.00127	0.00228	0.00011	0.000116	0.000055	0.0416	0.00000541	0.0000642	0.000322	0.00175
2036 Nov	47.5	0.0305	0.114	0.00305	9.85	0.0382	6.08	0.00000539	0.00494	0.000681	0.00548	0.0125	0.0000126	6.93	0.00000357	0.0000701	0.0000999	0.000374	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.00226	0.000152	0.000118	0.000055	0.0418	0.00000541	0.0000644	0.000322	0.0018
2036 Dec	47.5	0.0305	0.114	0.00305	9.84	0.0382	6.08	0.00000539	0.00494	0.000681	0.00548	0.0125	0.0000126	6.93	0.00000357	0.0000701	0.0000998	0.000374	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.00226	0.000152	0.000118	0.000055	0.0418	0.00000541	0.0000643	0.000322	0.0018
2037 Jan	47.5	0.0305	0.114	0.00305	9.84	0.0382	6.08	0.00000539	0.00494	0.000681	0.00548	0.0125	0.0000126	6.93	0.00000357	0.0000701	0.0000998	0.000374	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.00226	0.000152	0.000118	0.000055	0.0418	0.00000541	0.0000643	0.000322	0.0018
2037 Feb	47.5	0.0305	0.114	0.00305	9.84	0.0382	6.08	0.00000539	0.00494	0.000681	0.00548	0.0125	0.0000126	6.93	0.00000357	0.0000701	0.0000998	0.000374	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.00226	0.000152	0.000118	0.000055	0.0418	0.00000541	0.0000643	0.000322	0.0018
2037 Mar	47.5	0.0305	0.114	0.00305	9.84	0.0382	6.08	0.00000539	0.00494	0.000681	0.00548	0.0125	0.0000126	6.93	0.00000357	0.0000701	0.0000998	0.000374	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.00226	0.000152	0.000118	0.000055	0.0418	0.00000541	0.0000643	0.000322	0.0018
2037 Apr	47.5	0.0305	0.114	0.00305	9.85	0.0383	6.08	0.0000054	0.00494	0.000682	0.00549	0.0125	0.0000126	6.94	0.00000358	0.0000702	0.0000999	0.000375	0.0181	0.00000278	1.39	0.00106	1.91	0.0131	0.000323	1.14	0.00128	0.0023	0.000152	0.000118	0.0000551	0.0418	0.00000542	0.0000644	0.000323	0.00181
2037 May	47.8	0.0306	0.114	0.00306	9.88	0.0385	6.12	0.00000544	0.00496	0.000685	0.00553	0.0126	0.0000127	6.98	0.0000036	0.0000707	0.0001	0.000377	0.0182	0.0000028	1.4	0.00107	1.93	0.0131	0.000324	1.14	0.00129	0.00235	0.000152	0.000119	0.0000554	0.042	0.00000546	0.0000647	0.000325	0.00182
2037 Jun	51.7	0.0329	0.12	0.0031	10.7	0.041	6.56	0.00000535	0.0038	0.000696	0.00544	0.014	0.0000125	7.46	0.00000309	0.0000701	0.000101	0.000361	0.016	0.00000276	1.52	0.00109	2.1	0.0133	0.000331	1.25	0.00137	0.00263	0.0000693	0.000116	0.0000557	0.0449	0.00000537	0.0000655	0.000319	0.00168
2037 Jul	52.9	0.0333	0.122	0.00312	11	0.0419	6.67	0.00000542	0.00373	0.000702	0.0055	0.0144	0.0000126	7.64	0.00000302	0.0000709	0.000105	0.000363	0.0162	0.00000279	1.56	0.00111	2.15	0.0135	0.000334	1.28	0.0014	0.00273	0.0000513	0.000116	0.0000563	0.046	0.00000544	0.0000662	0.000322	0.00167
2037 Aug	50.2	0.0307	0.114	0.00295	10.4	0.0403	6.32	0.00000545	0.00405	0.000667	0.00552	0.0137	0.0000125	7.28	0.000003	0.00007	0.000102	0.000358	0.0167	0.0000028	1.48	0.00108	2.05	0.0129	0.000314	1.22	0.00134	0.00256	0.0000472	0.000112	0.0000546	0.0436	0.00000546	0.0000633	0.00032	0.00167
2037 Sep	47.3	0.0288	0.109	0.00283	9.78	0.0378	5.95	0.00000538	0.00438	0.000632	0.00546	0.0127	0.0000123	6.87	0.00000293	0.0000686	0.0000941	0.00035	0.0175	0.00000276	1.39	0.00105	1.9	0.0124	0.000302	1.14	0.00122	0.00233	0.0000409	0.000108	0.0000537	0.0413	0.0000054	0.0000613	0.000314	0.00164
2037 Oct	47.4	0.0287	0.11	0.00285	9.81	0.0378	5.96	0.00000536	0.00472	0.000632	0.00544	0.0125	0.0000123	6.87	0.00000331	0.0000686	0.0000962	0.000363	0.0178	0.00000275	1.38	0.00106	1.89	0.0126	0.000304	1.13	0.0012	0.00225	0.00011	0.000112	0.0000543	0.0415	0.00000538	0.0000618	0.000313	0.00173
2037 Nov	47.6	0.0285	0.111	0.00285	9.86	0.038	5.98	0.00000536	0.00489	0.000634	0.00543	0.0125	0.0000122	6.9	0.00000355	0.0000686	0.0000983	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0127	0.000305	1.13	0.00121	0.00223	0.000151	0.000114	0.0000544	0.0417	0.00000537	0.0000619	0.000312	0.00179
2037 Dec	47.6	0.0285	0.111	0.00285	9.86	0.038	5.97	0.00000536	0.00489	0.000633	0.00543	0.0125	0.0000122	6.89	0.00000355	0.0000686	0.0000983	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0127	0.000305	1.13	0.00121	0.00223	0.000151	0.000114	0.0000544	0.0417	0.00000537	0.0000619	0.000312	0.00179
2038 Jan	47.6	0.0285	0.111	0.00285	9.85	0.038	5.97	0.00000536	0.00489	0.000633	0.00543	0.0125	0.0000122	6.89	0.00000355	0.0000685	0.0000982	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0126	0.000305	1.13	0.00121	0.00223	0.000151	0.000114	0.0000544	0.0417	0.00000537	0.0000619	0.000312	0.00179
2038 Feb	47.6	0.0285	0.111	0.00285	9.85	0.038	5.97	0.00000536	0.00489	0.000633	0.00543	0.0125	0.0000122	6.89	0.00000355	0.0000685	0.0000982	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0126	0.000305	1.13	0.00121	0.00223	0.000151	0.000114	0.0000544	0.0417	0.00000537	0.0000619	0.000312	0.00179
2038 Mar	47.6	0.0285	0.111	0.00285	9.85	0.038	5.97	0.00000536	0.00489	0.000633	0.00543	0.0125	0.0000122	6.89	0.00000355	0.0000686	0.0000982	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0126	0.000305	1.13	0.00121	0.00223	0.000151	0.000114	0.0000544	0.0417	0.00000537	0.0000619	0.000312	0.00179
2038 Apr	47.6	0.0285	0.111	0.00286	9.86	0.0381	5.98	0.00000537	0.00489	0.000634	0.00544	0.0125	0.0000123	6.9	0.00000355	0.0000687	0.0000983	0.000371	0.0177	0.00000275	1.39	0.00106	1.9	0.0127	0.000305	1.13	0.00121	0.00227	0.000151	0.000114	0.0000544	0.0417	0.00000538	0.0000619	0.000313	0.00179
2038 May	47.9	0.0286	0.111	0.00287	9.89	0.0383	6.02	0.00000541	0.0049	0.000637	0.00548	0.0126	0.0000124	6.94	0.00000357	0.0000691	0.0000987	0.000373	0.0178	0.00000278	1.4	0.00107	1.91	0.0127	0.000306	1.14	0.00122	0.00233	0.000151	0.000115	0.0000547	0.0419	0.00000543	0.0000622	0.000315	0.00181
2038 Jun	51.8	0.031	0.117	0.00291	10.7	0.0408	6.46	0.00000532	0.00375	0.000649	0.00539	0.014	0.0000121	7.43	0.00000306	0.0000686	0.0000993	0.000358	0.0156	0.00000273	1.52	0.00109	2.09	0.0129	0.000314	1.25	0.00131	0.0026	0.000068	0.000111	0.0000551	0.0448	0.00000534	0.0000632	0.000309	0.00166
2038 Jul	52.9	0.0313	0.119	0.00293	11	0.0417	6.56	0.00000539	0.0037	0.000656	0.00546	0.0143	0.0000123	7.59	0.000003	0.0000694	0.000103	0.00036	0.0158	0.00000276	1.56	0.00111	2.14	0.0131	0.000317	1.28	0.00134	0.00269	0.0000513	0.000112	0.0000557	0.0458	0.00000541	0.0000638	0.000312	0.00166
2038 Aug	50.5	0.0291	0.112	0.00279	10.5	0.0403	6.27	0.00000543	0.004	0.000627	0.0055	0.0137	0.0000122	7.28	0.00000299	0.0000688	0.000101	0.000356	0.0164	0.00000278	1.49	0.00108	2.05	0.0125	0.0003	1.23	0.00128	0.00255	0.0000476	0.000108	0.0000542	0.0437	0.00000545	0.0000613	0.000312	0.00167
2038 Sep	47.3	0.0271	0.106	0.00265	9.77	0.0377	5.86	0.00000536	0.00431	0.000591	0.00542	0.0126	0.000012	6.83	0.00000291	0.0000673	0.0000928	0.000347	0.0171	0.00000274	1.39	0.00104	1.9	0.012	0.000285	1.14	0.00116	0.00231	0.0000411	0.000104	0.000053	0.0411	0.00000537	0.0000589	0.000305	0.00164
2038 Oct	47.3	0.0269	0.107	0.00267	9.79	0.0377	5.87	0.00000534	0.00466	0.00059	0.0054	0.0125	0.000012	6.83	0.00000331	0.0000672	0.000095	0.00036	0.0173	0.00000273	1.38	0.00105	1.89	0.0121	0.000288	1.13	0.00114	0.00223	0.000112	0.000108	0.0000536	0.0413	0.00000535	0.0000594	0.000304	0.00173
2038 Nov	47.5	0.0267	0.108	0.00268	9.85	0.0379	5.89	0.00000533	0.00484	0.000592	0.00539	0.0124	0.000012	6.85	0.00000355	0.0000672	0.0000971	0.000368	0.0173	0.00000273	1.38	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.0022	0.000154	0.00011	0.0000537	0.0415	0.00000535	0.0000595	0.000304	0.00179
2038 Dec	47.5	0.0267	0.108	0.00268	9.84	0.0379	5.88	0.00000533	0.00484	0.000592	0.00539	0.0124	0.000012	6.85	0.00000355	0.0000672	0.000097	0.000368	0.0173	0.00000273	1.38	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.0022	0.000154	0.00011	0.0000537	0.0415	0.00000535	0.0000595	0.000304	0.00179
2039 Jan	47.5	0.0267	0.108	0.00268	9.84	0.0379	5.88	0.00000533	0.00484	0.000592	0.00539	0.0124	0.000012	6.85	0.00000355	0.0000671	0.000097	0.000368	0.0173	0.00000272	1.38	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.0022	0.000154	0.00011	0.0000537	0.0415	0.00000535	0.0000595	0.000304	0.00179
2039 Feb	47.5	0.0267	0.108	0.00268	9.84	0.0379	5.88	0.00000533	0.00484	0.000592	0.00539	0.0124	0.000012	6.85	0.00000355	0.0000671	0.000097	0.000368	0.0173	0.00000273	1.38	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.0022	0.000154	0.00011	0.0000537	0.0415	0.00000535	0.0000595	0.000304	0.00179
2039 Mar	47.5	0.0267	0.108	0.00268	9.84	0.0379	5.88	0.00000533	0.00484	0.000592	0.00539	0.0124	0.000012	6.85	0.00000355	0.0000672	0.000097	0.000368	0.0173	0.00000273	1.38	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.0022	0.000154	0.00011	0.0000537	0.0415	0.00000535	0.0000595	0.000304	0.00179
2039 Apr	47.6	0.0267	0.108	0.00268	9.84	0.038	5.89	0.00000534	0.00484	0.000592	0.0054	0.0125	0.000012	6.86	0.00000355	0.0000673	0.0000971	0.000369	0.0173	0.00000273	1.39	0.00105	1.89	0.0122	0.000289	1.13	0.00115	0.00225	0.000154	0.00011	0.0000537	0.0415	0.00000536	0.0000596	0.000304	0.00179
2039 May	47.8	0.0268	0.108	0.00269	9.88	0.0382	5.93	0.00000538	0.00485	0.000595	0.00545	0.0125	0.0000121	6.89	0.00000357	0.0000677	0.0000975	0.000371	0.0173	0.00000275	1.39	0.00106	1.9	0.0122	0.00029	1.14	0.00116	0.0023	0.000154	0.000111	0.000054	0.0417	0.0000054	0.0000598	0.000307	0.0018

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	51.9	0.0294	0.115	0.00276	10.7	0.0407	6.39	0.00000529	0.0037	0.000611	0.00536	0.0139	0.0000119	7.41	0.00000305	0.0000673	0.0000981	0.000355	0.0153	0.00000271	1.52	0.00109	2.08	0.0126	0.0003	1.25	0.00125	0.00258	0.0000682	0.000108	0.0000546	0.0448	0.00000531	0.0000612	0.000301	0.00165
2039 Jul	53	0.0297	0.117	0.00278	11	0.0415	6.48	0.00000536	0.00367	0.000618	0.00542	0.0143	0.000012	7.57	0.00000298	0.0000681	0.000102	0.000357	0.0155	0.00000274	1.55	0.0011	2.13	0.0128	0.000304	1.28	0.00128	0.00267	0.000051	0.000108	0.0000553	0.0457	0.00000538	0.0000619	0.000304	0.00165
2039 Aug	50.5	0.0276	0.11	0.00265	10.5	0.0401	6.19	0.0000054	0.00397	0.000592	0.00546	0.0137	0.000012	7.25	0.00000297	0.0000676	0.0001	0.000353	0.0161	0.00000276	1.49	0.00107	2.04	0.0122	0.000288	1.22	0.00123	0.00252	0.0000473	0.000105	0.0000538	0.0436	0.00000542	0.0000596	0.000304	0.00166
2039 Sep	47.4	0.0258	0.104	0.00253	9.8	0.0375	5.8	0.00000534	0.0043	0.000559	0.00539	0.0126	0.0000118	6.82	0.0000029	0.0000662	0.0000917	0.000345	0.0169	0.00000272	1.38	0.00104	1.89	0.0118	0.000275	1.14	0.00111	0.00229	0.0000407	0.000102	0.0000528	0.0411	0.00000535	0.0000575	0.000298	0.00163
2039 Oct	47.5	0.0256	0.106	0.00255	9.83	0.0375	5.81	0.00000531	0.00466	0.000559	0.00537	0.0124	0.0000117	6.82	0.0000033	0.0000662	0.0000939	0.000359	0.0171	0.00000271	1.38	0.00105	1.88	0.0119	0.000278	1.13	0.0011	0.00221	0.000113	0.000105	0.0000534	0.0413	0.00000533	0.000058	0.000297	0.00172
2039 Nov	47.8	0.0254	0.107	0.00256	9.89	0.0377	5.83	0.00000531	0.00484	0.000561	0.00536	0.0124	0.0000117	6.84	0.00000355	0.0000661	0.0000961	0.000367	0.0171	0.0000027	1.39	0.00105	1.88	0.012	0.000279	1.13	0.00111	0.00218	0.000156	0.000108	0.0000535	0.0416	0.00000532	0.0000582	0.000297	0.00178
2039 Dec	47.7	0.0254	0.107	0.00256	9.88	0.0377	5.83	0.00000531	0.00484	0.00056	0.00536	0.0124	0.0000117	6.84	0.00000355	0.0000661	0.0000961	0.000367	0.0171	0.0000027	1.39	0.00105	1.88	0.012	0.000279	1.13	0.0011	0.00218	0.000156	0.000108	0.0000535	0.0415	0.00000532	0.0000582	0.000297	0.00178
2040 Jan	47.7	0.0254	0.107	0.00256	9.88	0.0377	5.83	0.00000531	0.00483	0.00056	0.00536	0.0124	0.0000117	6.84	0.00000354	0.0000661	0.0000961	0.000367	0.0171	0.0000027	1.39	0.00105	1.88	0.012	0.000279	1.13	0.0011	0.00218	0.000156	0.000108	0.0000535	0.0415	0.00000532	0.0000582	0.000297	0.00178
2040 Feb	47.7	0.0254	0.107	0.00256	9.88	0.0377	5.83	0.00000531	0.00483	0.00056	0.00536	0.0124	0.0000117	6.84	0.00000354	0.0000661	0.0000961	0.000367	0.0171	0.0000027	1.39	0.00105	1.88	0.012	0.000279	1.13	0.0011	0.00218	0.000156	0.000108	0.0000535	0.0415	0.00000532	0.0000582	0.000297	0.00178
2040 Mar	47.7	0.0254	0.107	0.00256	9.88	0.0377	5.83	0.00000531	0.00483	0.00056	0.00536	0.0124	0.0000117	6.84	0.00000354	0.0000661	0.0000961	0.000367	0.0171	0.0000027	1.39	0.00105	1.88	0.012	0.000279	1.13	0.0011	0.00218	0.000156	0.000108	0.0000535	0.0415	0.00000532	0.0000582	0.000297	0.00178
2040 Apr	47.8	0.0254	0.107	0.00256	9.89	0.0378	5.84	0.00000532	0.00484	0.000561	0.00537	0.0124	0.0000117	6.85	0.00000355	0.0000663	0.0000962	0.000367	0.0171	0.00000271	1.39	0.00105	1.89	0.012	0.000279	1.13	0.00111	0.00222	0.000156	0.000108	0.0000536	0.0416	0.00000533	0.0000583	0.000298	0.00178
2040 May	48.1	0.0256	0.107	0.00257	9.92	0.0381	5.88	0.00000536	0.00485	0.000564	0.00541	0.0125	0.0000118	6.88	0.00000357	0.0000667	0.0000966	0.00037	0.0172	0.00000273	1.4	0.00106	1.9	0.012	0.00028	1.14	0.00111	0.00228	0.000156	0.000108	0.0000538	0.0418	0.00000537	0.0000585	0.0003	0.0018
2040 Jun	52.1	0.0281	0.114	0.00264	10.7	0.0406	6.33	0.00000527	0.00367	0.00058	0.00532	0.0139	0.0000116	7.4	0.00000303	0.0000663	0.0000972	0.000353	0.015	0.00000269	1.52	0.00109	2.08	0.0123	0.000289	1.25	0.00121	0.00257	0.0000679	0.000105	0.0000543	0.0448	0.00000528	0.0000597	0.000295	0.00165
2040 Jul	53.2	0.0285	0.115	0.00266	11	0.0415	6.44	0.00000535	0.00362	0.000587	0.0054	0.0143	0.0000118	7.56	0.00000297	0.0000671	0.000101	0.000355	0.0152	0.00000272	1.56	0.0011	2.13	0.0125	0.000292	1.28	0.00124	0.00266	0.0000514	0.000105	0.0000549	0.0458	0.00000536	0.0000604	0.000298	0.00164
2040 Aug	50.7	0.0264	0.108	0.00253	10.5	0.0401	6.14	0.00000539	0.00392	0.000562	0.00543	0.0137	0.0000118	7.24	0.00000296	0.0000667	0.0000991	0.000351	0.0158	0.00000274	1.49	0.00107	2.04	0.012	0.000277	1.23	0.00119	0.00251	0.0000477	0.000103	0.0000534	0.0437	0.0000054	0.0000581	0.000298	0.00165
2040 Sep	47.5	0.0246	0.103	0.00241	9.82	0.0375	5.75	0.00000532	0.00426	0.000531	0.00536	0.0126	0.0000116	6.8	0.00000288	0.0000653	0.0000906	0.000343	0.0166	0.0000027	1.39	0.00104	1.88	0.0115	0.000264	1.14	0.00107	0.00227	0.0000408	0.000099	0.0000524	0.0411	0.00000533	0.0000561	0.000293	0.00162
2040 Oct	47.7	0.0245	0.104	0.00244	9.85	0.0374	5.75	0.0000053	0.00461	0.000531	0.00534	0.0124	0.0000115	6.8	0.00000328	0.0000652	0.0000928	0.000356	0.0169	0.00000269	1.38	0.00105	1.87	0.0117	0.000267	1.13	0.00106	0.00219	0.000112	0.000103	0.0000531	0.0413	0.00000531	0.0000566	0.000291	0.00171
2040 Nov	47.9	0.0243	0.105	0.00245	9.91	0.0376	5.78	0.00000529	0.00479	0.000533	0.00533	0.0124	0.0000115	6.83	0.00000353	0.0000652	0.000095	0.000365	0.0169	0.00000269	1.39	0.00105	1.88	0.0117	0.000269	1.13	0.00106	0.00217	0.000155	0.000105	0.0000532	0.0415	0.0000053	0.0000568	0.000291	0.00177
2040 Dec	47.8	0.0243	0.105	0.00245	9.9	0.0376	5.77	0.00000529	0.00479	0.000532	0.00533	0.0124	0.0000115	6.83	0.00000353	0.0000652	0.000095	0.000365	0.0169	0.00000269	1.39	0.00105	1.88	0.0117	0.000268	1.13	0.00106	0.00217	0.000155	0.000105	0.0000532	0.0415	0.0000053	0.0000568	0.000291	0.00177
2041 Jan	47.8	0.0243	0.105	0.00245	9.9	0.0376	5.77	0.00000529	0.00479	0.000532	0.00533	0.0124	0.0000115	6.82	0.00000352	0.0000652	0.000095	0.000365	0.0168	0.00000269	1.39	0.00105	1.88	0.0117	0.000268	1.13	0.00106	0.00217	0.000155	0.000105	0.0000532	0.0415	0.0000053	0.0000568	0.000291	0.00177
2041 Feb	47.8	0.0243	0.105	0.00245	9.9	0.0376	5.77	0.00000529	0.00479	0.000532	0.00533	0.0124	0.0000115	6.82	0.00000352	0.0000652	0.000095	0.000365	0.0168	0.00000269	1.39	0.00105	1.88	0.0117	0.000268	1.13	0.00106	0.00217	0.000155	0.000105	0.0000532	0.0415	0.0000053	0.0000568	0.000291	0.00177
2041 Mar	47.8	0.0243	0.105	0.00245	9.9	0.0376	5.77	0.00000529	0.00479	0.000532	0.00533	0.0124	0.0000115	6.82	0.00000352	0.0000652	0.000095	0.000365	0.0168	0.00000269	1.39	0.00105	1.88	0.0117	0.000268	1.13	0.00106	0.00217	0.000155	0.000105	0.0000532	0.0415	0.0000053	0.0000568	0.000291	0.00177
2041 Apr	47.9	0.0243	0.105	0.00245	9.9	0.0377	5.78	0.0000053	0.00479	0.000533	0.00534	0.0124	0.0000115	6.83	0.00000353	0.0000653	0.000095	0.000365	0.0169	0.00000269	1.39	0.00105	1.88	0.0117	0.000269	1.13	0.00106	0.00222	0.000155	0.000105	0.0000532	0.0415	0.00000531	0.0000568	0.000292	0.00177
2041 May	48.1	0.0244	0.105	0.00246	9.93	0.038	5.82	0.00000534	0.0048	0.000535	0.00539	0.0125	0.0000116	6.86	0.00000355	0.0000658	0.0000954	0.000367	0.0169	0.00000271	1.4	0.00106	1.89	0.0118	0.000269	1.14	0.00107	0.00229	0.000154	0.000106	0.0000535	0.0417	0.00000535	0.0000571	0.000294	0.00179
2041 Jun	52.2	0.027	0.112	0.00253	10.7	0.0405	6.28	0.00000525	0.00364	0.000552	0.0053	0.0139	0.0000114	7.38	0.00000302	0.0000654	0.0000961	0.000352	0.0148	0.00000267	1.52	0.00109	2.07	0.0121	0.00028	1.25	0.00117	0.00255	0.0000673	0.000103	0.000054	0.0448	0.00000526	0.0000584	0.000289	0.00164
2041 Jul	53.2	0.0273	0.114	0.00255	11	0.0413	6.37	0.00000532	0.00361	0.000559	0.00537	0.0143	0.0000115	7.53	0.00000296	0.0000662	0.0000999	0.000353	0.0151	0.0000027	1.55	0.0011	2.12	0.0123	0.000283	1.27	0.0012	0.00264	0.0000509	0.000103	0.0000546	0.0457	0.00000533	0.0000591	0.000292	0.00164
2041 Aug	50.7	0.0253	0.107	0.00243	10.5	0.0399	6.07	0.00000537	0.00392	0.000536	0.00541	0.0136	0.0000116	7.21	0.00000295	0.0000658	0.0000982	0.000349	0.0156	0.00000272	1.48	0.00107	2.02	0.0117	0.000267	1.22	0.00115	0.00249	0.0000471	0.0001	0.0000531	0.0435	0.00000537	0.0000568	0.000292	0.00164
2041 Sep	47.5	0.0236	0.101	0.00232	9.82	0.0373	5.69	0.0000053	0.00425	0.000507	0.00534	0.0126	0.0000114	6.78	0.00000287	0.0000645	0.00009	0.000341	0.0164	0.00000269	1.38	0.00104	1.88	0.0113	0.000256	1.14	0.00104	0.00226	0.0000405	0.0000969	0.0000521	0.041	0.00000531	0.0000549	0.000288	0.00161
2041 Oct	47.7	0.0234	0.103	0.00234	9.85	0.0373	5.7	0.00000528	0.0046	0.000507	0.00532	0.0124	0.0000113	6.78	0.00000327	0.0000644	0.0000922	0.000355	0.0167	0.00000268	1.38	0.00105	1.87	0.0115	0.000259	1.12	0.00102	0.00217	0.000113	0.000101	0.0000528	0.0412	0.00000529	0.0000554	0.000287	0.00171
2041 Nov	47.9	0.0232	0.104	0.00235	9.91	0.0375	5.72	0.00000527	0.00479	0.000509	0.00531	0.0124	0.0000113	6.8	0.00000353	0.0000644	0.0000944	0.000363	0.0167	0.00000267	1.38	0.00105	1.87	0.0115	0.00026	1.12	0.00103	0.00215	0.000157	0.000103	0.0000528	0.0415	0.00000528	0.0000556	0.000286	0.00177
2041 Dec	47.9	0.0232	0.104	0.00235	9.9	0.0375	5.72	0.00000527	0.00479	0.000508	0.00531	0.0124	0.0000113	6.8	0.00000353	0.0000644	0.0000944	0.000363	0.0167	0.00000267	1.38	0.00105	1.87	0.0115	0.00026	1.12	0.00103	0.00215	0.000157	0.000103	0.0000528	0.0414	0.00000528	0.0000556	0.000286	0.00177
2042 Jan	47.9	0.0232	0.104	0.00235	9.9	0.0375	5.72	0.00000527	0.00478	0.000508	0.00531	0.0124	0.0000113	6.8	0.00000353	0.0000644	0.0000944	0.000363	0.0167	0.00000267	1.38	0.00105	1.87	0.0115	0.00026	1.12	0.00103	0.00215	0.000157	0.000103	0.0000528	0.0414	0.00000528	0.0000556	0.000286	0.00177
2042 Feb	47.9	0.0232	0.104	0.00235	9.9	0.0375	5.72	0.00000527	0.00478	0.000508	0.00531	0.0124	0.0000113	6.8	0.00000353	0.0000644	0.0000944	0.000363	0.0167	0.00000267	1.38	0.00105	1.87	0.0115	0.00026	1.12	0.00103	0.00215	0.000157	0.000103	0.0000528	0.0414	0.00000528	0.0000556	0.000286	0.00177
2042 Mar	47.9	0.0232	0.104	0.00235	9.9	0.0375	5.72	0.00000527	0.00478	0.000508	0.00531	0.0124	0.0000113	6.8	0.00000353	0.0000644	0.0000944	0.000363	0.0167	0.00000267	1.38	0.00105	1.87	0.0115	0.00026	1.12	0.00103	0.00215	0.000157	0.000103	0.0000528	0.0414	0.00000528	0.0000556	0.000286	0.00177
2042 Apr	47.9	0.0232	0.104	0.00235	9.9	0.0376	5.73	0.00000528	0.00479	0.000509	0.00532	0.0124	0.0000113	6.81	0.00000353	0.0000645	0.0000945	0.000364	0.0167	0.00000268	1.39	0.00105	1.87	0.0115	0.00026	1.13	0.00103	0.0022	0.000157	0.000103	0.0000529	0.0415	0.00000529	0.0000556	0.000287	0.00177
2042 May	48.2	0.0234	0.104	0.00236	9.93	0.0379	5.77	0.00000533	0.0048	0.000511	0.00536	0.0125	0.0000114	6.84	0.00000355	0.000065	0.0000948	0.000366	0.0167	0.0000027	1.39	0.00106	1.89	0.0115	0.000261	1.13	0.00104	0.00227	0.000156	0.000103	0.0000532	0.0416	0.00000533	0.0000559	0.000289	0.00178
2042 Jun	52.2	0.026	0.111	0.00243	10.7	0.0404	6.23	0.00000524	0.00363	0.000529	0.00527	0.0139	0.0000112	7.36	0.00000301	0.0000646	0.0000953	0.00035	0.0146	0.00000265	1.52	0.00108	2.07	0.0119	0.000271	1.25	0.00114	0.00253	0.0000681	0.000101	0.0000537	0.0447	0.00000524	0.0000573	0.000284	0.00163
2042 Jul	53.3	0.0264	0.113	0.00246	11	0.0412	6.33	0.00000531	0.00358	0.000536	0.00535	0.0143	0.0000114	7.52	0.00000295	0.0000654	0.0000991	0.000352	0.0148	0.00000269	1.56	0.0011	2.12	0.0121	0.000274	1.27	0.00116	0.00263	0.0000513	0.000101	0.0000543	0.0457	0.00000532	0.0000579	0.000287	0.00163
2042 Aug	50.8	0.0244	0.106	0.00234	10.5	0.0399	6.04	0.00000535	0.00389	0.000515	0.00539	0.0136	0.0000114	7.2	0.00000294	0.0000651	0.0000975	0.000348	0.0154	0.00000271	1.48	0.00107	2.02	0.0115	0.00026	1.22	0.00112	0.00248	0.0000475	0.0000983	0.0000528	0.0435	0.00000536	0.0000557	0.000288	0.00164
2042 Sep	47.6	0.0228	0.1	0.00224	9.84	0.0373	5.65	0.00000529	0.00422	0.000487	0.00532	0.0126	0.0000112	6.77	0.00000286	0.0000638	0.0000892	0.00034	0.0163	0.00000267	1.38	0.00104	1.87	0.0111	0.000249	1.14	0.00101	0.00225	0.0000406	0.0000951	0.0000519	0.041	0.00000529	0.0000539	0.000283	0.00161
2042 Oct	48.4	0.0231	0.105	0.00231	10	0.0374	5.73	0.00000527	0.00461	0.000495	0.0053	0.0125	0.0000114	6.86	0.00000328	0.0000642	0.0000921	0.000356	0.0167	0.00000267	1.4	0.00106	1.88	0.0116	0.000258	1.13	0.00101	0.00219	0.000113	0.0001	0.0000533	0.0419	0.00000528	0.0000555	0.000283	0.00171
2042 Nov	50	0.0237	0.111	0.00242	10.3	0.038	5.87	0.00000527	0.00486	0.00051	0.00531	0.0128	0.0000118	7.04	0.00000355	0.0000648	0.0000954	0.000369	0.0171	0.00000267	1.43	0.00109	1.92	0.0122	0.000271	1.15	0.00104	0.0022	0.000159	0.000105	0.0000548	0.0433	0.00000528	0.0000579	0.000284	0.00177
2042 Dec	51.3	0.0246	0.117	0.00251	10.6	0.0383	6	0.00000528	0.00492	0.000525	0.00532	0.013	0.0000124	7.21	0.00000356	0.0000656	0.0000965	0.000374	0.0175	0.00000268	1.46	0.00112	1.95	0.0128	0.000284	1.17	0.00106	0.00224	0.000158	0.000107	0.0000563	0.0445	0.00000529	0.0000601	0.000286	0.00177
2043 Jan	52.8	0.0256	0.123	0.00262	10.9	0.0387	6.14	0.0000053	0.00499	0.000543	0.00533	0.0133	0.0000133	7.39	0.00000357	0.0000664	0.0000977	0.000379	0.018	0.00000268	1.5	0.00116	1.99	0.0134	0.000298	1.2	0.00109	0.00229	0.000158	0.00011	0.0000579	0.0459	0.0000053	0.0000625	0.000287	0.00178
2043 Feb	54.3	0.0266	0.129	0.00273	11.2	0.0391	6.28	0.00000531	0.00506	0.000563	0.00535	0.0136	0.0000147	7.58	0.00000358	0.0000672	0.000099	0.000384	0.0184	0.00000269	1.53	0.00119	2.03	0.0141	0.000312	1.22	0.00112	0.00234	0.000157	0.000113	0.0000596	0.0472	0.00000532	0.000065	0.000289	0.00178
2043 Mar	55.9	0.0277	0.135	0.00284	11.6	0.0396	6.42	0.00000532	0.00513	0.000584	0.00536	0.0139	0.0000165	7.77	0.00000359	0.0000681	0.0001	0.00039	0.0189	0.0000027	1.57	0.00123	2.07	0.0148	0.000327	1.24	0.00115	0.00239	0.000156	0.000116	0.0000613	0.0487	0.00000533	0.0000677	0.000291	0.00178
2043 Apr	57.5	0.0287	0.142	0.00295	11.9	0.0401	6.58	0.00000534	0.00518	0.000609	0.00539	0.0142	0.0000191	7.96	0.0000036	0.000069	0.000102	0.000395	0.0193	0.00000272	1.61	0.00126	2.11	0.0155	0.000342	1.27	0.00118	0.00256	0.000154	0.000118	0.0000631	0.05	0.00000535	0.0000703	0.000293	0.00178
2043 May	58.6	0.0294	0.146	0.00302	12.1	0.0406	6.7	0.00000539	0.00522	0.000628	0.00544	0.0144	0.0000213	8.1	0.00000361	0.0000699	0.000102	0.0004	0.0196	0.00000274	1.64	0.00129	2.14	0.0159	0.000351	1.29	0.0012	0.00276	0.000151	0.00012	0.0000644	0.051	0.0000054	0.0000721	0.000297	0.0018
2043 Jun	79	0.0485	0.218	0.00425	16.3	0.0473	8.99	0.00000554	0.00547	0.00173	0.00559	0.0189	0.000257	10.8	0.00000335	0.000082	0.000123	0.000461	0.0241	0.000003	2.15	0.00181	2.74	0.0257	0.000546	1.63	0.00184	0.00344	0.000057	0.000157	0.0000889	0.0696	0.00000556	0.000118	0.000325	0.00172
2043 Jul	93	0.0641	0.272	0.00518	19.4	0.0516	10.7	0.00000583	0.00682	0.00293	0.00589	0.0216	0.000533	12.7	0.00000361	0.0000942	0.000146	0.000532	0.03	0.00000335	2.49	0.00225	3.13	0.0343	0.000709	1.84	0.00239	0.00394	0.0000448	0.000192	0.000111	0.0831	0.00000586	0.00016	0.000362	0.00181
2043 Aug	87.8	0.0625	0.254	0.00488	18.3	0.0495	10.3	0.00000588	0.00725	0.00319	0.00593	0.0204	0.000615	12.1	0.00000363	0.0000937	0.000143	0.000526	0.0304	0.00000342	2.36	0.0022	2.96	0.0335	0.000683	1.74	0.00238	0.00372	0.0000433	0.000188	0.000109	0.0787	0.00000591	0.00016	0.000364	0.00182
2043 Sep	84.2	0.0668	0.242	0.00469	17.6	0.0476	10.2	0.00000591	0.00795	0.00407	0.00595	0.0193	0.00086	11.8	0.00000373	0.0000956	0.000142	0.000535	0.0317	0.0000036	2.27	0.00226	2.84	0.035	0.000694	1.65	0.00253	0.00357	0.0000432	0.000193	0.000112	0.0763	0.00000594	0.000174	0.000375	0.00184
2043 Oct	85.5	0.0727	0.243	0.00472	17.9	0.0486	10.7	0.00000598	0.00863	0.00487	0.00601	0.0194	0.00107	12.1	0.00000428	0.000099	0.000153	0.000567	0.0326	0.00000378	2.31	0.00238	2.89	0.0373	0.000728	1.66	0.00277	0.00362	0.000118	0.000206	0.000118	0.0779	0.00000602	0.00019	0.000388	0.00198
2043 Nov	88.1	0.0778	0.251	0.00485	18.4	0.0499	11.2	0.00000606	0.00915	0.00547	0.00608	0.0199	0.00123	12.5	0.00000463	0.000102	0.000162	0.000594	0.0337	0.00000392	2.38	0.0025	2.98	0.0397	0.000767	1.7	0.00299	0.00374	0.00016	0.000218	0.000124	0.0806	0.0000061	0.000205	0.0004	0.00207
2043 Dec	90.9	0.0822	0.261	0.00503	19	0.0509	11.6	0.00000612	0.00945	0.00588	0.00615	0.0205	0.00133	12.9	0.00000469	0.000105	0.000167	0.00061	0.0349	0.00000402	2.45	0.00261	3.06	0.0418	0.000805	1.74	0.00315	0.00387	0.000155	0.000226	0.00013	0.0834	0.00000616	0.000216	0.00041	0.00208
2044 Jan	93.1	0.0857	0.268	0.00516	19.5	0.0517	11.9	0.00000617	0.00968	0.00621	0.0062	0.0209	0.00141	13.2	0.00000474	0.000108	0.000171	0.000623	0.0358	0.00000411	2.5	0.00269	3.13	0.0435	0.000834	1.77	0.00328	0.00397	0.00015	0.000233	0.000134	0.0855	0.00000622	0.000226	0.000417	0.0021
2044 Feb	94.5	0.088	0.273	0.00525	19.8	0.0521	12.1	0.0000062	0.00984	0.00643	0.00623	0.0212	0.00147	13.4	0.00000477	0.000109	0.000174	0.000632	0.0364	0.00000416	2.54	0.00275	3.17	0.0446	0.000853	1.79	0.00336	0.00404	0.000147	0.000238	0.000136	0.0869	0.00000625	0.000232	0.000422	0.00211
2044 Mar	95.6	0.09	0.277	0.00532	20	0.0526	12.3	0.00000623	0.00997	0.00662	0.00626	0.0214	0.00151	13.6	0.00000479	0.00011	0.000176	0.000639	0.0369	0.00000421	2.57	0.00279	3.2	0.0455	0.00087	1.81	0.00344	0.00409	0.000145	0.000241	0.000139	0.0881	0.00000628	0.000237	0.000427	0.00211
2044 Apr	96.3	0.0913	0.279	0.00536	20.1	0.0529	12.4	0.00000626	0.01	0.00676	0.00629	0.0215	0.00155	13.7	0.0000048	0.000111	0.000178	0.000644	0.0372	0.00000425	2.59	0.00282	3.22	0.0461	0.00088	1.82	0.00349	0.00426	0.000141	0.000244	0.00014	0.0887	0.00000631	0.000241	0.00043	0.00212
2044 May	96.3	0.0916	0.278	0.00535	20.1	0.0532	12.5	0.00000631	0.01	0.00681	0.00634	0.0216	0.00157	13.7	0.00000481	0.000112	0.000178	0.000646	0.0372	0.00000429	2.59	0.00283	3.23	0.0461	0.00088	1.82	0.00351	0.00445	0.000138	0.000244	0.000141	0.0886	0.00000636	0.000241	0.000433	0.00213
2044 Jun	80.6	0.0838	0.205	0.00405	16.9	0.0505	11.2	0.00000617	0.00876	0.00689	0.00616	0.0191	0.00164	11.9	0.00000425	0.000105	0.000166	0.000579	0.0305	0.00000435	2.27	0.00247	2.9	0.0392	0.000729	1.62	0.00334	0.00393	0.0000609	0.000216	0.000124	0.0742	0.00000625	0.000227	0.000421	0.002
2044 Jul	85.1	0.0961	0.218	0.00429	18	0.0527	12.2	0.00000646	0.0101	0.00833	0.00643	0.02	0.00203	12.7	0.00000456	0.000115	0.000184	0.000631	0.0341	0.00000483	2.41	0.00276	3.05	0.0448	0.000818	1.68	0.00383	0.00417	0.0000562	0.000242	0.000139	0.0792	0.00000657	0.000267	0.000459	0.00211
2044 Aug	79.7	0.0904	0.2	0.004	16.8	0.0504	11.5	0.00000645	0.0102	0.00797	0.00642	0.0188	0.00195	12	0.00000449	0.000112	0.000177	0.000612	0.0335	0.00000477	2.27	0.00263	2.87	0.0423	0.000769	1.59	0.00365	0.0039	0.0000544	0.000232	0.000132	0.0743	0.00000656	0.000255	0.000452	0.00209
2044 Sep	73.9	0.0875	0.183	0.00369	15.6	0.0476	11	0.00000637	0.0104	0.00791	0.00633	0.0173	0.00197	11.2	0.00000443	0.00011	0.000167	0.000597	0.0332	0.00000476	2.11	0.00254	2.67	0.0406	0.000732	1.47	0.0035	0.00361	0.0000531	0.000226	0.000129	0.0693	0.00000649	0.000252	0.000447	0.00207
2044 Oct	74.8	0.0916	0.184	0.00372	15.8	0.0485	11.3	0.00000642	0.011	0.00842	0.00638	0.0174	0.00212	11.4	0.00000495	0.000113	0.000175	0.000626	0.0338	0.00000492	2.15	0.00262	2.71	0.0423	0.000757	1.48	0.00366	0.00363	0.000128	0.000237	0.000133	0.0706	0.00000656	0.000266	0.000458	0.00221
2044 Nov	77.2	0.0963	0.19	0.00383	16.3	0.0499	11.7	0.0000065	0.0116	0.00895	0.00645	0.0179	0.00227	11.8	0.0000053	0.000116	0.000184	0.000653	0.0347	0.00000509	2.22	0.00273	2.78	0.0445	0.000793	1.51	0.00387	0.00374	0.000169	0.00025	0.000139	0.073	0.00000665	0.000282	0.000471	0.0023
2044 Dec	79.6	0.101	0.198	0.00398	16.9	0.0508	12.1	0.00000658	0.012	0.00943	0.00652	0.0183	0.0024	12.2	0.00000538	0.000119	0.00019	0.000671	0.0359	0.00000523	2.29	0.00284	2.86	0.0466	0.00083	1.55	0.00404	0.00386	0.000165	0.000259	0.000145	0.0755	0.00000673	0.000296	0.000482	0.00232
2045 Jan	81.5	0.105	0.204	0.00408	17.3	0.0516	12.5	0.00000664	0.0123	0.0098	0.00658	0.0187	0.0025	12.5	0.00000543	0.000122	0.000194	0.000685	0.0368	0.00000534	2.34	0.00293	2.92	0.0483	0.000859	1.57	0.00418	0.00396	0.000161	0.000266	0.000149	0.0774	0.0000068	0.000307	0.000491	0.00234
2045 Feb	82.7	0.107	0.208	0.00416	17.5	0.0521	12.7	0.00000668	0.0124	0.01	0.00662	0.019	0.00256	12.7	0.00000547	0.000124	0.000197	0.000694	0.0374	0.00000541	2.37	0.00299	2.95	0.0494	0.000878	1.59	0.00427	0.00402	0.000158	0.000271	0.000152	0.0786	0.00000684	0.000314	0.000497	0.00235
2045 Mar	83.7	0.109	0.211	0.00421	17.7	0.0525	12.9	0.00000671	0.0126	0.0103	0.00665	0.0192	0.00262	12.8	0.0000055	0.000125	0.000199	0.000702	0.0379	0.00000547	2.4	0.00304	2.98	0.0503	0.000893	1.61	0.00435	0.00408	0.000155	0.000275	0.000154	0.0796	0.00000688	0.00032	0.000502	0.00236
2045 Apr	84.2	0.111	0.213	0.00425	17.8	0.0528	13	0.00000674	0.0127	0.0104	0.00668	0.0193	0.00266	12.9	0.00000552	0.000126	0.000201	0.000706	0.0382	0.00000552	2.41	0.00307	3	0.0509	0.000903	1.62	0.0044	0.00424	0.000152	0.000278	0.000156	0.0802	0.00000691	0.000324	0.000506	0.00237
2045 May	84.2	0.111	0.212	0.00424	17.8	0.053	13	0.00000678	0.0127	0.0104	0.00672	0.0193	0.00266	12.9	0.00000552	0.000127	0.000201	0.000707	0.0381	0.00000554	2.42	0.00307	3.01	0.0509	0.000902	1.62	0.00441	0.00442	0.000149	0.000278	0.000156	0.0801	0.00000695	0.000324	0.000508	0.00238
2045 Jun	73.8	0.0961	0.167	0.00341	15.6	0.0506	11.6	0.00000647	0.0105	0.009	0.0064	0.0178	0.00234	11.5	0.0000047	0.000114	0.000181	0.000621	0.0313	0.00000515	2.18	0.00264	2.77	0.0425	0.000746	1.51	0.00389	0.00393	0.000067	0.000239	0.000134	0.0695	0.00000663	0.000281	0.000469	0.00215
2045 Jul	78.2	0.107	0.18	0.00365	16.6	0.053	12.5	0.00000676	0.0119	0.0101	0.00668	0.0188	0.00267	12.2	0.000005	0.000125	0.000197	0.000673	0.0347	0.00000567	2.33	0.0029	2.91	0.0475	0.000829	1.57	0.0043	0.00415	0.0000625	0.000266	0.000149	0.0744	0.00000698	0.000323	0.000508	0.00227
2045 Aug	73.1	0.0992	0.165	0.00341	15.6	0.0506	11.7	0.00000672	0.0119	0.00949	0.00663	0.0176	0.0025	11.5	0.00000488	0.000121	0.000188	0.000649	0.0339	0.00000554	2.19	0.00274	2.73	0.0444	0.000774	1.48	0.00404	0.00386	0.0000599	0.000254	0.000141	0.0695	0.00000693	0.000306	0.000496	0.00225
2045 Sep	68.3	0.0945	0.153	0.00319	14.5	0.0479	11.1	0.00000661	0.0119	0.00908	0.00652	0.0164	0.00242	10.8	0.00000477	0.000118	0.000176	0.000631	0.0334	0.00000547	2.06	0.00263	2.55	0.0422	0.000736	1.38	0.00381	0.00357	0.0000579	0.000246	0.000136	0.0652	0.00000684	0.000298	0.000487	0.00222
2045 Oct	69.6	0.0979	0.156	0.00325	14.8	0.0489	11.4	0.00000666	0.0125	0.00944	0.00656	0.0165	0.00254	11	0.00000528	0.000121	0.000183	0.000658	0.0339	0.0000056	2.1	0.00271	2.59	0.0437	0.000759	1.39	0.00393	0.0036	0.000133	0.000257	0.00014	0.0668	0.0000069	0.000311	0.000496	0.00234
2045 Nov	72	0.103	0.163	0.00337	15.4	0.0503	11.8	0.00000673	0.0131	0.00993	0.00663	0.017	0.00269	11.4	0.00000563	0.000124	0.000192	0.000685	0.0349	0.00000577	2.17	0.00282	2.67	0.0458	0.000794	1.43	0.00413	0.00371	0.000175	0.000269	0.000146	0.0692	0.00000699	0.000326	0.000509	0.00244
2045 Dec	74.3	0.108	0.17	0.0035	15.9	0.0512	12.2	0.00000681	0.0135	0.0104	0.00671	0.0174	0.00283	11.8	0.00000571	0.000128	0.000198	0.000704	0.036	0.00000593	2.24	0.00293	2.74	0.048	0.000831	1.46	0.00431	0.00383	0.000171	0.000279	0.000152	0.0716	0.00000708	0.000341	0.000521	0.00246
2046 Jan	76.1	0.111	0.175	0.0036	16.2	0.052	12.6	0.00000688	0.0138	0.0108	0.00677	0.0178	0.00293	12.1	0.00000578	0.00013	0.000202	0.000718	0.037	0.00000605	2.29	0.00302	2.8	0.0498	0.000859	1.48	0.00445	0.00393	0.000166	0.000287	0.000156	0.0734	0.00000716	0.000353	0.000531	0.00249
2046 Feb	77.2	0.114	0.179	0.00366	16.5	0.0525	12.8	0.00000692	0.0141	0.0111	0.0068	0.018	0.00301	12.3	0.00000582	0.000132	0.000205	0.000728	0.0376	0.00000613	2.32	0.00308	2.83	0.0509	0.000878	1.5	0.00454	0.00399	0.000164	0.000292	0.000159	0.0746	0.00000721	0.000361	0.000537	0.0025
2046 Mar	78.2	0.116	0.182	0.00372	16.7	0.0529	13	0.00000696	0.0142	0.0113	0.00684	0.0182	0.00307	12.4	0.00000585	0.000134	0.000208	0.000736	0.0381	0.0000062	2.35	0.00313	2.86	0.0518	0.000893	1.52	0.00462	0.00404	0.000161	0.000296	0.000162	0.0756	0.00000725	0.000367	0.000543	0.00251
2046 Apr	78.8	0.117	0.184	0.00375	16.8	0.0532	13.1	0.00000699	0.0143	0.0114	0.00687	0.0184	0.00311	12.5	0.00000587	0.000135	0.000209	0.000741	0.0383	0.00000625	2.36	0.00316	2.88	0.0524	0.000903	1.53	0.00467	0.00421	0.000158	0.000299	0.000163	0.0762	0.00000728	0.000371	0.000546	0.00252
2046 May	78.8	0.117	0.183	0.00374	16.8	0.0534	13.1	0.00000703	0.0143	0.0114	0.00691	0.0184	0.0031	12.5	0.00000586	0.000135	0.000209	0.000741	0.0383	0.00000626	2.36	0.00316	2.89	0.0523	0.000901	1.53	0.00467	0.00438	0.000154	0.000298	0.000163	0.0761	0.00000732	0.000371	0.000548	0.00252
2046 Jun	70.5	0.0998	0.149	0.00311	15	0.0508	11.6	0.00000661	0.0115	0.00942	0.00651	0.0173	0.0026	11.2	0.0000049	0.000119	0.000185	0.00064	0.0313	0.00000559	2.15	0.00269	2.69	0.0432	0.000741	1.45	0.00401	0.00389	0.0000695	0.000251	0.000138	0.0671	0.00000685	0.000309	0.000492	0.00224
2046 Jul	75.1	0.11	0.164	0.00338	16.1	0.0531	12.5	0.00000689	0.0128	0.0105	0.00677	0.0182	0.00292	12	0.00000518	0.000129	0.000201	0.000689	0.0346	0.00000606	2.29	0.00295	2.83	0.0482	0.000821	1.52	0.0044	0.00412	0.000065	0.000276	0.000152	0.0721	0.00000717	0.000348	0.000527	0.00235
2046 Aug	70.4	0.103	0.151	0.00316	15.1	0.0507	11.7	0.00000682	0.0126	0.00976	0.00671	0.0172	0.00274	11.3	0.00000503	0.000124	0.000192	0.000662	0.0338	0.00000586	2.16	0.00279	2.67	0.0451	0.000766	1.43	0.00413	0.00384	0.0000622	0.000261	0.000144	0.0676	0.00000709	0.000327	0.000512	0.00231
2046 Sep	66.4	0.098	0.142	0.00301	14.2	0.048	11.1	0.0000067	0.0125	0.00932	0.00659	0.016	0.00264	10.7	0.0000049	0.000121	0.00018	0.000642	0.0335	0.00000572	2.04	0.00268	2.5	0.0431	0.00073	1.34	0.00389	0.00357	0.0000599	0.000252	0.000139	0.064	0.00000696	0.000315	0.0005	0.00226
2046 Oct	67.8	0.101	0.146	0.00307	14.5	0.049	11.4	0.00000673	0.0131	0.00961	0.00662	0.0162	0.00274	10.9	0.0000054	0.000123	0.000187	0.000668	0.034	0.00000584	2.08	0.00276	2.55	0.0445	0.000751	1.36	0.004	0.00359	0.000134	0.000262	0.000143	0.0655	0.00000701	0.000326	0.000508	0.00239
2046 Nov	70.1	0.106	0.153	0.00319	15	0.0503	11.8	0.00000681	0.0136	0.0101	0.00669	0.0167	0.00289	11.3	0.00000574	0.000127	0.000195	0.000695	0.0349	0.00000601	2.15	0.00287	2.62	0.0466	0.000786	1.4	0.00419	0.00369	0.000176	0.000275	0.000149	0.068	0.0000071	0.000342	0.00052	0.00248
2046 Dec	72.4	0.111	0.16	0.00332	15.5	0.0513	12.3	0.0000069	0.0141	0.0106	0.00677	0.0171	0.00303	11.6	0.00000584	0.00013	0.000201	0.000715	0.0361	0.00000618	2.22	0.00299	2.69	0.0488	0.000823	1.43	0.00437	0.00382	0.000171	0.000285	0.000155	0.0703	0.0000072	0.000358	0.000534	0.00251
2047 Jan	74.1	0.115	0.165	0.00342	15.9	0.0521	12.6	0.00000696	0.0144	0.0109	0.00683	0.0175	0.00315	11.9	0.0000059	0.000133	0.000206	0.000729	0.037	0.00000631	2.27	0.00307	2.75	0.0505	0.000851	1.45	0.00451	0.00391	0.000167	0.000293	0.000159	0.0721	0.00000728	0.00037	0.000544	0.00253
2047 Feb	75.2	0.117	0.168	0.00348	16.1	0.0526	12.8	0.00000701	0.0147	0.0112	0.00687	0.0177	0.00322	12.1	0.00000594	0.000135	0.000209	0.000739	0.0376	0.0000064	2.3	0.00313	2.78	0.0517	0.000869	1.47	0.0046	0.00398	0.000164	0.000298	0.000162	0.0733	0.00000733	0.000378	0.00055	0.00255
2047 Mar	76.2	0.119	0.171	0.00353	16.3	0.053	13	0.00000704	0.0148	0.0114	0.0069	0.0179	0.00328	12.3	0.00000598	0.000137	0.000211	0.000747	0.0381	0.00000647	2.32	0.00318	2.81	0.0526	0.000884	1.48	0.00468	0.00403	0.000162	0.000302	0.000165	0.0743	0.00000737	0.000385	0.000556	0.00256
2047 Apr	76.7	0.121	0.173	0.00356	16.4	0.0533	13.1	0.00000707	0.0149	0.0115	0.00694	0.018	0.00332	12.3	0.000006	0.000138	0.000213	0.000752	0.0384	0.00000652	2.34	0.00321	2.83	0.0532	0.000893	1.49	0.00473	0.0042	0.000159	0.000305	0.000166	0.0748	0.0000074	0.000389	0.000559	0.00256
2047 May	76.8	0.121	0.172	0.00356	16.4	0.0536	13.1	0.00000711	0.0149	0.0115	0.00697	0.018	0.00332	12.3	0.00000599	0.000138	0.000213	0.000752	0.0383	0.00000653	2.35	0.00321	2.83	0.0531	0.000892	1.5	0.00473	0.00438	0.000155	0.000304	0.000166	0.0748	0.00000744	0.000389	0.000561	0.00257
2047 Jun	68.8	0.101	0.141	0.00297	14.7	0.0508	11.5	0.00000666	0.0119	0.00926	0.00654	0.017	0.00271	11	0.00000497	0.000121	0.000186	0.000645	0.031	0.00000577	2.13	0.0027	2.64	0.0432	0.000726	1.43	0.00399	0.00386	0.0000703	0.000254	0.000139	0.0658	0.00000693	0.00032	0.0005	0.00227
2047 Jul	73.4	0.111	0.156	0.00324	15.7	0.0529	12.3	0.00000691	0.013	0.0102	0.00678	0.0179	0.00301	11.8	0.00000522	0.000129	0.000201	0.000688	0.0342	0.00000615	2.26	0.00295	2.78	0.048	0.000798	1.49	0.00435	0.00408	0.0000658	0.000275	0.000152	0.0708	0.0000072	0.000352	0.000529	0.00236
2047 Aug	69	0.103	0.144	0.00305	14.8	0.0504	11.6	0.00000683	0.0127	0.00953	0.00671	0.0169	0.00282	11.1	0.00000506	0.000124	0.000192	0.00066	0.0335	0.00000592	2.13	0.00279	2.62	0.045	0.000745	1.41	0.00408	0.0038	0.0000628	0.000259	0.000144	0.0664	0.0000071	0.000329	0.000512	0.00231
2047 Sep	64.9	0.0983	0.136	0.0029	13.9	0.0475	11	0.00000668	0.0124	0.00904	0.00657	0.0157	0.0027	10.5	0.0000049	0.000119	0.00018	0.000636	0.0331	0.00000571	2	0.00268	2.45	0.0428	0.000707	1.32	0.00383	0.00352	0.0000602	0.000247	0.000138	0.0628	0.00000693	0.000312	0.000496	0.00225
2047 Oct	66.5	0.102	0.141	0.00298	14.2	0.0484	11.3	0.00000671	0.0129	0.00934	0.0066	0.0159	0.00281	10.7	0.00000538	0.000121	0.000187	0.00066	0.0336	0.00000579	2.04	0.00275	2.5	0.0443	0.000728	1.34	0.00394	0.00355	0.000134	0.000256	0.000142	0.0645	0.00000696	0.000321	0.000502	0.00237
2047 Nov	69	0.106	0.148	0.0031	14.8	0.0497	11.7	0.00000678	0.0134	0.00979	0.00666	0.0164	0.00296	11.1	0.00000572	0.000125	0.000195	0.000686	0.0346	0.00000594	2.11	0.00287	2.58	0.0465	0.000762	1.38	0.00413	0.00366	0.000174	0.000267	0.000147	0.0671	0.00000704	0.000336	0.000513	0.00245
2047 Dec	71.2	0.112	0.154	0.00323	15.3	0.0507	12.1	0.00000686	0.0138	0.0103	0.00674	0.0168	0.00311	11.5	0.00000581	0.000128	0.000201	0.000704	0.0358	0.0000061	2.17	0.00298	2.65	0.0488	0.000797	1.41	0.00431	0.00378	0.00017	0.000277	0.000153	0.0694	0.00000713	0.000351	0.000525	0.00248
2048 Jan	72.9	0.115	0.16	0.00333	15.6	0.0514	12.4	0.00000693	0.0142	0.0106	0.0068	0.0172	0.00323	11.8	0.00000588	0.000131	0.000206	0.000718	0.0367	0.00000622	2.22	0.00307	2.7	0.0505	0.000824	1.44	0.00445	0.00387	0.000166	0.000284	0.000158	0.0712	0.0000072	0.000363	0.000535	0.0025
2048 Feb	74	0.118	0.163	0.00339	15.9	0.0519	12.6	0.00000697	0.0144	0.0109	0.00684	0.0174	0.00331	11.9	0.00000592	0.000132	0.000209	0.000728	0.0373	0.00000631	2.25	0.00313	2.74	0.0516	0.000842	1.45	0.00454	0.00394	0.000163	0.000289	0.00016	0.0724	0.00000725	0.00037	0.000541	0.00251
2048 Mar	75	0.12	0.166	0.00344	16.1	0.0523	12.8	0.000007	0.0146	0.0111	0.00687	0.0176	0.00337	12.1	0.00000595	0.000134	0.000211	0.000736	0.0378	0.00000638	2.28	0.00318	2.77	0.0526	0.000857	1.47	0.00461	0.00399	0.000161	0.000293	0.000163	0.0734	0.00000729	0.000377	0.000546	0.00253
2048 Apr	75.6	0.122	0.168	0.00348	16.2	0.0526	12.9	0.00000704	0.0146	0.0112	0.00691	0.0177	0.00341	12.2	0.00000597	0.000135	0.000213	0.000741	0.0381	0.00000642	2.3	0.00321	2.79	0.0532	0.000867	1.48	0.00467	0.00414	0.000158	0.000296	0.000165	0.074	0.00000732	0.000381	0.00055	0.00253

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	75.7	0.122	0.168	0.00347	16.2	0.0529	13	0.00000707	0.0146	0.0112	0.00694	0.0178	0.00341	12.2	0.00000597	0.000135	0.000213	0.000741	0.038	0.00000644	2.3	0.00322	2.79	0.0532	0.000865	1.48	0.00467	0.0043	0.000155	0.000295	0.000165	0.074	0.00000736	0.000381	0.000552	0.00254
2048 Jun	68.8	0.103	0.141	0.00296	14.7	0.0505	11.5	0.00000664	0.0118	0.00911	0.00653	0.0169	0.00281	11	0.00000498	0.00012	0.000187	0.000642	0.0312	0.00000572	2.12	0.00274	2.63	0.0439	0.000716	1.43	0.00398	0.00386	0.0000708	0.000249	0.00014	0.066	0.00000688	0.000317	0.000495	0.00225
2048 Jul	73.3	0.113	0.155	0.00323	15.7	0.0527	12.3	0.00000692	0.0132	0.01	0.00679	0.0179	0.00313	11.8	0.00000527	0.00013	0.000204	0.000692	0.0346	0.00000622	2.26	0.003	2.76	0.0489	0.000794	1.49	0.00435	0.00407	0.0000665	0.000275	0.000154	0.071	0.00000721	0.000358	0.000531	0.00236
2048 Aug	68.5	0.105	0.143	0.00302	14.7	0.0503	11.5	0.00000685	0.013	0.0093	0.00672	0.0168	0.00291	11	0.0000051	0.000125	0.000193	0.000664	0.0338	0.00000601	2.12	0.00283	2.59	0.0455	0.000738	1.4	0.00406	0.00378	0.0000634	0.000261	0.000145	0.0663	0.00000712	0.000336	0.000515	0.00232
2048 Sep	64.6	0.0995	0.135	0.00287	13.8	0.0476	10.9	0.00000671	0.0128	0.00879	0.00659	0.0156	0.00278	10.4	0.00000496	0.000121	0.00018	0.000642	0.0333	0.00000585	2	0.00271	2.43	0.0433	0.000702	1.31	0.0038	0.00351	0.000061	0.000251	0.00014	0.0627	0.00000699	0.000323	0.000501	0.00227
2048 Oct	66.3	0.103	0.139	0.00295	14.2	0.0487	11.3	0.00000675	0.0134	0.00908	0.00662	0.0159	0.00289	10.7	0.00000545	0.000123	0.000188	0.000668	0.0338	0.00000595	2.05	0.00279	2.48	0.0448	0.000724	1.34	0.00392	0.00355	0.000135	0.000261	0.000144	0.0645	0.00000703	0.000333	0.000508	0.00239
2048 Nov	68.9	0.108	0.146	0.00308	14.8	0.0501	11.7	0.00000683	0.014	0.00953	0.0067	0.0164	0.00305	11.1	0.0000058	0.000127	0.000197	0.000696	0.0348	0.00000613	2.13	0.00291	2.57	0.0471	0.00076	1.37	0.00411	0.00366	0.000175	0.000273	0.00015	0.0672	0.00000712	0.00035	0.000521	0.00248
2048 Dec	71.1	0.113	0.153	0.0032	15.3	0.0511	12.1	0.00000691	0.0144	0.00998	0.00678	0.0168	0.0032	11.5	0.00000589	0.000131	0.000203	0.000715	0.036	0.0000063	2.19	0.00303	2.63	0.0494	0.000794	1.41	0.00428	0.00379	0.000171	0.000283	0.000156	0.0695	0.00000722	0.000366	0.000534	0.00251
2049 Jan	72.8	0.117	0.158	0.0033	15.7	0.0518	12.4	0.00000698	0.0147	0.0103	0.00684	0.0172	0.00331	11.8	0.00000596	0.000133	0.000207	0.00073	0.0369	0.00000644	2.24	0.00312	2.68	0.0511	0.000821	1.43	0.00442	0.00388	0.000167	0.000291	0.00016	0.0713	0.0000073	0.000379	0.000544	0.00254
2049 Feb	73.8	0.12	0.162	0.00336	15.9	0.0523	12.6	0.00000702	0.015	0.0105	0.00688	0.0174	0.00339	11.9	0.000006	0.000135	0.00021	0.000739	0.0374	0.00000653	2.28	0.00317	2.72	0.0522	0.000839	1.45	0.0045	0.00394	0.000164	0.000296	0.000163	0.0724	0.00000735	0.000387	0.000551	0.00255
2049 Mar	74.7	0.122	0.164	0.00341	16.1	0.0527	12.8	0.00000706	0.0152	0.0107	0.00691	0.0176	0.00345	12.1	0.00000604	0.000137	0.000213	0.000747	0.0379	0.0000066	2.3	0.00322	2.74	0.0531	0.000853	1.46	0.00458	0.00399	0.000161	0.0003	0.000166	0.0734	0.00000739	0.000393	0.000556	0.00256
2049 Apr	75.2	0.123	0.166	0.00343	16.2	0.053	12.9	0.00000709	0.0152	0.0108	0.00694	0.0177	0.00349	12.2	0.00000605	0.000138	0.000214	0.000751	0.0381	0.00000664	2.32	0.00325	2.76	0.0536	0.000861	1.47	0.00462	0.00418	0.000158	0.000303	0.000167	0.0738	0.00000743	0.000397	0.00056	0.00257
2049 May	75.1	0.122	0.165	0.00342	16.1	0.0532	12.9	0.00000712	0.0152	0.0108	0.00697	0.0177	0.00347	12.1	0.00000603	0.000138	0.000213	0.00075	0.038	0.00000665	2.32	0.00324	2.76	0.0534	0.000857	1.47	0.00461	0.00438	0.000154	0.000302	0.000167	0.0736	0.00000746	0.000395	0.00056	0.00257
2049 Jun	68.2	0.103	0.138	0.00291	14.6	0.0508	11.4	0.00000668	0.0122	0.00871	0.00655	0.0169	0.00283	10.9	0.00000503	0.000122	0.000187	0.000648	0.031	0.00000589	2.13	0.00275	2.6	0.0438	0.000705	1.42	0.00391	0.00385	0.0000704	0.000254	0.000141	0.0655	0.00000696	0.000328	0.000501	0.00228
2049 Jul	72.9	0.113	0.152	0.00318	15.7	0.0532	12.3	0.00000697	0.0137	0.00959	0.00682	0.0179	0.00315	11.7	0.00000533	0.000131	0.000203	0.000699	0.0344	0.00000639	2.28	0.00301	2.74	0.0488	0.000782	1.48	0.00427	0.00407	0.0000672	0.00028	0.000155	0.0707	0.0000073	0.000369	0.000537	0.00239
2049 Aug	67.6	0.104	0.139	0.00295	14.5	0.0504	11.4	0.00000686	0.0133	0.00881	0.00673	0.0166	0.0029	10.9	0.00000513	0.000126	0.000192	0.000666	0.0334	0.00000613	2.12	0.00281	2.55	0.045	0.000721	1.39	0.00395	0.00375	0.0000636	0.000263	0.000145	0.0655	0.00000718	0.000343	0.000518	0.00234
2049 Sep	64.3	0.0995	0.133	0.00284	13.8	0.0479	10.9	0.00000675	0.0133	0.00841	0.00662	0.0157	0.0028	10.4	0.00000501	0.000123	0.00018	0.000649	0.0332	0.000006	2.02	0.00272	2.41	0.0433	0.000693	1.31	0.00373	0.0035	0.0000616	0.000255	0.000141	0.0625	0.00000707	0.000333	0.000508	0.0023
2049 Oct	65.7	0.102	0.137	0.0029	14.1	0.049	11.1	0.00000678	0.0138	0.00863	0.00664	0.0158	0.0029	10.6	0.0000055	0.000125	0.000187	0.000673	0.0335	0.0000061	2.06	0.00278	2.45	0.0445	0.000711	1.33	0.00383	0.00352	0.000137	0.000265	0.000144	0.064	0.00000711	0.000343	0.000514	0.00242
2049 Nov	68	0.107	0.143	0.00302	14.6	0.0503	11.5	0.00000685	0.0143	0.00901	0.00671	0.0163	0.00304	11	0.00000585	0.000128	0.000195	0.000699	0.0344	0.00000627	2.13	0.00289	2.53	0.0466	0.000742	1.36	0.004	0.00362	0.000179	0.000276	0.00015	0.0664	0.0000072	0.000358	0.000526	0.00251
2049 Dec	70.2	0.112	0.15	0.00314	15.1	0.0513	11.9	0.00000694	0.0148	0.00943	0.00679	0.0167	0.00319	11.3	0.00000594	0.000132	0.000201	0.000718	0.0355	0.00000644	2.19	0.00301	2.59	0.0487	0.000776	1.4	0.00416	0.00374	0.000175	0.000286	0.000156	0.0687	0.00000729	0.000374	0.000538	0.00254
2050 Jan	71.8	0.116	0.155	0.00323	15.5	0.052	12.2	0.000007	0.0151	0.00975	0.00685	0.0171	0.0033	11.6	0.00000601	0.000135	0.000206	0.000732	0.0364	0.00000657	2.24	0.0031	2.64	0.0504	0.000802	1.42	0.00429	0.00384	0.000171	0.000294	0.00016	0.0704	0.00000737	0.000386	0.000548	0.00256
2050 Feb	72.9	0.118	0.158	0.00329	15.7	0.0525	12.4	0.00000704	0.0153	0.00996	0.00688	0.0173	0.00338	11.8	0.00000605	0.000136	0.000209	0.000741	0.037	0.00000666	2.27	0.00315	2.68	0.0515	0.000819	1.44	0.00438	0.0039	0.000168	0.000299	0.000163	0.0716	0.00000742	0.000394	0.000554	0.00258
2050 Mar	73.8	0.12	0.161	0.00334	15.9	0.0529	12.6	0.00000708	0.0155	0.0101	0.00692	0.0175	0.00344	11.9	0.00000608	0.000138	0.000211	0.000749	0.0375	0.00000673	2.3	0.0032	2.7	0.0525	0.000833	1.45	0.00445	0.00395	0.000165	0.000303	0.000165	0.0725	0.00000746	0.000401	0.00056	0.00259
2050 Apr	74.3	0.122	0.162	0.00337	16	0.0532	12.7	0.00000711	0.0156	0.0102	0.00695	0.0176	0.00348	12	0.0000061	0.000139	0.000213	0.000754	0.0377	0.00000677	2.32	0.00323	2.72	0.053	0.000841	1.46	0.00449	0.00412	0.000162	0.000305	0.000167	0.073	0.00000749	0.000404	0.000563	0.0026
2050 May	74.3	0.121	0.161	0.00336	15.9	0.0534	12.7	0.00000714	0.0155	0.0102	0.00698	0.0176	0.00347	12	0.00000608	0.000139	0.000212	0.000753	0.0376	0.00000678	2.32	0.00323	2.72	0.0528	0.000838	1.46	0.00449	0.0043	0.000158	0.000304	0.000167	0.0729	0.00000752	0.000403	0.000564	0.0026
2050 Jun	67.4	0.102	0.135	0.00286	14.4	0.0505	11.2	0.00000665	0.0121	0.00823	0.00653	0.0167	0.00283	10.8	0.000005	0.00012	0.000185	0.00064	0.0305	0.00000586	2.11	0.00272	2.57	0.0432	0.000682	1.41	0.00379	0.0038	0.0000707	0.00025	0.000139	0.0648	0.00000693	0.000325	0.000496	0.00227
2050 Jul	71.7	0.111	0.149	0.0031	15.4	0.0524	12	0.00000689	0.0132	0.009	0.00675	0.0176	0.00312	11.5	0.00000524	0.000128	0.0002	0.00068	0.0336	0.00000621	2.23	0.00296	2.69	0.0477	0.000746	1.47	0.00411	0.004	0.0000665	0.000268	0.000151	0.0695	0.00000718	0.000354	0.000523	0.00235
2050 Aug	67.5	0.104	0.138	0.00293	14.5	0.0501	11.3	0.00000682	0.0129	0.00842	0.00669	0.0166	0.00293	10.9	0.00000508	0.000123	0.000192	0.000654	0.033	0.00000599	2.1	0.0028	2.55	0.0448	0.000698	1.39	0.00387	0.00374	0.0000636	0.000254	0.000143	0.0654	0.00000709	0.000332	0.000507	0.00231
2050 Sep	63.6	0.0987	0.131	0.0028	13.7	0.0472	10.7	0.00000667	0.0126	0.00796	0.00655	0.0155	0.00279	10.3	0.00000492	0.000119	0.000179	0.00063	0.0326	0.00000578	1.97	0.00268	2.38	0.0427	0.000663	1.31	0.00362	0.00346	0.0000609	0.000242	0.000137	0.0618	0.00000693	0.000315	0.000491	0.00225
2050 Oct	65.3	0.102	0.135	0.00288	14	0.0482	11	0.0000067	0.0131	0.00821	0.00658	0.0157	0.0029	10.5	0.00000542	0.00012	0.000186	0.000655	0.0331	0.00000587	2.02	0.00276	2.43	0.0442	0.000683	1.33	0.00373	0.00349	0.000137	0.000252	0.000141	0.0636	0.00000696	0.000325	0.000497	0.00236
2050 Nov	67.7	0.107	0.142	0.003	14.6	0.0495	11.4	0.00000677	0.0137	0.0086	0.00664	0.0161	0.00305	10.9	0.00000577	0.000124	0.000194	0.000681	0.034	0.00000602	2.09	0.00287	2.51	0.0463	0.000715	1.36	0.0039	0.00359	0.000179	0.000263	0.000147	0.0661	0.00000704	0.00034	0.000508	0.00245
2050 Dec	69.8	0.112	0.149	0.00312	15	0.0504	11.8	0.00000685	0.0141	0.00901	0.00672	0.0166	0.0032	11.2	0.00000585	0.000127	0.0002	0.000699	0.0352	0.00000619	2.15	0.00299	2.57	0.0486	0.000748	1.39	0.00407	0.00371	0.000174	0.000272	0.000152	0.0684	0.00000713	0.000355	0.00052	0.00248
2051 Jan	71.5	0.116	0.154	0.00321	15.4	0.0511	12.1	0.00000691	0.0144	0.00932	0.00678	0.0169	0.00332	11.5	0.00000592	0.00013	0.000205	0.000713	0.0361	0.00000631	2.2	0.00308	2.62	0.0503	0.000773	1.42	0.00419	0.00381	0.00017	0.000279	0.000157	0.0702	0.0000072	0.000367	0.00053	0.0025
2051 Feb	72.6	0.118	0.157	0.00327	15.6	0.0516	12.3	0.00000695	0.0147	0.00953	0.00681	0.0171	0.0034	11.7	0.00000596	0.000132	0.000208	0.000722	0.0366	0.0000064	2.23	0.00314	2.65	0.0514	0.00079	1.43	0.00428	0.00387	0.000167	0.000284	0.00016	0.0713	0.00000725	0.000375	0.000536	0.00251
2051 Mar	73.5	0.12	0.16	0.00332	15.8	0.052	12.4	0.00000699	0.0148	0.0097	0.00685	0.0173	0.00346	11.8	0.000006	0.000133	0.00021	0.00073	0.0371	0.00000647	2.26	0.00319	2.68	0.0523	0.000803	1.45	0.00435	0.00392	0.000165	0.000288	0.000162	0.0723	0.00000729	0.000381	0.000541	0.00252
2051 Apr	74	0.122	0.161	0.00335	15.9	0.0523	12.6	0.00000702	0.0149	0.0098	0.00687	0.0174	0.0035	11.9	0.00000601	0.000134	0.000211	0.000734	0.0374	0.00000651	2.27	0.00322	2.7	0.0529	0.000811	1.45	0.00439	0.0041	0.000161	0.00029	0.000164	0.0728	0.00000732	0.000385	0.000544	0.00253
2051 May	73.9	0.121	0.161	0.00334	15.9	0.0525	12.6	0.00000705	0.0148	0.00976	0.00691	0.0174	0.00349	11.9	0.00000599	0.000134	0.000211	0.000733	0.0372	0.00000651	2.27	0.00321	2.7	0.0527	0.000808	1.46	0.00439	0.0043	0.000157	0.000289	0.000163	0.0726	0.00000735	0.000383	0.000545	0.00253
2051 Jun	67.5	0.103	0.136	0.00286	14.4	0.0504	11.2	0.00000664	0.0121	0.00793	0.00652	0.0167	0.00286	10.8	0.00000501	0.00012	0.000186	0.000638	0.0306	0.00000584	2.11	0.00274	2.56	0.0435	0.000672	1.41	0.00375	0.00381	0.000071	0.000247	0.000139	0.065	0.00000691	0.000323	0.000493	0.00226
2051 Jul	71.9	0.112	0.149	0.00311	15.5	0.0525	12	0.00000691	0.0135	0.00869	0.00677	0.0176	0.00316	11.5	0.00000528	0.000129	0.000201	0.000684	0.0338	0.00000629	2.24	0.00299	2.68	0.0482	0.000741	1.47	0.00407	0.004	0.0000671	0.00027	0.000152	0.0698	0.00000722	0.000361	0.000525	0.00236
2051 Aug	67.4	0.104	0.138	0.00292	14.5	0.0501	11.2	0.00000683	0.0131	0.00808	0.0067	0.0166	0.00295	10.8	0.00000511	0.000124	0.000192	0.000656	0.033	0.00000606	2.11	0.00282	2.53	0.045	0.00069	1.39	0.00381	0.00373	0.000064	0.000255	0.000144	0.0654	0.00000712	0.000337	0.000509	0.00231
2051 Sep	63.7	0.0991	0.13	0.00279	13.7	0.0474	10.6	0.00000669	0.0129	0.00766	0.00657	0.0155	0.00281	10.3	0.00000496	0.000119	0.000179	0.000633	0.0326	0.00000585	1.98	0.0027	2.37	0.0429	0.000656	1.31	0.00358	0.00347	0.0000614	0.000244	0.000138	0.062	0.00000696	0.000321	0.000493	0.00226
2051 Oct	65	0.102	0.134	0.00285	14	0.0482	10.9	0.0000067	0.0133	0.00784	0.00658	0.0156	0.0029	10.5	0.00000544	0.000121	0.000186	0.000655	0.0329	0.00000592	2.02	0.00276	2.41	0.044	0.000671	1.32	0.00366	0.00347	0.000139	0.000252	0.000141	0.0634	0.00000698	0.000328	0.000497	0.00237
2051 Nov	67.4	0.107	0.141	0.00297	14.5	0.0495	11.3	0.00000677	0.0138	0.00821	0.00664	0.0161	0.00305	10.8	0.00000579	0.000124	0.000194	0.000681	0.0339	0.00000607	2.09	0.00287	2.49	0.0462	0.000702	1.36	0.00383	0.00358	0.000181	0.000263	0.000147	0.0659	0.00000706	0.000343	0.000508	0.00246
2051 Dec	69.6	0.112	0.147	0.00309	15	0.0505	11.7	0.00000685	0.0143	0.0086	0.00672	0.0165	0.0032	11.2	0.00000588	0.000127	0.0002	0.000699	0.035	0.00000624	2.15	0.00299	2.55	0.0485	0.000734	1.39	0.00399	0.0037	0.000176	0.000272	0.000153	0.0682	0.00000715	0.000358	0.00052	0.00249
2052 Jan	71.2	0.115	0.152	0.00318	15.4	0.0512	12	0.00000692	0.0146	0.0089	0.00678	0.0169	0.00332	11.5	0.00000594	0.00013	0.000204	0.000713	0.0359	0.00000637	2.2	0.00308	2.6	0.0502	0.000759	1.41	0.00411	0.00379	0.000172	0.000279	0.000157	0.0699	0.00000722	0.00037	0.00053	0.00251
2052 Feb	72.3	0.118	0.156	0.00324	15.6	0.0516	12.2	0.00000696	0.0148	0.0091	0.00682	0.0171	0.0034	11.6	0.00000598	0.000132	0.000207	0.000722	0.0365	0.00000645	2.23	0.00314	2.63	0.0513	0.000776	1.43	0.0042	0.00385	0.000169	0.000284	0.00016	0.0711	0.00000727	0.000378	0.000536	0.00252
2052 Mar	73.2	0.12	0.159	0.00329	15.8	0.052	12.4	0.00000699	0.015	0.00927	0.00685	0.0173	0.00347	11.8	0.00000602	0.000133	0.00021	0.00073	0.037	0.00000652	2.26	0.00319	2.66	0.0523	0.00079	1.44	0.00427	0.0039	0.000166	0.000288	0.000162	0.0721	0.00000731	0.000385	0.000541	0.00253
2052 Apr	73.6	0.121	0.16	0.00331	15.9	0.0523	12.4	0.00000702	0.0151	0.00935	0.00687	0.0174	0.0035	11.8	0.00000602	0.000134	0.000211	0.000733	0.0371	0.00000656	2.27	0.00321	2.67	0.0527	0.000796	1.45	0.0043	0.00412	0.000162	0.00029	0.000164	0.0725	0.00000733	0.000388	0.000544	0.00253
2052 May	73.6	0.121	0.159	0.0033	15.8	0.0525	12.4	0.00000705	0.015	0.00931	0.00691	0.0174	0.00349	11.8	0.000006	0.000134	0.00021	0.000732	0.037	0.00000656	2.27	0.0032	2.67	0.0525	0.000792	1.45	0.0043	0.00437	0.000157	0.000289	0.000163	0.0722	0.00000736	0.000386	0.000544	0.00254
2052 Jun	66.9	0.102	0.133	0.00282	14.3	0.0499	11	0.00000658	0.0117	0.00751	0.00647	0.0166	0.00283	10.7	0.00000495	0.000117	0.000184	0.000626	0.0301	0.00000571	2.07	0.00271	2.53	0.043	0.000648	1.4	0.00364	0.00379	0.0000707	0.000238	0.000137	0.0644	0.00000682	0.000313	0.000482	0.00222
2052 Jul	71.5	0.112	0.148	0.00308	15.4	0.0518	11.8	0.00000683	0.0129	0.00829	0.00671	0.0175	0.00315	11.4	0.0000052	0.000124	0.0002	0.000668	0.0334	0.00000607	2.2	0.00296	2.66	0.0479	0.000715	1.47	0.00398	0.00398	0.0000668	0.000258	0.00015	0.0694	0.00000708	0.000344	0.000509	0.0023
2052 Aug	67.3	0.104	0.138	0.00291	14.5	0.0495	11.1	0.00000676	0.0126	0.00774	0.00665	0.0165	0.00295	10.8	0.00000505	0.00012	0.000191	0.000642	0.0328	0.00000585	2.07	0.0028	2.52	0.045	0.000668	1.39	0.00374	0.00372	0.0000638	0.000244	0.000141	0.0653	0.00000699	0.000322	0.000494	0.00226
2052 Sep	63.4	0.099	0.13	0.00277	13.6	0.0466	10.5	0.00000661	0.0123	0.00732	0.0065	0.0153	0.00281	10.2	0.00000488	0.000115	0.000178	0.000617	0.0323	0.00000564	1.95	0.00268	2.35	0.0427	0.000633	1.3	0.0035	0.00344	0.000061	0.000232	0.000135	0.0617	0.00000682	0.000305	0.000478	0.0022
2052 Oct	64.9	0.102	0.134	0.00284	14	0.0475	10.8	0.00000663	0.0128	0.00753	0.00652	0.0155	0.00291	10.4	0.00000537	0.000117	0.000185	0.000641	0.0328	0.00000572	1.99	0.00275	2.4	0.0442	0.000651	1.32	0.00359	0.00346	0.000136	0.00024	0.000139	0.0634	0.00000684	0.000314	0.000483	0.00232
2052 Nov	67.3	0.107	0.141	0.00296	14.5	0.0488	11.2	0.0000067	0.0133	0.00789	0.00659	0.016	0.00306	10.8	0.0000057	0.00012	0.000193	0.000666	0.0337	0.00000586	2.05	0.00286	2.47	0.0463	0.000681	1.36	0.00376	0.00356	0.000177	0.000251	0.000145	0.0658	0.00000692	0.000328	0.000493	0.0024
2052 Dec	69.4	0.112	0.147	0.00308	15	0.0497	11.6	0.00000678	0.0137	0.00825	0.00666	0.0164	0.00321	11.1	0.00000579	0.000123	0.000199	0.000683	0.0348	0.00000602	2.12	0.00298	2.54	0.0485	0.000712	1.39	0.00391	0.00368	0.000173	0.00026	0.00015	0.0681	0.000007	0.000342	0.000505	0.00243
2053 Jan	71.1	0.116	0.152	0.00317	15.3	0.0504	11.9	0.00000684	0.014	0.00854	0.00672	0.0167	0.00332	11.4	0.00000585	0.000126	0.000204	0.000697	0.0357	0.00000614	2.16	0.00306	2.58	0.0502	0.000736	1.41	0.00404	0.00377	0.000169	0.000267	0.000155	0.0698	0.00000707	0.000354	0.000514	0.00245
2053 Feb	72.1	0.118	0.155	0.00323	15.6	0.0508	12.1	0.00000688	0.0142	0.00873	0.00675	0.017	0.0034	11.6	0.00000589	0.000128	0.000207	0.000705	0.0363	0.00000622	2.19	0.00312	2.62	0.0513	0.000751	1.43	0.00412	0.00383	0.000166	0.000271	0.000157	0.071	0.00000711	0.000361	0.000519	0.00246
2053 Mar	73	0.12	0.158	0.00327	15.8	0.0512	12.2	0.00000691	0.0144	0.00889	0.00679	0.0171	0.00347	11.7	0.00000593	0.000129	0.000209	0.000713	0.0368	0.00000628	2.22	0.00317	2.64	0.0523	0.000765	1.44	0.00419	0.00388	0.000163	0.000275	0.00016	0.0719	0.00000715	0.000367	0.000524	0.00247
2053 Apr	73.6	0.122	0.16	0.00331	15.9	0.0515	12.3	0.00000694	0.0145	0.00899	0.00681	0.0173	0.00351	11.8	0.00000594	0.00013	0.000211	0.000717	0.037	0.00000633	2.23	0.0032	2.66	0.0529	0.000773	1.45	0.00423	0.00404	0.00016	0.000277	0.000161	0.0725	0.00000718	0.000371	0.000528	0.00248
2053 May	73.9	0.122	0.16	0.00332	15.9	0.0519	12.4	0.00000699	0.0145	0.00901	0.00686	0.0173	0.00352	11.9	0.00000595	0.000131	0.000211	0.00072	0.0371	0.00000636	2.24	0.00321	2.67	0.053	0.000775	1.46	0.00425	0.00422	0.000156	0.000278	0.000162	0.0727	0.00000723	0.000372	0.00053	0.00248
2053 Jun	66.8	0.102	0.133	0.0028	14.3	0.05	11	0.0000066	0.0119	0.00721	0.00648	0.0166	0.00283	10.6	0.00000497	0.000117	0.000184	0.000628	0.0301	0.00000577	2.08	0.00271	2.52	0.0431	0.00064	1.4	0.00359	0.00376	0.0000709	0.000239	0.000137	0.0643	0.00000684	0.000317	0.000483	0.00223
2053 Jul	71.4	0.111	0.147	0.00305	15.4	0.0521	11.8	0.00000685	0.0131	0.0079	0.00672	0.0175	0.00313	11.4	0.00000523	0.000126	0.0002	0.000671	0.0332	0.00000617	2.21	0.00295	2.65	0.0478	0.000705	1.47	0.00391	0.00397	0.0000671	0.00026	0.00015	0.0692	0.00000713	0.000351	0.000513	0.00232
2053 Aug	66.9	0.103	0.136	0.00286	14.4	0.0496	11	0.00000677	0.0128	0.00736	0.00665	0.0164	0.00291	10.7	0.00000506	0.000121	0.00019	0.000643	0.0325	0.00000593	2.08	0.00279	2.49	0.0447	0.000657	1.38	0.00366	0.00369	0.0000639	0.000245	0.000141	0.0649	0.00000703	0.000327	0.000496	0.00228
2053 Sep	63.1	0.0984	0.128	0.00273	13.6	0.0468	10.4	0.00000663	0.0126	0.00697	0.00652	0.0153	0.00278	10.1	0.0000049	0.000116	0.000178	0.00062	0.0322	0.00000573	1.95	0.00267	2.34	0.0426	0.000624	1.3	0.00343	0.00342	0.0000613	0.000234	0.000136	0.0614	0.00000686	0.000311	0.000481	0.00222
2053 Oct	64.6	0.102	0.132	0.00281	13.9	0.0477	10.7	0.00000665	0.013	0.00718	0.00653	0.0155	0.00288	10.4	0.0000054	0.000118	0.000185	0.000644	0.0326	0.0000058	1.99	0.00274	2.38	0.044	0.000641	1.32	0.00352	0.00344	0.000138	0.000243	0.00014	0.0631	0.00000689	0.000319	0.000486	0.00234
2053 Nov	67	0.106	0.139	0.00292	14.5	0.049	11.1	0.00000672	0.0136	0.00752	0.0066	0.016	0.00303	10.7	0.00000575	0.000121	0.000193	0.000669	0.0336	0.00000595	2.06	0.00285	2.46	0.0462	0.000671	1.35	0.00369	0.00355	0.00018	0.000253	0.000145	0.0656	0.00000696	0.000334	0.000496	0.00242
2053 Dec	69.2	0.111	0.146	0.00304	14.9	0.0499	11.5	0.0000068	0.014	0.00788	0.00667	0.0164	0.00318	11.1	0.00000583	0.000124	0.000199	0.000687	0.0347	0.00000612	2.13	0.00297	2.52	0.0484	0.000703	1.38	0.00385	0.00367	0.000175	0.000262	0.000151	0.0679	0.00000705	0.000349	0.000508	0.00245
2054 Jan	70.9	0.115	0.151	0.00313	15.3	0.0507	11.8	0.00000686	0.0143	0.00816	0.00673	0.0168	0.0033	11.4	0.0000059	0.000127	0.000204	0.000701	0.0356	0.00000625	2.17	0.00306	2.57	0.0502	0.000727	1.41	0.00397	0.00376	0.000171	0.000269	0.000155	0.0697	0.00000712	0.000361	0.000517	0.00247
2054 Feb	72	0.118	0.154	0.00319	15.5	0.0511	12	0.0000069	0.0145	0.00834	0.00677	0.017	0.00338	11.5	0.00000594	0.000129	0.000207	0.00071	0.0362	0.00000633	2.21	0.00312	2.6	0.0513	0.000743	1.42	0.00405	0.00382	0.000168	0.000274	0.000158	0.0708	0.00000717	0.000369	0.000523	0.00248
2054 Mar	72.9	0.12	0.157	0.00324	15.7	0.0515	12.2	0.00000694	0.0147	0.0085	0.0068	0.0172	0.00344	11.7	0.00000597	0.00013	0.000209	0.000717	0.0367	0.0000064	2.23	0.00317	2.63	0.0523	0.000756	1.44	0.00412	0.00387	0.000166	0.000278	0.000161	0.0718	0.00000721	0.000375	0.000528	0.00249
2054 Apr	73.3	0.121	0.158	0.00326	15.8	0.0518	12.3	0.00000696	0.0148	0.00857	0.00682	0.0172	0.00348	11.7	0.00000598	0.000131	0.00021	0.000721	0.0368	0.00000644	2.24	0.00319	2.64	0.0527	0.000762	1.44	0.00415	0.00409	0.000161	0.000279	0.000162	0.0722	0.00000723	0.000378	0.000531	0.00249
2054 May	73.2	0.121	0.157	0.00325	15.7	0.052	12.2	0.00000699	0.0147	0.00853	0.00686	0.0172	0.00346	11.7	0.00000595	0.000131	0.000209	0.000719	0.0366	0.00000643	2.24	0.00318	2.64	0.0524	0.000758	1.45	0.00414	0.00434	0.000157	0.000278	0.000161	0.0719	0.00000726	0.000376	0.000531	0.0025
2054 Jun	66.5	0.101	0.132	0.00277	14.2	0.0494	10.9	0.00000653	0.0115	0.00687	0.00643	0.0164	0.0028	10.6	0.00000491	0.000114	0.000183	0.000614	0.0298	0.0000056	2.05	0.00268	2.5	0.0428	0.000619	1.4	0.00351	0.00376	0.0000708	0.000229	0.000135	0.064	0.00000673	0.000304	0.000471	0.00219
2054 Jul	71	0.111	0.146	0.00303	15.3	0.0512	11.6	0.00000677	0.0126	0.00758	0.00665	0.0173	0.00311	11.3	0.00000516	0.000121	0.000199	0.000655	0.0331	0.00000595	2.17	0.00293	2.63	0.0478	0.000683	1.46	0.00384	0.00394	0.0000667	0.000248	0.000148	0.0689	0.00000698	0.000335	0.000497	0.00227
2054 Aug	67	0.104	0.136	0.00286	14.4	0.049	11	0.00000671	0.0124	0.00711	0.00661	0.0164	0.00292	10.7	0.00000502	0.000118	0.000191	0.000632	0.0326	0.00000576	2.05	0.00279	2.49	0.045	0.000641	1.38	0.00362	0.00369	0.0000639	0.000236	0.00014	0.065	0.00000691	0.000315	0.000484	0.00223
2054 Sep	63.3	0.0991	0.128	0.00273	13.6	0.0465	10.4	0.00000659	0.0123	0.00674	0.00649	0.0153	0.00279	10.1	0.00000488	0.000114	0.000178	0.000613	0.0322	0.00000562	1.94	0.00267	2.33	0.0429	0.000611	1.3	0.0034	0.00343	0.0000615	0.000228	0.000135	0.0616	0.00000679	0.000303	0.000472	0.00219
2054 Oct	64.5	0.102	0.132	0.00279	13.9	0.0474	10.6	0.00000662	0.0128	0.00689	0.00651	0.0155	0.00287	10.3	0.00000537	0.000116	0.000185	0.000637	0.0325	0.00000572	1.98	0.00273	2.37	0.044	0.000627	1.31	0.00347	0.00343	0.000137	0.000237	0.000139	0.063	0.00000682	0.000313	0.000478	0.00231
2054 Nov	66.8	0.106	0.138	0.0029	14.4	0.0487	11	0.00000668	0.0134	0.0072	0.00657	0.0159	0.00301	10.7	0.00000571	0.000119	0.000193	0.000662	0.0334	0.00000587	2.05	0.00284	2.44	0.0461	0.000656	1.35	0.00362	0.00353	0.000179	0.000248	0.000144	0.0654	0.0000069	0.000328	0.000489	0.0024
2054 Dec	69	0.111	0.144	0.00301	14.9	0.0496	11.4	0.00000676	0.0138	0.00754	0.00664	0.0163	0.00315	11	0.0000058	0.000123	0.000198	0.00068	0.0345	0.00000603	2.11	0.00295	2.5	0.0483	0.000686	1.38	0.00377	0.00365	0.000174	0.000256	0.00015	0.0676	0.00000699	0.000343	0.000501	0.00242
2055 Jan	70.6	0.115	0.149	0.0031	15.2	0.0503	11.7	0.00000682	0.0141	0.00779	0.0067	0.0167	0.00327	11.3	0.00000586	0.000125	0.000203	0.000693	0.0354	0.00000616	2.15	0.00304	2.55	0.05	0.000709	1.4	0.00389	0.00374	0.00017	0.000263	0.000154	0.0693	0.00000706	0.000354	0.000509	0.00244
2055 Feb	71.6	0.117	0.152	0.00315	15.5	0.0507	11.9	0.00000686	0.0143	0.00796	0.00674	0.0169	0.00334	11.5	0.0000059	0.000127	0.000206	0.000701	0.0359	0.00000624	2.19	0.0031	2.58	0.0511	0.000724	1.42	0.00397	0.0038	0.000167	0.000268	0.000157	0.0705	0.0000071	0.000362	0.000515	0.00246
2055 Mar	72.5	0.119	0.155	0.0032	15.7	0.0511	12	0.0000069	0.0145	0.00811	0.00677	0.017	0.00341	11.6	0.00000593	0.000128	0.000208	0.000709	0.0364	0.00000631	2.21	0.00314	2.6	0.052	0.000736	1.43	0.00403	0.00385	0.000165	0.000271	0.000159	0.0714	0.00000714	0.000368	0.00052	0.00247
2055 Apr	72.9	0.12	0.156	0.00322	15.7	0.0514	12.1	0.00000692	0.0145	0.00817	0.00679	0.0171	0.00343	11.7	0.00000593	0.000129	0.000209	0.000711	0.0365	0.00000634	2.22	0.00317	2.61	0.0524	0.000742	1.44	0.00406	0.00408	0.000161	0.000273	0.00016	0.0717	0.00000716	0.000371	0.000522	0.00247
2055 May	72.6	0.12	0.155	0.0032	15.6	0.0515	12.1	0.00000695	0.0144	0.00811	0.00682	0.0171	0.00341	11.6	0.0000059	0.000129	0.000208	0.000709	0.0362	0.00000633	2.22	0.00315	2.61	0.052	0.000735	1.44	0.00404	0.00434	0.000155	0.000271	0.000159	0.0713	0.00000719	0.000368	0.000522	0.00247
2055 Jun	66.7	0.102	0.132	0.00276	14.3	0.0493	10.8	0.00000653	0.0115	0.00665	0.00643	0.0165	0.0028	10.6	0.00000492	0.000114	0.000184	0.000614	0.0299	0.0000056	2.05	0.00269	2.49	0.0433	0.000613	1.4	0.00349	0.00376	0.0000705	0.000228	0.000136	0.0642	0.00000672	0.000305	0.000469	0.00218
2055 Jul	70.7	0.111	0.144	0.00299	15.2	0.0512	11.5	0.00000677	0.0127	0.00724	0.00665	0.0173	0.00308	11.2	0.00000516	0.000121	0.000198	0.000655	0.0329	0.00000598	2.17	0.00292	2.61	0.0477	0.000671	1.45	0.00377	0.00392	0.0000669	0.000247	0.000148	0.0686	0.00000698	0.000336	0.000496	0.00227
2055 Aug	66.2	0.103	0.133	0.0028	14.3	0.0488	10.8	0.0000067	0.0124	0.00673	0.00659	0.0162	0.00286	10.6	0.000005	0.000117	0.000189	0.000628	0.0322	0.00000577	2.04	0.00275	2.45	0.0445	0.000625	1.37	0.00353	0.00364	0.0000637	0.000234	0.000139	0.0643	0.0000069	0.000314	0.000482	0.00223
2055 Sep	62.8	0.0981	0.126	0.00269	13.5	0.0463	10.3	0.00000658	0.0123	0.0064	0.00647	0.0152	0.00274	10	0.00000487	0.000114	0.000177	0.00061	0.032	0.00000562	1.93	0.00265	2.31	0.0426	0.000598	1.29	0.00332	0.0034	0.0000614	0.000226	0.000134	0.0611	0.00000678	0.000303	0.00047	0.00219
2055 Oct	64.2	0.101	0.13	0.00275	13.8	0.0472	10.5	0.0000066	0.0128	0.00657	0.00649	0.0154	0.00283	10.3	0.00000536	0.000115	0.000184	0.000634	0.0324	0.00000571	1.97	0.00271	2.35	0.0438	0.000614	1.31	0.0034	0.00341	0.000137	0.000235	0.000138	0.0626	0.00000681	0.000312	0.000476	0.0023
2055 Nov	66.7	0.106	0.137	0.00287	14.4	0.0486	11	0.00000667	0.0134	0.0069	0.00656	0.0159	0.00298	10.6	0.00000571	0.000119	0.000192	0.00066	0.0333	0.00000587	2.04	0.00283	2.43	0.0461	0.000645	1.34	0.00357	0.00352	0.000179	0.000246	0.000144	0.0652	0.00000689	0.000327	0.000487	0.00239
2055 Dec	68.9	0.111	0.144	0.00299	14.9	0.0495	11.4	0.00000676	0.0138	0.00724	0.00663	0.0163	0.00313	11	0.0000058	0.000122	0.000198	0.000678	0.0345	0.00000604	2.11	0.00295	2.49	0.0484	0.000676	1.38	0.00372	0.00364	0.000174	0.000255	0.00015	0.0676	0.00000698	0.000343	0.000499	0.00242
2056 Jan	70.6	0.115	0.149	0.00307	15.2	0.0502	11.7	0.00000682	0.0142	0.00749	0.00669	0.0166	0.00325	11.3	0.00000586	0.000125	0.000203	0.000692	0.0353	0.00000617	2.16	0.00304	2.54	0.0502	0.000699	1.4	0.00384	0.00374	0.00017	0.000262	0.000154	0.0693	0.00000705	0.000355	0.000508	0.00244
2056 Feb	71.7	0.118	0.152	0.00313	15.5	0.0507	11.8	0.00000686	0.0144	0.00766	0.00673	0.0169	0.00333	11.5	0.0000059	0.000127	0.000206	0.000701	0.0359	0.00000626	2.19	0.0031	2.57	0.0513	0.000715	1.42	0.00392	0.0038	0.000167	0.000267	0.000157	0.0705	0.0000071	0.000363	0.000514	0.00245
2056 Mar	72.6	0.12	0.155	0.00318	15.7	0.0511	12	0.0000069	0.0146	0.0078	0.00676	0.0171	0.00339	11.6	0.00000594	0.000128	0.000208	0.000709	0.0364	0.00000633	2.21	0.00315	2.59	0.0523	0.000728	1.43	0.00398	0.00385	0.000164	0.00027	0.00016	0.0715	0.00000714	0.00037	0.000519	0.00246
2056 Apr	72.9	0.121	0.156	0.0032	15.7	0.0514	12.1	0.00000692	0.0146	0.00786	0.00679	0.0171	0.00342	11.7	0.00000594	0.000129	0.000209	0.000712	0.0366	0.00000636	2.23	0.00317	2.61	0.0527	0.000733	1.44	0.00401	0.00408	0.00016	0.000272	0.000161	0.0718	0.00000716	0.000372	0.000521	0.00246
2056 May	72.8	0.12	0.155	0.00319	15.6	0.0516	12.1	0.00000695	0.0145	0.00782	0.00682	0.0171	0.0034	11.6	0.00000591	0.000129	0.000208	0.00071	0.0363	0.00000636	2.22	0.00316	2.61	0.0524	0.000728	1.44	0.004	0.00435	0.000155	0.000271	0.00016	0.0715	0.00000719	0.00037	0.000522	0.00247
2056 Jun	66.2	0.1	0.129	0.00271	14.2	0.0495	10.7	0.00000655	0.0118	0.0063	0.00643	0.0164	0.00274	10.5	0.00000493	0.000115	0.000183	0.000616	0.0296	0.00000569	2.06	0.00267	2.47	0.0428	0.000602	1.39	0.00341	0.00374	0.0000705	0.00023	0.000136	0.0637	0.00000677	0.00031	0.000472	0.0022
2056 Jul	70.7	0.11	0.143	0.00295	15.2	0.0515	11.5	0.00000679	0.0129	0.00692	0.00667	0.0173	0.00304	11.2	0.00000518	0.000122	0.000198	0.000658	0.0327	0.00000606	2.19	0.00291	2.6	0.0476	0.000663	1.45	0.00371	0.00393	0.0000673	0.000249	0.000148	0.0686	0.00000703	0.000342	0.000499	0.00228
2056 Aug	65.4	0.101	0.13	0.00274	14.1	0.0484	10.6	0.00000668	0.0125	0.00635	0.00656	0.016	0.00279	10.4	0.00000497	0.000116	0.000186	0.000624	0.0319	0.00000577	2.02	0.00271	2.41	0.0438	0.000609	1.35	0.00343	0.00359	0.0000634	0.000232	0.000138	0.0634	0.00000689	0.000314	0.000479	0.00223
2056 Sep	62.5	0.0978	0.125	0.00266	13.4	0.046	10.2	0.00000656	0.0124	0.00612	0.00645	0.0151	0.00271	9.99	0.00000486	0.000113	0.000176	0.000608	0.0319	0.00000563	1.92	0.00264	2.28	0.0426	0.000589	1.28	0.00326	0.00337	0.0000614	0.000225	0.000135	0.0608	0.00000676	0.000303	0.000468	0.00218
2056 Oct	64.3	0.101	0.13	0.00274	13.8	0.0471	10.5	0.00000659	0.0129	0.00633	0.00647	0.0154	0.00282	10.3	0.00000536	0.000115	0.000184	0.000633	0.0324	0.00000571	1.97	0.00272	2.34	0.0442	0.000608	1.31	0.00336	0.00341	0.000138	0.000233	0.000139	0.0627	0.00000679	0.000313	0.000474	0.0023
2056 Nov	66.6	0.106	0.136	0.00285	14.4	0.0484	10.9	0.00000665	0.0134	0.00663	0.00654	0.0158	0.00296	10.6	0.0000057	0.000118	0.000192	0.000657	0.0333	0.00000585	2.04	0.00283	2.41	0.0463	0.000635	1.34	0.00352	0.00351	0.00018	0.000243	0.000144	0.0652	0.00000686	0.000326	0.000483	0.00238
2056 Dec	68.7	0.111	0.143	0.00296	14.8	0.0493	11.3	0.00000673	0.0138	0.00693	0.00661	0.0162	0.0031	11	0.00000578	0.000121	0.000198	0.000674	0.0344	0.00000601	2.1	0.00294	2.47	0.0485	0.000663	1.37	0.00366	0.00362	0.000175	0.000252	0.000149	0.0674	0.00000694	0.000341	0.000494	0.00241
2057 Jan	70.3	0.115	0.147	0.00304	15.2	0.0499	11.6	0.00000678	0.0141	0.00716	0.00666	0.0166	0.00321	11.2	0.00000584	0.000124	0.000202	0.000687	0.0352	0.00000612	2.14	0.00302	2.52	0.0501	0.000685	1.39	0.00377	0.00371	0.000171	0.000258	0.000153	0.069	0.000007	0.000352	0.000502	0.00242
2057 Feb	71.3	0.117	0.15	0.00309	15.4	0.0504	11.7	0.00000682	0.0143	0.00731	0.00669	0.0168	0.00328	11.4	0.00000588	0.000125	0.000205	0.000695	0.0357	0.0000062	2.17	0.00308	2.54	0.0512	0.000699	1.41	0.00384	0.00377	0.000168	0.000262	0.000156	0.0701	0.00000704	0.000359	0.000508	0.00243
2057 Mar	72.2	0.119	0.153	0.00314	15.6	0.0507	11.9	0.00000685	0.0145	0.00744	0.00672	0.0169	0.00334	11.5	0.00000591	0.000126	0.000207	0.000702	0.0362	0.00000626	2.2	0.00312	2.57	0.0521	0.000711	1.42	0.0039	0.00382	0.000165	0.000266	0.000159	0.0711	0.00000708	0.000365	0.000512	0.00244

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	72.5	0.12	0.154	0.00316	15.6	0.051	12	0.00000687	0.0145	0.00749	0.00675	0.017	0.00337	11.6	0.00000591	0.000127	0.000208	0.000704	0.0363	0.00000629	2.21	0.00314	2.58	0.0525	0.000715	1.43	0.00393	0.00406	0.000161	0.000267	0.000159	0.0713	0.0000071	0.000367	0.000514	0.00244
2057 May	72.3	0.119	0.152	0.00314	15.5	0.0511	11.9	0.0000069	0.0143	0.00744	0.00677	0.017	0.00335	11.5	0.00000588	0.000127	0.000207	0.000702	0.036	0.00000628	2.2	0.00313	2.58	0.0521	0.00071	1.43	0.00392	0.00434	0.000155	0.000265	0.000159	0.0709	0.00000712	0.000365	0.000514	0.00244
2057 Jun	65.9	0.1	0.128	0.00268	14.1	0.0489	10.6	0.00000648	0.0113	0.00602	0.00637	0.0163	0.00271	10.4	0.00000487	0.000112	0.000182	0.000604	0.0294	0.00000552	2.03	0.00264	2.46	0.0427	0.000584	1.38	0.00334	0.00372	0.0000697	0.000221	0.000134	0.0634	0.00000665	0.000298	0.00046	0.00215
2057 Jul	70.2	0.11	0.141	0.00291	15.1	0.0507	11.4	0.00000671	0.0124	0.0066	0.0066	0.0171	0.00299	11.1	0.00000511	0.000119	0.000197	0.000642	0.0324	0.00000586	2.15	0.00288	2.58	0.0473	0.000641	1.44	0.00363	0.0039	0.0000667	0.000238	0.000145	0.0681	0.00000689	0.000327	0.000484	0.00223
2057 Aug	65.9	0.102	0.131	0.00274	14.2	0.0484	10.7	0.00000664	0.0121	0.00615	0.00654	0.0161	0.00279	10.5	0.00000495	0.000114	0.000188	0.000617	0.0318	0.00000565	2.02	0.00272	2.43	0.0443	0.000598	1.37	0.00341	0.00363	0.0000636	0.000225	0.000137	0.0639	0.00000681	0.000305	0.000471	0.0022
2057 Sep	62	0.0966	0.123	0.00261	13.3	0.0455	10.1	0.0000065	0.0119	0.0058	0.0064	0.015	0.00265	9.89	0.00000479	0.00011	0.000175	0.000594	0.0314	0.00000545	1.89	0.00259	2.27	0.042	0.000565	1.28	0.00318	0.00335	0.0000609	0.000214	0.000131	0.0603	0.00000665	0.000289	0.000455	0.00214
2057 Oct	63.6	0.1	0.128	0.00268	13.7	0.0465	10.3	0.00000652	0.0123	0.00599	0.00642	0.0152	0.00275	10.1	0.00000528	0.000112	0.000182	0.000618	0.0319	0.00000552	1.93	0.00267	2.32	0.0435	0.000583	1.3	0.00327	0.00337	0.000136	0.000223	0.000135	0.062	0.00000667	0.000298	0.00046	0.00225
2057 Nov	66	0.105	0.134	0.0028	14.2	0.0477	10.7	0.00000658	0.0129	0.00628	0.00648	0.0156	0.0029	10.5	0.00000562	0.000115	0.00019	0.000642	0.0328	0.00000567	2	0.00278	2.39	0.0457	0.000611	1.33	0.00343	0.00348	0.000178	0.000233	0.000141	0.0645	0.00000674	0.000312	0.00047	0.00234
2057 Dec	68.1	0.11	0.14	0.00291	14.7	0.0486	11.1	0.00000666	0.0133	0.00658	0.00655	0.0161	0.00304	10.8	0.0000057	0.000118	0.000196	0.000659	0.0339	0.00000581	2.06	0.00289	2.45	0.0479	0.000639	1.36	0.00357	0.00359	0.000173	0.000241	0.000146	0.0667	0.00000682	0.000326	0.00048	0.00236
2058 Jan	69.7	0.114	0.145	0.00299	15	0.0492	11.4	0.00000671	0.0136	0.0068	0.0066	0.0164	0.00315	11.1	0.00000576	0.00012	0.000201	0.000671	0.0348	0.00000593	2.1	0.00298	2.49	0.0496	0.000661	1.39	0.00368	0.00368	0.000169	0.000247	0.00015	0.0684	0.00000688	0.000337	0.000488	0.00238
2058 Feb	70.7	0.116	0.148	0.00305	15.3	0.0497	11.6	0.00000675	0.0137	0.00695	0.00664	0.0166	0.00323	11.3	0.0000058	0.000122	0.000203	0.000679	0.0353	0.000006	2.13	0.00303	2.52	0.0507	0.000675	1.4	0.00375	0.00374	0.000166	0.000251	0.000153	0.0695	0.00000692	0.000344	0.000493	0.00239
2058 Mar	71.6	0.118	0.151	0.00309	15.5	0.05	11.7	0.00000678	0.0139	0.00708	0.00667	0.0168	0.00329	11.4	0.00000583	0.000123	0.000206	0.000686	0.0358	0.00000607	2.16	0.00308	2.55	0.0517	0.000686	1.41	0.00381	0.00378	0.000164	0.000254	0.000155	0.0705	0.00000695	0.00035	0.000498	0.00239
2058 Apr	72	0.119	0.152	0.00311	15.5	0.0503	11.8	0.0000068	0.0139	0.00713	0.00669	0.0168	0.00331	11.4	0.00000583	0.000123	0.000207	0.000689	0.0359	0.00000609	2.17	0.0031	2.56	0.0521	0.000691	1.42	0.00384	0.00403	0.00016	0.000255	0.000156	0.0708	0.00000697	0.000352	0.0005	0.0024
2058 May	71.7	0.118	0.151	0.00309	15.4	0.0504	11.8	0.00000683	0.0138	0.00708	0.00672	0.0168	0.00329	11.4	0.0000058	0.000123	0.000205	0.000686	0.0356	0.00000609	2.16	0.00309	2.56	0.0517	0.000686	1.42	0.00383	0.00432	0.000154	0.000254	0.000156	0.0704	0.000007	0.000349	0.0005	0.00239
2058 Jun	66.5	0.102	0.129	0.00269	14.2	0.0494	10.7	0.00000654	0.0118	0.00587	0.00642	0.0164	0.00273	10.5	0.00000494	0.000114	0.000184	0.000616	0.0298	0.00000569	2.06	0.00268	2.46	0.0435	0.00059	1.39	0.00335	0.00375	0.0000706	0.000228	0.000137	0.064	0.00000674	0.000311	0.000468	0.00219
2058 Jul	70.7	0.111	0.142	0.00291	15.3	0.0517	11.4	0.00000681	0.0133	0.00639	0.00667	0.0173	0.003	11.2	0.00000523	0.000123	0.000199	0.000662	0.0329	0.00000617	2.2	0.00292	2.58	0.048	0.000652	1.45	0.00363	0.00392	0.0000679	0.000251	0.00015	0.0686	0.00000707	0.00035	0.000501	0.0023
2058 Aug	65.7	0.101	0.129	0.00271	14.2	0.049	10.6	0.00000672	0.0129	0.00588	0.00659	0.0162	0.00276	10.5	0.00000503	0.000118	0.000188	0.000632	0.032	0.00000592	2.05	0.00272	2.41	0.0443	0.000601	1.36	0.00336	0.00362	0.0000643	0.000236	0.00014	0.0637	0.00000697	0.000324	0.000485	0.00225
2058 Sep	62.2	0.0968	0.123	0.00259	13.4	0.0465	10.1	0.0000066	0.0128	0.00559	0.00648	0.0152	0.00264	9.93	0.0000049	0.000115	0.000176	0.000613	0.0317	0.00000576	1.94	0.00262	2.26	0.0424	0.000575	1.28	0.00316	0.00337	0.0000619	0.000228	0.000135	0.0605	0.00000684	0.000312	0.000473	0.00221
2058 Oct	63.7	0.1	0.127	0.00266	13.7	0.0475	10.4	0.00000662	0.0133	0.00575	0.0065	0.0154	0.00273	10.2	0.0000054	0.000117	0.000183	0.000638	0.0321	0.00000586	1.98	0.00269	2.31	0.0438	0.000592	1.3	0.00325	0.00339	0.000138	0.000237	0.000139	0.0621	0.00000687	0.000322	0.000479	0.00233
2058 Nov	66	0.105	0.133	0.00276	14.3	0.0488	10.8	0.00000669	0.0139	0.00602	0.00656	0.0158	0.00287	10.5	0.00000574	0.00012	0.000191	0.000663	0.033	0.00000602	2.05	0.0028	2.38	0.0459	0.000619	1.33	0.00339	0.00349	0.00018	0.000248	0.000144	0.0645	0.00000695	0.000337	0.00049	0.00241
2058 Dec	68.1	0.109	0.139	0.00287	14.7	0.0497	11.1	0.00000677	0.0143	0.00629	0.00663	0.0162	0.00301	10.8	0.00000583	0.000123	0.000197	0.00068	0.0341	0.00000619	2.11	0.00291	2.44	0.0481	0.000647	1.36	0.00353	0.0036	0.000175	0.000256	0.00015	0.0667	0.00000704	0.000352	0.000501	0.00244
2059 Jan	69.7	0.113	0.143	0.00295	15.1	0.0504	11.4	0.00000683	0.0147	0.0065	0.00669	0.0165	0.00311	11.1	0.00000589	0.000126	0.000201	0.000693	0.0349	0.00000632	2.16	0.00299	2.48	0.0497	0.000668	1.38	0.00364	0.00369	0.000171	0.000263	0.000154	0.0684	0.00000711	0.000364	0.000509	0.00246
2059 Feb	70.7	0.115	0.146	0.003	15.3	0.0508	11.6	0.00000687	0.0149	0.00664	0.00672	0.0168	0.00319	11.3	0.00000593	0.000127	0.000204	0.000702	0.0354	0.0000064	2.19	0.00305	2.51	0.0508	0.000682	1.4	0.00371	0.00375	0.000168	0.000267	0.000157	0.0695	0.00000715	0.000372	0.000515	0.00247
2059 Mar	71.6	0.118	0.149	0.00305	15.5	0.0512	11.7	0.0000069	0.0151	0.00676	0.00675	0.0169	0.00324	11.4	0.00000596	0.000129	0.000206	0.000709	0.0359	0.00000647	2.21	0.00309	2.53	0.0517	0.000694	1.41	0.00377	0.00379	0.000166	0.000271	0.000159	0.0704	0.00000719	0.000378	0.00052	0.00248
2059 Apr	72	0.119	0.15	0.00307	15.5	0.0515	11.8	0.00000693	0.0151	0.00682	0.00678	0.017	0.00328	11.5	0.00000597	0.00013	0.000208	0.000713	0.0361	0.00000651	2.23	0.00312	2.55	0.0522	0.0007	1.42	0.0038	0.00399	0.000162	0.000273	0.000161	0.0708	0.00000722	0.000381	0.000523	0.00248
2059 May	71.9	0.118	0.149	0.00306	15.5	0.0517	11.8	0.00000696	0.015	0.0068	0.00681	0.017	0.00326	11.4	0.00000595	0.00013	0.000207	0.000712	0.0359	0.00000651	2.23	0.00311	2.55	0.052	0.000696	1.42	0.0038	0.0042	0.000157	0.000272	0.00016	0.0706	0.00000725	0.000379	0.000523	0.00249
2059 Jun	65.6	0.0992	0.126	0.00262	14	0.0492	10.5	0.00000651	0.0118	0.0055	0.00639	0.0163	0.00264	10.4	0.00000491	0.000113	0.000181	0.000609	0.0292	0.00000567	2.04	0.00262	2.43	0.0425	0.000571	1.38	0.00324	0.00368	0.0000706	0.000225	0.000135	0.063	0.00000672	0.000308	0.000465	0.00218
2059 Jul	69.9	0.109	0.139	0.00285	15.1	0.051	11.2	0.00000674	0.0129	0.00604	0.00661	0.0171	0.00292	11.1	0.00000514	0.00012	0.000196	0.000647	0.0323	0.00000601	2.16	0.00286	2.55	0.0473	0.000627	1.44	0.00353	0.00388	0.0000671	0.000242	0.000146	0.0677	0.00000696	0.000337	0.000489	0.00226
2059 Aug	65.3	0.101	0.128	0.00267	14.1	0.0484	10.5	0.00000666	0.0125	0.0056	0.00654	0.016	0.00271	10.4	0.00000497	0.000115	0.000186	0.000619	0.0316	0.00000576	2.02	0.00269	2.39	0.044	0.000581	1.35	0.00329	0.00359	0.0000638	0.000227	0.000137	0.0632	0.00000686	0.000312	0.000473	0.00221
2059 Sep	62	0.0964	0.122	0.00257	13.3	0.0458	10	0.00000653	0.0123	0.00535	0.00642	0.015	0.0026	9.86	0.00000483	0.000111	0.000175	0.000599	0.0314	0.00000557	1.91	0.00259	2.25	0.0422	0.000556	1.28	0.0031	0.00335	0.0000615	0.000218	0.000133	0.0602	0.00000671	0.000298	0.00046	0.00216
2059 Oct	63.5	0.0995	0.126	0.00263	13.7	0.0468	10.3	0.00000655	0.0128	0.0055	0.00644	0.0152	0.00269	10.1	0.00000532	0.000113	0.000182	0.000623	0.0319	0.00000565	1.95	0.00266	2.3	0.0436	0.000572	1.29	0.00319	0.00337	0.000137	0.000226	0.000136	0.0618	0.00000673	0.000307	0.000464	0.00227
2059 Nov	65.7	0.104	0.132	0.00274	14.2	0.048	10.6	0.00000661	0.0133	0.00576	0.0065	0.0157	0.00283	10.4	0.00000565	0.000116	0.00019	0.000647	0.0327	0.0000058	2.01	0.00276	2.36	0.0457	0.000598	1.33	0.00333	0.00346	0.000178	0.000236	0.000142	0.0642	0.0000068	0.000321	0.000474	0.00236
2059 Dec	67.8	0.109	0.138	0.00284	14.6	0.0489	11	0.00000669	0.0137	0.00602	0.00657	0.0161	0.00296	10.8	0.00000574	0.000119	0.000196	0.000663	0.0338	0.00000595	2.07	0.00287	2.42	0.0479	0.000625	1.36	0.00347	0.00358	0.000173	0.000244	0.000147	0.0664	0.00000689	0.000335	0.000485	0.00238
2060 Jan	69.4	0.113	0.142	0.00292	15	0.0495	11.3	0.00000674	0.014	0.00623	0.00662	0.0164	0.00307	11	0.0000058	0.000121	0.0002	0.000676	0.0346	0.00000607	2.12	0.00296	2.47	0.0496	0.000646	1.38	0.00357	0.00366	0.000169	0.00025	0.000151	0.0681	0.00000695	0.000346	0.000493	0.0024
2060 Feb	70.4	0.115	0.145	0.00298	15.2	0.05	11.5	0.00000678	0.0142	0.00636	0.00665	0.0166	0.00314	11.2	0.00000584	0.000123	0.000203	0.000684	0.0352	0.00000615	2.15	0.00301	2.49	0.0507	0.00066	1.39	0.00364	0.00372	0.000167	0.000254	0.000154	0.0692	0.00000699	0.000353	0.000498	0.00241
2060 Mar	71.3	0.117	0.148	0.00302	15.4	0.0503	11.6	0.00000681	0.0144	0.00648	0.00668	0.0168	0.0032	11.3	0.00000587	0.000124	0.000205	0.000691	0.0356	0.00000621	2.17	0.00306	2.52	0.0516	0.000671	1.41	0.0037	0.00377	0.000164	0.000258	0.000156	0.0701	0.00000703	0.00036	0.000502	0.00242
2060 Apr	71.6	0.118	0.149	0.00304	15.4	0.0506	11.7	0.00000684	0.0144	0.00652	0.00671	0.0168	0.00322	11.4	0.00000587	0.000125	0.000206	0.000693	0.0357	0.00000624	2.18	0.00308	2.53	0.052	0.000675	1.41	0.00373	0.00401	0.00016	0.000259	0.000157	0.0704	0.00000705	0.000362	0.000505	0.00242
2060 May	71.4	0.117	0.148	0.00302	15.3	0.0507	11.7	0.00000687	0.0143	0.00648	0.00674	0.0168	0.0032	11.3	0.00000584	0.000125	0.000205	0.000691	0.0355	0.00000624	2.18	0.00306	2.53	0.0516	0.000671	1.42	0.00372	0.0043	0.000154	0.000257	0.000157	0.07	0.00000708	0.000359	0.000505	0.00242
2060 Jun	65.7	0.0998	0.126	0.00261	14.1	0.0487	10.5	0.00000646	0.0114	0.00532	0.00636	0.0162	0.00263	10.4	0.00000487	0.000111	0.000182	0.0006	0.0293	0.00000552	2.02	0.00262	2.43	0.0429	0.00056	1.38	0.00322	0.0037	0.0000699	0.000217	0.000134	0.0632	0.00000663	0.000298	0.000455	0.00214
2060 Jul	69.8	0.109	0.138	0.00283	15.1	0.0505	11.2	0.00000669	0.0125	0.00581	0.00657	0.0171	0.00289	11	0.0000051	0.000117	0.000196	0.000637	0.0322	0.00000585	2.14	0.00284	2.54	0.0474	0.000613	1.44	0.00348	0.00387	0.0000671	0.000233	0.000145	0.0677	0.00000686	0.000326	0.000478	0.00222
2060 Aug	65.2	0.101	0.127	0.00265	14.1	0.0479	10.4	0.00000661	0.0122	0.00539	0.0065	0.016	0.00268	10.3	0.00000493	0.000113	0.000186	0.00061	0.0315	0.00000563	2	0.00267	2.38	0.0441	0.000568	1.35	0.00325	0.00358	0.0000637	0.00022	0.000136	0.0631	0.00000677	0.000303	0.000463	0.00218
2060 Sep	62	0.0967	0.121	0.00255	13.3	0.0456	9.96	0.0000065	0.0121	0.00516	0.0064	0.015	0.00258	9.86	0.00000481	0.00011	0.000175	0.000595	0.0315	0.00000551	1.9	0.00258	2.24	0.0425	0.000548	1.27	0.00307	0.00334	0.0000616	0.000213	0.000132	0.0603	0.00000666	0.000294	0.000454	0.00214
2060 Oct	63.5	0.0998	0.125	0.00262	13.7	0.0466	10.2	0.00000653	0.0127	0.0053	0.00642	0.0152	0.00267	10.1	0.00000531	0.000112	0.000182	0.00062	0.0319	0.00000561	1.94	0.00265	2.29	0.0438	0.000564	1.29	0.00315	0.00336	0.000137	0.000223	0.000136	0.0619	0.0000067	0.000304	0.000461	0.00226
2060 Nov	65.8	0.104	0.131	0.00272	14.2	0.0479	10.6	0.0000066	0.0132	0.00555	0.00648	0.0156	0.0028	10.4	0.00000564	0.000115	0.00019	0.000644	0.0327	0.00000577	2.01	0.00276	2.36	0.0459	0.00059	1.33	0.00329	0.00346	0.000177	0.000233	0.000142	0.0642	0.00000678	0.000319	0.000471	0.00235
2060 Dec	67.8	0.109	0.137	0.00282	14.6	0.0487	11	0.00000667	0.0137	0.00579	0.00655	0.016	0.00293	10.8	0.00000573	0.000118	0.000196	0.000661	0.0338	0.00000593	2.07	0.00287	2.41	0.0481	0.000617	1.35	0.00343	0.00357	0.000173	0.000241	0.000147	0.0664	0.00000686	0.000333	0.000481	0.00237
2061 Jan	69.4	0.113	0.142	0.0029	15	0.0494	11.2	0.00000673	0.014	0.00599	0.0066	0.0164	0.00303	11	0.00000579	0.000121	0.0002	0.000673	0.0346	0.00000604	2.11	0.00295	2.46	0.0497	0.000637	1.38	0.00353	0.00366	0.000169	0.000248	0.000151	0.068	0.00000692	0.000344	0.000489	0.00239
2061 Feb	70.4	0.115	0.145	0.00295	15.2	0.0498	11.4	0.00000676	0.0142	0.00611	0.00664	0.0166	0.0031	11.2	0.00000582	0.000122	0.000203	0.000681	0.0351	0.00000612	2.14	0.003	2.48	0.0508	0.00065	1.39	0.0036	0.00372	0.000166	0.000252	0.000154	0.0691	0.00000696	0.000352	0.000494	0.0024
2061 Mar	71.2	0.117	0.147	0.00299	15.4	0.0502	11.6	0.0000068	0.0143	0.00622	0.00667	0.0167	0.00316	11.3	0.00000586	0.000124	0.000205	0.000688	0.0356	0.00000619	2.17	0.00305	2.51	0.0517	0.000661	1.4	0.00365	0.00376	0.000164	0.000255	0.000156	0.07	0.000007	0.000358	0.000499	0.00241
2061 Apr	71.5	0.118	0.148	0.00301	15.4	0.0504	11.6	0.00000682	0.0144	0.00626	0.00669	0.0168	0.00318	11.3	0.00000585	0.000124	0.000206	0.00069	0.0357	0.00000621	2.18	0.00306	2.52	0.052	0.000665	1.41	0.00368	0.00402	0.000159	0.000256	0.000157	0.0702	0.00000702	0.00036	0.000501	0.00241
2061 May	71.2	0.117	0.146	0.00299	15.3	0.0505	11.6	0.00000684	0.0142	0.00621	0.00671	0.0168	0.00315	11.3	0.00000581	0.000124	0.000204	0.000687	0.0353	0.0000062	2.17	0.00304	2.51	0.0516	0.000659	1.41	0.00366	0.00431	0.000153	0.000254	0.000156	0.0697	0.00000704	0.000357	0.0005	0.0024
2061 Jun	65.5	0.0991	0.124	0.00257	14	0.049	10.4	0.00000649	0.0118	0.00508	0.00637	0.0163	0.00257	10.3	0.00000489	0.000112	0.000181	0.000606	0.0292	0.00000565	2.04	0.00261	2.41	0.0428	0.000557	1.37	0.00317	0.00369	0.0000695	0.000222	0.000135	0.0629	0.0000067	0.000307	0.000461	0.00217
2061 Jul	69.2	0.107	0.135	0.00277	14.9	0.0507	11.1	0.00000671	0.0129	0.00551	0.00658	0.017	0.00281	10.9	0.00000512	0.000119	0.000195	0.000642	0.032	0.00000599	2.14	0.00281	2.51	0.0469	0.000606	1.42	0.00341	0.00384	0.000067	0.000238	0.000145	0.0669	0.00000693	0.000334	0.000484	0.00224
2061 Aug	64.8	0.0995	0.125	0.0026	14	0.0482	10.4	0.00000664	0.0126	0.00512	0.00652	0.016	0.00261	10.3	0.00000496	0.000115	0.000186	0.000616	0.0314	0.00000576	2.01	0.00265	2.36	0.0438	0.000563	1.34	0.00319	0.00356	0.0000638	0.000224	0.000137	0.0627	0.00000685	0.000312	0.00047	0.00221
2061 Sep	61.4	0.0952	0.119	0.0025	13.2	0.0458	9.86	0.00000652	0.0124	0.00488	0.00641	0.015	0.00251	9.76	0.00000483	0.000111	0.000174	0.000597	0.0312	0.00000561	1.9	0.00255	2.22	0.042	0.00054	1.27	0.003	0.00332	0.0000616	0.000216	0.000132	0.0596	0.00000672	0.0003	0.000458	0.00216
2061 Oct	62.9	0.0981	0.122	0.00256	13.5	0.0467	10.1	0.00000654	0.0129	0.00502	0.00642	0.0151	0.00259	9.98	0.00000531	0.000113	0.000181	0.000621	0.0316	0.00000569	1.94	0.00262	2.27	0.0433	0.000555	1.28	0.00308	0.00334	0.000136	0.000225	0.000136	0.0612	0.00000674	0.000308	0.000463	0.00227
2061 Nov	65.2	0.103	0.129	0.00266	14.1	0.0479	10.5	0.00000661	0.0135	0.00526	0.00648	0.0156	0.00272	10.3	0.00000564	0.000116	0.000189	0.000645	0.0325	0.00000584	2.01	0.00273	2.33	0.0455	0.000581	1.32	0.00322	0.00344	0.000176	0.000235	0.000141	0.0636	0.00000681	0.000323	0.000473	0.00236
2061 Dec	67.3	0.107	0.135	0.00276	14.5	0.0488	10.9	0.00000668	0.0139	0.0055	0.00655	0.016	0.00285	10.7	0.00000572	0.000119	0.000195	0.000661	0.0335	0.00000599	2.07	0.00283	2.39	0.0476	0.000607	1.35	0.00336	0.00355	0.000172	0.000243	0.000147	0.0658	0.0000069	0.000337	0.000483	0.00238
2062 Jan	68.8	0.111	0.139	0.00284	14.9	0.0494	11.1	0.00000674	0.0142	0.00568	0.00661	0.0163	0.00295	10.9	0.00000579	0.000121	0.000199	0.000674	0.0343	0.00000611	2.11	0.00292	2.43	0.0493	0.000627	1.37	0.00346	0.00363	0.000168	0.000249	0.000151	0.0674	0.00000696	0.000348	0.000491	0.0024
2062 Feb	69.8	0.114	0.142	0.00289	15.1	0.0499	11.3	0.00000678	0.0144	0.00581	0.00664	0.0165	0.00302	11.1	0.00000582	0.000123	0.000202	0.000682	0.0349	0.00000619	2.14	0.00297	2.46	0.0504	0.00064	1.38	0.00352	0.00369	0.000165	0.000253	0.000154	0.0685	0.000007	0.000355	0.000496	0.00241
2062 Mar	70.7	0.116	0.144	0.00293	15.3	0.0502	11.4	0.00000681	0.0146	0.00591	0.00667	0.0167	0.00308	11.2	0.00000586	0.000124	0.000204	0.000689	0.0353	0.00000625	2.17	0.00301	2.48	0.0513	0.000651	1.39	0.00358	0.00374	0.000163	0.000256	0.000156	0.0694	0.00000703	0.000361	0.000501	0.00242
2062 Apr	71	0.116	0.145	0.00295	15.3	0.0505	11.5	0.00000683	0.0146	0.00595	0.00669	0.0167	0.0031	11.2	0.00000585	0.000125	0.000205	0.000691	0.0354	0.00000628	2.18	0.00303	2.49	0.0516	0.000655	1.4	0.00361	0.00399	0.000158	0.000257	0.000157	0.0697	0.00000705	0.000363	0.000503	0.00242
2062 May	70.7	0.116	0.144	0.00293	15.2	0.0506	11.5	0.00000685	0.0144	0.0059	0.00672	0.0167	0.00307	11.2	0.00000582	0.000124	0.000203	0.000688	0.0351	0.00000626	2.17	0.00301	2.49	0.0511	0.000649	1.4	0.00359	0.00429	0.000153	0.000255	0.000156	0.0692	0.00000707	0.00036	0.000502	0.00241
2062 Jun	65.9	0.1	0.125	0.00258	14.1	0.0487	10.5	0.00000646	0.0116	0.00495	0.00635	0.0163	0.00257	10.4	0.00000488	0.000111	0.000183	0.000601	0.0294	0.00000554	2.03	0.00262	2.42	0.0434	0.00055	1.38	0.00316	0.00371	0.0000704	0.000216	0.000134	0.0633	0.00000662	0.0003	0.000453	0.00214
2062 Jul	70.4	0.111	0.139	0.00282	15.2	0.0509	11.2	0.00000674	0.013	0.00546	0.00661	0.0172	0.00286	11.1	0.00000518	0.00012	0.000199	0.000648	0.0328	0.00000602	2.17	0.00287	2.54	0.0485	0.000612	1.44	0.00346	0.00389	0.0000682	0.000239	0.000148	0.0683	0.00000693	0.000339	0.000485	0.00225
2062 Aug	65.4	0.101	0.126	0.00261	14.1	0.0484	10.4	0.00000667	0.0128	0.00501	0.00655	0.0161	0.00263	10.4	0.00000501	0.000116	0.000188	0.000622	0.0319	0.00000584	2.03	0.00268	2.37	0.0447	0.000567	1.35	0.00321	0.00359	0.0000647	0.000227	0.000139	0.0633	0.00000688	0.000318	0.000473	0.00222
2062 Sep	61.8	0.0958	0.119	0.00249	13.3	0.0464	9.92	0.00000659	0.0131	0.00473	0.00646	0.0151	0.00249	9.82	0.00000491	0.000115	0.000176	0.000611	0.0315	0.00000583	1.94	0.00258	2.22	0.0425	0.000547	1.27	0.003	0.00334	0.0000625	0.000226	0.000135	0.06	0.00000684	0.000316	0.00047	0.0022
2062 Oct	63.2	0.0983	0.122	0.00254	13.6	0.0475	10.2	0.00000664	0.0138	0.00484	0.00649	0.0153	0.00256	10	0.00000541	0.000118	0.000182	0.000639	0.0319	0.00000599	1.99	0.00264	2.26	0.0437	0.000564	1.28	0.00307	0.00336	0.000137	0.000238	0.00014	0.0614	0.00000692	0.00033	0.00048	0.00234
2062 Nov	65.4	0.103	0.128	0.00263	14.1	0.0489	10.6	0.00000672	0.0145	0.00506	0.00656	0.0157	0.00268	10.4	0.00000576	0.000121	0.00019	0.000666	0.0327	0.00000618	2.06	0.00274	2.33	0.0458	0.000591	1.32	0.00321	0.00346	0.000178	0.000249	0.000145	0.0638	0.00000702	0.000347	0.000492	0.00243
2062 Dec	67.4	0.107	0.133	0.00273	14.6	0.0499	10.9	0.0000068	0.0149	0.00528	0.00663	0.0162	0.00281	10.7	0.00000585	0.000124	0.000196	0.000683	0.0337	0.00000636	2.12	0.00285	2.39	0.0479	0.000618	1.35	0.00334	0.00357	0.000173	0.000258	0.000151	0.0659	0.00000711	0.000363	0.000504	0.00246
2063 Jan	68.9	0.111	0.138	0.00281	14.9	0.0506	11.2	0.00000686	0.0153	0.00546	0.00669	0.0165	0.00291	10.9	0.00000591	0.000127	0.0002	0.000697	0.0345	0.0000065	2.17	0.00293	2.43	0.0495	0.000638	1.37	0.00344	0.00365	0.000169	0.000265	0.000155	0.0675	0.00000718	0.000375	0.000512	0.00248
2063 Feb	69.9	0.113	0.141	0.00285	15.1	0.051	11.3	0.0000069	0.0155	0.00557	0.00672	0.0167	0.00297	11.1	0.00000595	0.000129	0.000203	0.000705	0.0351	0.00000658	2.2	0.00298	2.46	0.0506	0.000651	1.38	0.0035	0.00371	0.000167	0.00027	0.000158	0.0685	0.00000723	0.000383	0.000518	0.00249
2063 Mar	70.8	0.115	0.143	0.00289	15.3	0.0514	11.5	0.00000693	0.0157	0.00567	0.00675	0.0169	0.00303	11.2	0.00000599	0.00013	0.000205	0.000712	0.0355	0.00000666	2.23	0.00303	2.48	0.0515	0.000662	1.39	0.00355	0.00375	0.000164	0.000273	0.00016	0.0694	0.00000727	0.00039	0.000523	0.0025
2063 Apr	71	0.116	0.143	0.00291	15.3	0.0516	11.5	0.00000695	0.0158	0.0057	0.00677	0.0169	0.00305	11.3	0.00000598	0.000131	0.000206	0.000714	0.0356	0.00000669	2.23	0.00304	2.49	0.0518	0.000665	1.4	0.00358	0.00402	0.000159	0.000274	0.000161	0.0696	0.00000729	0.000392	0.000525	0.0025
2063 May	70.6	0.115	0.142	0.00288	15.2	0.0517	11.5	0.00000697	0.0156	0.00564	0.0068	0.0169	0.00301	11.2	0.00000593	0.00013	0.000204	0.00071	0.0352	0.00000666	2.22	0.00302	2.48	0.0512	0.000658	1.4	0.00355	0.00432	0.000153	0.000272	0.00016	0.069	0.00000731	0.000388	0.000524	0.0025
2063 Jun	65.2	0.0977	0.121	0.0025	14	0.0499	10.4	0.00000658	0.0128	0.00464	0.00643	0.0163	0.00247	10.3	0.00000498	0.000117	0.000181	0.000622	0.0291	0.00000598	2.08	0.00259	2.39	0.0426	0.000556	1.37	0.00309	0.00368	0.00007	0.000234	0.000137	0.0624	0.00000688	0.000329	0.000477	0.00223
2063 Jul	68.7	0.106	0.131	0.00268	14.8	0.0514	11	0.0000068	0.0138	0.00502	0.00663	0.017	0.00269	10.8	0.0000052	0.000123	0.000194	0.000656	0.0318	0.00000629	2.18	0.00279	2.49	0.0466	0.0006	1.41	0.00332	0.00382	0.0000676	0.000249	0.000147	0.0663	0.00000711	0.000355	0.000499	0.0023
2063 Aug	64.2	0.0976	0.121	0.00251	13.9	0.0488	10.2	0.00000671	0.0134	0.00466	0.00656	0.016	0.0025	10.2	0.00000502	0.000118	0.000185	0.000627	0.0312	0.00000602	2.04	0.00262	2.34	0.0434	0.000556	1.33	0.0031	0.00354	0.0000642	0.000234	0.000138	0.062	0.00000699	0.000329	0.000482	0.00225
2063 Sep	60.9	0.0936	0.115	0.00242	13.1	0.0461	9.75	0.00000657	0.0131	0.00445	0.00643	0.0149	0.0024	9.67	0.00000487	0.000114	0.000173	0.000605	0.031	0.0000058	1.92	0.00252	2.19	0.0417	0.000532	1.25	0.00291	0.00329	0.0000619	0.000223	0.000134	0.059	0.00000682	0.000313	0.000467	0.0022
2063 Oct	62.6	0.097	0.12	0.00249	13.5	0.047	10	0.00000658	0.0135	0.0046	0.00644	0.0151	0.00249	9.92	0.00000536	0.000115	0.00018	0.000628	0.0315	0.00000587	1.96	0.0026	2.24	0.0432	0.000548	1.27	0.003	0.00332	0.000137	0.000231	0.000137	0.0608	0.00000684	0.000321	0.000471	0.00231
2063 Nov	64.9	0.102	0.126	0.00259	14	0.0483	10.4	0.00000665	0.014	0.00482	0.0065	0.0156	0.00262	10.3	0.00000569	0.000118	0.000189	0.000652	0.0324	0.00000601	2.03	0.0027	2.31	0.0454	0.000573	1.31	0.00314	0.00342	0.000178	0.00024	0.000143	0.0632	0.0000069	0.000335	0.00048	0.00239
2063 Dec	66.9	0.106	0.132	0.00269	14.5	0.0491	10.8	0.00000672	0.0144	0.00504	0.00657	0.016	0.00274	10.6	0.00000578	0.000121	0.000194	0.000669	0.0334	0.00000617	2.09	0.00281	2.37	0.0475	0.000598	1.34	0.00327	0.00354	0.000173	0.000248	0.000148	0.0654	0.00000699	0.000349	0.00049	0.00241
2064 Jan	68.5	0.11	0.136	0.00276	14.8	0.0498	11	0.00000678	0.0148	0.00521	0.00662	0.0163	0.00284	10.8	0.00000584	0.000123	0.000198	0.000681	0.0342	0.00000629	2.13	0.00289	2.41	0.0492	0.000618	1.36	0.00337	0.00362	0.000169	0.000255	0.000152	0.067	0.00000705	0.00036	0.000498	0.00243
2064 Feb	69.5	0.112	0.139	0.00281	15	0.0502	11.2	0.00000681	0.015	0.00532	0.00666	0.0165	0.00291	11	0.00000587	0.000125	0.000201	0.000689	0.0348	0.00000637	2.16	0.00294	2.44	0.0503	0.00063	1.37	0.00343	0.00368	0.000167	0.000259	0.000155	0.0681	0.00000709	0.000368	0.000503	0.00244
2064 Mar	70.4	0.114	0.141	0.00286	15.2	0.0506	11.4	0.00000685	0.0152	0.00542	0.00669	0.0167	0.00296	11.1	0.00000591	0.000126	0.000204	0.000696	0.0352	0.00000644	2.19	0.00299	2.46	0.0512	0.000641	1.39	0.00349	0.00373	0.000164	0.000262	0.000157	0.069	0.00000712	0.000374	0.000508	0.00245
2064 Apr	70.7	0.115	0.142	0.00287	15.2	0.0508	11.4	0.00000687	0.0152	0.00545	0.00671	0.0168	0.00298	11.2	0.0000059	0.000127	0.000204	0.000698	0.0353	0.00000646	2.19	0.003	2.47	0.0516	0.000645	1.39	0.00351	0.00399	0.00016	0.000263	0.000158	0.0692	0.00000714	0.000376	0.00051	0.00245
2064 May	70.4	0.114	0.141	0.00285	15.1	0.0509	11.4	0.00000689	0.015	0.00541	0.00673	0.0167	0.00296	11.1	0.00000586	0.000126	0.000203	0.000695	0.035	0.00000644	2.19	0.00299	2.47	0.0511	0.000639	1.39	0.0035	0.00429	0.000153	0.000261	0.000157	0.0688	0.00000716	0.000372	0.000509	0.00244
2064 Jun	65.4	0.098	0.121	0.00249	14	0.0498	10.4	0.00000657	0.0128	0.00448	0.00642	0.0164	0.00244	10.3	0.00000498	0.000116	0.000182	0.00062	0.0292	0.00000595	2.08	0.00259	2.39	0.0429	0.00055	1.37	0.00307	0.00369	0.0000701	0.000232	0.000137	0.0626	0.00000686	0.000328	0.000474	0.00222
2064 Jul	69	0.106	0.132	0.00267	14.9	0.0515	11	0.00000681	0.014	0.00485	0.00664	0.0171	0.00266	10.9	0.00000522	0.000124	0.000195	0.000659	0.032	0.00000634	2.19	0.00279	2.49	0.047	0.000599	1.42	0.0033	0.00383	0.0000679	0.000251	0.000148	0.0666	0.00000713	0.000359	0.000501	0.00231
2064 Aug	64.1	0.0973	0.12	0.00249	13.8	0.0487	10.2	0.00000671	0.0135	0.00447	0.00656	0.0159	0.00245	10.1	0.00000502	0.000118	0.000185	0.000627	0.0312	0.00000604	2.03	0.00261	2.32	0.0435	0.000551	1.33	0.00307	0.00353	0.0000643	0.000234	0.000139	0.0619	0.00000699	0.000331	0.000482	0.00226
2064 Sep	60.8	0.0935	0.115	0.00239	13.1	0.046	9.71	0.00000656	0.0132	0.00427	0.00642	0.0149	0.00236	9.64	0.00000487	0.000114	0.000173	0.000605	0.031	0.00000582	1.92	0.00251	2.18	0.0418	0.000527	1.25	0.00288	0.00328	0.000062	0.000223	0.000134	0.0589	0.00000682	0.000314	0.000466	0.00219
2064 Oct	62.7	0.0973	0.12	0.00247	13.5	0.0471	10	0.00000657	0.0137	0.00443	0.00643	0.0151	0.00246	9.92	0.00000545	0.000115	0.000181	0.000632	0.0315	0.0000059	1.97	0.00259	2.24	0.0435	0.000544	1.27	0.00297	0.00332	0.000153	0.000232	0.000138	0.0609	0.00000683	0.000324	0.000471	0.00233
2064 Nov	65.2	0.102	0.126	0.00258	14.1	0.0485	10.5	0.00000664	0.0142	0.00466	0.00649	0.0156	0.00259	10.3	0.00000583	0.000118	0.000191	0.000658	0.0324	0.00000605	2.04	0.00271	2.31	0.0458	0.000571	1.31	0.00313	0.00343	0.000199	0.000242	0.000144	0.0636	0.0000069	0.000339	0.000481	0.00242
2064 Dec	67.3	0.107	0.132	0.00268	14.5	0.0494	10.8	0.00000672	0.0147	0.00487	0.00656	0.0161	0.00272	10.6	0.0000059	0.000122	0.000196	0.000674	0.0335	0.00000621	2.1	0.00281	2.37	0.048	0.000596	1.34	0.00326	0.00354	0.000192	0.000251	0.000149	0.0657	0.00000699	0.000354	0.000491	0.00244
2065 Jan	68.9	0.111	0.136	0.00275	14.9	0.0501	11.1	0.00000677	0.015	0.00504	0.00662	0.0164	0.00282	10.9	0.00000595	0.000124	0.000201	0.000687	0.0343	0.00000634	2.15	0.0029	2.41	0.0498	0.000617	1.36	0.00336	0.00363	0.000186	0.000257	0.000154	0.0674	0.00000705	0.000365	0.000499	0.00245
2065 Feb	69.9	0.113	0.139	0.0028	15.1	0.0505	11.3	0.00000681	0.0152	0.00515	0.00665	0.0166	0.00289	11.1	0.00000599	0.000126	0.000203	0.000695	0.0349	0.00000642	2.18	0.00295	2.44	0.0509	0.00063	1.38	0.00343	0.00369	0.000182	0.000261	0.000156	0.0685	0.0000071	0.000373	0.000505	0.00246
2065 Mar	70.8	0.115	0.142	0.00285	15.3	0.0508	11.4	0.00000685	0.0154	0.00525	0.00668	0.0168	0.00294	11.2	0.00000601	0.000127	0.000206	0.000702	0.0353	0.00000649	2.2	0.003	2.46	0.0519	0.00064	1.39	0.00348	0.00374	0.000179	0.000264	0.000159	0.0694	0.00000713	0.000379	0.000509	0.00247
2065 Apr	71.1	0.116	0.142	0.00286	15.3	0.0511	11.5	0.00000687	0.0154	0.00528	0.0067	0.0168	0.00296	11.2	0.000006	0.000127	0.000206	0.000703	0.0354	0.00000652	2.21	0.00301	2.47	0.0522	0.000644	1.4	0.0035	0.00401	0.000173	0.000265	0.00016	0.0696	0.00000715	0.000381	0.000511	0.00247
2065 May	70.8	0.115	0.141	0.00284	15.2	0.0512	11.4	0.00000689	0.0152	0.00524	0.00673	0.0168	0.00294	11.2	0.00000595	0.000127	0.000205	0.0007	0.0351	0.0000065	2.2	0.003	2.47	0.0517	0.000638	1.4	0.00349	0.00432	0.000165	0.000263	0.000159	0.0692	0.00000717	0.000378	0.000511	0.00246
2065 Jun	64.7	0.0969	0.119	0.00244	13.8	0.0489	10.2	0.00000647	0.0121	0.00426	0.00634	0.0161	0.00238	10.1	0.00000489	0.000112	0.00018	0.000602	0.0288	0.00000571	2.03	0.00254	2.37	0.0425	0.000528	1.36	0.003	0.00366	0.0000705	0.00022	0.000134	0.0619	0.0000067	0.00031	0.000458	0.00216
2065 Jul	68.4	0.105	0.13	0.00263	14.8	0.0505	10.8	0.00000669	0.0131	0.00463	0.00655	0.0169	0.0026	10.8	0.00000511	0.000118	0.000194	0.000636	0.0316	0.00000602	2.13	0.00274	2.47	0.0466	0.000573	1.41	0.00323	0.0038	0.0000674	0.000235	0.000144	0.066	0.00000692	0.000336	0.00048	0.00224
2065 Aug	64.1	0.0975	0.12	0.00247	13.8	0.0481	10.1	0.00000662	0.0127	0.00431	0.00649	0.0159	0.00242	10.1	0.00000494	0.000114	0.000185	0.00061	0.031	0.00000579	2	0.00258	2.32	0.0435	0.000533	1.33	0.00303	0.00353	0.0000641	0.000221	0.000136	0.0618	0.00000683	0.000312	0.000465	0.0022
2065 Sep	60.5	0.0927	0.113	0.00236	13	0.0454	9.6	0.00000648	0.0124	0.00408	0.00636	0.0148	0.0023	9.57	0.00000478	0.00011	0.000172	0.000587	0.0306	0.00000557	1.88	0.00247	2.18	0.0414	0.000505	1.25	0.00283	0.00327	0.0000615	0.00021	0.00013	0.0585	0.00000667	0.000296	0.00045	0.00214
2065 Oct	62.2	0.0964	0.118	0.00243	13.4	0.0463	9.9	0.0000065	0.013	0.00423	0.00638	0.015	0.0024	9.83	0.00000529	0.000111	0.00018	0.000613	0.0312	0.00000567	1.92	0.00255	2.22	0.0431	0.000524	1.27	0.00292	0.0033	0.000139	0.00022	0.000135	0.0604	0.0000067	0.000306	0.000456	0.00226
2065 Nov	64.7	0.101	0.124	0.00254	13.9	0.0477	10.3	0.00000658	0.0136	0.00444	0.00645	0.0155	0.00253	10.2	0.00000564	0.000115	0.000188	0.000639	0.0322	0.00000584	2	0.00266	2.29	0.0454	0.00055	1.3	0.00306	0.00341	0.00018	0.00023	0.00014	0.0629	0.00000678	0.000322	0.000467	0.00234
2065 Dec	66.8	0.106	0.13	0.00264	14.4	0.0486	10.7	0.00000665	0.014	0.00465	0.00652	0.0159	0.00266	10.5	0.00000572	0.000118	0.000194	0.000656	0.0332	0.00000601	2.06	0.00277	2.35	0.0477	0.000576	1.33	0.00319	0.00352	0.000175	0.000239	0.000146	0.0652	0.00000687	0.000337	0.000477	0.00237
2066 Jan	68.4	0.11	0.135	0.00272	14.8	0.0493	10.9	0.00000671	0.0144	0.00481	0.00657	0.0162	0.00276	10.8	0.00000579	0.00012	0.000199	0.000669	0.0341	0.00000614	2.11	0.00286	2.39	0.0494	0.000597	1.36	0.00329	0.00361	0.00017	0.000245	0.000151	0.0669	0.00000693	0.00035	0.000486	0.00239
2066 Feb	69.5	0.112	0.138	0.00277	15	0.0497	11.1	0.00000675	0.0146	0.00492	0.00661	0.0164	0.00282	11	0.00000583	0.000122	0.000201	0.000678	0.0346	0.00000622	2.14	0.00291	2.42	0.0506	0.00061	1.37	0.00336	0.00367	0.000167	0.00025	0.000154	0.068	0.00000698	0.000358	0.000492	0.0024

Appendix C12: A12 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	70.3	0.115	0.14	0.00281	15.2	0.0501	11.3	0.00000679	0.0148	0.00501	0.00664	0.0166	0.00288	11.1	0.00000586	0.000124	0.000204	0.000685	0.0351	0.0000063	2.16	0.00296	2.45	0.0515	0.000621	1.38	0.00341	0.00372	0.000164	0.000253	0.000156	0.0689	0.00000702	0.000364	0.000496	0.00241
2066 Apr	70.6	0.115	0.141	0.00282	15.2	0.0503	11.3	0.00000681	0.0148	0.00504	0.00666	0.0167	0.0029	11.1	0.00000585	0.000124	0.000204	0.000687	0.0352	0.00000633	2.17	0.00297	2.45	0.0518	0.000624	1.39	0.00344	0.00402	0.000159	0.000254	0.000157	0.0691	0.00000704	0.000366	0.000498	0.00241
2066 May	70.1	0.114	0.139	0.00279	15	0.0505	11.3	0.00000683	0.0146	0.00499	0.00668	0.0166	0.00286	11.1	0.0000058	0.000124	0.000202	0.000683	0.0348	0.0000063	2.16	0.00295	2.45	0.0512	0.000617	1.39	0.00341	0.00436	0.000152	0.000252	0.000155	0.0684	0.00000706	0.000362	0.000498	0.0024
2066 Jun	64.6	0.0965	0.118	0.00242	13.8	0.0489	10.2	0.00000648	0.0122	0.00409	0.00634	0.0161	0.00233	10.1	0.00000489	0.000112	0.000179	0.000602	0.0288	0.00000573	2.03	0.00253	2.36	0.0424	0.000523	1.35	0.00296	0.00366	0.0000697	0.00022	0.000134	0.0618	0.00000671	0.000311	0.000458	0.00217
2066 Jul	68.2	0.105	0.128	0.0026	14.7	0.0505	10.8	0.00000669	0.0132	0.00443	0.00655	0.0168	0.00255	10.7	0.00000511	0.000119	0.000193	0.000636	0.0315	0.00000606	2.13	0.00272	2.45	0.0465	0.000567	1.4	0.00319	0.00379	0.0000671	0.000235	0.000144	0.0658	0.00000694	0.000338	0.00048	0.00224
2066 Aug	63.6	0.0963	0.118	0.00243	13.7	0.0479	10	0.00000661	0.0128	0.0041	0.00648	0.0158	0.00236	10	0.00000493	0.000114	0.000183	0.000608	0.0308	0.0000058	1.99	0.00256	2.3	0.0432	0.000525	1.32	0.00297	0.00351	0.0000638	0.00022	0.000135	0.0613	0.00000683	0.000312	0.000464	0.00219
2066 Sep	60.4	0.0926	0.113	0.00234	13	0.0453	9.57	0.00000648	0.0126	0.00392	0.00636	0.0148	0.00227	9.55	0.0000048	0.00011	0.000172	0.000589	0.0307	0.00000562	1.88	0.00247	2.16	0.0416	0.000503	1.24	0.00279	0.00327	0.0000616	0.000212	0.000131	0.0585	0.00000669	0.000299	0.000452	0.00214
2066 Oct	62.4	0.0965	0.118	0.00242	13.4	0.0465	9.91	0.00000651	0.0132	0.00407	0.00638	0.015	0.00237	9.84	0.00000538	0.000112	0.00018	0.000619	0.0313	0.00000573	1.94	0.00255	2.22	0.0434	0.000523	1.27	0.00289	0.0033	0.00015	0.000222	0.000136	0.0605	0.00000672	0.000312	0.000458	0.00228
2066 Nov	64.9	0.101	0.124	0.00252	14	0.048	10.3	0.00000658	0.0139	0.00428	0.00645	0.0155	0.0025	10.2	0.00000575	0.000116	0.00019	0.000646	0.0322	0.00000591	2.01	0.00267	2.29	0.0457	0.00055	1.3	0.00304	0.00341	0.000195	0.000234	0.000142	0.0632	0.0000068	0.000328	0.000469	0.00237
2066 Dec	67	0.106	0.13	0.00262	14.5	0.0488	10.7	0.00000666	0.0143	0.00448	0.00651	0.0159	0.00262	10.6	0.00000582	0.000119	0.000195	0.000662	0.0333	0.00000607	2.07	0.00277	2.35	0.048	0.000575	1.33	0.00317	0.00353	0.000189	0.000242	0.000147	0.0653	0.00000689	0.000343	0.00048	0.0024
2067 Jan	68.6	0.11	0.134	0.0027	14.8	0.0495	10.9	0.00000672	0.0147	0.00464	0.00657	0.0163	0.00272	10.8	0.00000588	0.000121	0.0002	0.000675	0.0341	0.0000062	2.12	0.00286	2.39	0.0497	0.000595	1.36	0.00327	0.00362	0.000183	0.000248	0.000152	0.067	0.00000696	0.000355	0.000488	0.00241
2067 Feb	69.7	0.113	0.137	0.00275	15	0.05	11.1	0.00000676	0.0149	0.00474	0.00661	0.0165	0.00278	11	0.00000591	0.000123	0.000202	0.000683	0.0347	0.00000629	2.15	0.00291	2.42	0.0509	0.000608	1.37	0.00334	0.00368	0.000179	0.000252	0.000154	0.0682	0.000007	0.000363	0.000494	0.00242
2067 Mar	70.5	0.115	0.14	0.00279	15.2	0.0503	11.3	0.00000679	0.0151	0.00483	0.00664	0.0167	0.00284	11.1	0.00000594	0.000124	0.000205	0.00069	0.0352	0.00000636	2.18	0.00296	2.44	0.0518	0.000619	1.38	0.00339	0.00373	0.000176	0.000256	0.000157	0.0691	0.00000704	0.000369	0.000498	0.00243
2067 Apr	70.7	0.115	0.14	0.0028	15.2	0.0506	11.3	0.00000681	0.0151	0.00485	0.00666	0.0167	0.00285	11.1	0.00000593	0.000125	0.000205	0.000692	0.0352	0.00000639	2.18	0.00297	2.45	0.0521	0.000622	1.39	0.00341	0.00402	0.00017	0.000256	0.000158	0.0692	0.00000706	0.000371	0.0005	0.00243
2067 May	70.4	0.114	0.139	0.00278	15.1	0.0507	11.3	0.00000684	0.0149	0.00481	0.00668	0.0167	0.00283	11.1	0.00000588	0.000125	0.000204	0.000688	0.0349	0.00000637	2.18	0.00295	2.45	0.0516	0.000616	1.39	0.0034	0.00437	0.000161	0.000255	0.000157	0.0687	0.00000708	0.000368	0.0005	0.00242
2067 Jun	64.3	0.0959	0.117	0.00238	13.8	0.0487	10.1	0.00000645	0.0121	0.00391	0.00632	0.0161	0.00228	10.1	0.00000486	0.000111	0.000179	0.000597	0.0286	0.00000568	2.02	0.0025	2.35	0.0423	0.000513	1.35	0.00292	0.00365	0.00007	0.000217	0.000133	0.0615	0.00000667	0.000307	0.000454	0.00215
2067 Jul	68.3	0.105	0.128	0.00258	14.7	0.0504	10.7	0.00000667	0.0132	0.00426	0.00653	0.0168	0.00251	10.7	0.00000509	0.000118	0.000193	0.000633	0.0315	0.00000602	2.13	0.00271	2.45	0.0467	0.000561	1.4	0.00316	0.0038	0.0000674	0.000232	0.000144	0.0658	0.0000069	0.000335	0.000477	0.00223
2067 Aug	63.6	0.0963	0.117	0.00241	13.7	0.0477	10	0.00000659	0.0128	0.00395	0.00646	0.0157	0.00232	10	0.00000491	0.000113	0.000183	0.000605	0.0308	0.00000576	1.98	0.00255	2.29	0.0433	0.000518	1.32	0.00294	0.0035	0.0000639	0.000218	0.000135	0.0613	0.0000068	0.00031	0.000461	0.00218
2067 Sep	60.3	0.0925	0.112	0.00232	13	0.0452	9.53	0.00000647	0.0126	0.00377	0.00634	0.0147	0.00223	9.53	0.00000479	0.00011	0.000172	0.000588	0.0307	0.0000056	1.88	0.00246	2.16	0.0417	0.000497	1.24	0.00277	0.00326	0.0000617	0.00021	0.000131	0.0584	0.00000667	0.000298	0.00045	0.00214
2067 Oct	62.1	0.096	0.116	0.00239	13.4	0.0464	9.84	0.00000649	0.0132	0.0039	0.00636	0.015	0.00231	9.79	0.00000536	0.000112	0.00018	0.000616	0.0312	0.00000571	1.93	0.00253	2.21	0.0433	0.000515	1.26	0.00285	0.00329	0.00015	0.000221	0.000135	0.0603	0.0000067	0.00031	0.000456	0.00227
2067 Nov	64.7	0.101	0.123	0.00249	13.9	0.0478	10.2	0.00000656	0.0138	0.0041	0.00643	0.0155	0.00244	10.2	0.00000572	0.000115	0.000189	0.000642	0.0321	0.00000588	2	0.00264	2.28	0.0456	0.000541	1.3	0.003	0.0034	0.000193	0.000231	0.000141	0.0629	0.00000678	0.000326	0.000466	0.00236
2067 Dec	66.7	0.106	0.128	0.00259	14.4	0.0487	10.6	0.00000664	0.0143	0.00429	0.0065	0.0159	0.00256	10.5	0.00000579	0.000118	0.000194	0.000658	0.0332	0.00000604	2.06	0.00275	2.34	0.0479	0.000566	1.33	0.00313	0.00352	0.000187	0.000239	0.000146	0.065	0.00000686	0.000341	0.000477	0.00238
2068 Jan	68.3	0.109	0.133	0.00266	14.7	0.0493	10.9	0.0000067	0.0146	0.00444	0.00655	0.0162	0.00266	10.8	0.00000585	0.000121	0.000199	0.000671	0.034	0.00000617	2.11	0.00283	2.38	0.0496	0.000586	1.35	0.00322	0.00361	0.000181	0.000246	0.000151	0.0667	0.00000693	0.000353	0.000485	0.0024
2068 Feb	69.4	0.112	0.136	0.00271	15	0.0498	11	0.00000674	0.0149	0.00454	0.00659	0.0164	0.00272	10.9	0.00000589	0.000122	0.000202	0.000679	0.0346	0.00000626	2.14	0.00289	2.41	0.0508	0.000599	1.36	0.00329	0.00366	0.000177	0.00025	0.000154	0.0678	0.00000697	0.00036	0.00049	0.00241
2068 Mar	70.2	0.114	0.138	0.00275	15.2	0.0501	11.2	0.00000677	0.015	0.00462	0.00662	0.0166	0.00278	11.1	0.00000591	0.000124	0.000204	0.000686	0.035	0.00000633	2.17	0.00293	2.43	0.0517	0.000609	1.38	0.00334	0.00371	0.000174	0.000253	0.000156	0.0687	0.00000701	0.000367	0.000495	0.00242
2068 Apr	70.4	0.115	0.138	0.00276	15.2	0.0503	11.2	0.00000679	0.015	0.00464	0.00663	0.0166	0.00279	11.1	0.00000589	0.000124	0.000204	0.000687	0.035	0.00000635	2.17	0.00294	2.43	0.0519	0.000611	1.38	0.00336	0.00403	0.000168	0.000254	0.000157	0.0688	0.00000703	0.000368	0.000496	0.00241
2068 May	69.7	0.113	0.136	0.00272	14.9	0.0504	11.2	0.0000068	0.0148	0.00457	0.00665	0.0166	0.00275	11	0.00000582	0.000123	0.000202	0.000681	0.0345	0.00000631	2.16	0.00291	2.42	0.0511	0.000602	1.38	0.00333	0.00438	0.000159	0.00025	0.000155	0.068	0.00000704	0.000363	0.000495	0.0024
2068 Jun	64.3	0.0957	0.116	0.00236	13.7	0.0486	10.1	0.00000644	0.0121	0.00376	0.00631	0.016	0.00224	10	0.00000485	0.000111	0.000179	0.000596	0.0286	0.00000568	2.01	0.0025	2.34	0.0424	0.000508	1.35	0.00289	0.00364	0.0000693	0.000216	0.000133	0.0614	0.00000666	0.000307	0.000452	0.00215
2068 Jul	67.8	0.104	0.126	0.00254	14.6	0.0501	10.6	0.00000665	0.0132	0.00407	0.00651	0.0167	0.00244	10.6	0.00000507	0.000117	0.000192	0.00063	0.0314	0.00000599	2.11	0.00269	2.43	0.0464	0.000551	1.39	0.00311	0.00377	0.0000672	0.00023	0.000143	0.0653	0.00000688	0.000333	0.000474	0.00222
2068 Aug	63.7	0.0964	0.117	0.00239	13.7	0.0479	9.99	0.00000659	0.0128	0.0038	0.00646	0.0158	0.00228	10	0.00000492	0.000113	0.000184	0.000605	0.0308	0.00000577	1.99	0.00254	2.3	0.0435	0.000514	1.32	0.00292	0.00352	0.0000642	0.000217	0.000135	0.0613	0.0000068	0.000311	0.00046	0.00218
2068 Sep	59.9	0.0914	0.11	0.00228	12.9	0.045	9.43	0.00000644	0.0125	0.00359	0.00632	0.0146	0.00216	9.45	0.00000475	0.000108	0.000171	0.000581	0.0304	0.00000554	1.86	0.00242	2.14	0.0412	0.000486	1.23	0.00271	0.00324	0.0000614	0.000206	0.000129	0.0578	0.00000663	0.000293	0.000445	0.00212
2068 Oct	61.9	0.0954	0.115	0.00235	13.3	0.0461	9.76	0.00000646	0.013	0.00373	0.00634	0.0149	0.00226	9.74	0.00000531	0.00011	0.000179	0.000609	0.031	0.00000564	1.91	0.00251	2.2	0.0431	0.000505	1.26	0.00281	0.00327	0.000148	0.000216	0.000134	0.06	0.00000665	0.000305	0.00045	0.00225
2068 Nov	64.4	0.1	0.121	0.00246	13.9	0.0475	10.2	0.00000653	0.0136	0.00392	0.0064	0.0154	0.00239	10.1	0.00000567	0.000114	0.000188	0.000635	0.032	0.00000581	1.99	0.00262	2.27	0.0455	0.000531	1.29	0.00296	0.00339	0.000189	0.000227	0.00014	0.0626	0.00000673	0.00032	0.000461	0.00234
2068 Dec	66.4	0.105	0.127	0.00255	14.3	0.0483	10.5	0.00000661	0.0141	0.0041	0.00647	0.0158	0.0025	10.4	0.00000574	0.000117	0.000193	0.000651	0.033	0.00000596	2.04	0.00272	2.32	0.0477	0.000555	1.32	0.00308	0.0035	0.000183	0.000234	0.000145	0.0647	0.00000681	0.000335	0.000471	0.00236
2069 Jan	68	0.109	0.131	0.00262	14.7	0.049	10.8	0.00000666	0.0144	0.00425	0.00652	0.0161	0.0026	10.7	0.00000579	0.000119	0.000198	0.000663	0.0338	0.00000609	2.09	0.0028	2.36	0.0494	0.000574	1.34	0.00317	0.00359	0.000178	0.00024	0.000149	0.0663	0.00000687	0.000346	0.000478	0.00237
2069 Feb	69	0.111	0.134	0.00267	14.9	0.0494	10.9	0.0000067	0.0146	0.00434	0.00655	0.0163	0.00266	10.8	0.00000583	0.00012	0.000201	0.000671	0.0344	0.00000617	2.12	0.00286	2.39	0.0505	0.000586	1.36	0.00323	0.00365	0.000175	0.000244	0.000152	0.0674	0.00000691	0.000353	0.000484	0.00238
2069 Mar	69.8	0.113	0.137	0.00271	15.1	0.0497	11.1	0.00000673	0.0148	0.00442	0.00658	0.0165	0.00271	11	0.00000586	0.000122	0.000203	0.000678	0.0348	0.00000623	2.14	0.0029	2.41	0.0514	0.000596	1.37	0.00329	0.00369	0.000172	0.000248	0.000154	0.0683	0.00000695	0.00036	0.000488	0.00239
2069 Apr	70	0.114	0.137	0.00272	15.1	0.0499	11.1	0.00000675	0.0148	0.00443	0.0066	0.0165	0.00272	11	0.00000584	0.000122	0.000203	0.000679	0.0348	0.00000625	2.15	0.00291	2.42	0.0516	0.000598	1.37	0.0033	0.004	0.000166	0.000248	0.000155	0.0684	0.00000697	0.000361	0.000489	0.00239
2069 May	69.4	0.112	0.135	0.00269	14.8	0.05	11.1	0.00000677	0.0145	0.00437	0.00662	0.0165	0.00268	10.9	0.00000578	0.000121	0.000201	0.000673	0.0343	0.00000622	2.14	0.00288	2.41	0.0509	0.00059	1.37	0.00327	0.00436	0.000158	0.000245	0.000153	0.0676	0.00000698	0.000356	0.000488	0.00238
2069 Jun	63.8	0.0948	0.115	0.00233	13.6	0.0479	9.94	0.00000637	0.0116	0.00359	0.00625	0.0159	0.00218	9.96	0.00000478	0.000108	0.000177	0.000582	0.0283	0.00000548	1.98	0.00245	2.32	0.042	0.000491	1.34	0.00284	0.00362	0.0000693	0.000206	0.00013	0.0609	0.00000654	0.000293	0.000439	0.0021
2069 Jul	67.7	0.103	0.126	0.00251	14.6	0.0495	10.6	0.00000659	0.0126	0.00391	0.00646	0.0166	0.00239	10.6	0.000005	0.000114	0.000192	0.000616	0.0311	0.00000579	2.08	0.00266	2.42	0.0463	0.000536	1.39	0.00307	0.00376	0.0000669	0.00022	0.00014	0.0651	0.00000676	0.000319	0.000461	0.00217
2069 Aug	63.4	0.0956	0.116	0.00236	13.6	0.0472	9.88	0.00000652	0.0122	0.00364	0.00641	0.0156	0.00222	9.95	0.00000484	0.000109	0.000183	0.000591	0.0306	0.00000557	1.95	0.0025	2.28	0.0432	0.000497	1.31	0.00287	0.00349	0.0000636	0.000207	0.000132	0.061	0.00000668	0.000296	0.000447	0.00214
2069 Sep	59.9	0.0912	0.11	0.00226	12.9	0.0446	9.38	0.0000064	0.0121	0.00346	0.00629	0.0146	0.00212	9.44	0.0000047	0.000106	0.000171	0.000572	0.0303	0.0000054	1.84	0.0024	2.14	0.0413	0.000474	1.23	0.00269	0.00324	0.0000612	0.000199	0.000127	0.0578	0.00000654	0.000283	0.000435	0.00209
2069 Oct	61.6	0.0947	0.114	0.00233	13.2	0.0456	9.67	0.00000642	0.0126	0.00358	0.00631	0.0148	0.0022	9.68	0.0000052	0.000108	0.000178	0.000597	0.0309	0.0000055	1.89	0.00248	2.18	0.0429	0.000491	1.25	0.00277	0.00327	0.000137	0.000208	0.000132	0.0596	0.00000657	0.000294	0.000441	0.00221
2069 Nov	63.9	0.0993	0.12	0.00242	13.8	0.0469	10	0.00000649	0.0132	0.00375	0.00637	0.0153	0.00232	10	0.00000554	0.000111	0.000186	0.000622	0.0318	0.00000566	1.96	0.00258	2.25	0.0451	0.000516	1.29	0.0029	0.00337	0.000177	0.000218	0.000137	0.0621	0.00000665	0.000309	0.000451	0.00229
2069 Dec	65.9	0.104	0.125	0.00251	14.2	0.0477	10.4	0.00000656	0.0136	0.00392	0.00643	0.0157	0.00243	10.3	0.00000562	0.000114	0.000192	0.000638	0.0328	0.00000582	2.01	0.00268	2.31	0.0473	0.00054	1.31	0.00302	0.00348	0.000173	0.000226	0.000143	0.0641	0.00000673	0.000323	0.000461	0.00231
2070 Jan	67.4	0.107	0.129	0.00258	14.5	0.0484	10.6	0.00000662	0.014	0.00405	0.00648	0.016	0.00252	10.6	0.00000568	0.000116	0.000196	0.00065	0.0336	0.00000593	2.06	0.00276	2.35	0.0489	0.000558	1.34	0.00311	0.00356	0.000169	0.000232	0.000147	0.0657	0.00000679	0.000334	0.000468	0.00233
2070 Feb	68.4	0.11	0.132	0.00263	14.8	0.0488	10.8	0.00000665	0.0142	0.00414	0.00652	0.0162	0.00258	10.7	0.00000572	0.000118	0.000199	0.000658	0.0341	0.00000601	2.09	0.00281	2.37	0.05	0.000569	1.35	0.00317	0.00362	0.000166	0.000236	0.000149	0.0668	0.00000683	0.000341	0.000473	0.00234
2070 Mar	69.2	0.112	0.134	0.00266	14.9	0.0491	10.9	0.00000668	0.0143	0.00421	0.00654	0.0163	0.00262	10.9	0.00000575	0.000119	0.000201	0.000664	0.0345	0.00000608	2.11	0.00285	2.39	0.0509	0.000579	1.36	0.00322	0.00367	0.000164	0.000239	0.000152	0.0676	0.00000686	0.000347	0.000477	0.00235
2070 Apr	69.4	0.112	0.135	0.00267	14.9	0.0493	11	0.0000067	0.0143	0.00423	0.00656	0.0164	0.00264	10.9	0.00000573	0.000119	0.000201	0.000665	0.0345	0.0000061	2.12	0.00286	2.4	0.0511	0.000581	1.37	0.00324	0.00398	0.000158	0.000239	0.000152	0.0677	0.00000688	0.000348	0.000479	0.00234
2070 May	68.9	0.111	0.133	0.00264	14.7	0.0494	10.9	0.00000672	0.0141	0.00418	0.00658	0.0163	0.00261	10.8	0.00000568	0.000119	0.000199	0.000661	0.0341	0.00000607	2.11	0.00284	2.39	0.0505	0.000574	1.37	0.00321	0.00434	0.000151	0.000237	0.000151	0.067	0.0000069	0.000344	0.000478	0.00234
2070 Jun	63.8	0.0945	0.114	0.00231	13.6	0.0477	9.9	0.00000634	0.0113	0.00346	0.00623	0.0159	0.00213	9.94	0.00000475	0.000106	0.000177	0.000576	0.0282	0.00000539	1.97	0.00244	2.32	0.042	0.000483	1.34	0.00281	0.00362	0.0000689	0.000201	0.000129	0.0608	0.00000648	0.000286	0.000433	0.00208
2070 Jul	67.7	0.103	0.125	0.00249	14.6	0.0493	10.5	0.00000656	0.0123	0.00377	0.00644	0.0166	0.00234	10.6	0.00000497	0.000112	0.000191	0.00061	0.0311	0.0000057	2.07	0.00264	2.42	0.0464	0.000527	1.39	0.00304	0.00376	0.0000666	0.000215	0.000139	0.0651	0.0000067	0.000312	0.000454	0.00215
2070 Aug	63	0.0947	0.114	0.00233	13.5	0.0467	9.78	0.00000648	0.012	0.00348	0.00637	0.0155	0.00216	9.88	0.00000479	0.000107	0.000181	0.000583	0.0304	0.00000546	1.93	0.00247	2.27	0.0429	0.000486	1.3	0.00283	0.00347	0.0000632	0.000202	0.00013	0.0605	0.00000661	0.000288	0.00044	0.00211
2070 Sep	59.8	0.0911	0.109	0.00224	12.8	0.0442	9.33	0.00000636	0.0119	0.00333	0.00626	0.0145	0.00208	9.4	0.00000467	0.000104	0.00017	0.000566	0.0303	0.00000531	1.83	0.00239	2.13	0.0413	0.000467	1.23	0.00265	0.00323	0.000061	0.000195	0.000127	0.0577	0.00000648	0.000277	0.000429	0.00207
2070 Oct	61.8	0.095	0.114	0.00232	13.3	0.0454	9.67	0.00000639	0.0125	0.00346	0.00628	0.0148	0.00217	9.7	0.00000524	0.000107	0.000178	0.000596	0.0309	0.00000543	1.88	0.00247	2.18	0.0432	0.000486	1.25	0.00275	0.00326	0.000148	0.000205	0.000132	0.0598	0.00000651	0.000289	0.000436	0.0022
2070 Nov	64.3	0.0999	0.12	0.00242	13.8	0.0468	10.1	0.00000646	0.0131	0.00364	0.00634	0.0153	0.00229	10.1	0.0000056	0.00011	0.000188	0.000622	0.0318	0.0000056	1.96	0.00258	2.26	0.0456	0.000512	1.29	0.0029	0.00338	0.00019	0.000216	0.000137	0.0624	0.00000659	0.000305	0.000446	0.00229
2070 Dec	66.3	0.104	0.126	0.00251	14.3	0.0477	10.4	0.00000653	0.0135	0.00381	0.00641	0.0157	0.0024	10.4	0.00000567	0.000113	0.000193	0.000637	0.0329	0.00000575	2.01	0.00268	2.31	0.0477	0.000535	1.32	0.00301	0.00349	0.000184	0.000223	0.000143	0.0645	0.00000667	0.000319	0.000456	0.00231

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	21.1	0.00664	0.00312	0.000416	4.26	0.0268	3.03	0.00000416	0.00217	0.000211	0.00416	0.00704	0.00000833	3.33	0.00000237	0.0000416	0.0000611	0.000217	0.00604	0.00000208	0.726	0.000416	1.12	0.000668	0.0000214	0.679	0.000525	0.00129	0.0000543	0.000044	0.0000214	0.0169	0.00000416	0.0000127	0.000208	0.00132
Operation (2023 to 2025): Average	24.1	0.00752	0.00361	0.000469	4.91	0.0305	3.45	0.00000469	0.00256	0.000241	0.00469	0.00804	0.00000938	3.8	0.00000265	0.0000469	0.0000694	0.000244	0.00702	0.00000234	0.83	0.000469	1.27	0.000781	0.0000243	0.774	0.000595	0.00153	0.0000763	0.0000493	0.000024	0.0194	0.00000469	0.0000143	0.000234	0.00148
Operation (2023 to 2025): Max	26.3	0.00838	0.00399	0.000506	5.4	0.0332	3.76	0.00000506	0.00287	0.000263	0.00506	0.00884	0.0000101	4.16	0.00000291	0.0000506	0.0000755	0.000265	0.00775	0.00000253	0.91	0.000506	1.39	0.00085	0.0000264	0.847	0.000654	0.0017	0.0000941	0.0000536	0.0000258	0.0212	0.00000506	0.0000154	0.000253	0.00161
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Active Closure (2026 to Sept. 2042): Min	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00261	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000285	0.0000504	0.0000745	0.000263	0.00725	0.00000252	0.886	0.000504	1.36	0.000783	0.0000262	0.824	0.000629	0.00162	0.0000725	0.0000532	0.0000258	0.0208	0.00000504	0.0000153	0.000252	0.0016
Active Closure (2026 to Sept. 2042): Average	27	0.00829	0.00404	0.00053	5.51	0.0342	3.87	0.0000053	0.003	0.000271	0.0053	0.00898	0.0000106	4.27	0.00000304	0.000053	0.0000775	0.000278	0.0081	0.00000265	0.93	0.00053	1.42	0.000882	0.0000278	0.866	0.000661	0.0017	0.0000954	0.0000562	0.0000272	0.0218	0.0000053	0.0000162	0.000265	0.00169
Active Closure (2026 to Sept. 2042): Max	27.8	0.0088	0.0042	0.00054	5.69	0.0352	3.98	0.0000054	0.00317	0.000278	0.0054	0.00932	0.0000108	4.39	0.00000316	0.000054	0.0000796	0.000284	0.00838	0.0000027	0.96	0.00054	1.47	0.000915	0.0000282	0.894	0.000689	0.00178	0.00011	0.0000576	0.0000276	0.0224	0.0000054	0.0000165	0.00027	0.00173
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Post Closure (Oct. 2042 to 2070): Min	25.6	0.00771	0.00369	0.000518	5.07	0.0327	3.7	0.00000518	0.00282	0.000259	0.00518	0.0084	0.0000104	4.03	0.00000294	0.0000518	0.0000725	0.000271	0.00756	0.00000259	0.877	0.000518	1.34	0.000818	0.0000269	0.82	0.000625	0.00166	0.0000779	0.0000549	0.0000266	0.0205	0.00000518	0.0000158	0.000259	0.00165
Post Closure (Oct. 2042 to 2070): Average	26.4	0.00804	0.00386	0.000529	5.29	0.0337	3.81	0.00000529	0.0031	0.000266	0.00529	0.00874	0.0000106	4.17	0.00000307	0.0000529	0.0000753	0.000279	0.0082	0.00000265	0.909	0.000529	1.39	0.0009	0.0000278	0.849	0.000652	0.00176	0.000101	0.0000564	0.0000272	0.0212	0.00000529	0.0000163	0.000265	0.00169
Post Closure (Oct. 2042 to 2070): Max	27.6	0.0087	0.00411	0.000538	5.58	0.0349	3.96	0.00000538	0.00324	0.000276	0.00538	0.00922	0.0000108	4.34	0.00000316	0.0000538	0.0000783	0.000284	0.00844	0.00000269	0.952	0.000538	1.46	0.000929	0.0000282	0.888	0.000685	0.00192	0.000115	0.0000576	0.0000276	0.0221	0.00000538	0.0000165	0.000269	0.00173
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	21.1	0.00664	0.00312	0.000416	4.26	0.0268	3.03	0.00000416	0.00233	0.000211	0.00416	0.00704	0.00000833	3.33	0.00000237	0.0000416	0.0000611	0.000217	0.00632	0.00000208	0.726	0.000416	1.12	0.000719	0.0000214	0.679	0.000525	0.00129	0.000071	0.000044	0.0000214	0.0169	0.00000416	0.0000127	0.000208	0.00132
2023 Feb	21.1	0.00664	0.00312	0.000416	4.26	0.0268	3.03	0.00000416	0.00233	0.000211	0.00416	0.00704	0.00000833	3.33	0.00000237	0.0000416	0.0000611	0.000217	0.00632	0.00000208	0.726	0.000416	1.12	0.000719	0.0000214	0.679	0.000525	0.00129	0.000071	0.000044	0.0000214	0.0169	0.00000416	0.0000127	0.000208	0.00132
2023 Mar	21.1	0.00664	0.00312	0.000416	4.26	0.0268	3.04	0.00000416	0.00233	0.000211	0.00416	0.00704	0.00000833	3.33	0.00000237	0.0000416	0.0000611	0.000218	0.00632	0.00000208	0.726	0.000416	1.12	0.000719	0.0000214	0.679	0.000525	0.00129	0.000071	0.000044	0.0000214	0.0169	0.00000416	0.0000127	0.000208	0.00132
2023 Apr	21.1	0.00665	0.00313	0.000417	4.26	0.0268	3.04	0.00000417	0.00234	0.000212	0.00417	0.00705	0.00000834	3.33	0.00000237	0.0000417	0.0000612	0.000218	0.00633	0.00000209	0.727	0.000417	1.12	0.00072	0.0000214	0.68	0.000526	0.00132	0.0000711	0.0000441	0.0000215	0.017	0.00000417	0.0000127	0.000209	0.00132
2023 May	21.3	0.0067	0.00315	0.000421	4.29	0.027	3.07	0.00000421	0.00235	0.000213	0.00421	0.0071	0.00000841	3.36	0.00000239	0.0000421	0.0000616	0.00022	0.00637	0.0000021	0.733	0.000421	1.13	0.000725	0.0000216	0.686	0.000531	0.00137	0.0000715	0.0000444	0.0000216	0.0171	0.00000421	0.0000128	0.00021	0.00133
2023 Jun	22.8	0.00741	0.00341	0.000435	4.62	0.0288	3.27	0.00000435	0.00218	0.000226	0.00435	0.00766	0.00000871	3.59	0.0000024	0.0000435	0.0000645	0.000225	0.00604	0.00000218	0.787	0.000435	1.21	0.000668	0.0000222	0.736	0.000569	0.00149	0.0000612	0.0000454	0.0000222	0.0183	0.00000435	0.0000131	0.000218	0.00136
2023 Jul	23.7	0.00772	0.00358	0.000447	4.82	0.0298	3.39	0.00000447	0.00217	0.000234	0.00447	0.00798	0.00000895	3.73	0.00000243	0.0000447	0.0000672	0.00023	0.00612	0.00000224	0.818	0.000447	1.26	0.000682	0.0000228	0.764	0.000593	0.00156	0.000057	0.0000463	0.0000228	0.019	0.00000447	0.0000135	0.000224	0.00139
2023 Aug	23.8	0.00759	0.00358	0.000455	4.84	0.03	3.4	0.00000455	0.0023	0.000236	0.00455	0.00801	0.0000091	3.75	0.00000247	0.0000455	0.0000681	0.000234	0.0065	0.00000228	0.82	0.000455	1.26	0.000741	0.0000234	0.767	0.000597	0.00156	0.0000564	0.0000471	0.0000232	0.0191	0.00000455	0.0000138	0.000228	0.00141
2023 Sep	23.4	0.00742	0.0035	0.000457	4.77	0.0296	3.35	0.00000457	0.00242	0.000235	0.00457	0.00786	0.00000914	3.7	0.00000246	0.0000457	0.0000668	0.000234	0.00686	0.00000228	0.808	0.000457	1.24	0.00077	0.0000238	0.755	0.000581	0.00152	0.0000543	0.0000472	0.0000234	0.0188	0.00000457	0.0000139	0.000228	0.00141
2023 Oct	23.4	0.00733	0.0035	0.000458	4.77	0.0296	3.35	0.00000458	0.00252	0.000235	0.00458	0.00782	0.00000916	3.7	0.00000256	0.0000458	0.0000674	0.000238	0.00696	0.00000229	0.806	0.000458	1.24	0.000778	0.0000238	0.752	0.000577	0.0015	0.00007	0.000048	0.0000235	0.0188	0.00000458	0.000014	0.000229	0.00144
2023 Nov	23.4	0.00726	0.00351	0.000459	4.77	0.0297	3.36	0.00000459	0.00257	0.000235	0.00459	0.0078	0.00000917	3.7	0.00000262	0.0000459	0.0000679	0.00024	0.00698	0.00000229	0.807	0.000459	1.24	0.00078	0.0000238	0.752	0.000578	0.00149	0.0000804	0.0000485	0.0000235	0.0189	0.00000459	0.000014	0.000229	0.00146
2023 Dec	23.4	0.00726	0.00351	0.000459	4.77	0.0297	3.36	0.00000459	0.00257	0.000235	0.00459	0.0078	0.00000917	3.7	0.00000262	0.0000459	0.0000679	0.00024	0.00698	0.00000229	0.807	0.000459	1.24	0.00078	0.0000238	0.752	0.000578	0.00149	0.0000804	0.0000485	0.0000235	0.0189	0.00000459	0.000014	0.000229	0.00146
2024 Jan	23.4	0.00726	0.00351	0.000459	4.77	0.0297	3.36	0.00000459	0.00257	0.000235	0.00459	0.0078	0.00000917	3.7	0.00000262	0.0000459	0.0000679	0.00024	0.00698	0.00000229	0.807	0.000459	1.24	0.00078	0.0000238	0.752	0.000578	0.00149	0.0000804	0.0000485	0.0000235	0.0189	0.00000459	0.000014	0.000229	0.00146
2024 Feb	23.4	0.00726	0.00351	0.000459	4.77	0.0297	3.36	0.00000459	0.00257	0.000235	0.00459	0.0078	0.00000917	3.7	0.00000262	0.0000459	0.0000679	0.00024	0.00698	0.00000229	0.807	0.000459	1.24	0.00078	0.0000238	0.752	0.000578	0.00149	0.0000804	0.0000485	0.0000235	0.0189	0.00000459	0.000014	0.000229	0.00146
2024 Mar	23.4	0.00726	0.00351	0.000459	4.77	0.0297	3.36	0.00000459	0.00257	0.000235	0.00459	0.0078	0.00000917	3.7	0.00000262	0.0000459	0.0000679	0.00024	0.00698	0.00000229	0.807	0.000459	1.24	0.00078	0.0000238	0.752	0.000578	0.00149	0.0000804	0.0000485	0.0000235	0.0189	0.00000459	0.000014	0.000229	0.00146
2024 Apr	23.5	0.00727	0.00351	0.00046	4.78	0.0297	3.36	0.0000046	0.00257	0.000235	0.0046	0.00782	0.00000919	3.71	0.00000263	0.000046	0.000068	0.00024	0.00699	0.0000023	0.808	0.00046	1.24	0.000781	0.0000238	0.753	0.000579	0.0015	0.0000805	0.0000486	0.0000236	0.0189	0.0000046	0.000014	0.00023	0.00146
2024 May	23.6	0.00733	0.00354	0.000463	4.82	0.03	3.39	0.00000463	0.00259	0.000237	0.00463	0.00788	0.00000926	3.74	0.00000265	0.0000463	0.0000686	0.000242	0.00705	0.00000232	0.815	0.000463	1.25	0.000787	0.000024	0.759	0.000584	0.00151	0.0000811	0.000049	0.0000238	0.019	0.00000463	0.0000141	0.000232	0.00147
2024 Jun	24.6	0.00785	0.0037	0.000469	5	0.031	3.52	0.00000469	0.0024	0.000244	0.00469	0.00824	0.00000939	3.87	0.00000261	0.0000469	0.0000697	0.000243	0.00664	0.00000235	0.848	0.000469	1.3	0.000727	0.0000242	0.79	0.000609	0.00159	0.0000702	0.0000491	0.000024	0.0197	0.00000469	0.0000142	0.000235	0.00147
2024 Jul	25.3	0.00811	0.00382	0.000479	5.17	0.0318	3.61	0.00000479	0.00239	0.000251	0.00479	0.0085	0.00000958	3.98	0.00000264	0.0000479	0.0000718	0.000247	0.00669	0.0000024	0.873	0.000479	1.34	0.000736	0.0000246	0.814	0.000628	0.00165	0.0000668	0.0000499	0.0000244	0.0203	0.00000479	0.0000145	0.00024	0.0015
2024 Aug	25.3	0.00799	0.00382	0.000486	5.18	0.0319	3.62	0.00000486	0.00251	0.000252	0.00486	0.00851	0.00000972	3.99	0.00000267	0.0000486	0.0000726	0.000251	0.00704	0.00000243	0.874	0.000486	1.34	0.000791	0.0000251	0.815	0.000632	0.00164	0.0000659	0.0000505	0.0000247	0.0204	0.00000486	0.0000147	0.000243	0.00152
2024 Sep	24.9	0.00779	0.00373	0.000486	5.09	0.0314	3.56	0.00000486	0.00261	0.00025	0.00486	0.00833	0.00000971	3.93	0.00000265	0.0000486	0.000071	0.00025	0.00736	0.00000243	0.858	0.000486	1.31	0.000816	0.0000254	0.8	0.000613	0.0016	0.0000633	0.0000504	0.0000248	0.02	0.00000486	0.0000148	0.000243	0.00151
2024 Oct	24.8	0.00769	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00271	0.000249	0.00486	0.00826	0.00000971	3.92	0.00000274	0.0000486	0.0000714	0.000253	0.00745	0.00000243	0.854	0.000486	1.31	0.000822	0.0000254	0.796	0.000608	0.00157	0.0000785	0.0000511	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00153
2024 Nov	24.8	0.00761	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00275	0.000249	0.00486	0.00825	0.00000972	3.92	0.0000028	0.0000486	0.0000718	0.000255	0.00746	0.00000243	0.854	0.000486	1.31	0.000823	0.0000253	0.795	0.000608	0.00156	0.0000887	0.0000516	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00155
2024 Dec	24.8	0.00761	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00275	0.000249	0.00486	0.00824	0.00000972	3.92	0.0000028	0.0000486	0.0000718	0.000255	0.00746	0.00000243	0.854	0.000486	1.31	0.000823	0.0000253	0.795	0.000608	0.00156	0.0000887	0.0000516	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00155
2025 Jan	24.8	0.00761	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00275	0.000249	0.00486	0.00824	0.00000972	3.92	0.0000028	0.0000486	0.0000718	0.000255	0.00746	0.00000243	0.854	0.000486	1.31	0.000823	0.0000253	0.795	0.000608	0.00156	0.0000887	0.0000516	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00155
2025 Feb	24.8	0.00761	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00275	0.000249	0.00486	0.00824	0.00000972	3.92	0.0000028	0.0000486	0.0000718	0.000255	0.00746	0.00000243	0.854	0.000486	1.31	0.000823	0.0000253	0.795	0.000608	0.00156	0.0000887	0.0000516	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00155
2025 Mar	24.8	0.00761	0.00372	0.000486	5.07	0.0314	3.55	0.00000486	0.00275	0.000249	0.00486	0.00825	0.00000972	3.92	0.0000028	0.0000486	0.0000718	0.000255	0.00746	0.00000243	0.854	0.000486	1.31	0.000823	0.0000253	0.795	0.000608	0.00156	0.0000887	0.0000516	0.0000249	0.02	0.00000486	0.0000148	0.000243	0.00155
2025 Apr	24.8	0.00762	0.00373	0.000487	5.08	0.0315	3.55	0.00000487	0.00276	0.00025	0.00487	0.00826	0.00000973	3.92	0.0000028	0.0000487	0.000072	0.000255	0.00747	0.00000243	0.855	0.000487	1.31	0.000825	0.0000254	0.796	0.000609	0.00157	0.0000888	0.0000517	0.000025	0.02	0.00000487	0.0000149	0.000243	0.00155
2025 May	25	0.00768	0.00375	0.000491	5.11	0.0317	3.58	0.00000491	0.00278	0.000252	0.00491	0.00832	0.00000981	3.95	0.00000282	0.0000491	0.0000725	0.000257	0.00753	0.00000245	0.862	0.000491	1.32	0.000831	0.0000256	0.802	0.000614	0.00159	0.0000894	0.0000521	0.0000252	0.0202	0.00000491	0.000015	0.000245	0.00156
2025 Jun	25.7	0.00813	0.00387	0.000491	5.25	0.0324	3.67	0.00000491	0.00255	0.000256	0.00491	0.0086	0.00000983	4.05	0.00000275	0.0000491	0.0000729	0.000255	0.00702	0.00000246	0.886	0.000491	1.36	0.000761	0.0000254	0.825	0.000633	0.00165	0.0000768	0.0000516	0.0000251	0.0207	0.00000491	0.0000149	0.000246	0.00155
2025 Jul	26.3	0.00838	0.00399	0.000499	5.39	0.0331	3.76	0.00000499	0.00252	0.000261	0.00499	0.00883	0.00000998	4.14	0.00000277	0.0000499	0.0000748	0.000258	0.00703	0.0000025	0.908	0.000499	1.39	0.000768	0.0000257	0.845	0.00065	0.0017	0.0000727	0.0000521	0.0000254	0.0211	0.00000499	0.0000151	0.00025	0.00156
2025 Aug	26.3	0.00826	0.00398	0.000506	5.4	0.0332	3.76	0.00000506	0.00264	0.000263	0.00506	0.00884	0.0000101	4.16	0.00000279	0.0000506	0.0000755	0.000262	0.00737	0.00000253	0.91	0.000506	1.39	0.000821	0.0000262	0.847	0.000654	0.0017	0.0000719	0.0000527	0.0000257	0.0212	0.00000506	0.0000154	0.000253	0.00158
2025 Sep	25.8	0.00805	0.00389	0.000504	5.3	0.0327	3.69	0.00000504	0.00273	0.00026	0.00504	0.00865	0.0000101	4.09	0.00000277	0.0000504	0.0000738	0.00026	0.00767	0.00000252	0.892	0.000504	1.36	0.000844	0.0000264	0.831	0.000634	0.00166	0.0000689	0.0000525	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00157
2025 Oct	25.7	0.00794	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00282	0.000259	0.00504	0.00857	0.0000101	4.07	0.00000285	0.0000504	0.0000741	0.000263	0.00774	0.00000252	0.887	0.000504	1.36	0.000849	0.0000264	0.825	0.000629	0.00163	0.000084	0.0000531	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00159
2025 Nov	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00287	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000291	0.0000504	0.0000746	0.000265	0.00775	0.00000252	0.886	0.000504	1.36	0.00085	0.0000263	0.824	0.000629	0.00162	0.0000941	0.0000536	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00161
2025 Dec	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00287	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000291	0.0000504	0.0000745	0.000265	0.00775	0.00000252	0.886	0.000504	1.36	0.00085	0.0000263	0.824	0.000629	0.00162	0.0000941	0.0000536	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00161
2026 Jan	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00287	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000291	0.0000504	0.0000745	0.000265	0.00775	0.00000252	0.886	0.000504	1.36	0.00085	0.0000263	0.824	0.000629	0.00162	0.000094	0.0000536	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00161
2026 Feb	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00287	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000291	0.0000504	0.0000745	0.000265	0.00775	0.00000252	0.886	0.000504	1.36	0.00085	0.0000263	0.824	0.000629	0.00162	0.000094	0.0000536	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00161
2026 Mar	25.7	0.00786	0.00387	0.000504	5.27	0.0326	3.68	0.00000504	0.00287	0.000259	0.00504	0.00855	0.0000101	4.07	0.00000291	0.0000504	0.0000745	0.000265	0.00775	0.00000252	0.886	0.000504	1.36	0.00085	0.0000263	0.824	0.000629	0.00162	0.000094	0.0000536	0.0000258	0.0208	0.00000504	0.0000154	0.000252	0.00161
2026 Apr	25.8	0.00788	0.00388	0.000505	5.28	0.0327	3.68	0.00000505	0.00287	0.000259	0.00505	0.00857	0.0000101	4.07	0.00000292	0.0000505	0.0000747	0.000265	0.00776	0.00000252	0.888	0.000505	1.36	0.000851	0.0000264	0.825	0.00063	0.00163	0.0000942	0.0000537	0.0000259	0.0208	0.00000505	0.0000154	0.000252	0.00161
2026 May	26	0.00794	0.0039	0.000508	5.32	0.0329	3.71	0.00000508	0.00289	0.000261	0.00508	0.00863	0.0000102	4.1	0.00000294	0.0000508	0.0000752	0.000267	0.00782	0.00000254	0.895	0.000508	1.37	0.000858	0.0000266	0.832	0.000635	0.00164	0.0000948	0.0000541	0.0000261	0.021	0.00000508	0.0000155	0.000254	0.00162
2026 Jun	26.4	0.00834	0.00399	0.000506	5.41	0.0333	3.78	0.00000506	0.00264	0.000263	0.00506	0.00884	0.0000101	4.17	0.00000285	0.0000506	0.0000751	0.000263	0.00726	0.00000253	0.912	0.000506	1.4	0.000783	0.0000262	0.849	0.00065	0.00169	0.0000812	0.0000532	0.0000258	0.0213	0.00000506	0.0000153	0.000253	0.0016
2026 Jul	27	0.00856	0.0041	0.000512	5.54	0.034	3.85	0.00000512	0.00261	0.000268	0.00512	0.00905	0.0000102	4.25	0.00000285	0.0000512	0.0000768	0.000266	0.00725	0.00000256	0.932	0.000512	1.43	0.000788	0.0000265	0.867	0.000666	0.00174	0.0000768	0.0000536	0.0000261	0.0217	0.00000512	0.0000155	0.000256	0.00161
2026 Aug	27	0.00846	0.0041	0.000519	5.56	0.0341	3.86	0.00000519	0.00272	0.00027	0.00519	0.00908	0.0000104	4.27	0.00000288	0.0000519	0.0000776	0.000269	0.00758	0.0000026	0.934	0.000519	1.43	0.000839	0.000027	0.87	0.00067	0.00174	0.000076	0.0000542	0.0000264	0.0218	0.00000519	0.0000158	0.00026	0.00163
2026 Sep	26.5	0.00822	0.00398	0.000516	5.43	0.0334	3.78	0.00000516	0.00281	0.000266	0.00516	0.00884	0.0000103	4.19	0.00000285	0.0000516	0.0000756	0.000267	0.00788	0.00000258	0.913	0.000516	1.4	0.000861	0.0000271	0.85	0.000647	0.00169	0.0000725	0.0000538	0.0000264	0.0213	0.00000516	0.0000158	0.000258	0.00161
2026 Oct	26.3	0.00811	0.00396	0.000515	5.4	0.0333	3.76	0.00000515	0.0029	0.000265	0.00515	0.00875	0.0000103	4.16	0.00000293	0.0000515	0.0000757	0.000269	0.00795	0.00000258	0.907	0.000515	1.39	0.000865	0.000027	0.843	0.00064	0.00166	0.0000877	0.0000544	0.0000264	0.0212	0.00000515	0.0000157	0.000258	0.00163
2026 Nov	26.3	0.00802	0.00396	0.000515	5.39	0.0333	3.76	0.00000515	0.00294	0.000265	0.00515	0.00873	0.0000103	4.16	0.00000299	0.0000515	0.0000761	0.000271	0.00795	0.00000257	0.905	0.000515	1.38	0.000866	0.000027	0.841	0.00064	0.00165	0.0000979	0.0000548	0.0000264	0.0212	0.00000515	0.0000157	0.000257	0.00164
2026 Dec	26.3	0.00802	0.00396	0.000515	5.39	0.0333	3.76	0.00000515	0.00294	0.000265	0.00515	0.00873	0.0000103	4.16	0.00000299	0.0000515	0.0000761	0.000271	0.00795	0.00000257	0.905	0.000515	1.38	0.000866	0.000027	0.841	0.00064	0.00165	0.0000979	0.0000548	0.0000264	0.0212	0.00000515	0.0000157	0.000257	0.00164
2027 Jan	26.3	0.00802	0.00396	0.000515	5.39	0.0333	3.76	0.00000515	0.00294	0.000265	0.00515	0.00873	0.0000103	4.16	0.00000299	0.0000515	0.0000761	0.000271	0.00795	0.00000257	0.905	0.000515	1.38	0.000866	0.000027	0.841	0.00064	0.00165	0.0000979	0.0000548	0.0000264	0.0212	0.00000515	0.0000157	0.000257	0.00164
2027 Feb	26.3	0.00802	0.00396	0.000515	5.39	0.0333	3.76	0.00000515	0.00294	0.000265	0.00515	0.00873	0.0000103	4.16	0.00000299	0.0000515	0.0000761	0.000271	0.00795	0.00000257	0.905	0.000515	1.38	0.000866	0.000027	0.841	0.00064	0.00165	0.0000979	0.0000548	0.0000264	0.0212	0.00000515	0.0000157	0.000257	0.00164
2027 Mar	26.3	0.00802	0.00396	0.000515	5.39	0.0333	3.76	0.00000515	0.00294	0.000265	0.00515	0.00873	0.0000103	4.16	0.00000299	0.0000515	0.0000761	0.000271	0.00795	0.00000257	0.905	0.000515	1.38	0.000866	0.000027	0.841	0.00064	0.00165	0.0000979	0.0000548	0.0000264	0.0212	0.00000515	0.0000157	0.000257	0.00165
2027 Apr	26.3	0.00804	0.00396	0.000516	5.4	0.0334	3.76	0.00000516	0.00295	0.000265	0.00516	0.00874	0.0000103	4.16	0.00000299	0.0000516	0.0000763	0.000271	0.00797	0.00000258	0.907	0.000516	1.39	0.000868	0.000027	0.843	0.000641	0.00166	0.000098	0.0000549	0.0000265	0.0213	0.00000516	0.0000158	0.000258	0.00165
2027 May	26.5	0.0081	0.00399	0.00052	5.44	0.0336	3.79	0.0000052	0.00297	0.000267	0.0052	0.00881	0.0000104	4.2	0.00000301	0.000052	0.0000768	0.000273	0.00802	0.0000026	0.914	0.00052	1.4	0.000874	0.0000272	0.85	0.000647	0.00167	0.0000987	0.0000554	0.0000267	0.0214	0.0000052	0.0000159	0.00026	0.00166
2027 Jun	26.9	0.00847	0.00405	0.000515	5.49	0.0339	3.84	0.00000515	0.0027	0.000268	0.00515	0.00898	0.0000103	4.23	0.00000291	0.0000515	0.0000762	0.000268	0.00741	0.00000257	0.927	0.000515	1.42	0.000796	0.0000267	0.862	0.000659	0.00171	0.000084	0.0000542	0.0000263	0.0216	0.00000515	0.0000156	0.000257	0.00163
2027 Jul	27.3	0.00866	0.00415	0.000521	5.61	0.0345	3.91	0.00000521	0.00267	0.000272	0.00521	0.00917	0.0000104	4.31	0.00000291	0.0000521	0.0000778	0.00027	0.00741	0.0000026	0.944	0.000521	1.45	0.000802	0.0000269	0.879	0.000674	0.00176	0.0000795	0.0000545	0.0000265	0.022	0.00000521	0.0000158	0.00026	0.00164
2027 Aug	27.4	0.00854	0.00414	0.000527	5.62	0.0346	3.91	0.00000527	0.00279	0.000274	0.00527	0.00917	0.0000105	4.32	0.00000293	0.0000527	0.0000785	0.000273	0.00774	0.00000263	0.945	0.000527	1.45	0.000855	0.0000274	0.88	0.000677	0.00175	0.0000785	0.0000551	0.0000268	0.0221	0.00000527	0.000016	0.000263	0.00165
2027 Sep	26.8	0.00832	0.00403	0.000524	5.5	0.0339	3.83	0.00000524	0.00287	0.00027	0.00524	0.00896	0.0000105	4.24	0.0000029	0.0000524	0.0000766	0.000271	0.00801	0.00000262	0.925	0.000524	1.42	0.000876	0.0000275	0.862	0.000656	0.0017	0.0000751	0.0000547	0.0000268	0.0216	0.00000524	0.000016	0.000262	0.00164
2027 Oct	26.7	0.0082	0.00401	0.000523	5.47	0.0338	3.81	0.00000523	0.00295	0.000268	0.00523	0.00887	0.0000105	4.22	0.00000298	0.0000523	0.0000768	0.000273	0.00807	0.00000261	0.919	0.000523	1.41	0.00088	0.0000274	0.855	0.00065	0.00168	0.0000899	0.0000553	0.0000268	0.0215	0.00000523	0.000016	0.000261	0.00166
2027 Nov	26.6	0.00811	0.00401	0.000522	5.46	0.0338	3.81	0.00000522	0.003	0.000268	0.00522	0.00885	0.0000104	4.21	0.00000303	0.0000522	0.0000772	0.000275	0.00808	0.00000261	0.918	0.000522	1.4	0.00088	0.0000274	0.853	0.00065	0.00167	0.0000998	0.0000557	0.0000268	0.0215	0.00000522	0.000016	0.000261	0.00167
2027 Dec	26.6	0.00811	0.00401	0.000522	5.46	0.0338	3.81	0.00000522	0.003	0.000268	0.00522	0.00885	0.0000104	4.21	0.00000303	0.0000522	0.0000771	0.000275	0.00808	0.00000261	0.918	0.000522	1.4	0.00088	0.0000274	0.853	0.000649	0.00167	0.0000998	0.0000557	0.0000268	0.0215	0.00000522	0.000016	0.000261	0.00167
2028 Jan	26.6	0.00811	0.00401	0.000522	5.46	0.0338	3.81	0.00000522	0.003	0.000268	0.00522	0.00884	0.0000104	4.21	0.00000303	0.0000522	0.0000771	0.000275	0.00808	0.00000261	0.918	0.000522	1.4	0.00088	0.0000274	0.853	0.000649	0.00167	0.0000998	0.0000557	0.0000268	0.0215	0.00000522	0.000016	0.000261	0.00167
2028 Feb	26.6	0.00811	0.00401	0.000522	5.46	0.0338	3.81	0.00000522	0.003	0.000268	0.00522	0.00885	0.0000104	4.21	0.00000303	0.0000522	0.0000771	0.000275	0.00808	0.00000261	0.918	0.000522	1.4	0.00088	0.0000274	0.853	0.000649	0.00167	0.0000998	0.0000557	0.0000268	0.0215	0.00000522	0.000016	0.000261	0.00167
2028 Mar	26.6	0.00811	0.00401	0.000522	5.46	0.0338	3.81	0.00000522	0.003	0.000268	0.00522	0.00885	0.0000104	4.21	0.00000303	0.0000522	0.0000771	0.000275	0.00808	0.00000261	0.918	0.000522	1.4	0.00088	0.0000274	0.853	0.00065	0.00167	0.0000998	0.0000557	0.0000268	0.0215	0.00000522	0.000016	0.000261	0.00167
2028 Apr	26.7	0.00813	0.00401	0.000523	5.47	0.0338	3.82	0.00000523	0.003	0.000269	0.00523	0.00886	0.0000105	4.22	0.00000304	0.0000523	0.0000773	0.000275	0.00809	0.00000262	0.919	0.000523	1.41	0.000882	0.0000274	0.855	0.000651	0.00167	0.0001	0.0000558	0.0000268	0.0216	0.00000523	0.000016	0.000262	0.00167
2028 May	26.9	0.00819	0.00404	0.000528	5.51	0.0341	3.85	0.00000528	0.00302	0.000271	0.00528	0.00893	0.0000106	4.25	0.00000306	0.0000528	0.0000779	0.000278	0.00815	0.00000264	0.927	0.000528	1.42	0.000889	0.0000277	0.861	0.000656	0.00169	0.000101	0.0000562	0.000027	0.0217	0.00000528	0.0000161	0.000264	0.00169
2028 Jun	27.1	0.00854	0.00409	0.000521	5.55	0.0343	3.88	0.00000521	0.00275	0.000271	0.00521	0.00907	0.0000104	4.28	0.00000294	0.0000521	0.000077	0.000271	0.00751	0.0000026	0.937	0.000521	1.43	0.000807	0.0000271	0.872	0.000667	0.00173	0.0000855	0.0000548	0.0000266	0.0219	0.00000521	0.0000158	0.00026	0.00165
2028 Jul	27.6	0.00873	0.00418	0.000526	5.66	0.0348	3.95	0.00000526	0.00271	0.000275	0.00526	0.00926	0.0000105	4.35	0.00000294	0.0000526	0.0000785	0.000273	0.0075	0.00000263	0.954	0.000526	1.46	0.000812	0.0000273	0.887	0.000681	0.00177	0.000081	0.0000552	0.0000268	0.0222	0.00000526	0.0000159	0.000263	0.00165
2028 Aug	27.6	0.0086	0.00417	0.000532	5.67	0.0349	3.94	0.00000532	0.00282	0.000276	0.00532	0.00926	0.0000106	4.36	0.00000296	0.0000532	0.0000792	0.000276	0.00783	0.00000266	0.954	0.000532	1.46	0.000865	0.0000277	0.888	0.000684	0.00177	0.0000798	0.0000557	0.0000271	0.0223	0.00000532	0.0000162	0.000266	0.00167
2028 Sep	27	0.00835	0.00405	0.000528	5.53	0.0341	3.86	0.00000528	0.00291	0.000271	0.00528	0.00901	0.0000106	4.27	0.00000293	0.0000528	0.000077	0.000273	0.00811	0.00000264	0.931	0.000528	1.42	0.000886	0.0000278	0.867	0.00066	0.00171	0.0000761	0.0000552	0.000027	0.0218	0.00000528	0.0000162	0.000264	0.00165
2028 Oct	26.8	0.00823	0.00402	0.000527	5.49	0.034	3.83	0.00000527	0.00299	0.00027	0.00527	0.00892	0.0000105	4.24	0.000003	0.0000527	0.0000772	0.000275	0.00817	0.00000263	0.924	0.000527	1.41	0.000889	0.0000277	0.859	0.000653	0.00168	0.0000912	0.0000557	0.000027	0.0217	0.00000527	0.0000161	0.000263	0.00167
2028 Nov	26.8	0.00814	0.00402	0.000526	5.49	0.034	3.83	0.00000526	0.00303	0.00027	0.00526	0.00889	0.0000105	4.24	0.00000306	0.0000526	0.0000776	0.000277	0.00817	0.00000263	0.922	0.000526	1.41	0.00089	0.0000276	0.857	0.000652	0.00167	0.000101	0.0000561	0.000027	0.0216	0.00000526	0.0000161	0.000263	0.00168
2028 Dec	26.8	0.00814	0.00402	0.000526	5.49	0.034	3.83	0.00000526	0.00303	0.00027	0.00526	0.00889	0.0000105	4.24	0.00000306	0.0000526	0.0000775	0.000277	0.00817	0.00000263	0.922	0.000526	1.41	0.00089	0.0000276	0.857	0.000652	0.00167	0.000101	0.0000561	0.000027	0.0216	0.00000526	0.0000161	0.000263	0.00168
2029 Jan	26.8	0.00814	0.00402	0.000526	5.49	0.034	3.83	0.00000526	0.00303	0.00027	0.00526	0.00889	0.0000105	4.24	0.00000306	0.0000526	0.0000775	0.000277	0.00817	0.00000263	0.922	0.000526	1.41	0.00089	0.0000276	0.857	0.000652	0.00167	0.000101	0.0000561	0.000027	0.0216	0.00000526	0.0000161	0.000263	0.00168
2029 Feb	26.8	0.00814	0.00402	0.000526	5.49	0.034	3.83	0.00000526	0.00303	0.00027	0.00526	0.00889	0.0000105	4.24	0.00000306	0.0000526	0.0000775	0.000277	0.00817	0.00000263	0.922	0.000526	1.41	0.00089	0.0000276	0.857	0.000652	0.00167	0.000101	0.0000561	0.000027	0.0216	0.00000526	0.0000161	0.000263	0.00168
2029 Mar	26.8	0.00814	0.00402	0.000526	5.49	0.034	3.83	0.00000526	0.00303	0.00027	0.00526	0.00889	0.0000105	4.24	0.00000306	0.0000526	0.0000775	0.000277	0.00817	0.00000263	0.922	0.000526	1.41	0.00089	0.0000276	0.857	0.000652	0.00167	0.000101	0.0000561	0.000027	0.0216	0.00000526	0.0000161	0.000263	0.00168
2029 Apr	26.8	0.00816	0.00403	0.000527	5.5	0.034	3.84	0.00000527	0.00304	0.00027	0.00527	0.0089	0.0000105	4.24	0.00000307	0.0000527	0.0000777	0.000278	0.00818	0.00000264	0.924	0.000527	1.41	0.000891	0.0000277	0.859	0.000654	0.00168	0.000101	0.0000562	0.000027	0.0217	0.00000527	0.0000161	0.000264	0.00169
2029 May	27	0.00822	0.00406	0.000531	5.54	0.0343	3.87	0.00000531	0.00306	0.000272	0.00531	0.00897	0.0000106	4.28	0.00000309	0.0000531	0.0000782	0.00028	0.00824	0.00000266	0.931	0.000531	1.42	0.000898	0.0000279	0.866	0.000659	0.00169	0.000102	0.0000566	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.0017
2029 Jun	27.3	0.00856	0.00411	0.000524	5.58	0.0344	3.9	0.00000524	0.00278	0.000272	0.00524	0.00911	0.0000105	4.3	0.00000296	0.0000524	0.0000774	0.000273	0.00759	0.00000262	0.941	0.000524	1.44	0.000814	0.0000272	0.875	0.000669	0.00173	0.0000867	0.0000552	0.0000267	0.0219	0.00000524	0.0000159	0.000262	0.00166
2029 Jul	27.7	0.00876	0.0042	0.000529	5.69	0.035	3.96	0.00000529	0.00274	0.000276	0.00529	0.00929	0.0000106	4.37	0.00000296	0.0000529	0.0000788	0.000275	0.00756	0.00000265	0.957	0.000529	1.47	0.000819	0.0000274	0.891	0.000683	0.00178	0.0000821	0.0000555	0.000027	0.0223	0.00000529	0.000016	0.000265	0.00166
2029 Aug	27.7	0.00863	0.00419	0.000535	5.69	0.035	3.96	0.00000535	0.00285	0.000277	0.00535	0.00929	0.0000107	4.38	0.00000298	0.0000535	0.0000795	0.000278	0.00789	0.00000267	0.958	0.000535	1.47	0.000871	0.0000279	0.892	0.000686	0.00177	0.0000809	0.000056	0.0000272	0.0224	0.00000535	0.0000163	0.000267	0.00168
2029 Sep	27.1	0.00837	0.00406	0.000531	5.55	0.0343	3.87	0.00000531	0.00293	0.000272	0.00531	0.00904	0.0000106	4.28	0.00000294	0.0000531	0.0000773	0.000275	0.00818	0.00000265	0.934	0.000531	1.43	0.000892	0.000028	0.87	0.000661	0.00171	0.000077	0.0000554	0.0000272	0.0218	0.00000531	0.0000163	0.000265	0.00166
2029 Oct	26.9	0.00825	0.00403	0.000529	5.51	0.0341	3.85	0.00000529	0.00302	0.000271	0.00529	0.00894	0.0000106	4.26	0.00000302	0.0000529	0.0000774	0.000277	0.00824	0.00000265	0.927	0.000529	1.42	0.000895	0.0000278	0.862	0.000654	0.00168	0.000092	0.000056	0.0000272	0.0217	0.00000529	0.0000162	0.000265	0.00168
2029 Nov	26.9	0.00816	0.00403	0.000529	5.51	0.0341	3.84	0.00000529	0.00306	0.000271	0.00529	0.00891	0.0000106	4.25	0.00000308	0.0000529	0.0000778	0.000278	0.00824	0.00000264	0.925	0.000529	1.41	0.000896	0.0000278	0.86	0.000654	0.00167	0.000102	0.0000564	0.0000271	0.0217	0.00000529	0.0000162	0.000264	0.00169
2029 Dec	26.8	0.00816	0.00403	0.000529	5.51	0.0341	3.84	0.00000529	0.00306	0.000271	0.00529	0.00891	0.0000106	4.25	0.00000308	0.0000529	0.0000778	0.000278	0.00824	0.00000264	0.925	0.000529	1.41	0.000896	0.0000278	0.86	0.000653	0.00167	0.000102	0.0000564	0.0000271	0.0217	0.00000529	0.0000162	0.000264	0.00169
2030 Jan	26.8	0.00816	0.00403	0.000529	5.51	0.0341	3.84	0.00000529	0.00306	0.000271	0.00529	0.00891	0.0000106	4.25	0.00000308	0.0000529	0.0000778	0.000278	0.00824	0.00000264	0.925	0.000529	1.41	0.000896	0.0000278	0.86	0.000653	0.00167	0.000102	0.0000564	0.0000271	0.0217	0.00000529	0.0000162	0.000264	0.00169
2030 Feb	26.8	0.00816	0.00403	0.000529	5.51	0.0341	3.84	0.00000529	0.00306	0.000271	0.00529	0.00891	0.0000106	4.25	0.00000308	0.0000529	0.0000778	0.000278	0.00824	0.00000264	0.925	0.000529	1.41	0.000896	0.0000278	0.86	0.000653	0.00167	0.000102	0.0000564	0.0000271	0.0217	0.00000529	0.0000162	0.000264	0.00169
2030 Mar	26.8	0.00816	0.00403	0.000529	5.51	0.0341	3.84	0.00000529	0.00306	0.000271	0.00529	0.00891	0.0000106	4.25	0.00000308	0.0000529	0.0000778	0.000278	0.00824	0.00000264	0.925	0.000529	1.41	0.000896	0.0000278	0.86	0.000653	0.00167	0.000102	0.0000564	0.0000271	0.0217	0.00000529	0.0000162	0.000264	0.00169
2030 Apr	26.9	0.00818	0.00404	0.00053	5.51	0.0341	3.85	0.0000053	0.00307	0.000271	0.0053	0.00893	0.0000106	4.26	0.00000308	0.000053	0.0000779	0.000279	0.00825	0.00000265	0.927	0.00053	1.42	0.000897	0.0000278	0.861	0.000655	0.00168	0.000102	0.0000565	0.0000272	0.0217	0.0000053	0.0000162	0.000265	0.00169
2030 May	27.1	0.00824	0.00407	0.000534	5.55	0.0344	3.88	0.00000534	0.00309	0.000273	0.00534	0.00899	0.0000107	4.29	0.0000031	0.0000534	0.0000785	0.000281	0.00831	0.00000267	0.934	0.000534	1.43	0.000904	0.000028	0.868	0.00066	0.0017	0.000103	0.0000569	0.0000274	0.0219	0.00000534	0.0000163	0.000267	0.00171
2030 Jun	27.3	0.00857	0.0041	0.000526	5.57	0.0345	3.91	0.00000526	0.00279	0.000272	0.00526	0.00912	0.0000105	4.3	0.00000298	0.0000526	0.0000774	0.000274	0.00763	0.00000263	0.942	0.000526	1.44	0.000818	0.0000274	0.877	0.00067	0.00173	0.0000871	0.0000554	0.0000268	0.022	0.00000526	0.000016	0.000263	0.00166

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	27.8	0.00876	0.00419	0.000531	5.68	0.035	3.97	0.00000531	0.00276	0.000276	0.00531	0.0093	0.0000106	4.38	0.00000297	0.0000531	0.0000788	0.000276	0.00761	0.00000265	0.958	0.000531	1.47	0.000824	0.0000275	0.892	0.000684	0.00178	0.0000826	0.0000557	0.0000271	0.0223	0.00000531	0.0000161	0.000265	0.00167
2030 Aug	27.8	0.00865	0.00419	0.000537	5.69	0.0351	3.97	0.00000537	0.00287	0.000278	0.00537	0.00931	0.0000107	4.39	0.000003	0.0000537	0.0000796	0.000279	0.00794	0.00000269	0.96	0.000537	1.47	0.000875	0.000028	0.893	0.000687	0.00177	0.0000816	0.0000563	0.0000274	0.0224	0.00000537	0.0000164	0.000269	0.00169
2030 Sep	27.1	0.00839	0.00406	0.000533	5.55	0.0344	3.88	0.00000533	0.00295	0.000273	0.00533	0.00906	0.0000107	4.29	0.00000296	0.0000533	0.0000774	0.000276	0.00822	0.00000266	0.936	0.000533	1.43	0.000895	0.0000281	0.872	0.000663	0.00172	0.0000776	0.0000557	0.0000273	0.0219	0.00000533	0.0000163	0.000266	0.00167
2030 Oct	26.9	0.00827	0.00403	0.000531	5.51	0.0342	3.86	0.00000531	0.00303	0.000272	0.00531	0.00895	0.0000106	4.26	0.00000303	0.0000531	0.0000774	0.000278	0.00827	0.00000266	0.928	0.000531	1.42	0.000898	0.0000279	0.864	0.000655	0.00169	0.0000923	0.0000562	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.00169
2030 Nov	26.9	0.00819	0.00403	0.00053	5.51	0.0342	3.85	0.0000053	0.00307	0.000271	0.0053	0.00893	0.0000106	4.26	0.00000308	0.000053	0.0000778	0.000279	0.00827	0.00000265	0.927	0.00053	1.42	0.000899	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000566	0.0000272	0.0217	0.0000053	0.0000163	0.000265	0.0017
2030 Dec	26.9	0.00819	0.00403	0.00053	5.51	0.0342	3.85	0.0000053	0.00307	0.000271	0.0053	0.00893	0.0000106	4.26	0.00000308	0.000053	0.0000778	0.000279	0.00827	0.00000265	0.927	0.00053	1.42	0.000899	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000566	0.0000272	0.0217	0.0000053	0.0000163	0.000265	0.0017
2031 Jan	26.9	0.00819	0.00403	0.00053	5.51	0.0342	3.85	0.0000053	0.00307	0.000271	0.0053	0.00893	0.0000106	4.26	0.00000308	0.000053	0.0000778	0.000279	0.00827	0.00000265	0.927	0.00053	1.42	0.000899	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000566	0.0000272	0.0217	0.0000053	0.0000163	0.000265	0.0017
2031 Feb	26.9	0.00819	0.00403	0.00053	5.51	0.0342	3.85	0.0000053	0.00307	0.000271	0.0053	0.00893	0.0000106	4.26	0.00000308	0.000053	0.0000778	0.000279	0.00827	0.00000265	0.927	0.00053	1.42	0.000899	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000566	0.0000272	0.0217	0.0000053	0.0000163	0.000265	0.0017
2031 Mar	26.9	0.00819	0.00403	0.000531	5.51	0.0342	3.85	0.00000531	0.00307	0.000271	0.00531	0.00893	0.0000106	4.26	0.00000308	0.0000531	0.0000778	0.000279	0.00827	0.00000265	0.927	0.000531	1.42	0.000899	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000566	0.0000272	0.0217	0.00000531	0.0000163	0.000265	0.0017
2031 Apr	27	0.0082	0.00404	0.000532	5.52	0.0342	3.86	0.00000532	0.00308	0.000272	0.00532	0.00894	0.0000106	4.27	0.00000309	0.0000532	0.0000779	0.00028	0.00828	0.00000266	0.929	0.000532	1.42	0.0009	0.0000279	0.863	0.000656	0.00169	0.000102	0.0000567	0.0000273	0.0218	0.00000532	0.0000163	0.000266	0.0017
2031 May	27.2	0.00827	0.00407	0.000536	5.56	0.0345	3.89	0.00000536	0.0031	0.000274	0.00536	0.00901	0.0000107	4.3	0.00000311	0.0000536	0.0000785	0.000282	0.00834	0.00000268	0.936	0.000536	1.43	0.000907	0.0000281	0.87	0.000661	0.00171	0.000103	0.0000571	0.0000275	0.0219	0.00000536	0.0000164	0.000268	0.00171
2031 Jun	27.3	0.0086	0.00411	0.000527	5.58	0.0345	3.92	0.00000527	0.0028	0.000273	0.00527	0.00913	0.0000105	4.31	0.00000298	0.0000527	0.0000774	0.000275	0.00765	0.00000264	0.943	0.000527	1.44	0.00082	0.0000274	0.878	0.000671	0.00174	0.000087	0.0000555	0.0000269	0.022	0.00000527	0.000016	0.000264	0.00167
2031 Jul	27.8	0.00878	0.00419	0.000532	5.69	0.0351	3.97	0.00000532	0.00277	0.000277	0.00532	0.00931	0.0000106	4.38	0.00000298	0.0000532	0.0000788	0.000276	0.00763	0.00000266	0.959	0.000532	1.47	0.000825	0.0000276	0.893	0.000685	0.00178	0.0000825	0.0000558	0.0000271	0.0224	0.00000532	0.0000161	0.000266	0.00167
2031 Aug	27.8	0.00867	0.00419	0.000538	5.69	0.0352	3.98	0.00000538	0.00288	0.000278	0.00538	0.00932	0.0000108	4.39	0.000003	0.0000538	0.0000796	0.000279	0.00796	0.00000269	0.96	0.000538	1.47	0.000876	0.0000281	0.894	0.000688	0.00178	0.0000815	0.0000563	0.0000274	0.0224	0.00000538	0.0000164	0.000269	0.00169
2031 Sep	27.2	0.00841	0.00407	0.000534	5.56	0.0344	3.89	0.00000534	0.00296	0.000273	0.00534	0.00907	0.0000107	4.3	0.00000296	0.0000534	0.0000774	0.000276	0.00823	0.00000267	0.937	0.000534	1.43	0.000897	0.0000281	0.873	0.000663	0.00172	0.0000775	0.0000558	0.0000274	0.0219	0.00000534	0.0000164	0.000267	0.00167
2031 Oct	27	0.00829	0.00404	0.000532	5.52	0.0342	3.86	0.00000532	0.00304	0.000272	0.00532	0.00896	0.0000106	4.27	0.00000304	0.0000532	0.0000775	0.000278	0.00829	0.00000266	0.929	0.000532	1.42	0.000899	0.000028	0.865	0.000656	0.00169	0.0000922	0.0000563	0.0000273	0.0218	0.00000532	0.0000163	0.000266	0.00169
2031 Nov	26.9	0.0082	0.00403	0.000531	5.51	0.0342	3.86	0.00000531	0.00308	0.000272	0.00531	0.00894	0.0000106	4.26	0.00000309	0.0000531	0.0000778	0.00028	0.00829	0.00000266	0.928	0.000531	1.42	0.0009	0.0000279	0.863	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.0017
2031 Dec	26.9	0.0082	0.00403	0.000531	5.51	0.0342	3.86	0.00000531	0.00308	0.000272	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000778	0.00028	0.00829	0.00000266	0.928	0.000531	1.42	0.0009	0.0000279	0.863	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.0017
2032 Jan	26.9	0.0082	0.00403	0.000531	5.51	0.0342	3.86	0.00000531	0.00308	0.000272	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000778	0.00028	0.00828	0.00000266	0.928	0.000531	1.42	0.0009	0.0000279	0.863	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.0017
2032 Feb	26.9	0.0082	0.00403	0.000531	5.51	0.0342	3.86	0.00000531	0.00308	0.000272	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000778	0.00028	0.00828	0.00000266	0.928	0.000531	1.42	0.0009	0.0000279	0.863	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0218	0.00000531	0.0000163	0.000266	0.0017
2032 Mar	26.9	0.0082	0.00403	0.000532	5.51	0.0342	3.86	0.00000532	0.00308	0.000272	0.00532	0.00894	0.0000106	4.26	0.00000309	0.0000532	0.0000778	0.00028	0.00829	0.00000266	0.928	0.000532	1.42	0.0009	0.0000279	0.863	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0218	0.00000532	0.0000163	0.000266	0.0017
2032 Apr	27	0.00822	0.00404	0.000533	5.52	0.0343	3.87	0.00000533	0.00309	0.000272	0.00533	0.00895	0.0000107	4.27	0.00000309	0.0000533	0.000078	0.00028	0.0083	0.00000266	0.93	0.000533	1.42	0.000901	0.000028	0.864	0.000657	0.00169	0.000102	0.0000568	0.0000274	0.0218	0.00000533	0.0000163	0.000266	0.0017
2032 May	27.2	0.00829	0.00407	0.000537	5.56	0.0345	3.9	0.00000537	0.00311	0.000274	0.00537	0.00902	0.0000107	4.3	0.00000312	0.0000537	0.0000785	0.000283	0.00836	0.00000268	0.937	0.000537	1.43	0.000908	0.0000282	0.871	0.000662	0.00171	0.000103	0.0000572	0.0000276	0.022	0.00000537	0.0000164	0.000268	0.00172
2032 Jun	27.4	0.00861	0.00411	0.000528	5.58	0.0346	3.92	0.00000528	0.00281	0.000273	0.00528	0.00914	0.0000106	4.32	0.00000298	0.0000528	0.0000774	0.000275	0.00766	0.00000264	0.944	0.000528	1.45	0.000821	0.0000275	0.879	0.000671	0.00174	0.0000869	0.0000556	0.000027	0.022	0.00000528	0.000016	0.000264	0.00167
2032 Jul	27.8	0.0088	0.0042	0.000533	5.69	0.0351	3.98	0.00000533	0.00277	0.000277	0.00533	0.00931	0.0000107	4.39	0.00000298	0.0000533	0.0000789	0.000277	0.00764	0.00000266	0.96	0.000533	1.47	0.000826	0.0000276	0.894	0.000685	0.00178	0.0000824	0.0000559	0.0000272	0.0224	0.00000533	0.0000162	0.000266	0.00168
2032 Aug	27.8	0.00866	0.00418	0.000538	5.69	0.0351	3.98	0.00000538	0.00288	0.000278	0.00538	0.00931	0.0000108	4.39	0.000003	0.0000538	0.0000795	0.000279	0.00797	0.00000269	0.96	0.000538	1.47	0.000878	0.0000281	0.894	0.000688	0.00178	0.0000812	0.0000564	0.0000274	0.0224	0.00000538	0.0000164	0.000269	0.00169
2032 Sep	27.2	0.0084	0.00406	0.000534	5.55	0.0344	3.89	0.00000534	0.00296	0.000273	0.00534	0.00906	0.0000107	4.3	0.00000296	0.0000534	0.0000773	0.000276	0.00824	0.00000267	0.936	0.000534	1.43	0.000898	0.0000281	0.872	0.000663	0.00172	0.0000772	0.0000558	0.0000274	0.0219	0.00000534	0.0000164	0.000267	0.00167
2032 Oct	27	0.00827	0.00403	0.000532	5.51	0.0342	3.86	0.00000532	0.00304	0.000272	0.00532	0.00895	0.0000106	4.26	0.00000304	0.0000532	0.0000774	0.000278	0.0083	0.00000266	0.929	0.000532	1.42	0.000901	0.000028	0.864	0.000655	0.00169	0.0000925	0.0000563	0.0000273	0.0218	0.00000532	0.0000163	0.000266	0.00169
2032 Nov	26.9	0.00819	0.00403	0.000531	5.51	0.0342	3.85	0.00000531	0.00309	0.000271	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000778	0.00028	0.0083	0.00000266	0.927	0.000531	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2032 Dec	26.9	0.00819	0.00403	0.000531	5.5	0.0342	3.85	0.00000531	0.00309	0.000271	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000777	0.00028	0.0083	0.00000266	0.927	0.000531	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2033 Jan	26.9	0.00819	0.00403	0.000531	5.5	0.0342	3.85	0.00000531	0.00309	0.000271	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000777	0.00028	0.0083	0.00000266	0.927	0.000531	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2033 Feb	26.9	0.00819	0.00403	0.000531	5.5	0.0342	3.85	0.00000531	0.00309	0.000271	0.00531	0.00893	0.0000106	4.26	0.00000309	0.0000531	0.0000777	0.00028	0.0083	0.00000266	0.927	0.000531	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2033 Mar	26.9	0.00819	0.00403	0.000532	5.5	0.0342	3.85	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.0083	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2033 Apr	27	0.0082	0.00404	0.000533	5.51	0.0342	3.86	0.00000533	0.00309	0.000272	0.00533	0.00894	0.0000107	4.27	0.0000031	0.0000533	0.0000779	0.00028	0.00831	0.00000266	0.929	0.000533	1.42	0.000903	0.000028	0.864	0.000656	0.00169	0.000102	0.0000568	0.0000274	0.0218	0.00000533	0.0000163	0.000266	0.0017
2033 May	27.2	0.00827	0.00406	0.000537	5.55	0.0345	3.89	0.00000537	0.00311	0.000274	0.00537	0.00901	0.0000107	4.3	0.00000312	0.0000537	0.0000784	0.000283	0.00837	0.00000268	0.936	0.000537	1.43	0.000909	0.0000282	0.87	0.000662	0.00171	0.000103	0.0000572	0.0000276	0.0219	0.00000537	0.0000165	0.000268	0.00172
2033 Jun	27.3	0.0086	0.0041	0.000527	5.57	0.0345	3.92	0.00000527	0.00281	0.000273	0.00527	0.00912	0.0000105	4.31	0.00000298	0.0000527	0.0000772	0.000275	0.00765	0.00000264	0.943	0.000527	1.44	0.00082	0.0000275	0.878	0.000671	0.00174	0.0000867	0.0000556	0.000027	0.022	0.00000527	0.000016	0.000264	0.00167
2033 Jul	27.8	0.00878	0.00418	0.000532	5.67	0.035	3.98	0.00000532	0.00277	0.000277	0.00532	0.0093	0.0000106	4.38	0.00000298	0.0000532	0.0000787	0.000277	0.00763	0.00000266	0.959	0.000532	1.47	0.000825	0.0000276	0.893	0.000685	0.00178	0.0000823	0.0000558	0.0000272	0.0223	0.00000532	0.0000162	0.000266	0.00168
2033 Aug	27.8	0.00867	0.00418	0.000539	5.68	0.0352	3.98	0.00000539	0.00288	0.000278	0.00539	0.00931	0.0000108	4.39	0.000003	0.0000539	0.0000794	0.000279	0.00796	0.00000269	0.96	0.000539	1.47	0.000877	0.0000281	0.894	0.000688	0.00178	0.0000813	0.0000564	0.0000275	0.0224	0.00000539	0.0000164	0.000269	0.00169
2033 Sep	27.2	0.00841	0.00406	0.000534	5.55	0.0344	3.89	0.00000534	0.00296	0.000273	0.00534	0.00906	0.0000107	4.3	0.00000296	0.0000534	0.0000772	0.000277	0.00824	0.00000267	0.937	0.000534	1.43	0.000898	0.0000282	0.873	0.000664	0.00172	0.0000773	0.0000558	0.0000274	0.0219	0.00000534	0.0000164	0.000267	0.00167
2033 Oct	27	0.00828	0.00403	0.000532	5.5	0.0342	3.86	0.00000532	0.00305	0.000272	0.00532	0.00895	0.0000106	4.26	0.00000304	0.0000532	0.0000773	0.000279	0.00829	0.00000266	0.929	0.000532	1.42	0.0009	0.000028	0.864	0.000656	0.00169	0.0000928	0.0000563	0.0000274	0.0218	0.00000532	0.0000163	0.000266	0.00169
2033 Nov	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.00829	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000103	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2033 Dec	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.00829	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000103	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2034 Jan	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.00829	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000103	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2034 Feb	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.00829	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000103	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2034 Mar	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.00309	0.000271	0.00532	0.00893	0.0000106	4.26	0.00000309	0.0000532	0.0000777	0.00028	0.00829	0.00000266	0.927	0.000532	1.42	0.000901	0.0000279	0.862	0.000655	0.00168	0.000103	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2034 Apr	27	0.00821	0.00403	0.000533	5.51	0.0342	3.86	0.00000533	0.0031	0.000272	0.00533	0.00894	0.0000107	4.27	0.0000031	0.0000533	0.0000778	0.000281	0.00831	0.00000266	0.929	0.000533	1.42	0.000902	0.000028	0.864	0.000657	0.00169	0.000103	0.0000568	0.0000274	0.0218	0.00000533	0.0000163	0.000266	0.0017
2034 May	27.2	0.00827	0.00406	0.000537	5.55	0.0345	3.89	0.00000537	0.00312	0.000274	0.00537	0.00901	0.0000107	4.3	0.00000312	0.0000537	0.0000784	0.000283	0.00836	0.00000269	0.936	0.000537	1.43	0.000909	0.0000282	0.871	0.000662	0.00171	0.000104	0.0000573	0.0000276	0.0219	0.00000537	0.0000165	0.000269	0.00172
2034 Jun	27.3	0.0086	0.00409	0.000528	5.56	0.0345	3.92	0.00000528	0.00281	0.000273	0.00528	0.00912	0.0000106	4.31	0.00000298	0.0000528	0.0000772	0.000275	0.00764	0.00000264	0.943	0.000528	1.44	0.000819	0.0000275	0.878	0.000671	0.00174	0.000087	0.0000556	0.000027	0.022	0.00000528	0.000016	0.000264	0.00167
2034 Jul	27.8	0.00878	0.00418	0.000532	5.67	0.035	3.97	0.00000532	0.00277	0.000276	0.00532	0.00929	0.0000106	4.38	0.00000298	0.0000532	0.0000786	0.000277	0.00763	0.00000266	0.958	0.000532	1.47	0.000825	0.0000276	0.893	0.000685	0.00178	0.0000825	0.0000558	0.0000272	0.0223	0.00000532	0.0000162	0.000266	0.00167
2034 Aug	27.8	0.00864	0.00417	0.000538	5.67	0.0351	3.97	0.00000538	0.00289	0.000278	0.00538	0.00929	0.0000108	4.38	0.000003	0.0000538	0.0000793	0.000279	0.00796	0.00000269	0.958	0.000538	1.47	0.000879	0.0000281	0.893	0.000687	0.00177	0.0000813	0.0000563	0.0000274	0.0223	0.00000538	0.0000164	0.000269	0.00169
2034 Sep	27.1	0.00838	0.00404	0.000534	5.53	0.0343	3.88	0.00000534	0.00297	0.000273	0.00534	0.00904	0.0000107	4.29	0.00000296	0.0000534	0.0000771	0.000276	0.00824	0.00000267	0.935	0.000534	1.43	0.000899	0.0000281	0.871	0.000663	0.00172	0.0000774	0.0000558	0.0000274	0.0218	0.00000534	0.0000164	0.000267	0.00167
2034 Oct	26.9	0.00826	0.00402	0.000532	5.49	0.0341	3.86	0.00000532	0.00305	0.000271	0.00532	0.00894	0.0000106	4.26	0.00000304	0.0000532	0.0000772	0.000278	0.0083	0.00000266	0.927	0.000532	1.42	0.000902	0.000028	0.863	0.000655	0.00169	0.0000927	0.0000563	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.00169
2034 Nov	26.9	0.00817	0.00401	0.000531	5.49	0.0341	3.85	0.00000531	0.00309	0.000271	0.00531	0.00891	0.0000106	4.25	0.00000309	0.0000531	0.0000776	0.00028	0.0083	0.00000266	0.926	0.000531	1.42	0.000902	0.0000279	0.861	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2034 Dec	26.9	0.00817	0.00401	0.000531	5.49	0.0341	3.85	0.00000531	0.00309	0.000271	0.00531	0.00891	0.0000106	4.25	0.00000309	0.0000531	0.0000776	0.00028	0.0083	0.00000266	0.926	0.000531	1.42	0.000902	0.0000279	0.861	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2035 Jan	26.9	0.00817	0.00401	0.000531	5.49	0.0341	3.85	0.00000531	0.00309	0.000271	0.00531	0.00891	0.0000106	4.25	0.00000309	0.0000531	0.0000776	0.00028	0.0083	0.00000266	0.926	0.000531	1.42	0.000902	0.0000279	0.861	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2035 Feb	26.9	0.00817	0.00401	0.000531	5.49	0.0341	3.85	0.00000531	0.00309	0.000271	0.00531	0.00891	0.0000106	4.25	0.00000309	0.0000531	0.0000776	0.00028	0.0083	0.00000266	0.926	0.000531	1.42	0.000902	0.0000279	0.861	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2035 Mar	26.9	0.00817	0.00401	0.000531	5.49	0.0341	3.85	0.00000531	0.00309	0.000271	0.00531	0.00891	0.0000106	4.25	0.00000309	0.0000531	0.0000776	0.00028	0.0083	0.00000266	0.926	0.000531	1.42	0.000902	0.0000279	0.861	0.000655	0.00168	0.000102	0.0000567	0.0000273	0.0217	0.00000531	0.0000163	0.000266	0.0017
2035 Apr	26.9	0.00819	0.00402	0.000532	5.5	0.0342	3.86	0.00000532	0.0031	0.000272	0.00532	0.00893	0.0000106	4.26	0.0000031	0.0000532	0.0000777	0.00028	0.00831	0.00000266	0.927	0.000532	1.42	0.000904	0.000028	0.863	0.000656	0.00169	0.000103	0.0000568	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2035 May	27.1	0.00825	0.00405	0.000537	5.53	0.0345	3.89	0.00000537	0.00312	0.000274	0.00537	0.00899	0.0000107	4.29	0.00000312	0.0000537	0.0000782	0.000283	0.00837	0.00000268	0.934	0.000537	1.43	0.00091	0.0000282	0.869	0.000661	0.00171	0.000103	0.0000572	0.0000276	0.0219	0.00000537	0.0000165	0.000268	0.00172
2035 Jun	27.3	0.00858	0.00407	0.000527	5.54	0.0345	3.91	0.00000527	0.00281	0.000272	0.00527	0.0091	0.0000105	4.3	0.00000298	0.0000527	0.0000769	0.000275	0.00764	0.00000264	0.94	0.000527	1.44	0.00082	0.0000274	0.877	0.000671	0.00173	0.0000865	0.0000555	0.0000269	0.0219	0.00000527	0.000016	0.000264	0.00167
2035 Jul	27.7	0.00876	0.00416	0.000533	5.65	0.035	3.97	0.00000533	0.00278	0.000276	0.00533	0.00928	0.0000107	4.37	0.00000298	0.0000533	0.0000785	0.000277	0.00764	0.00000266	0.957	0.000533	1.47	0.000828	0.0000276	0.892	0.000685	0.00178	0.0000825	0.0000559	0.0000272	0.0223	0.00000533	0.0000162	0.000266	0.00168
2035 Aug	27.7	0.00863	0.00415	0.000538	5.65	0.0351	3.97	0.00000538	0.0029	0.000277	0.00538	0.00928	0.0000108	4.38	0.000003	0.0000538	0.0000791	0.000279	0.00798	0.00000269	0.957	0.000538	1.47	0.000881	0.0000281	0.892	0.000687	0.00177	0.0000813	0.0000564	0.0000274	0.0223	0.00000538	0.0000164	0.000269	0.00169
2035 Sep	27.1	0.00837	0.00403	0.000534	5.52	0.0343	3.88	0.00000534	0.00298	0.000273	0.00534	0.00904	0.0000107	4.28	0.00000296	0.0000534	0.000077	0.000277	0.00825	0.00000267	0.934	0.000534	1.43	0.000902	0.0000282	0.871	0.000663	0.00171	0.0000774	0.0000558	0.0000274	0.0218	0.00000534	0.0000164	0.000267	0.00167
2035 Oct	26.9	0.00824	0.00401	0.000532	5.48	0.0341	3.85	0.00000532	0.00306	0.000271	0.00532	0.00893	0.0000106	4.25	0.00000304	0.0000532	0.0000771	0.000279	0.00831	0.00000266	0.926	0.000532	1.42	0.000904	0.000028	0.863	0.000655	0.00168	0.0000934	0.0000563	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.00169
2035 Nov	26.9	0.00815	0.004	0.000532	5.48	0.0341	3.85	0.00000532	0.0031	0.000271	0.00532	0.0089	0.0000106	4.25	0.0000031	0.0000532	0.0000775	0.00028	0.0083	0.00000266	0.925	0.000532	1.41	0.000904	0.0000279	0.86	0.000655	0.00167	0.000104	0.0000568	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2035 Dec	26.9	0.00815	0.004	0.000532	5.48	0.0341	3.85	0.00000532	0.0031	0.000271	0.00532	0.0089	0.0000106	4.25	0.0000031	0.0000532	0.0000775	0.00028	0.0083	0.00000266	0.925	0.000532	1.41	0.000904	0.0000279	0.86	0.000655	0.00167	0.000104	0.0000568	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2036 Jan	26.8	0.00815	0.004	0.000532	5.48	0.0341	3.85	0.00000532	0.0031	0.000271	0.00532	0.0089	0.0000106	4.25	0.0000031	0.0000532	0.0000775	0.00028	0.0083	0.00000266	0.925	0.000532	1.41	0.000904	0.0000279	0.86	0.000655	0.00167	0.000104	0.0000567	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2036 Feb	26.9	0.00815	0.004	0.000532	5.48	0.0341	3.85	0.00000532	0.0031	0.000271	0.00532	0.0089	0.0000106	4.25	0.0000031	0.0000532	0.0000775	0.00028	0.0083	0.00000266	0.925	0.000532	1.41	0.000904	0.0000279	0.86	0.000655	0.00167	0.000104	0.0000568	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2036 Mar	26.9	0.00815	0.00401	0.000532	5.48	0.0341	3.85	0.00000532	0.0031	0.000271	0.00532	0.0089	0.0000106	4.25	0.0000031	0.0000532	0.0000775	0.00028	0.0083	0.00000266	0.925	0.000532	1.41	0.000904	0.0000279	0.86	0.000655	0.00167	0.000104	0.0000568	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.0017
2036 Apr	26.9	0.00817	0.00401	0.000533	5.48	0.0342	3.86	0.00000533	0.00311	0.000271	0.00533	0.00892	0.0000107	4.25	0.0000031	0.0000533	0.0000776	0.000281	0.00832	0.00000266	0.927	0.000533	1.42	0.000906	0.000028	0.862	0.000656	0.00168	0.000104	0.0000569	0.0000274	0.0217	0.00000533	0.0000163	0.000266	0.00171
2036 May	27.1	0.00823	0.00404	0.000537	5.52	0.0345	3.89	0.00000537	0.00313	0.000273	0.00537	0.00899	0.0000107	4.29	0.00000313	0.0000537	0.0000782	0.000283	0.00838	0.00000269	0.934	0.000537	1.43	0.000913	0.0000282	0.869	0.000662	0.00171	0.000104	0.0000573	0.0000276	0.0219	0.00000537	0.0000165	0.000269	0.00172
2036 Jun	27.3	0.00857	0.00407	0.000527	5.53	0.0345	3.91	0.00000527	0.00282	0.000272	0.00527	0.0091	0.0000105	4.29	0.00000299	0.0000527	0.0000769	0.000275	0.00764	0.00000264	0.94	0.000527	1.44	0.000821	0.0000274	0.876	0.000671	0.00173	0.0000874	0.0000556	0.0000269	0.0219	0.00000527	0.000016	0.000264	0.00167
2036 Jul	27.7	0.00874	0.00415	0.000533	5.64	0.035	3.97	0.00000533	0.00279	0.000276	0.00533	0.00927	0.0000107	4.36	0.00000299	0.0000533	0.0000784	0.000277	0.00765	0.00000266	0.956	0.000533	1.46	0.000831	0.0000276	0.891	0.000685	0.00177	0.0000832	0.0000559	0.0000272	0.0223	0.00000533	0.0000162	0.000266	0.00168
2036 Aug	27.7	0.00862	0.00415	0.000539	5.65	0.0351	3.97	0.00000539	0.0029	0.000277	0.00539	0.00928	0.0000108	4.37	0.00000301	0.0000539	0.0000791	0.00028	0.00798	0.00000269	0.956	0.000539	1.46	0.000883	0.0000281	0.892	0.000688	0.00177	0.0000821	0.0000564	0.0000274	0.0223	0.00000539	0.0000164	0.000269	0.00169
2036 Sep	27.1	0.00836	0.00402	0.000534	5.51	0.0343	3.88	0.00000534	0.00298	0.000272	0.00534	0.00902	0.0000107	4.28	0.00000296	0.0000534	0.0000769	0.000277	0.00825	0.00000267	0.933	0.000534	1.43	0.000903	0.0000282	0.87	0.000663	0.00171	0.000078	0.0000558	0.0000274	0.0218	0.00000534	0.0000164	0.000267	0.00167
2036 Oct	26.8	0.00822	0.00399	0.000532	5.47	0.0341	3.85	0.00000532	0.00307	0.000271	0.00532	0.00891	0.0000106	4.25	0.00000305	0.0000532	0.000077	0.000279	0.00831	0.00000266	0.925	0.000532	1.41	0.000905	0.000028	0.861	0.000655	0.00168	0.0000941	0.0000563	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00169
2036 Nov	26.8	0.00813	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000774	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000905	0.0000279	0.859	0.000654	0.00167	0.000104	0.0000567	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2036 Dec	26.8	0.00813	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000774	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000905	0.0000279	0.859	0.000654	0.00167	0.000104	0.0000567	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2037 Jan	26.8	0.00813	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000774	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000905	0.0000279	0.859	0.000654	0.00167	0.000104	0.0000567	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2037 Feb	26.8	0.00813	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000774	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000905	0.0000279	0.859	0.000654	0.00167	0.000104	0.0000567	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2037 Mar	26.8	0.00813	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000774	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000905	0.0000279	0.859	0.000654	0.00167	0.000104	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2037 Apr	26.9	0.00815	0.004	0.000532	5.47	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.0089	0.0000106	4.25	0.00000311	0.0000532	0.0000775	0.000281	0.00832	0.00000266	0.925	0.000532	1.41	0.000907	0.000028	0.861	0.000656	0.00168	0.000105	0.0000569	0.0000273	0.0217	0.00000532	0.0000163	0.000266	0.00171
2037 May	27.1	0.00821	0.00403	0.000537	5.51	0.0344	3.88	0.00000537	0.00314	0.000273	0.00537	0.00897	0.0000107	4.28	0.00000313	0.0000537	0.0000781	0.000283	0.00838	0.00000268	0.932	0.000537	1.43	0.000913	0.0000282	0.867	0.000661	0.0017	0.000105	0.0000573	0.0000276	0.0218	0.00000537	0.0000165	0.000268	0.00172
2037 Jun	27.2	0.00855	0.00406	0.000527	5.52	0.0344	3.91	0.00000527	0.00282	0.000271	0.00527	0.00908	0.0000105	4.29	0.00000299	0.0000527	0.0000768	0.000275	0.00764	0.00000263	0.938	0.000527	1.44	0.000822	0.0000274	0.875	0.00067	0.00173	0.000088	0.0000556	0.0000269	0.0218	0.00000527	0.000016	0.000263	0.00167
2037 Jul	27.7	0.00873	0.00415	0.000532	5.63	0.0349	3.96	0.00000532	0.00279	0.000276	0.00532	0.00926	0.0000106	4.36	0.00000299	0.0000532	0.0000783	0.000277	0.00764	0.00000266	0.955	0.000532	1.46	0.000829	0.0000276	0.89	0.000684	0.00177	0.0000837	0.0000559	0.0000271	0.0222	0.00000532	0.0000162	0.000266	0.00168
2037 Aug	27.7	0.0086	0.00414	0.000538	5.63	0.035	3.96	0.00000538	0.00291	0.000277	0.00538	0.00926	0.0000108	4.37	0.00000301	0.0000538	0.0000789	0.000279	0.00798	0.00000269	0.955	0.000538	1.46	0.000883	0.0000281	0.89	0.000687	0.00176	0.0000825	0.0000564	0.0000274	0.0222	0.00000538	0.0000164	0.000269	0.00169
2037 Sep	27	0.00834	0.00402	0.000534	5.5	0.0343	3.87	0.00000534	0.00299	0.000272	0.00534	0.00901	0.0000107	4.27	0.00000297	0.0000534	0.0000768	0.000277	0.00825	0.00000267	0.932	0.000534	1.42	0.000903	0.0000281	0.869	0.000662	0.00171	0.0000785	0.0000558	0.0000273	0.0218	0.00000534	0.0000164	0.000267	0.00167
2037 Oct	26.8	0.00821	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00307	0.000271	0.00532	0.00891	0.0000106	4.24	0.00000305	0.0000532	0.000077	0.000279	0.00831	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.861	0.000655	0.00168	0.0000945	0.0000564	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00169
2037 Nov	26.8	0.00812	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000773	0.00028	0.00831	0.00000266	0.923	0.000531	1.41	0.000906	0.0000279	0.859	0.000654	0.00167	0.000105	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2037 Dec	26.8	0.00812	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000773	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000906	0.0000279	0.858	0.000654	0.00167	0.000105	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2038 Jan	26.8	0.00812	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000773	0.00028	0.0083	0.00000266	0.922	0.000531	1.41	0.000906	0.0000279	0.858	0.000654	0.00167	0.000105	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2038 Feb	26.8	0.00812	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000773	0.00028	0.0083	0.00000266	0.922	0.000531	1.41	0.000906	0.0000279	0.858	0.000654	0.00167	0.000105	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2038 Mar	26.8	0.00812	0.00399	0.000531	5.46	0.0341	3.84	0.00000531	0.00311	0.00027	0.00531	0.00888	0.0000106	4.24	0.0000031	0.0000531	0.0000773	0.00028	0.0083	0.00000266	0.923	0.000531	1.41	0.000906	0.0000279	0.859	0.000654	0.00167	0.000105	0.0000568	0.0000273	0.0216	0.00000531	0.0000163	0.000266	0.0017
2038 Apr	26.8	0.00814	0.004	0.000532	5.47	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000311	0.0000532	0.0000775	0.000281	0.00832	0.00000266	0.924	0.000532	1.41	0.000907	0.000028	0.86	0.000656	0.00168	0.000105	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2038 May	27	0.0082	0.00402	0.000537	5.5	0.0344	3.88	0.00000537	0.00314	0.000273	0.00537	0.00896	0.0000107	4.28	0.00000313	0.0000537	0.000078	0.000283	0.00838	0.00000268	0.931	0.000537	1.42	0.000914	0.0000282	0.867	0.000661	0.0017	0.000105	0.0000573	0.0000276	0.0218	0.00000537	0.0000165	0.000268	0.00172
2038 Jun	27.2	0.00854	0.00405	0.000527	5.51	0.0344	3.9	0.00000527	0.00282	0.000271	0.00527	0.00908	0.0000105	4.28	0.00000299	0.0000527	0.0000767	0.000275	0.00763	0.00000263	0.938	0.000527	1.44	0.000821	0.0000274	0.874	0.000671	0.00172	0.0000881	0.0000556	0.0000269	0.0218	0.00000527	0.000016	0.000263	0.00167
2038 Jul	27.7	0.00872	0.00414	0.000533	5.62	0.0349	3.97	0.00000533	0.0028	0.000276	0.00533	0.00926	0.0000107	4.36	0.00000299	0.0000533	0.0000783	0.000277	0.00766	0.00000266	0.954	0.000533	1.46	0.000833	0.0000276	0.89	0.000685	0.00177	0.0000841	0.000056	0.0000272	0.0222	0.00000533	0.0000162	0.000266	0.00168
2038 Aug	27.7	0.00862	0.00414	0.000539	5.64	0.0351	3.97	0.00000539	0.00291	0.000277	0.00539	0.00928	0.0000108	4.38	0.00000302	0.0000539	0.000079	0.00028	0.00798	0.0000027	0.957	0.000539	1.47	0.000883	0.0000281	0.892	0.000689	0.00177	0.0000832	0.0000566	0.0000275	0.0223	0.00000539	0.0000165	0.00027	0.0017
2038 Sep	27.1	0.00836	0.00402	0.000535	5.5	0.0343	3.88	0.00000535	0.00299	0.000272	0.00535	0.00903	0.0000107	4.28	0.00000297	0.0000535	0.0000769	0.000277	0.00826	0.00000268	0.933	0.000535	1.43	0.000903	0.0000282	0.87	0.000664	0.00171	0.0000791	0.0000559	0.0000274	0.0218	0.00000535	0.0000164	0.000268	0.00168
2038 Oct	26.9	0.00822	0.00399	0.000533	5.47	0.0341	3.86	0.00000533	0.00308	0.000271	0.00533	0.00892	0.0000107	4.25	0.00000306	0.0000533	0.000077	0.000279	0.00831	0.00000267	0.926	0.000533	1.42	0.000905	0.000028	0.862	0.000656	0.00168	0.0000956	0.0000565	0.0000274	0.0217	0.00000533	0.0000164	0.000267	0.0017
2038 Nov	26.8	0.00813	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000312	0.0000532	0.0000774	0.000281	0.00831	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000106	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2038 Dec	26.8	0.00813	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000311	0.0000532	0.0000774	0.000281	0.00831	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000106	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2039 Jan	26.8	0.00813	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000311	0.0000532	0.0000774	0.000281	0.0083	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000106	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2039 Feb	26.8	0.00813	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000311	0.0000532	0.0000774	0.000281	0.0083	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000106	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2039 Mar	26.8	0.00813	0.00399	0.000532	5.46	0.0341	3.85	0.00000532	0.00312	0.000271	0.00532	0.00889	0.0000106	4.24	0.00000312	0.0000532	0.0000774	0.000281	0.00831	0.00000266	0.924	0.000532	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000106	0.0000569	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2039 Apr	26.9	0.00815	0.004	0.000533	5.47	0.0342	3.86	0.00000533	0.00313	0.000271	0.00533	0.00891	0.0000107	4.25	0.00000312	0.0000533	0.0000776	0.000281	0.00832	0.00000267	0.926	0.000533	1.42	0.000907	0.000028	0.862	0.000657	0.00168	0.000106	0.000057	0.0000274	0.0217	0.00000533	0.0000164	0.000267	0.00171
2039 May	27.1	0.00821	0.00403	0.000538	5.51	0.0344	3.89	0.00000538	0.00315	0.000273	0.00538	0.00898	0.0000108	4.28	0.00000314	0.0000538	0.0000781	0.000284	0.00838	0.00000269	0.933	0.000538	1.43	0.000914	0.0000282	0.868	0.000663	0.0017	0.000107	0.0000575	0.0000276	0.0218	0.00000538	0.0000165	0.000269	0.00172

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	27.2	0.00855	0.00405	0.000528	5.51	0.0344	3.91	0.00000528	0.00283	0.000271	0.00528	0.00908	0.0000106	4.29	0.000003	0.0000528	0.0000767	0.000275	0.00763	0.00000264	0.939	0.000528	1.44	0.000821	0.0000274	0.875	0.000672	0.00172	0.000089	0.0000557	0.0000269	0.0218	0.00000528	0.0000161	0.000264	0.00167
2039 Jul	27.7	0.00872	0.00414	0.000533	5.62	0.0349	3.97	0.00000533	0.00281	0.000275	0.00533	0.00925	0.0000107	4.36	0.000003	0.0000533	0.0000783	0.000277	0.00766	0.00000267	0.954	0.000533	1.46	0.000834	0.0000276	0.89	0.000685	0.00177	0.0000849	0.000056	0.0000272	0.0222	0.00000533	0.0000162	0.000267	0.00168
2039 Aug	27.7	0.00861	0.00414	0.00054	5.63	0.0351	3.97	0.0000054	0.00292	0.000277	0.0054	0.00927	0.0000108	4.37	0.00000302	0.000054	0.000079	0.00028	0.00798	0.0000027	0.956	0.00054	1.46	0.000884	0.0000281	0.892	0.000689	0.00176	0.0000839	0.0000566	0.0000275	0.0223	0.0000054	0.0000165	0.00027	0.0017
2039 Sep	27	0.00835	0.00401	0.000535	5.49	0.0343	3.88	0.00000535	0.003	0.000272	0.00535	0.00902	0.0000107	4.28	0.00000298	0.0000535	0.0000768	0.000277	0.00826	0.00000268	0.932	0.000535	1.43	0.000904	0.0000282	0.87	0.000663	0.00171	0.0000797	0.000056	0.0000274	0.0218	0.00000535	0.0000164	0.000268	0.00168
2039 Oct	26.8	0.00821	0.00398	0.000533	5.45	0.0341	3.85	0.00000533	0.00308	0.000271	0.00533	0.00891	0.0000107	4.24	0.00000306	0.0000533	0.000077	0.000279	0.00831	0.00000266	0.924	0.000533	1.41	0.000906	0.000028	0.861	0.000655	0.00167	0.0000965	0.0000565	0.0000274	0.0216	0.00000533	0.0000164	0.000266	0.0017
2039 Nov	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00888	0.0000106	4.24	0.00000312	0.0000532	0.0000774	0.000281	0.00831	0.00000266	0.923	0.000532	1.41	0.000907	0.0000279	0.859	0.000655	0.00166	0.000107	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2039 Dec	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.00831	0.00000266	0.923	0.000532	1.41	0.000907	0.0000279	0.859	0.000655	0.00166	0.000107	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2040 Jan	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.00831	0.00000266	0.922	0.000532	1.41	0.000907	0.0000279	0.859	0.000655	0.00166	0.000107	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2040 Feb	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.00831	0.00000266	0.922	0.000532	1.41	0.000907	0.0000279	0.859	0.000655	0.00166	0.000107	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2040 Mar	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00888	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.00831	0.00000266	0.923	0.000532	1.41	0.000907	0.000028	0.859	0.000655	0.00166	0.000107	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2040 Apr	26.9	0.00813	0.00399	0.000533	5.46	0.0341	3.85	0.00000533	0.00314	0.000271	0.00533	0.00889	0.0000107	4.24	0.00000313	0.0000533	0.0000775	0.000282	0.00833	0.00000267	0.924	0.000533	1.41	0.000908	0.000028	0.86	0.000656	0.00167	0.000107	0.0000571	0.0000274	0.0216	0.00000533	0.0000164	0.000267	0.00171
2040 May	27.1	0.0082	0.00402	0.000537	5.5	0.0344	3.89	0.00000537	0.00316	0.000273	0.00537	0.00896	0.0000107	4.28	0.00000315	0.0000537	0.000078	0.000284	0.00838	0.00000269	0.932	0.000537	1.42	0.000915	0.0000282	0.867	0.000662	0.0017	0.000108	0.0000575	0.0000276	0.0218	0.00000537	0.0000165	0.000269	0.00173
2040 Jun	27.2	0.00854	0.00404	0.000527	5.5	0.0344	3.91	0.00000527	0.00283	0.000271	0.00527	0.00907	0.0000105	4.28	0.000003	0.0000527	0.0000766	0.000275	0.00763	0.00000264	0.938	0.000527	1.44	0.000821	0.0000274	0.875	0.000671	0.00172	0.0000897	0.0000557	0.0000269	0.0218	0.00000527	0.0000161	0.000264	0.00167
2040 Jul	27.7	0.00873	0.00414	0.000534	5.62	0.035	3.97	0.00000534	0.00281	0.000276	0.00534	0.00926	0.0000107	4.36	0.00000301	0.0000534	0.0000783	0.000278	0.00765	0.00000267	0.955	0.000534	1.46	0.000831	0.0000277	0.891	0.000685	0.00177	0.0000859	0.0000561	0.0000272	0.0222	0.00000534	0.0000162	0.000267	0.00168
2040 Aug	27.7	0.00862	0.00414	0.00054	5.63	0.0351	3.98	0.0000054	0.00292	0.000277	0.0054	0.00928	0.0000108	4.37	0.00000303	0.000054	0.000079	0.000281	0.00797	0.0000027	0.957	0.00054	1.47	0.000881	0.0000281	0.892	0.000689	0.00176	0.0000849	0.0000567	0.0000275	0.0223	0.0000054	0.0000165	0.00027	0.0017
2040 Sep	27.1	0.00836	0.00401	0.000535	5.49	0.0343	3.88	0.00000535	0.003	0.000272	0.00535	0.00901	0.0000107	4.27	0.00000298	0.0000535	0.0000767	0.000278	0.00825	0.00000268	0.932	0.000535	1.43	0.000901	0.0000282	0.87	0.000663	0.0017	0.0000805	0.000056	0.0000274	0.0218	0.00000535	0.0000164	0.000268	0.00168
2040 Oct	26.8	0.00822	0.00398	0.000533	5.45	0.0341	3.85	0.00000533	0.00309	0.00027	0.00533	0.0089	0.0000107	4.24	0.00000307	0.0000533	0.0000769	0.00028	0.00831	0.00000266	0.924	0.000533	1.41	0.000904	0.000028	0.861	0.000655	0.00167	0.0000972	0.0000566	0.0000274	0.0216	0.00000533	0.0000164	0.000266	0.0017
2040 Nov	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.00831	0.00000266	0.922	0.000532	1.41	0.000904	0.000028	0.859	0.000654	0.00166	0.000108	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2040 Dec	26.8	0.00812	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.0083	0.00000266	0.922	0.000532	1.41	0.000904	0.000028	0.859	0.000654	0.00166	0.000108	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2041 Jan	26.8	0.00813	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000772	0.000281	0.0083	0.00000266	0.922	0.000532	1.41	0.000904	0.000028	0.859	0.000654	0.00166	0.000108	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2041 Feb	26.8	0.00813	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000772	0.000281	0.0083	0.00000266	0.922	0.000532	1.41	0.000904	0.000028	0.859	0.000654	0.00166	0.000108	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2041 Mar	26.8	0.00813	0.00398	0.000532	5.45	0.0341	3.85	0.00000532	0.00313	0.00027	0.00532	0.00887	0.0000106	4.24	0.00000312	0.0000532	0.0000773	0.000281	0.0083	0.00000266	0.922	0.000532	1.41	0.000904	0.000028	0.859	0.000654	0.00166	0.000108	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2041 Apr	26.8	0.00814	0.00399	0.000533	5.45	0.0341	3.86	0.00000533	0.00314	0.000271	0.00533	0.00889	0.0000107	4.24	0.00000313	0.0000533	0.0000774	0.000282	0.00832	0.00000267	0.924	0.000533	1.41	0.000906	0.000028	0.86	0.000656	0.00167	0.000108	0.0000571	0.0000274	0.0216	0.00000533	0.0000164	0.000267	0.00171
2041 May	27.1	0.00821	0.00401	0.000538	5.49	0.0344	3.89	0.00000538	0.00316	0.000273	0.00538	0.00896	0.0000108	4.28	0.00000315	0.0000538	0.0000779	0.000284	0.00837	0.00000269	0.931	0.000538	1.42	0.000912	0.0000282	0.867	0.000661	0.0017	0.000109	0.0000575	0.0000276	0.0218	0.00000538	0.0000165	0.000269	0.00173
2041 Jun	27.2	0.00854	0.00403	0.000527	5.49	0.0344	3.9	0.00000527	0.00283	0.000271	0.00527	0.00906	0.0000105	4.28	0.000003	0.0000527	0.0000764	0.000276	0.00762	0.00000264	0.937	0.000527	1.43	0.000819	0.0000274	0.874	0.00067	0.00172	0.0000902	0.0000557	0.0000269	0.0218	0.00000527	0.0000161	0.000264	0.00167
2041 Jul	27.6	0.00871	0.00412	0.000533	5.6	0.0349	3.96	0.00000533	0.00282	0.000275	0.00533	0.00924	0.0000107	4.35	0.00000301	0.0000533	0.0000781	0.000278	0.00765	0.00000267	0.953	0.000533	1.46	0.000832	0.0000276	0.889	0.000684	0.00176	0.0000863	0.0000561	0.0000272	0.0222	0.00000533	0.0000162	0.000267	0.00168
2041 Aug	27.7	0.0086	0.00412	0.00054	5.61	0.035	3.97	0.0000054	0.00293	0.000277	0.0054	0.00925	0.0000108	4.36	0.00000303	0.000054	0.0000788	0.000281	0.00798	0.0000027	0.955	0.00054	1.46	0.000883	0.0000281	0.891	0.000688	0.00176	0.0000852	0.0000567	0.0000275	0.0222	0.0000054	0.0000165	0.00027	0.0017
2041 Sep	27	0.00835	0.004	0.000535	5.48	0.0343	3.88	0.00000535	0.00301	0.000272	0.00535	0.009	0.0000107	4.27	0.00000299	0.0000535	0.0000766	0.000278	0.00826	0.00000268	0.931	0.000535	1.42	0.000903	0.0000282	0.869	0.000663	0.0017	0.000081	0.000056	0.0000274	0.0217	0.00000535	0.0000164	0.000268	0.00168
2041 Oct	26.8	0.0082	0.00397	0.000533	5.44	0.0341	3.85	0.00000533	0.00309	0.00027	0.00533	0.00889	0.0000107	4.24	0.00000307	0.0000533	0.0000768	0.00028	0.00831	0.00000266	0.923	0.000533	1.41	0.000906	0.000028	0.86	0.000655	0.00167	0.0000979	0.0000566	0.0000274	0.0216	0.00000533	0.0000164	0.000266	0.0017
2041 Nov	26.8	0.00811	0.00397	0.000532	5.43	0.034	3.84	0.00000532	0.00314	0.00027	0.00532	0.00886	0.0000106	4.23	0.00000313	0.0000532	0.0000772	0.000281	0.00831	0.00000266	0.921	0.000532	1.41	0.000906	0.0000279	0.858	0.000654	0.00166	0.000109	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2041 Dec	26.8	0.00811	0.00397	0.000532	5.43	0.034	3.84	0.00000532	0.00314	0.00027	0.00532	0.00886	0.0000106	4.23	0.00000313	0.0000532	0.0000772	0.000281	0.00831	0.00000266	0.921	0.000532	1.41	0.000906	0.0000279	0.858	0.000654	0.00166	0.000109	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2042 Jan	26.8	0.00811	0.00397	0.000532	5.43	0.034	3.84	0.00000532	0.00314	0.00027	0.00532	0.00886	0.0000106	4.23	0.00000313	0.0000532	0.0000772	0.000281	0.00831	0.00000266	0.921	0.000532	1.41	0.000906	0.0000279	0.858	0.000654	0.00166	0.000109	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2042 Feb	26.8	0.00811	0.00397	0.000532	5.43	0.034	3.84	0.00000532	0.00314	0.00027	0.00532	0.00886	0.0000106	4.23	0.00000313	0.0000532	0.0000772	0.000281	0.00831	0.00000266	0.921	0.000532	1.41	0.000906	0.0000279	0.858	0.000654	0.00166	0.000109	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2042 Mar	26.8	0.00811	0.00397	0.000532	5.43	0.034	3.84	0.00000532	0.00314	0.00027	0.00532	0.00886	0.0000106	4.23	0.00000313	0.0000532	0.0000772	0.000281	0.00831	0.00000266	0.921	0.000532	1.41	0.000906	0.0000279	0.858	0.000654	0.00166	0.000109	0.000057	0.0000273	0.0216	0.00000532	0.0000163	0.000266	0.00171
2042 Apr	26.8	0.00812	0.00398	0.000533	5.44	0.0341	3.85	0.00000533	0.00315	0.00027	0.00533	0.00887	0.0000107	4.24	0.00000314	0.0000533	0.0000773	0.000282	0.00833	0.00000267	0.923	0.000533	1.41	0.000908	0.000028	0.859	0.000656	0.00167	0.000109	0.0000572	0.0000274	0.0216	0.00000533	0.0000164	0.000267	0.00171
2042 May	27	0.00819	0.004	0.000537	5.48	0.0344	3.88	0.00000537	0.00317	0.000273	0.00537	0.00894	0.0000107	4.27	0.00000316	0.0000537	0.0000779	0.000284	0.00838	0.00000269	0.93	0.000537	1.42	0.000914	0.0000282	0.866	0.000661	0.0017	0.00011	0.0000576	0.0000276	0.0218	0.00000537	0.0000165	0.000269	0.00173
2042 Jun	27.2	0.00853	0.00403	0.000527	5.48	0.0343	3.9	0.00000527	0.00284	0.000271	0.00527	0.00905	0.0000105	4.27	0.00000301	0.0000527	0.0000764	0.000276	0.00763	0.00000264	0.936	0.000527	1.43	0.000821	0.0000274	0.873	0.00067	0.00172	0.0000911	0.0000557	0.0000269	0.0218	0.00000527	0.0000161	0.000264	0.00167
2042 Jul	27.6	0.00871	0.00412	0.000533	5.6	0.0349	3.96	0.00000533	0.00282	0.000275	0.00533	0.00923	0.0000107	4.35	0.00000301	0.0000533	0.000078	0.000278	0.00765	0.00000267	0.953	0.000533	1.46	0.000832	0.0000276	0.889	0.000684	0.00176	0.0000872	0.0000561	0.0000272	0.0222	0.00000533	0.0000162	0.000267	0.00168
2042 Aug	27.7	0.0086	0.00412	0.00054	5.61	0.035	3.97	0.0000054	0.00293	0.000277	0.0054	0.00925	0.0000108	4.36	0.00000304	0.000054	0.0000788	0.000281	0.00798	0.0000027	0.954	0.00054	1.46	0.000882	0.0000281	0.89	0.000688	0.00176	0.0000861	0.0000567	0.0000275	0.0222	0.0000054	0.0000165	0.00027	0.0017
2042 Sep	27	0.00834	0.00399	0.000535	5.47	0.0342	3.88	0.00000535	0.00301	0.000272	0.00535	0.00899	0.0000107	4.27	0.00000299	0.0000535	0.0000766	0.000278	0.00826	0.00000268	0.93	0.000535	1.42	0.000903	0.0000282	0.868	0.000662	0.0017	0.0000817	0.0000561	0.0000274	0.0217	0.00000535	0.0000164	0.000268	0.00168
2042 Oct	26.8	0.00819	0.00396	0.000533	5.43	0.034	3.85	0.00000533	0.0031	0.00027	0.00533	0.00888	0.0000107	4.23	0.00000308	0.0000533	0.0000767	0.00028	0.00831	0.00000266	0.922	0.000533	1.41	0.000905	0.000028	0.859	0.000654	0.00167	0.0000988	0.0000566	0.0000274	0.0216	0.00000533	0.0000164	0.000266	0.0017
2042 Nov	26.7	0.00809	0.00396	0.000532	5.43	0.034	3.84	0.00000532	0.00315	0.00027	0.00532	0.00885	0.0000106	4.23	0.00000314	0.0000532	0.0000771	0.000282	0.00831	0.00000266	0.92	0.000532	1.41	0.000905	0.0000279	0.857	0.000654	0.00166	0.00011	0.0000571	0.0000273	0.0215	0.00000532	0.0000163	0.000266	0.00171
2042 Dec	26.7	0.0081	0.00396	0.000532	5.43	0.034	3.84	0.00000532	0.00315	0.00027	0.00532	0.00885	0.0000106	4.23	0.00000314	0.0000532	0.0000771	0.000282	0.00831	0.00000266	0.92	0.000532	1.41	0.000905	0.0000279	0.857	0.000654	0.00166	0.00011	0.0000571	0.0000273	0.0215	0.00000532	0.0000163	0.000266	0.00171
2043 Jan	26.7	0.0081	0.00396	0.000532	5.43	0.034	3.84	0.00000532	0.00315	0.00027	0.00532	0.00885	0.0000106	4.23	0.00000314	0.0000532	0.0000771	0.000282	0.00831	0.00000266	0.92	0.000532	1.41	0.000905	0.0000279	0.857	0.000654	0.00166	0.00011	0.0000571	0.0000273	0.0215	0.00000532	0.0000163	0.000266	0.00171
2043 Feb	26.7	0.0081	0.00396	0.000532	5.43	0.034	3.84	0.00000532	0.00315	0.00027	0.00532	0.00885	0.0000106	4.23	0.00000314	0.0000532	0.0000771	0.000282	0.00831	0.00000266	0.92	0.000532	1.41	0.000905	0.0000279	0.857	0.000654	0.00166	0.00011	0.0000571	0.0000273	0.0215	0.00000532	0.0000163	0.000266	0.00171
2043 Mar	26.7	0.0081	0.00396	0.000532	5.43	0.034	3.84	0.00000532	0.00315	0.00027	0.00532	0.00885	0.0000106	4.23	0.00000314	0.0000532	0.0000771	0.000282	0.00831	0.00000266	0.92	0.000532	1.41	0.000905	0.0000279	0.857	0.000654	0.00166	0.00011	0.0000571	0.0000273	0.0215	0.00000532	0.0000163	0.000266	0.00171
2043 Apr	26.8	0.00811	0.00397	0.000533	5.43	0.0341	3.85	0.00000533	0.00315	0.00027	0.00533	0.00886	0.0000107	4.23	0.00000314	0.0000533	0.0000772	0.000282	0.00832	0.00000267	0.922	0.000533	1.41	0.000906	0.000028	0.859	0.000655	0.00169	0.00011	0.0000572	0.0000274	0.0216	0.00000533	0.0000164	0.000267	0.00172
2043 May	27	0.00817	0.00399	0.000537	5.46	0.0344	3.88	0.00000537	0.00317	0.000272	0.00537	0.00893	0.0000107	4.26	0.00000316	0.0000537	0.0000777	0.000284	0.00837	0.00000269	0.929	0.000537	1.42	0.000912	0.0000282	0.865	0.000661	0.00174	0.00011	0.0000576	0.0000276	0.0217	0.00000537	0.0000165	0.000269	0.00173
2043 Jun	27.1	0.00851	0.00402	0.000527	5.47	0.0343	3.9	0.00000527	0.00284	0.00027	0.00527	0.00904	0.0000105	4.27	0.00000301	0.0000527	0.0000763	0.000276	0.00761	0.00000264	0.935	0.000527	1.43	0.000819	0.0000274	0.872	0.00067	0.00175	0.0000917	0.0000558	0.0000269	0.0217	0.00000527	0.0000161	0.000264	0.00167
2043 Jul	27.6	0.0087	0.00411	0.000533	5.58	0.0349	3.96	0.00000533	0.00282	0.000275	0.00533	0.00922	0.0000107	4.34	0.00000302	0.0000533	0.0000779	0.000278	0.00764	0.00000267	0.952	0.000533	1.46	0.000831	0.0000276	0.888	0.000684	0.00179	0.0000878	0.0000562	0.0000272	0.0221	0.00000533	0.0000162	0.000267	0.00169
2043 Aug	27.5	0.00852	0.00409	0.000538	5.57	0.0349	3.95	0.00000538	0.00294	0.000276	0.00538	0.0092	0.0000108	4.34	0.00000303	0.0000538	0.0000783	0.00028	0.008	0.00000269	0.949	0.000538	1.45	0.000884	0.0000281	0.886	0.000685	0.00178	0.000086	0.0000566	0.0000274	0.0221	0.00000538	0.0000165	0.000269	0.0017
2043 Sep	26.9	0.00825	0.00397	0.000534	5.44	0.0341	3.86	0.00000534	0.00302	0.000271	0.00534	0.00894	0.0000107	4.25	0.00000298	0.0000534	0.0000761	0.000277	0.00828	0.00000267	0.926	0.000534	1.42	0.000905	0.0000282	0.864	0.000659	0.00172	0.0000816	0.000056	0.0000274	0.0216	0.00000534	0.0000164	0.000267	0.00168
2043 Oct	26.7	0.00811	0.00394	0.000532	5.4	0.0339	3.83	0.00000532	0.00311	0.000269	0.00532	0.00883	0.0000106	4.21	0.00000307	0.0000532	0.0000763	0.000279	0.00834	0.00000266	0.917	0.000532	1.4	0.000907	0.000028	0.855	0.000651	0.00169	0.0000985	0.0000565	0.0000273	0.0214	0.00000532	0.0000163	0.000266	0.0017
2043 Nov	26.6	0.00801	0.00394	0.000531	5.39	0.0339	3.82	0.00000531	0.00316	0.000269	0.00531	0.0088	0.0000106	4.21	0.00000313	0.0000531	0.0000767	0.000281	0.00833	0.00000265	0.916	0.000531	1.4	0.000907	0.0000279	0.853	0.000651	0.00167	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2043 Dec	26.6	0.00801	0.00394	0.000531	5.39	0.0339	3.82	0.00000531	0.00316	0.000269	0.00531	0.0088	0.0000106	4.21	0.00000313	0.0000531	0.0000767	0.000281	0.00833	0.00000265	0.916	0.000531	1.4	0.000907	0.0000279	0.853	0.00065	0.00167	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2044 Jan	26.6	0.00802	0.00394	0.000531	5.39	0.0339	3.82	0.00000531	0.00316	0.000269	0.00531	0.0088	0.0000106	4.2	0.00000313	0.0000531	0.0000767	0.000281	0.00833	0.00000265	0.916	0.000531	1.4	0.000907	0.0000279	0.853	0.00065	0.00167	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2044 Feb	26.6	0.00802	0.00394	0.000531	5.39	0.0339	3.82	0.00000531	0.00316	0.000269	0.00531	0.0088	0.0000106	4.2	0.00000313	0.0000531	0.0000767	0.000281	0.00833	0.00000265	0.916	0.000531	1.4	0.000907	0.0000279	0.853	0.00065	0.00167	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2044 Mar	26.6	0.00802	0.00394	0.000531	5.39	0.0339	3.82	0.00000531	0.00316	0.000269	0.00531	0.0088	0.0000106	4.21	0.00000313	0.0000531	0.0000767	0.000281	0.00833	0.00000265	0.916	0.000531	1.4	0.000907	0.0000279	0.853	0.00065	0.00167	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2044 Apr	26.7	0.00803	0.00394	0.000532	5.39	0.034	3.83	0.00000532	0.00316	0.000269	0.00532	0.00881	0.0000106	4.21	0.00000313	0.0000532	0.0000768	0.000281	0.00834	0.00000266	0.917	0.000532	1.4	0.000909	0.000028	0.854	0.000652	0.00171	0.00011	0.000057	0.0000273	0.0215	0.00000532	0.0000164	0.000266	0.00171
2044 May	26.8	0.00809	0.00397	0.000536	5.42	0.0342	3.86	0.00000536	0.00318	0.000271	0.00536	0.00888	0.0000107	4.24	0.00000316	0.0000536	0.0000773	0.000284	0.00839	0.00000268	0.924	0.000536	1.41	0.000914	0.0000282	0.861	0.000658	0.00176	0.00011	0.0000575	0.0000275	0.0216	0.00000536	0.0000165	0.000268	0.00172
2044 Jun	27	0.00845	0.004	0.000526	5.44	0.0342	3.89	0.00000526	0.00285	0.00027	0.00526	0.009	0.0000105	4.25	0.000003	0.0000526	0.000076	0.000275	0.00764	0.00000263	0.931	0.000526	1.43	0.000821	0.0000274	0.869	0.000668	0.00177	0.0000914	0.0000557	0.0000269	0.0216	0.00000526	0.0000161	0.000263	0.00167
2044 Jul	27.5	0.00864	0.00409	0.000532	5.56	0.0348	3.95	0.00000532	0.00283	0.000274	0.00532	0.00919	0.0000106	4.33	0.00000301	0.0000532	0.0000776	0.000278	0.00766	0.00000266	0.949	0.000532	1.45	0.000832	0.0000277	0.885	0.000682	0.00181	0.0000875	0.0000561	0.0000272	0.022	0.00000532	0.0000162	0.000266	0.00168
2044 Aug	27.5	0.00852	0.00409	0.000538	5.57	0.0349	3.95	0.00000538	0.00294	0.000276	0.00538	0.00919	0.0000108	4.34	0.00000303	0.0000538	0.0000782	0.00028	0.00799	0.00000269	0.949	0.000538	1.45	0.000882	0.0000281	0.886	0.000684	0.0018	0.0000862	0.0000566	0.0000274	0.0221	0.00000538	0.0000165	0.000269	0.0017
2044 Sep	26.9	0.00825	0.00396	0.000534	5.43	0.0341	3.86	0.00000534	0.00302	0.000271	0.00534	0.00894	0.0000107	4.24	0.00000298	0.0000534	0.000076	0.000277	0.00827	0.00000267	0.925	0.000534	1.41	0.000902	0.0000282	0.863	0.000659	0.00174	0.0000817	0.0000559	0.0000273	0.0216	0.00000534	0.0000164	0.000267	0.00168
2044 Oct	26.6	0.00811	0.00393	0.000531	5.39	0.0339	3.83	0.00000531	0.00311	0.000269	0.00531	0.00882	0.0000106	4.21	0.00000307	0.0000531	0.0000761	0.000279	0.00833	0.00000266	0.917	0.000531	1.4	0.000904	0.000028	0.854	0.00065	0.0017	0.0000986	0.0000565	0.0000273	0.0214	0.00000531	0.0000163	0.000266	0.00169
2044 Nov	26.6	0.00801	0.00393	0.00053	5.38	0.0339	3.82	0.0000053	0.00315	0.000269	0.0053	0.00879	0.0000106	4.2	0.00000313	0.000053	0.0000766	0.000281	0.00832	0.00000265	0.915	0.00053	1.4	0.000905	0.0000279	0.852	0.00065	0.00169	0.00011	0.0000569	0.0000273	0.0214	0.0000053	0.0000163	0.000265	0.00171
2044 Dec	26.6	0.00801	0.00393	0.00053	5.38	0.0339	3.82	0.0000053	0.00315	0.000269	0.0053	0.00879	0.0000106	4.2	0.00000313	0.000053	0.0000765	0.000281	0.00832	0.00000265	0.915	0.00053	1.4	0.000905	0.0000279	0.852	0.00065	0.00169	0.00011	0.0000569	0.0000273	0.0214	0.0000053	0.0000163	0.000265	0.00171
2045 Jan	26.6	0.00801	0.00393	0.00053	5.38	0.0339	3.82	0.0000053	0.00315	0.000269	0.0053	0.00879	0.0000106	4.2	0.00000313	0.000053	0.0000765	0.000281	0.00832	0.00000265	0.915	0.00053	1.4	0.000905	0.0000279	0.852	0.00065	0.00169	0.00011	0.0000569	0.0000273	0.0214	0.0000053	0.0000163	0.000265	0.00171
2045 Feb	26.6	0.00801	0.00393	0.000531	5.38	0.0339	3.82	0.00000531	0.00315	0.000269	0.00531	0.00879	0.0000106	4.2	0.00000313	0.0000531	0.0000765	0.000281	0.00832	0.00000265	0.915	0.000531	1.4	0.000905	0.0000279	0.852	0.00065	0.00169	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2045 Mar	26.6	0.00801	0.00393	0.000531	5.38	0.0339	3.82	0.00000531	0.00315	0.000269	0.00531	0.00879	0.0000106	4.2	0.00000313	0.0000531	0.0000766	0.000281	0.00832	0.00000265	0.915	0.000531	1.4	0.000905	0.0000279	0.852	0.00065	0.00169	0.00011	0.0000569	0.0000273	0.0214	0.00000531	0.0000163	0.000265	0.00171
2045 Apr	26.6	0.00803	0.00394	0.000532	5.39	0.0339	3.83	0.00000532	0.00316	0.000269	0.00532	0.0088	0.0000106	4.21	0.00000313	0.0000532	0.0000766	0.000281	0.00833	0.00000266	0.917	0.000532	1.4	0.000906	0.000028	0.853	0.000651	0.00173	0.00011	0.000057	0.0000273	0.0214	0.00000532	0.0000163	0.000266	0.00171
2045 May	26.8	0.00809	0.00396	0.000536	5.42	0.0342	3.86	0.00000536	0.00318	0.000271	0.00536	0.00887	0.0000107	4.24	0.00000315	0.0000536	0.0000771	0.000283	0.00838	0.00000268	0.923	0.000536	1.41	0.000912	0.0000282	0.86	0.000657	0.00178	0.00011	0.0000575	0.0000275	0.0216	0.00000536	0.0000165	0.000268	0.00172
2045 Jun	27	0.00845	0.00399	0.000526	5.43	0.0342	3.88	0.00000526	0.00285	0.000269	0.00526	0.00898	0.0000105	4.24	0.000003	0.0000526	0.0000757	0.000275	0.00762	0.00000263	0.93	0.000526	1.42	0.000818	0.0000274	0.868	0.000667	0.00178	0.0000913	0.0000556	0.0000269	0.0216	0.00000526	0.000016	0.000263	0.00167
2045 Jul	27.5	0.00863	0.00408	0.000532	5.54	0.0348	3.95	0.00000532	0.00283	0.000274	0.00532	0.00917	0.0000106	4.32	0.00000301	0.0000532	0.0000774	0.000277	0.00765	0.00000266	0.947	0.000532	1.45	0.00083	0.0000276	0.884	0.000681	0.00182	0.0000875	0.000056	0.0000271	0.022	0.00000532	0.0000162	0.000266	0.00168
2045 Aug	27.5	0.0085	0.00407	0.000538	5.55	0.0348	3.95	0.00000538	0.00294	0.000275	0.00538	0.00917	0.0000108	4.33	0.00000303	0.0000538	0.000078	0.00028	0.00799	0.00000269	0.948	0.000538	1.45	0.000882	0.0000281	0.884	0.000684	0.00181	0.0000861	0.0000566	0.0000274	0.022	0.00000538	0.0000165	0.000269	0.0017
2045 Sep	26.8	0.00823	0.00395	0.000534	5.41	0.034	3.85	0.00000534	0.00302	0.00027	0.00534	0.00892	0.0000107	4.23	0.00000298	0.0000534	0.0000758	0.000277	0.00828	0.00000267	0.923	0.000534	1.41	0.000903	0.0000282	0.862	0.000658	0.00175	0.0000816	0.0000559	0.0000273	0.0215	0.00000534	0.0000164	0.000267	0.00168
2045 Oct	26.6	0.00809	0.00392	0.000531	5.37	0.0338	3.82	0.00000531	0.00311	0.000268	0.00531	0.00881	0.0000106	4.2	0.00000307	0.0000531	0.000076	0.000279	0.00833	0.00000266	0.915	0.000531	1.4	0.000905	0.000028	0.853	0.000649	0.00171	0.0000988	0.0000565	0.0000273	0.0214	0.00000531	0.0000163	0.000266	0.00169
2045 Nov	26.5	0.00799	0.00392	0.00053	5.37	0.0338	3.82	0.0000053	0.00316	0.000268	0.0053	0.00877	0.0000106	4.19	0.00000313	0.000053	0.0000764	0.000281	0.00833	0.00000265	0.914	0.00053	1.4	0.000906	0.0000279	0.851	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0214	0.0000053	0.0000163	0.000265	0.00171
2045 Dec	26.5	0.00799	0.00392	0.00053	5.37	0.0338	3.82	0.0000053	0.00316	0.000268	0.0053	0.00877	0.0000106	4.19	0.00000313	0.000053	0.0000764	0.000281	0.00833	0.00000265	0.914	0.00053	1.4	0.000906	0.0000279	0.851	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0214	0.0000053	0.0000163	0.000265	0.00171
2046 Jan	26.5	0.00799	0.00392	0.00053	5.37	0.0338	3.82	0.0000053	0.00316	0.000268	0.0053	0.00877	0.0000106	4.19	0.00000313	0.000053	0.0000764	0.000281	0.00833	0.00000265	0.914	0.00053	1.4	0.000906	0.0000279	0.851	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0214	0.0000053	0.0000163	0.000265	0.00171
2046 Feb	26.5	0.00799	0.00392	0.00053	5.37	0.0338	3.82	0.0000053	0.00316	0.000268	0.0053	0.00877	0.0000106	4.19	0.00000313	0.000053	0.0000764	0.000281	0.00833	0.00000265	0.914	0.00053	1.4	0.000906	0.0000279	0.851	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0214	0.0000053	0.0000163	0.000265	0.00171
2046 Mar	26.5	0.008	0.00392	0.00053	5.37	0.0338	3.82	0.0000053	0.00316	0.000268	0.0053	0.00877	0.0000106	4.19	0.00000313	0.000053	0.0000764	0.000281	0.00833	0.00000265	0.914	0.00053	1.4	0.000906	0.0000279	0.851	0.000649	0.0017	0.00011	0.0000569	0.0000273	0.0214	0.0000053	0.0000163	0.000265	0.00171
2046 Apr	26.6	0.00801	0.00393	0.000531	5.37	0.0339	3.83	0.00000531	0.00316	0.000269	0.00531	0.00879	0.0000106	4.2	0.00000313	0.0000531	0.0000765	0.000281	0.00834	0.00000266	0.915	0.000531	1.4	0.000907	0.000028	0.852	0.00065	0.00173	0.00011	0.000057	0.0000273	0.0214	0.00000531	0.0000163	0.000266	0.00171
2046 May	26.8	0.00807	0.00395	0.000536	5.4	0.0342	3.86	0.00000536	0.00318	0.000271	0.00536	0.00885	0.0000107	4.23	0.00000316	0.0000536	0.000077	0.000283	0.00839	0.00000268	0.922	0.000536	1.41	0.000913	0.0000282	0.859	0.000656	0.00178	0.00011	0.0000575	0.0000275	0.0215	0.00000536	0.0000165	0.000268	0.00172
2046 Jun	26.9	0.00843	0.00397	0.000525	5.41	0.0341	3.88	0.00000525	0.00285	0.000269	0.00525	0.00897	0.0000105	4.24	0.000003	0.0000525	0.0000755	0.000275	0.00761	0.00000263	0.928	0.000525	1.42	0.000818	0.0000274	0.866	0.000666	0.00178	0.0000913	0.0000556	0.0000268	0.0215	0.00000525	0.000016	0.000263	0.00167
2046 Jul	27.4	0.00861	0.00407	0.000532	5.53	0.0347	3.94	0.00000532	0.00283	0.000273	0.00532	0.00916	0.0000106	4.31	0.00000301	0.0000532	0.0000772	0.000277	0.00765	0.00000266	0.946	0.000532	1.45	0.00083	0.0000276	0.883	0.000681	0.00182	0.0000876	0.000056	0.0000271	0.022	0.00000532	0.0000162	0.000266	0.00168
2046 Aug	27.4	0.00848	0.00406	0.000538	5.53	0.0348	3.94	0.00000538	0.00295	0.000275	0.00538	0.00915	0.0000108	4.32	0.00000303	0.0000538	0.0000778	0.00028	0.00799	0.00000269	0.946	0.000538	1.45	0.000882	0.0000281	0.883	0.000683	0.00181	0.0000862	0.0000565	0.0000274	0.022	0.00000538	0.0000164	0.000269	0.0017
2046 Sep	26.8	0.00822	0.00394	0.000533	5.4	0.034	3.85	0.00000533	0.00303	0.00027	0.00533	0.00891	0.0000107	4.23	0.00000298	0.0000533	0.0000757	0.000277	0.00827	0.00000267	0.922	0.000533	1.41	0.000903	0.0000282	0.861	0.000658	0.00175	0.0000818	0.0000559	0.0000273	0.0215	0.00000533	0.0000164	0.000267	0.00168
2046 Oct	26.6	0.00808	0.00391	0.000531	5.36	0.0338	3.82	0.00000531	0.00311	0.000268	0.00531	0.00879	0.0000106	4.2	0.00000307	0.0000531	0.0000758	0.000279	0.00832	0.00000265	0.914	0.000531	1.4	0.000905	0.000028	0.852	0.000649	0.00171	0.0000987	0.0000565	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00169
2046 Nov	26.5	0.00798	0.00391	0.00053	5.36	0.0338	3.81	0.0000053	0.00316	0.000268	0.0053	0.00876	0.0000106	4.19	0.00000313	0.000053	0.0000762	0.000281	0.00832	0.00000265	0.912	0.00053	1.39	0.000905	0.0000279	0.85	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0213	0.0000053	0.0000163	0.000265	0.00171
2046 Dec	26.5	0.00798	0.00391	0.00053	5.36	0.0338	3.81	0.0000053	0.00316	0.000268	0.0053	0.00876	0.0000106	4.19	0.00000313	0.000053	0.0000762	0.000281	0.00832	0.00000265	0.912	0.00053	1.39	0.000905	0.0000279	0.85	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0213	0.0000053	0.0000163	0.000265	0.00171
2047 Jan	26.5	0.00798	0.00391	0.00053	5.36	0.0338	3.81	0.0000053	0.00316	0.000268	0.0053	0.00876	0.0000106	4.19	0.00000313	0.000053	0.0000762	0.000281	0.00832	0.00000265	0.912	0.00053	1.39	0.000905	0.0000279	0.85	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0213	0.0000053	0.0000163	0.000265	0.00171
2047 Feb	26.5	0.00798	0.00391	0.00053	5.36	0.0338	3.81	0.0000053	0.00316	0.000268	0.0053	0.00876	0.0000106	4.19	0.00000313	0.000053	0.0000762	0.000281	0.00832	0.00000265	0.912	0.00053	1.39	0.000905	0.0000279	0.85	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0213	0.0000053	0.0000163	0.000265	0.00171
2047 Mar	26.5	0.00798	0.00391	0.00053	5.36	0.0338	3.81	0.0000053	0.00316	0.000268	0.0053	0.00876	0.0000106	4.19	0.00000313	0.000053	0.0000762	0.000281	0.00832	0.00000265	0.912	0.00053	1.39	0.000905	0.0000279	0.85	0.000649	0.0017	0.00011	0.0000569	0.0000272	0.0213	0.0000053	0.0000163	0.000265	0.00171
2047 Apr	26.6	0.008	0.00392	0.000531	5.36	0.0339	3.82	0.00000531	0.00316	0.000268	0.00531	0.00878	0.0000106	4.19	0.00000313	0.0000531	0.0000763	0.000281	0.00833	0.00000266	0.914	0.000531	1.4	0.000906	0.000028	0.851	0.00065	0.00174	0.00011	0.000057	0.0000273	0.0214	0.00000531	0.0000163	0.000266	0.00171
2047 May	26.8	0.00806	0.00394	0.000535	5.39	0.0341	3.85	0.00000535	0.00318	0.00027	0.00535	0.00884	0.0000107	4.22	0.00000315	0.0000535	0.0000768	0.000283	0.00838	0.00000268	0.921	0.000535	1.41	0.000912	0.0000282	0.858	0.000656	0.00179	0.00011	0.0000574	0.0000275	0.0215	0.00000535	0.0000165	0.000268	0.00172
2047 Jun	26.9	0.00842	0.00397	0.000525	5.4	0.0341	3.88	0.00000525	0.00285	0.000269	0.00525	0.00896	0.0000105	4.23	0.000003	0.0000525	0.0000754	0.000275	0.0076	0.00000263	0.927	0.000525	1.42	0.000818	0.0000274	0.866	0.000666	0.00178	0.0000911	0.0000556	0.0000268	0.0215	0.00000525	0.000016	0.000263	0.00167
2047 Jul	27.4	0.00861	0.00406	0.000532	5.52	0.0347	3.94	0.00000532	0.00284	0.000273	0.00532	0.00915	0.0000106	4.31	0.00000301	0.0000532	0.0000772	0.000277	0.00765	0.00000266	0.945	0.000532	1.45	0.000832	0.0000276	0.883	0.000681	0.00182	0.0000875	0.0000561	0.0000271	0.0219	0.00000532	0.0000162	0.000266	0.00168
2047 Aug	27.4	0.00848	0.00406	0.000538	5.53	0.0348	3.94	0.00000538	0.00295	0.000275	0.00538	0.00915	0.0000108	4.32	0.00000303	0.0000538	0.0000778	0.00028	0.00799	0.00000269	0.946	0.000538	1.45	0.000885	0.0000281	0.883	0.000684	0.00181	0.0000861	0.0000566	0.0000274	0.022	0.00000538	0.0000165	0.000269	0.0017
2047 Sep	26.8	0.00822	0.00394	0.000534	5.39	0.034	3.85	0.00000534	0.00303	0.00027	0.00534	0.0089	0.0000107	4.23	0.00000298	0.0000534	0.0000756	0.000277	0.00828	0.00000267	0.922	0.000534	1.41	0.000905	0.0000282	0.861	0.000658	0.00175	0.0000817	0.0000559	0.0000273	0.0215	0.00000534	0.0000164	0.000267	0.00168
2047 Oct	26.6	0.00808	0.00391	0.000531	5.35	0.0338	3.82	0.00000531	0.00311	0.000268	0.00531	0.00879	0.0000106	4.19	0.00000307	0.0000531	0.0000758	0.000279	0.00833	0.00000266	0.914	0.000531	1.4	0.000907	0.000028	0.852	0.00065	0.00172	0.0000983	0.0000565	0.0000273	0.0213	0.00000531	0.0000163	0.000266	0.00169
2047 Nov	26.5	0.00799	0.00391	0.000531	5.35	0.0338	3.82	0.00000531	0.00316	0.000268	0.00531	0.00876	0.0000106	4.19	0.00000312	0.0000531	0.0000762	0.000281	0.00833	0.00000265	0.912	0.000531	1.39	0.000908	0.0000279	0.85	0.000649	0.0017	0.000109	0.0000569	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00171
2047 Dec	26.5	0.00799	0.00391	0.000531	5.35	0.0338	3.82	0.00000531	0.00316	0.000268	0.00531	0.00876	0.0000106	4.19	0.00000312	0.0000531	0.0000762	0.000281	0.00833	0.00000265	0.912	0.000531	1.39	0.000908	0.0000279	0.85	0.000649	0.0017	0.000109	0.0000569	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00171
2048 Jan	26.5	0.00799	0.00391	0.000531	5.35	0.0338	3.81	0.00000531	0.00316	0.000268	0.00531	0.00876	0.0000106	4.19	0.00000312	0.0000531	0.0000762	0.000281	0.00833	0.00000265	0.912	0.000531	1.39	0.000908	0.0000279	0.85	0.000649	0.0017	0.000109	0.0000569	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00171
2048 Feb	26.5	0.00799	0.00391	0.000531	5.35	0.0338	3.82	0.00000531	0.00316	0.000268	0.00531	0.00876	0.0000106	4.19	0.00000312	0.0000531	0.0000762	0.000281	0.00833	0.00000265	0.912	0.000531	1.39	0.000908	0.0000279	0.85	0.000649	0.0017	0.000109	0.0000569	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00171
2048 Mar	26.5	0.00799	0.00391	0.000531	5.35	0.0338	3.82	0.00000531	0.00316	0.000268	0.00531	0.00876	0.0000106	4.19	0.00000312	0.0000531	0.0000762	0.000281	0.00833	0.00000265	0.912	0.000531	1.39	0.000908	0.0000279	0.85	0.000649	0.0017	0.000109	0.0000569	0.0000273	0.0213	0.00000531	0.0000163	0.000265	0.00171
2048 Apr	26.6	0.00801	0.00391	0.000532	5.36	0.0339	3.82	0.00000532	0.00316	0.000268	0.00532	0.00878	0.0000106	4.19	0.00000313	0.0000532	0.0000763	0.000281	0.00834	0.00000266	0.914	0.000532	1.4	0.000909	0.000028	0.852	0.000651	0.00174	0.000109	0.000057	0.0000273	0.0213	0.00000532	0.0000164	0.000266	0.00171

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	26.8	0.00807	0.00394	0.000536	5.39	0.0341	3.85	0.00000536	0.00318	0.00027	0.00536	0.00884	0.0000107	4.22	0.00000315	0.0000536	0.0000768	0.000283	0.00839	0.00000268	0.921	0.000536	1.41	0.000915	0.0000282	0.858	0.000656	0.00178	0.00011	0.0000574	0.0000275	0.0215	0.00000536	0.0000165	0.000268	0.00172
2048 Jun	26.9	0.00843	0.00396	0.000525	5.39	0.0341	3.88	0.00000525	0.00285	0.000268	0.00525	0.00896	0.0000105	4.23	0.00000299	0.0000525	0.0000753	0.000275	0.0076	0.00000263	0.927	0.000525	1.42	0.000819	0.0000274	0.866	0.000666	0.00178	0.0000903	0.0000555	0.0000268	0.0215	0.00000525	0.000016	0.000263	0.00167
2048 Jul	27.3	0.00858	0.00405	0.000531	5.5	0.0346	3.93	0.00000531	0.00283	0.000272	0.00531	0.00913	0.0000106	4.3	0.000003	0.0000531	0.000077	0.000277	0.00765	0.00000266	0.942	0.000531	1.44	0.000835	0.0000276	0.88	0.00068	0.00181	0.0000863	0.0000559	0.0000271	0.0219	0.00000531	0.0000162	0.000266	0.00168
2048 Aug	27.3	0.00843	0.00403	0.000537	5.5	0.0346	3.92	0.00000537	0.00295	0.000273	0.00537	0.00911	0.0000107	4.3	0.00000301	0.0000537	0.0000775	0.000279	0.00799	0.00000268	0.941	0.000537	1.44	0.000888	0.000028	0.879	0.000681	0.0018	0.0000847	0.0000563	0.0000273	0.0219	0.00000537	0.0000164	0.000268	0.00169
2048 Sep	26.6	0.00816	0.0039	0.000532	5.36	0.0338	3.82	0.00000532	0.00303	0.000268	0.00532	0.00885	0.0000106	4.2	0.00000296	0.0000532	0.0000752	0.000276	0.00829	0.00000266	0.916	0.000532	1.4	0.000909	0.0000281	0.856	0.000654	0.00173	0.0000801	0.0000557	0.0000272	0.0213	0.00000532	0.0000164	0.000266	0.00167
2048 Oct	26.4	0.00802	0.00387	0.000529	5.32	0.0336	3.8	0.00000529	0.00312	0.000266	0.00529	0.00873	0.0000106	4.17	0.00000305	0.0000529	0.0000753	0.000278	0.00835	0.00000265	0.907	0.000529	1.39	0.000911	0.0000279	0.847	0.000645	0.0017	0.0000969	0.0000562	0.0000272	0.0212	0.00000529	0.0000163	0.000265	0.00169
2048 Nov	26.3	0.00793	0.00387	0.000528	5.31	0.0336	3.79	0.00000528	0.00316	0.000266	0.00528	0.0087	0.0000106	4.16	0.00000311	0.0000528	0.0000757	0.000279	0.00834	0.00000264	0.906	0.000528	1.39	0.000911	0.0000278	0.844	0.000645	0.00168	0.000108	0.0000566	0.0000272	0.0212	0.00000528	0.0000163	0.000264	0.0017
2048 Dec	26.3	0.00793	0.00387	0.000528	5.31	0.0336	3.79	0.00000528	0.00316	0.000266	0.00528	0.0087	0.0000106	4.16	0.00000311	0.0000528	0.0000757	0.000279	0.00834	0.00000264	0.906	0.000528	1.39	0.000911	0.0000278	0.844	0.000645	0.00169	0.000108	0.0000566	0.0000272	0.0212	0.00000528	0.0000163	0.000264	0.0017
2049 Jan	26.3	0.00793	0.00387	0.000528	5.31	0.0336	3.79	0.00000528	0.00316	0.000266	0.00528	0.0087	0.0000106	4.16	0.00000311	0.0000528	0.0000757	0.000279	0.00834	0.00000264	0.906	0.000528	1.39	0.000911	0.0000278	0.844	0.000645	0.00169	0.000108	0.0000566	0.0000272	0.0212	0.00000528	0.0000163	0.000264	0.0017
2049 Feb	26.3	0.00793	0.00388	0.000528	5.31	0.0336	3.79	0.00000528	0.00316	0.000266	0.00528	0.0087	0.0000106	4.16	0.00000311	0.0000528	0.0000757	0.000279	0.00834	0.00000264	0.906	0.000528	1.39	0.000911	0.0000278	0.844	0.000645	0.00169	0.000108	0.0000566	0.0000272	0.0212	0.00000528	0.0000163	0.000264	0.0017
2049 Mar	26.3	0.00793	0.00388	0.000528	5.31	0.0336	3.79	0.00000528	0.00316	0.000266	0.00528	0.0087	0.0000106	4.16	0.00000311	0.0000528	0.0000757	0.000279	0.00834	0.00000264	0.906	0.000528	1.39	0.000911	0.0000278	0.844	0.000645	0.00169	0.000108	0.0000566	0.0000272	0.0212	0.00000528	0.0000163	0.000264	0.0017
2049 Apr	26.4	0.00794	0.00388	0.000529	5.31	0.0336	3.8	0.00000529	0.00316	0.000267	0.00529	0.00871	0.0000106	4.17	0.00000311	0.0000529	0.0000758	0.00028	0.00835	0.00000265	0.908	0.000529	1.39	0.000912	0.0000279	0.846	0.000646	0.00173	0.000108	0.0000567	0.0000272	0.0212	0.00000529	0.0000163	0.000265	0.0017
2049 May	26.6	0.008	0.0039	0.000534	5.34	0.0339	3.83	0.00000534	0.00318	0.000269	0.00534	0.00878	0.0000107	4.19	0.00000313	0.0000534	0.0000763	0.000282	0.0084	0.00000267	0.914	0.000534	1.4	0.000918	0.0000281	0.852	0.000652	0.00179	0.000108	0.0000571	0.0000274	0.0213	0.00000534	0.0000164	0.000267	0.00171
2049 Jun	26.7	0.00837	0.00392	0.000524	5.34	0.0339	3.85	0.00000524	0.00285	0.000267	0.00524	0.0089	0.0000105	4.2	0.00000298	0.0000524	0.0000747	0.000273	0.0076	0.00000262	0.92	0.000524	1.41	0.000821	0.0000273	0.86	0.000663	0.00177	0.0000892	0.0000553	0.0000268	0.0213	0.00000524	0.000016	0.000262	0.00166
2049 Jul	27.2	0.00856	0.00402	0.000531	5.47	0.0345	3.92	0.00000531	0.00284	0.000271	0.00531	0.00909	0.0000106	4.28	0.00000299	0.0000531	0.0000765	0.000276	0.00766	0.00000265	0.939	0.000531	1.44	0.000835	0.0000276	0.877	0.000678	0.00181	0.0000859	0.0000558	0.0000271	0.0218	0.00000531	0.0000162	0.000265	0.00167
2049 Aug	27.2	0.00838	0.004	0.000536	5.46	0.0345	3.91	0.00000536	0.00296	0.000272	0.00536	0.00906	0.0000107	4.28	0.00000301	0.0000536	0.000077	0.000278	0.00802	0.00000268	0.936	0.000536	1.43	0.000892	0.000028	0.875	0.000678	0.0018	0.0000841	0.0000562	0.0000273	0.0217	0.00000536	0.0000164	0.000268	0.00169
2049 Sep	26.5	0.00811	0.00388	0.000531	5.33	0.0337	3.81	0.00000531	0.00304	0.000267	0.00531	0.00881	0.0000106	4.19	0.00000296	0.0000531	0.0000748	0.000276	0.00831	0.00000266	0.913	0.000531	1.4	0.000913	0.0000281	0.853	0.000653	0.00174	0.0000797	0.0000556	0.0000272	0.0212	0.00000531	0.0000164	0.000266	0.00167
2049 Oct	26.3	0.00797	0.00385	0.000529	5.29	0.0335	3.79	0.00000529	0.00313	0.000266	0.00529	0.0087	0.0000106	4.15	0.00000305	0.0000529	0.000075	0.000278	0.00836	0.00000264	0.905	0.000529	1.38	0.000914	0.0000279	0.844	0.000644	0.0017	0.0000971	0.0000562	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.00169
2049 Nov	26.3	0.00788	0.00385	0.000528	5.29	0.0335	3.78	0.00000528	0.00318	0.000266	0.00528	0.00867	0.0000106	4.15	0.00000311	0.0000528	0.0000755	0.000279	0.00836	0.00000264	0.903	0.000528	1.38	0.000915	0.0000279	0.842	0.000644	0.00169	0.000108	0.0000566	0.0000271	0.0211	0.00000528	0.0000163	0.000264	0.0017
2049 Dec	26.3	0.00788	0.00385	0.000528	5.29	0.0335	3.78	0.00000528	0.00318	0.000266	0.00528	0.00867	0.0000106	4.15	0.00000311	0.0000528	0.0000755	0.000279	0.00836	0.00000264	0.903	0.000528	1.38	0.000915	0.0000279	0.842	0.000644	0.00169	0.000108	0.0000566	0.0000271	0.0211	0.00000528	0.0000163	0.000264	0.0017
2050 Jan	26.3	0.00788	0.00385	0.000528	5.29	0.0335	3.78	0.00000528	0.00318	0.000266	0.00528	0.00867	0.0000106	4.15	0.00000311	0.0000528	0.0000755	0.000279	0.00835	0.00000264	0.903	0.000528	1.38	0.000915	0.0000279	0.842	0.000644	0.00169	0.000108	0.0000566	0.0000271	0.0211	0.00000528	0.0000163	0.000264	0.0017
2050 Feb	26.3	0.00788	0.00386	0.000528	5.29	0.0335	3.78	0.00000528	0.00318	0.000266	0.00528	0.00867	0.0000106	4.15	0.00000311	0.0000528	0.0000755	0.000279	0.00835	0.00000264	0.903	0.000528	1.38	0.000915	0.0000279	0.842	0.000644	0.00169	0.000108	0.0000566	0.0000271	0.0211	0.00000528	0.0000163	0.000264	0.0017
2050 Mar	26.3	0.00788	0.00386	0.000528	5.29	0.0335	3.78	0.00000528	0.00318	0.000266	0.00528	0.00867	0.0000106	4.15	0.00000311	0.0000528	0.0000755	0.000279	0.00836	0.00000264	0.903	0.000528	1.38	0.000915	0.0000279	0.842	0.000644	0.00169	0.000108	0.0000566	0.0000271	0.0211	0.00000528	0.0000163	0.000264	0.0017
2050 Apr	26.3	0.00789	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.00869	0.0000106	4.15	0.00000311	0.0000529	0.0000756	0.00028	0.00837	0.00000265	0.905	0.000529	1.38	0.000916	0.0000279	0.844	0.000646	0.00172	0.000108	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000265	0.0017
2050 May	26.5	0.00795	0.00388	0.000533	5.32	0.0338	3.82	0.00000533	0.0032	0.000268	0.00533	0.00875	0.0000107	4.18	0.00000314	0.0000533	0.0000761	0.000282	0.00841	0.00000267	0.912	0.000533	1.39	0.000921	0.0000281	0.85	0.000651	0.00178	0.000109	0.0000572	0.0000274	0.0213	0.00000533	0.0000164	0.000267	0.00171
2050 Jun	26.7	0.00833	0.00391	0.000524	5.33	0.0338	3.85	0.00000524	0.00286	0.000266	0.00524	0.00888	0.0000105	4.19	0.00000298	0.0000524	0.0000746	0.000274	0.00762	0.00000262	0.919	0.000524	1.41	0.000824	0.0000273	0.859	0.000662	0.00177	0.0000897	0.0000553	0.0000267	0.0213	0.00000524	0.000016	0.000262	0.00166
2050 Jul	27.2	0.00852	0.00401	0.00053	5.45	0.0344	3.91	0.0000053	0.00285	0.000271	0.0053	0.00907	0.0000106	4.28	0.00000299	0.000053	0.0000764	0.000276	0.00767	0.00000265	0.937	0.00053	1.43	0.000838	0.0000276	0.876	0.000677	0.00181	0.0000863	0.0000558	0.0000271	0.0217	0.0000053	0.0000162	0.000265	0.00167
2050 Aug	27.2	0.0084	0.004	0.000536	5.46	0.0345	3.91	0.00000536	0.00296	0.000273	0.00536	0.00908	0.0000107	4.29	0.00000301	0.0000536	0.0000771	0.000279	0.008	0.00000268	0.938	0.000536	1.44	0.000891	0.000028	0.877	0.00068	0.0018	0.000085	0.0000564	0.0000273	0.0218	0.00000536	0.0000164	0.000268	0.00169
2050 Sep	26.5	0.00814	0.00388	0.000532	5.33	0.0338	3.82	0.00000532	0.00304	0.000268	0.00532	0.00883	0.0000106	4.19	0.00000297	0.0000532	0.0000749	0.000276	0.00829	0.00000266	0.914	0.000532	1.4	0.000912	0.0000281	0.854	0.000654	0.00174	0.0000805	0.0000557	0.0000273	0.0213	0.00000532	0.0000164	0.000266	0.00167
2050 Oct	26.3	0.008	0.00386	0.00053	5.29	0.0336	3.79	0.0000053	0.00313	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000305	0.000053	0.0000751	0.000278	0.00835	0.00000265	0.906	0.00053	1.39	0.000914	0.0000279	0.846	0.000646	0.0017	0.0000978	0.0000563	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00169
2050 Nov	26.3	0.0079	0.00386	0.000529	5.29	0.0335	3.79	0.00000529	0.00318	0.000266	0.00529	0.00868	0.0000106	4.15	0.00000312	0.0000529	0.0000756	0.00028	0.00835	0.00000264	0.904	0.000529	1.38	0.000914	0.0000279	0.843	0.000645	0.00169	0.000109	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2050 Dec	26.3	0.0079	0.00386	0.000529	5.29	0.0335	3.79	0.00000529	0.00318	0.000266	0.00529	0.00868	0.0000106	4.15	0.00000312	0.0000529	0.0000756	0.00028	0.00835	0.00000264	0.904	0.000529	1.38	0.000914	0.0000279	0.843	0.000645	0.00169	0.000109	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2051 Jan	26.3	0.0079	0.00386	0.000529	5.29	0.0335	3.79	0.00000529	0.00318	0.000266	0.00529	0.00868	0.0000106	4.15	0.00000312	0.0000529	0.0000756	0.00028	0.00835	0.00000264	0.904	0.000529	1.38	0.000914	0.0000279	0.843	0.000645	0.00169	0.000109	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2051 Feb	26.3	0.00791	0.00386	0.000529	5.29	0.0335	3.79	0.00000529	0.00318	0.000266	0.00529	0.00868	0.0000106	4.15	0.00000312	0.0000529	0.0000756	0.00028	0.00835	0.00000264	0.904	0.000529	1.38	0.000914	0.0000279	0.843	0.000645	0.00169	0.000109	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2051 Mar	26.3	0.00791	0.00386	0.000529	5.29	0.0335	3.79	0.00000529	0.00318	0.000266	0.00529	0.00868	0.0000106	4.15	0.00000312	0.0000529	0.0000756	0.00028	0.00835	0.00000264	0.904	0.000529	1.38	0.000914	0.0000279	0.843	0.000645	0.00169	0.000109	0.0000567	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2051 Apr	26.3	0.00792	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000757	0.00028	0.00836	0.00000265	0.906	0.00053	1.38	0.000915	0.0000279	0.845	0.000647	0.00173	0.000109	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.0017
2051 May	26.5	0.00798	0.00388	0.000534	5.32	0.0339	3.83	0.00000534	0.0032	0.000268	0.00534	0.00876	0.0000107	4.19	0.00000314	0.0000534	0.0000761	0.000282	0.0084	0.00000267	0.913	0.000534	1.39	0.00092	0.0000281	0.851	0.000652	0.00179	0.000109	0.0000572	0.0000274	0.0213	0.00000534	0.0000165	0.000267	0.00172
2051 Jun	26.7	0.00835	0.00391	0.000524	5.33	0.0339	3.85	0.00000524	0.00286	0.000266	0.00524	0.00888	0.0000105	4.2	0.00000299	0.0000524	0.0000746	0.000274	0.00761	0.00000262	0.919	0.000524	1.41	0.000824	0.0000273	0.859	0.000663	0.00178	0.0000903	0.0000554	0.0000268	0.0213	0.00000524	0.000016	0.000262	0.00166
2051 Jul	27.2	0.00852	0.004	0.00053	5.45	0.0344	3.91	0.0000053	0.00285	0.000271	0.0053	0.00907	0.0000106	4.27	0.00000299	0.000053	0.0000764	0.000276	0.00766	0.00000265	0.936	0.00053	1.43	0.000839	0.0000275	0.875	0.000677	0.00181	0.0000866	0.0000558	0.0000271	0.0217	0.0000053	0.0000162	0.000265	0.00167
2051 Aug	27.2	0.00839	0.004	0.000536	5.45	0.0345	3.91	0.00000536	0.00296	0.000272	0.00536	0.00907	0.0000107	4.28	0.00000301	0.0000536	0.000077	0.000279	0.008	0.00000268	0.937	0.000536	1.43	0.000892	0.000028	0.876	0.00068	0.0018	0.0000852	0.0000563	0.0000273	0.0217	0.00000536	0.0000164	0.000268	0.00169
2051 Sep	26.6	0.00816	0.00389	0.000532	5.34	0.0338	3.83	0.00000532	0.00304	0.000268	0.00532	0.00884	0.0000106	4.2	0.00000297	0.0000532	0.0000751	0.000276	0.00828	0.00000266	0.916	0.000532	1.4	0.000911	0.0000281	0.856	0.000656	0.00175	0.0000811	0.0000558	0.0000273	0.0213	0.00000532	0.0000164	0.000266	0.00167
2051 Oct	26.4	0.00801	0.00386	0.00053	5.3	0.0336	3.8	0.0000053	0.00313	0.000266	0.0053	0.00873	0.0000106	4.16	0.00000306	0.000053	0.0000753	0.000278	0.00833	0.00000265	0.907	0.00053	1.39	0.000913	0.0000279	0.847	0.000648	0.00171	0.0000989	0.0000564	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00169
2051 Nov	26.3	0.00791	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.0087	0.0000106	4.16	0.00000312	0.0000529	0.0000757	0.00028	0.00832	0.00000264	0.906	0.000529	1.38	0.000913	0.0000278	0.844	0.000647	0.0017	0.00011	0.0000568	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2051 Dec	26.3	0.00791	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.0087	0.0000106	4.16	0.00000312	0.0000529	0.0000757	0.00028	0.00832	0.00000264	0.906	0.000529	1.38	0.000913	0.0000278	0.844	0.000647	0.0017	0.00011	0.0000568	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2052 Jan	26.3	0.00791	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.0087	0.0000106	4.16	0.00000312	0.0000529	0.0000757	0.00028	0.00832	0.00000264	0.906	0.000529	1.38	0.000913	0.0000278	0.844	0.000647	0.0017	0.00011	0.0000568	0.0000272	0.0211	0.00000529	0.0000163	0.000264	0.0017
2052 Feb	26.3	0.00791	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.0087	0.0000106	4.16	0.00000312	0.0000529	0.0000757	0.00028	0.00832	0.00000265	0.906	0.000529	1.38	0.000913	0.0000278	0.844	0.000647	0.0017	0.00011	0.0000568	0.0000272	0.0211	0.00000529	0.0000163	0.000265	0.0017
2052 Mar	26.3	0.00791	0.00386	0.000529	5.29	0.0336	3.79	0.00000529	0.00318	0.000266	0.00529	0.0087	0.0000106	4.16	0.00000312	0.0000529	0.0000757	0.00028	0.00832	0.00000265	0.906	0.000529	1.38	0.000913	0.0000278	0.845	0.000647	0.0017	0.00011	0.0000568	0.0000272	0.0211	0.00000529	0.0000163	0.000265	0.0017
2052 Apr	26.4	0.00792	0.00387	0.00053	5.29	0.0337	3.8	0.0000053	0.00318	0.000267	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00833	0.00000265	0.907	0.00053	1.39	0.000914	0.0000279	0.846	0.000649	0.00175	0.00011	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2052 May	26.6	0.00799	0.00389	0.000534	5.32	0.0339	3.83	0.00000534	0.00319	0.000268	0.00534	0.00877	0.0000107	4.19	0.00000315	0.0000534	0.0000763	0.000283	0.00838	0.00000267	0.914	0.000534	1.4	0.000919	0.0000281	0.853	0.000654	0.00182	0.000111	0.0000573	0.0000274	0.0213	0.00000534	0.0000165	0.000267	0.00172
2052 Jun	26.7	0.00836	0.00392	0.000524	5.33	0.0339	3.86	0.00000524	0.00286	0.000267	0.00524	0.0089	0.0000105	4.2	0.00000299	0.0000524	0.0000748	0.000274	0.00759	0.00000262	0.921	0.000524	1.41	0.000823	0.0000273	0.861	0.000665	0.0018	0.0000912	0.0000554	0.0000268	0.0213	0.00000524	0.000016	0.000262	0.00166
2052 Jul	27.2	0.00853	0.00401	0.000531	5.45	0.0345	3.92	0.00000531	0.00285	0.000271	0.00531	0.00908	0.0000106	4.28	0.00000301	0.0000531	0.0000766	0.000277	0.00766	0.00000266	0.938	0.000531	1.44	0.00084	0.0000276	0.877	0.000679	0.00184	0.0000878	0.000056	0.0000271	0.0217	0.00000531	0.0000162	0.000266	0.00168
2052 Aug	27.3	0.00841	0.00401	0.000537	5.46	0.0346	3.92	0.00000537	0.00297	0.000273	0.00537	0.00909	0.0000107	4.29	0.00000303	0.0000537	0.0000773	0.00028	0.008	0.00000269	0.939	0.000537	1.44	0.000893	0.000028	0.878	0.000683	0.00183	0.0000865	0.0000565	0.0000274	0.0218	0.00000537	0.0000165	0.000269	0.0017
2052 Sep	26.6	0.00816	0.00389	0.000533	5.33	0.0338	3.83	0.00000533	0.00304	0.000268	0.00533	0.00884	0.0000107	4.2	0.00000298	0.0000533	0.0000752	0.000277	0.00828	0.00000266	0.916	0.000533	1.4	0.000913	0.0000281	0.856	0.000657	0.00177	0.0000819	0.0000558	0.0000273	0.0213	0.00000533	0.0000164	0.000266	0.00168
2052 Oct	26.4	0.00802	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00313	0.000266	0.0053	0.00873	0.0000106	4.16	0.00000306	0.000053	0.0000753	0.000279	0.00834	0.00000265	0.907	0.00053	1.39	0.000915	0.0000279	0.847	0.000648	0.00173	0.0000988	0.0000564	0.0000273	0.0212	0.0000053	0.0000163	0.000265	0.00169
2052 Nov	26.3	0.00793	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000758	0.00028	0.00834	0.00000265	0.906	0.00053	1.39	0.000915	0.0000278	0.845	0.000648	0.00172	0.00011	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.0017
2052 Dec	26.3	0.00793	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000758	0.00028	0.00834	0.00000265	0.906	0.00053	1.39	0.000915	0.0000278	0.845	0.000648	0.00172	0.00011	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.0017
2053 Jan	26.3	0.00793	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000758	0.00028	0.00833	0.00000265	0.906	0.00053	1.39	0.000915	0.0000278	0.845	0.000648	0.00172	0.00011	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.0017
2053 Feb	26.3	0.00793	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000758	0.00028	0.00833	0.00000265	0.906	0.00053	1.39	0.000915	0.0000278	0.845	0.000648	0.00172	0.00011	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.0017
2053 Mar	26.3	0.00793	0.00386	0.00053	5.29	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000312	0.000053	0.0000758	0.00028	0.00834	0.00000265	0.906	0.00053	1.39	0.000915	0.0000278	0.845	0.000648	0.00172	0.00011	0.0000568	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2053 Apr	26.4	0.00794	0.00387	0.000531	5.29	0.0337	3.8	0.00000531	0.00318	0.000267	0.00531	0.00871	0.0000106	4.16	0.00000313	0.0000531	0.0000759	0.000281	0.00835	0.00000265	0.908	0.000531	1.39	0.000917	0.0000279	0.847	0.000649	0.00175	0.00011	0.0000569	0.0000273	0.0212	0.00000531	0.0000163	0.000265	0.00171
2053 May	26.6	0.00801	0.00389	0.000535	5.32	0.034	3.84	0.00000535	0.0032	0.000269	0.00535	0.00878	0.0000107	4.19	0.00000315	0.0000535	0.0000764	0.000283	0.0084	0.00000267	0.915	0.000535	1.4	0.000922	0.0000281	0.853	0.000655	0.0018	0.00011	0.0000574	0.0000275	0.0213	0.00000535	0.0000165	0.000267	0.00172
2053 Jun	26.8	0.00838	0.00392	0.000525	5.34	0.034	3.86	0.00000525	0.00286	0.000267	0.00525	0.00891	0.0000105	4.21	0.00000299	0.0000525	0.000075	0.000274	0.00761	0.00000262	0.922	0.000525	1.41	0.000825	0.0000273	0.862	0.000665	0.00179	0.000091	0.0000555	0.0000268	0.0214	0.00000525	0.000016	0.000262	0.00166
2053 Jul	27.3	0.00857	0.00403	0.000532	5.47	0.0346	3.93	0.00000532	0.00285	0.000272	0.00532	0.00911	0.0000106	4.29	0.00000301	0.0000532	0.0000768	0.000277	0.00766	0.00000266	0.941	0.000532	1.44	0.000838	0.0000276	0.879	0.00068	0.00183	0.0000875	0.000056	0.0000271	0.0218	0.00000532	0.0000162	0.000266	0.00168
2053 Aug	27.3	0.00843	0.00401	0.000538	5.48	0.0346	3.93	0.00000538	0.00296	0.000273	0.00538	0.00911	0.0000108	4.3	0.00000303	0.0000538	0.0000774	0.00028	0.008	0.00000269	0.94	0.000538	1.44	0.000893	0.000028	0.879	0.000683	0.00182	0.0000861	0.0000565	0.0000274	0.0218	0.00000538	0.0000165	0.000269	0.0017
2053 Sep	26.6	0.00818	0.0039	0.000533	5.35	0.0339	3.83	0.00000533	0.00304	0.000268	0.00533	0.00886	0.0000107	4.2	0.00000298	0.0000533	0.0000753	0.000277	0.00829	0.00000267	0.917	0.000533	1.4	0.000913	0.0000281	0.857	0.000657	0.00176	0.0000816	0.0000559	0.0000273	0.0213	0.00000533	0.0000164	0.000267	0.00168
2053 Oct	26.4	0.00803	0.00387	0.000531	5.31	0.0337	3.81	0.00000531	0.00313	0.000267	0.00531	0.00874	0.0000106	4.17	0.00000307	0.0000531	0.0000755	0.000279	0.00834	0.00000265	0.909	0.000531	1.39	0.000914	0.0000279	0.848	0.000648	0.00172	0.0000992	0.0000564	0.0000273	0.0212	0.00000531	0.0000163	0.000265	0.00169
2053 Nov	26.4	0.00794	0.00387	0.00053	5.3	0.0337	3.8	0.0000053	0.00318	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000759	0.00028	0.00834	0.00000265	0.907	0.00053	1.39	0.000915	0.0000279	0.846	0.000648	0.00171	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2053 Dec	26.4	0.00794	0.00387	0.00053	5.3	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000759	0.00028	0.00834	0.00000265	0.907	0.00053	1.39	0.000915	0.0000279	0.846	0.000648	0.00171	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2054 Jan	26.4	0.00794	0.00387	0.00053	5.3	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000759	0.00028	0.00834	0.00000265	0.907	0.00053	1.39	0.000914	0.0000279	0.846	0.000648	0.00171	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2054 Feb	26.4	0.00794	0.00387	0.00053	5.3	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000759	0.00028	0.00834	0.00000265	0.907	0.00053	1.39	0.000915	0.0000279	0.846	0.000648	0.00171	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2054 Mar	26.4	0.00794	0.00387	0.00053	5.3	0.0337	3.8	0.0000053	0.00318	0.000266	0.0053	0.00871	0.0000106	4.16	0.00000313	0.000053	0.0000759	0.000281	0.00834	0.00000265	0.907	0.00053	1.39	0.000915	0.0000279	0.846	0.000648	0.00171	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2054 Apr	26.4	0.00795	0.00387	0.000531	5.3	0.0337	3.81	0.00000531	0.00318	0.000267	0.00531	0.00872	0.0000106	4.17	0.00000313	0.0000531	0.000076	0.000281	0.00834	0.00000265	0.909	0.000531	1.39	0.000915	0.0000279	0.847	0.000649	0.00176	0.00011	0.000057	0.0000273	0.0212	0.00000531	0.0000163	0.000265	0.00171
2054 May	26.6	0.00801	0.0039	0.000535	5.33	0.034	3.84	0.00000535	0.0032	0.000269	0.00535	0.00878	0.0000107	4.2	0.00000315	0.0000535	0.0000764	0.000283	0.00839	0.00000268	0.915	0.000535	1.4	0.000921	0.0000281	0.854	0.000655	0.00183	0.000111	0.0000574	0.0000275	0.0213	0.00000535	0.0000165	0.000268	0.00172
2054 Jun	26.8	0.00838	0.00393	0.000525	5.34	0.034	3.86	0.00000525	0.00286	0.000267	0.00525	0.00891	0.0000105	4.21	0.000003	0.0000525	0.000075	0.000274	0.0076	0.00000262	0.922	0.000525	1.41	0.000824	0.0000273	0.862	0.000665	0.00181	0.0000913	0.0000555	0.0000268	0.0214	0.00000525	0.000016	0.000262	0.00167
2054 Jul	27.2	0.00854	0.00402	0.000531	5.46	0.0345	3.92	0.00000531	0.00285	0.000272	0.00531	0.00909	0.0000106	4.28	0.00000301	0.0000531	0.0000767	0.000277	0.00767	0.00000266	0.939	0.000531	1.44	0.000842	0.0000276	0.878	0.00068	0.00185	0.0000878	0.000056	0.0000271	0.0218	0.00000531	0.0000162	0.000266	0.00168
2054 Aug	27.3	0.00842	0.00401	0.000538	5.47	0.0346	3.93	0.00000538	0.00297	0.000273	0.00538	0.0091	0.0000108	4.3	0.00000303	0.0000538	0.0000774	0.00028	0.00801	0.00000269	0.94	0.000538	1.44	0.000894	0.000028	0.879	0.000683	0.00184	0.0000865	0.0000565	0.0000274	0.0218	0.00000538	0.0000165	0.000269	0.0017
2054 Sep	26.7	0.00818	0.0039	0.000534	5.35	0.0339	3.84	0.00000534	0.00304	0.000269	0.00534	0.00887	0.0000107	4.21	0.00000299	0.0000534	0.0000754	0.000277	0.00828	0.00000267	0.918	0.000534	1.4	0.000913	0.0000281	0.858	0.000659	0.00178	0.0000822	0.0000559	0.0000273	0.0214	0.00000534	0.0000164	0.000267	0.00168
2054 Oct	26.4	0.00803	0.00387	0.000531	5.31	0.0337	3.81	0.00000531	0.00313	0.000267	0.00531	0.00875	0.0000106	4.17	0.00000307	0.0000531	0.0000756	0.000279	0.00833	0.00000266	0.91	0.000531	1.39	0.000915	0.0000279	0.849	0.00065	0.00174	0.0000996	0.0000565	0.0000273	0.0212	0.00000531	0.0000164	0.000266	0.0017
2054 Nov	26.4	0.00794	0.00388	0.00053	5.31	0.0337	3.81	0.0000053	0.00318	0.000267	0.0053	0.00872	0.0000106	4.17	0.00000313	0.000053	0.000076	0.000281	0.00833	0.00000265	0.908	0.00053	1.39	0.000915	0.0000279	0.847	0.00065	0.00173	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2054 Dec	26.4	0.00794	0.00388	0.00053	5.31	0.0337	3.8	0.0000053	0.00318	0.000267	0.0053	0.00872	0.0000106	4.17	0.00000313	0.000053	0.000076	0.000281	0.00833	0.00000265	0.908	0.00053	1.39	0.000915	0.0000279	0.847	0.00065	0.00173	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2055 Jan	26.4	0.00794	0.00388	0.00053	5.31	0.0337	3.8	0.0000053	0.00318	0.000267	0.0053	0.00872	0.0000106	4.17	0.00000313	0.000053	0.000076	0.000281	0.00833	0.00000265	0.908	0.00053	1.39	0.000915	0.0000279	0.847	0.00065	0.00173	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2055 Feb	26.4	0.00794	0.00388	0.00053	5.31	0.0337	3.8	0.0000053	0.00318	0.000267	0.0053	0.00872	0.0000106	4.17	0.00000313	0.000053	0.000076	0.000281	0.00833	0.00000265	0.908	0.00053	1.39	0.000915	0.0000279	0.847	0.00065	0.00173	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2055 Mar	26.4	0.00794	0.00388	0.00053	5.31	0.0337	3.81	0.0000053	0.00318	0.000267	0.0053	0.00872	0.0000106	4.17	0.00000313	0.000053	0.000076	0.000281	0.00833	0.00000265	0.908	0.00053	1.39	0.000915	0.0000279	0.847	0.00065	0.00173	0.000111	0.0000569	0.0000272	0.0212	0.0000053	0.0000163	0.000265	0.00171
2055 Apr	26.4	0.00795	0.00388	0.000531	5.31	0.0338	3.81	0.00000531	0.00318	0.000267	0.00531	0.00873	0.0000106	4.17	0.00000314	0.0000531	0.0000761	0.000281	0.00833	0.00000266	0.91	0.000531	1.39	0.000916	0.0000279	0.848	0.000651	0.00178	0.000111	0.000057	0.0000273	0.0212	0.00000531	0.0000164	0.000266	0.00171
2055 May	26.6	0.00801	0.0039	0.000535	5.33	0.034	3.84	0.00000535	0.00319	0.000269	0.00535	0.0088	0.0000107	4.2	0.00000316	0.0000535	0.0000765	0.000283	0.00838	0.00000268	0.916	0.000535	1.4	0.000921	0.0000281	0.855	0.000657	0.00186	0.000111	0.0000575	0.0000275	0.0213	0.00000535	0.0000165	0.000268	0.00172
2055 Jun	26.7	0.00837	0.00391	0.000525	5.32	0.034	3.86	0.00000525	0.00286	0.000267	0.00525	0.0089	0.0000105	4.2	0.000003	0.0000525	0.0000748	0.000274	0.00758	0.00000262	0.921	0.000525	1.41	0.000824	0.0000273	0.862	0.000666	0.00183	0.0000913	0.0000555	0.0000268	0.0213	0.00000525	0.000016	0.000262	0.00167
2055 Jul	27.2	0.00853	0.004	0.000532	5.44	0.0345	3.92	0.00000532	0.00286	0.000271	0.00532	0.00908	0.0000106	4.28	0.00000301	0.0000532	0.0000766	0.000277	0.00766	0.00000266	0.938	0.000532	1.44	0.000843	0.0000276	0.877	0.000681	0.00186	0.0000878	0.000056	0.0000271	0.0217	0.00000532	0.0000162	0.000266	0.00168
2055 Aug	27.2	0.00839	0.00399	0.000537	5.45	0.0346	3.92	0.00000537	0.00297	0.000273	0.00537	0.00908	0.0000107	4.28	0.00000303	0.0000537	0.0000772	0.00028	0.00801	0.00000269	0.938	0.000537	1.44	0.000896	0.000028	0.877	0.000683	0.00185	0.0000863	0.0000565	0.0000274	0.0217	0.00000537	0.0000165	0.000269	0.0017
2055 Sep	26.6	0.00814	0.00388	0.000533	5.32	0.0338	3.83	0.00000533	0.00305	0.000268	0.00533	0.00884	0.0000107	4.2	0.00000298	0.0000533	0.0000752	0.000277	0.00829	0.00000267	0.916	0.000533	1.4	0.000916	0.0000281	0.856	0.000658	0.00178	0.000082	0.0000559	0.0000273	0.0213	0.00000533	0.0000164	0.000267	0.00168
2055 Oct	26.4	0.008	0.00385	0.000531	5.29	0.0336	3.8	0.00000531	0.00314	0.000266	0.00531	0.00873	0.0000106	4.16	0.00000307	0.0000531	0.0000753	0.000279	0.00834	0.00000265	0.907	0.000531	1.39	0.000918	0.0000279	0.847	0.00065	0.00175	0.0000994	0.0000565	0.0000273	0.0211	0.00000531	0.0000164	0.000265	0.00169
2055 Nov	26.3	0.0079	0.00386	0.00053	5.28	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00834	0.00000265	0.906	0.00053	1.39	0.000918	0.0000279	0.845	0.000649	0.00173	0.000111	0.0000569	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2055 Dec	26.3	0.0079	0.00386	0.00053	5.28	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00834	0.00000265	0.906	0.00053	1.39	0.000918	0.0000279	0.845	0.000649	0.00173	0.000111	0.0000569	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2056 Jan	26.3	0.0079	0.00386	0.00053	5.28	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00833	0.00000265	0.906	0.00053	1.39	0.000918	0.0000279	0.845	0.000649	0.00173	0.000111	0.0000569	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2056 Feb	26.3	0.0079	0.00386	0.00053	5.28	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00833	0.00000265	0.906	0.00053	1.39	0.000918	0.0000279	0.845	0.000649	0.00173	0.000111	0.0000569	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2056 Mar	26.3	0.0079	0.00386	0.00053	5.28	0.0336	3.8	0.0000053	0.00318	0.000266	0.0053	0.0087	0.0000106	4.16	0.00000313	0.000053	0.0000758	0.000281	0.00834	0.00000265	0.906	0.00053	1.39	0.000918	0.0000279	0.845	0.000649	0.00173	0.000111	0.0000569	0.0000272	0.0211	0.0000053	0.0000163	0.000265	0.00171
2056 Apr	26.4	0.00791	0.00386	0.000531	5.28	0.0337	3.81	0.00000531	0.00319	0.000267	0.00531	0.00871	0.0000106	4.16	0.00000313	0.0000531	0.0000759	0.000281	0.00834	0.00000265	0.907	0.000531	1.39	0.000919	0.0000279	0.846	0.000651	0.00179	0.000111	0.000057	0.0000273	0.0211	0.00000531	0.0000164	0.000265	0.00171
2056 May	26.6	0.00797	0.00388	0.000535	5.3	0.034	3.84	0.00000535	0.0032	0.000269	0.00535	0.00877	0.0000107	4.19	0.00000316	0.0000535	0.0000763	0.000283	0.00839	0.00000268	0.914	0.000535	1.4	0.000924	0.0000281	0.853	0.000657	0.00186	0.000111	0.0000574	0.0000275	0.0213	0.00000535	0.0000165	0.000268	0.00172
2056 Jun	26.7	0.00835	0.00391	0.000525	5.32	0.0339	3.86	0.00000525	0.00286	0.000267	0.00525	0.00889	0.0000105	4.2	0.000003	0.0000525	0.0000748	0.000275	0.0076	0.00000262	0.92	0.000525	1.41	0.000826	0.0000273	0.861	0.000666	0.00184	0.0000913	0.0000555	0.0000268	0.0213	0.00000525	0.000016	0.000262	0.00167
2056 Jul	27.3	0.00854	0.00401	0.000532	5.45	0.0346	3.93	0.00000532	0.00286	0.000272	0.00532	0.00909	0.0000106	4.28	0.00000301	0.0000532	0.0000766	0.000278	0.00766	0.00000266	0.939	0.000532	1.44	0.000841	0.0000276	0.878	0.000682	0.00187	0.0000881	0.0000561	0.0000271	0.0217	0.00000532	0.0000162	0.000266	0.00168
2056 Aug	27.1	0.00833	0.00398	0.000537	5.42	0.0345	3.91	0.00000537	0.00298	0.000272	0.00537	0.00904	0.0000107	4.27	0.00000302	0.0000537	0.000077	0.000279	0.00804	0.00000268	0.934	0.000537	1.43	0.000901	0.0000281	0.874	0.000681	0.00185	0.0000859	0.0000564	0.0000273	0.0217	0.00000537	0.0000165	0.000268	0.00169
2056 Sep	26.4	0.00805	0.00385	0.000531	5.28	0.0336	3.8	0.00000531	0.00307	0.000267	0.00531	0.00877	0.0000106	4.17	0.00000297	0.0000531	0.0000746	0.000276	0.00834	0.00000266	0.909	0.000531	1.39	0.000922	0.0000281	0.85	0.000652	0.00178	0.0000809	0.0000557	0.0000272	0.0211	0.00000531	0.0000164	0.000266	0.00167
2056 Oct	26.2	0.00791	0.00382	0.000529	5.24	0.0334	3.77	0.00000529	0.00315	0.000265	0.00529	0.00866	0.0000106	4.13	0.00000306	0.0000529	0.0000748	0.000278	0.00839	0.00000264	0.9	0.000529	1.38	0.000923	0.0000279	0.841	0.000643	0.00174	0.0000984	0.0000562	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.00169
2056 Nov	26.1	0.00781	0.00382	0.000528	5.24	0.0334	3.77	0.00000528	0.0032	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000312	0.0000528	0.0000752	0.00028	0.00839	0.00000264	0.899	0.000528	1.37	0.000923	0.0000278	0.839	0.000643	0.00172	0.00011	0.0000567	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2056 Dec	26.1	0.00781	0.00382	0.000528	5.24	0.0334	3.77	0.00000528	0.0032	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000312	0.0000528	0.0000752	0.00028	0.00839	0.00000264	0.899	0.000528	1.37	0.000923	0.0000278	0.839	0.000643	0.00172	0.00011	0.0000567	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2057 Jan	26.1	0.00781	0.00382	0.000528	5.24	0.0334	3.77	0.00000528	0.0032	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000312	0.0000528	0.0000752	0.00028	0.00839	0.00000264	0.899	0.000528	1.37	0.000923	0.0000278	0.839	0.000643	0.00172	0.00011	0.0000567	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2057 Feb	26.1	0.00782	0.00382	0.000528	5.24	0.0334	3.77	0.00000528	0.0032	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000312	0.0000528	0.0000752	0.00028	0.00839	0.00000264	0.899	0.000528	1.37	0.000923	0.0000278	0.839	0.000643	0.00172	0.00011	0.0000567	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2057 Mar	26.1	0.00782	0.00382	0.000528	5.24	0.0334	3.77	0.00000528	0.0032	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000312	0.0000528	0.0000752	0.00028	0.00839	0.00000264	0.899	0.000528	1.37	0.000923	0.0000278	0.839	0.000643	0.00172	0.00011	0.0000567	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	26.2	0.00783	0.00383	0.000529	5.24	0.0335	3.78	0.00000529	0.0032	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00839	0.00000265	0.9	0.000529	1.38	0.000924	0.0000279	0.84	0.000645	0.00178	0.00011	0.0000568	0.0000272	0.021	0.00000529	0.0000163	0.000265	0.0017
2057 May	26.4	0.00789	0.00385	0.000533	5.26	0.0337	3.81	0.00000533	0.00322	0.000267	0.00533	0.0087	0.0000107	4.16	0.00000314	0.0000533	0.0000757	0.000282	0.00844	0.00000267	0.907	0.000533	1.39	0.000929	0.0000281	0.847	0.00065	0.00186	0.00011	0.0000572	0.0000274	0.0211	0.00000533	0.0000165	0.000267	0.00172
2057 Jun	26.5	0.00828	0.00387	0.000523	5.28	0.0337	3.83	0.00000523	0.00287	0.000265	0.00523	0.00883	0.0000105	4.17	0.00000298	0.0000523	0.0000742	0.000273	0.00762	0.00000261	0.914	0.000523	1.4	0.000828	0.0000273	0.855	0.000661	0.00183	0.0000901	0.0000553	0.0000267	0.0212	0.00000523	0.000016	0.000261	0.00166
2057 Jul	27.1	0.00847	0.00397	0.00053	5.41	0.0344	3.9	0.0000053	0.00286	0.00027	0.0053	0.00903	0.0000106	4.26	0.000003	0.000053	0.0000761	0.000276	0.00768	0.00000265	0.933	0.00053	1.43	0.000844	0.0000276	0.873	0.000677	0.00187	0.000087	0.0000559	0.0000271	0.0216	0.0000053	0.0000162	0.000265	0.00168
2057 Aug	27.1	0.00834	0.00397	0.000536	5.41	0.0344	3.9	0.00000536	0.00298	0.000272	0.00536	0.00904	0.0000107	4.27	0.00000302	0.0000536	0.0000768	0.000279	0.00802	0.00000268	0.934	0.000536	1.43	0.000898	0.000028	0.873	0.00068	0.00186	0.0000857	0.0000564	0.0000273	0.0216	0.00000536	0.0000165	0.000268	0.00169
2057 Sep	26.4	0.00809	0.00385	0.000532	5.28	0.0337	3.81	0.00000532	0.00306	0.000267	0.00532	0.00878	0.0000106	4.17	0.00000297	0.0000532	0.0000746	0.000276	0.00831	0.00000266	0.91	0.000532	1.39	0.000918	0.0000281	0.851	0.000654	0.00179	0.0000811	0.0000557	0.0000273	0.0212	0.00000532	0.0000164	0.000266	0.00167
2057 Oct	26.2	0.00795	0.00382	0.000529	5.25	0.0335	3.78	0.00000529	0.00314	0.000265	0.00529	0.00867	0.0000106	4.14	0.00000306	0.0000529	0.0000748	0.000278	0.00837	0.00000265	0.902	0.000529	1.38	0.00092	0.0000279	0.843	0.000645	0.00175	0.0000984	0.0000563	0.0000272	0.021	0.00000529	0.0000163	0.000265	0.00169
2057 Nov	26.2	0.00786	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00836	0.00000264	0.901	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2057 Dec	26.2	0.00786	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00836	0.00000264	0.901	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2058 Jan	26.2	0.00786	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00836	0.00000264	0.901	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2058 Feb	26.2	0.00786	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00836	0.00000264	0.901	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2058 Mar	26.2	0.00786	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000753	0.00028	0.00836	0.00000264	0.901	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2058 Apr	26.2	0.00787	0.00383	0.00053	5.24	0.0335	3.79	0.0000053	0.00319	0.000265	0.0053	0.00866	0.0000106	4.14	0.00000312	0.000053	0.0000753	0.00028	0.00837	0.00000265	0.902	0.00053	1.38	0.00092	0.0000279	0.842	0.000646	0.00179	0.000109	0.0000568	0.0000272	0.021	0.0000053	0.0000163	0.000265	0.0017
2058 May	26.4	0.00793	0.00385	0.000534	5.26	0.0338	3.82	0.00000534	0.00321	0.000267	0.00534	0.00872	0.0000107	4.17	0.00000314	0.0000534	0.0000758	0.000282	0.00841	0.00000267	0.909	0.000534	1.39	0.000925	0.0000281	0.848	0.000652	0.00188	0.00011	0.0000572	0.0000274	0.0211	0.00000534	0.0000165	0.000267	0.00172
2058 Jun	26.6	0.00831	0.00388	0.000524	5.28	0.0338	3.84	0.00000524	0.00286	0.000265	0.00524	0.00884	0.0000105	4.17	0.00000298	0.0000524	0.0000742	0.000274	0.0076	0.00000262	0.915	0.000524	1.4	0.000826	0.0000273	0.857	0.000662	0.00184	0.00009	0.0000553	0.0000267	0.0212	0.00000524	0.000016	0.000262	0.00166
2058 Jul	27.1	0.00849	0.00397	0.000531	5.4	0.0344	3.91	0.00000531	0.00286	0.00027	0.00531	0.00904	0.0000106	4.26	0.000003	0.0000531	0.000076	0.000277	0.00767	0.00000265	0.934	0.000531	1.43	0.000842	0.0000276	0.874	0.000678	0.00188	0.0000869	0.0000559	0.0000271	0.0216	0.00000531	0.0000162	0.000265	0.00168
2058 Aug	27.1	0.00833	0.00396	0.000536	5.4	0.0344	3.9	0.00000536	0.00298	0.000271	0.00536	0.00902	0.0000107	4.26	0.00000302	0.0000536	0.0000766	0.000279	0.00803	0.00000268	0.932	0.000536	1.43	0.000899	0.000028	0.872	0.000679	0.00186	0.0000853	0.0000563	0.0000273	0.0216	0.00000536	0.0000165	0.000268	0.00169
2058 Sep	26.4	0.00808	0.00385	0.000532	5.28	0.0337	3.81	0.00000532	0.00306	0.000267	0.00532	0.00878	0.0000106	4.17	0.00000297	0.0000532	0.0000746	0.000276	0.00831	0.00000266	0.91	0.000532	1.39	0.000918	0.0000281	0.851	0.000654	0.0018	0.0000809	0.0000557	0.0000273	0.0211	0.00000532	0.0000164	0.000266	0.00167
2058 Oct	26.2	0.00794	0.00382	0.00053	5.24	0.0335	3.78	0.0000053	0.00314	0.000265	0.0053	0.00867	0.0000106	4.14	0.00000306	0.000053	0.0000748	0.000278	0.00836	0.00000265	0.902	0.00053	1.38	0.00092	0.0000279	0.842	0.000645	0.00175	0.0000983	0.0000563	0.0000272	0.021	0.0000053	0.0000163	0.000265	0.00169
2058 Nov	26.2	0.00785	0.00382	0.000529	5.24	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000752	0.00028	0.00836	0.00000264	0.9	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.00011	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2058 Dec	26.2	0.00785	0.00382	0.000529	5.24	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000752	0.00028	0.00836	0.00000264	0.9	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.00011	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2059 Jan	26.2	0.00785	0.00382	0.000529	5.24	0.0334	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000752	0.00028	0.00836	0.00000264	0.9	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2059 Feb	26.2	0.00785	0.00382	0.000529	5.24	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000752	0.00028	0.00836	0.00000264	0.9	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2059 Mar	26.2	0.00785	0.00382	0.000529	5.24	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000312	0.0000529	0.0000752	0.00028	0.00836	0.00000264	0.9	0.000529	1.38	0.00092	0.0000278	0.84	0.000645	0.00174	0.00011	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2059 Apr	26.2	0.00786	0.00383	0.00053	5.24	0.0335	3.79	0.0000053	0.00319	0.000265	0.0053	0.00865	0.0000106	4.14	0.00000312	0.000053	0.0000753	0.00028	0.00837	0.00000265	0.902	0.00053	1.38	0.000921	0.0000279	0.842	0.000646	0.00178	0.00011	0.0000568	0.0000272	0.021	0.0000053	0.0000163	0.000265	0.00171
2059 May	26.4	0.00792	0.00385	0.000534	5.27	0.0338	3.82	0.00000534	0.00321	0.000267	0.00534	0.00872	0.0000107	4.17	0.00000315	0.0000534	0.0000758	0.000283	0.00842	0.00000267	0.909	0.000534	1.39	0.000927	0.0000281	0.848	0.000652	0.00185	0.00011	0.0000573	0.0000274	0.0211	0.00000534	0.0000165	0.000267	0.00172
2059 Jun	26.6	0.00831	0.00388	0.000524	5.29	0.0338	3.84	0.00000524	0.00286	0.000265	0.00524	0.00885	0.0000105	4.18	0.00000298	0.0000524	0.0000743	0.000274	0.0076	0.00000262	0.916	0.000524	1.4	0.000826	0.0000273	0.857	0.000663	0.00182	0.0000901	0.0000553	0.0000267	0.0212	0.00000524	0.000016	0.000262	0.00166
2059 Jul	27.1	0.0085	0.00398	0.00053	5.41	0.0344	3.91	0.0000053	0.00285	0.00027	0.0053	0.00905	0.0000106	4.26	0.000003	0.000053	0.0000761	0.000276	0.00765	0.00000265	0.934	0.00053	1.43	0.000839	0.0000275	0.874	0.000678	0.00186	0.0000866	0.0000558	0.0000271	0.0216	0.0000053	0.0000162	0.000265	0.00168
2059 Aug	27.1	0.00835	0.00397	0.000536	5.41	0.0344	3.9	0.00000536	0.00297	0.000271	0.00536	0.00904	0.0000107	4.26	0.00000301	0.0000536	0.0000767	0.000279	0.008	0.00000268	0.934	0.000536	1.43	0.000894	0.000028	0.873	0.000679	0.00184	0.000085	0.0000563	0.0000273	0.0216	0.00000536	0.0000164	0.000268	0.00169
2059 Sep	26.5	0.0081	0.00386	0.000532	5.29	0.0337	3.81	0.00000532	0.00305	0.000267	0.00532	0.0088	0.0000106	4.18	0.00000297	0.0000532	0.0000746	0.000276	0.00828	0.00000266	0.911	0.000532	1.39	0.000914	0.0000281	0.852	0.000655	0.00178	0.0000807	0.0000557	0.0000272	0.0212	0.00000532	0.0000164	0.000266	0.00167
2059 Oct	26.3	0.00796	0.00383	0.000529	5.26	0.0335	3.79	0.00000529	0.00313	0.000265	0.00529	0.00869	0.0000106	4.14	0.00000306	0.0000529	0.0000748	0.000278	0.00834	0.00000265	0.903	0.000529	1.38	0.000916	0.0000279	0.844	0.000646	0.00174	0.0000979	0.0000563	0.0000272	0.021	0.00000529	0.0000163	0.000265	0.00169
2059 Nov	26.2	0.00787	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00318	0.000265	0.00529	0.00866	0.0000106	4.14	0.00000311	0.0000529	0.0000753	0.00028	0.00834	0.00000264	0.902	0.000529	1.38	0.000916	0.0000278	0.842	0.000646	0.00173	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2059 Dec	26.2	0.00787	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00318	0.000265	0.00529	0.00866	0.0000106	4.14	0.00000311	0.0000529	0.0000753	0.00028	0.00833	0.00000264	0.902	0.000529	1.38	0.000916	0.0000278	0.842	0.000646	0.00173	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2060 Jan	26.2	0.00787	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00318	0.000265	0.00529	0.00866	0.0000106	4.14	0.00000311	0.0000529	0.0000753	0.00028	0.00833	0.00000264	0.902	0.000529	1.38	0.000916	0.0000278	0.842	0.000646	0.00173	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2060 Feb	26.2	0.00787	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00318	0.000265	0.00529	0.00866	0.0000106	4.14	0.00000311	0.0000529	0.0000753	0.00028	0.00833	0.00000264	0.902	0.000529	1.38	0.000916	0.0000278	0.842	0.000646	0.00173	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2060 Mar	26.2	0.00787	0.00383	0.000529	5.25	0.0335	3.78	0.00000529	0.00318	0.000265	0.00529	0.00866	0.0000106	4.14	0.00000311	0.0000529	0.0000753	0.00028	0.00834	0.00000264	0.902	0.000529	1.38	0.000916	0.0000279	0.842	0.000646	0.00173	0.000109	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000264	0.0017
2060 Apr	26.3	0.00788	0.00384	0.00053	5.25	0.0336	3.79	0.0000053	0.00318	0.000266	0.0053	0.00867	0.0000106	4.14	0.00000312	0.000053	0.0000753	0.00028	0.00834	0.00000265	0.904	0.00053	1.38	0.000916	0.0000279	0.843	0.000647	0.00179	0.000109	0.0000568	0.0000272	0.021	0.0000053	0.0000163	0.000265	0.0017
2060 May	26.5	0.00794	0.00386	0.000534	5.27	0.0338	3.82	0.00000534	0.0032	0.000268	0.00534	0.00873	0.0000107	4.17	0.00000314	0.0000534	0.0000758	0.000282	0.00838	0.00000267	0.91	0.000534	1.39	0.000922	0.0000281	0.85	0.000653	0.00187	0.000109	0.0000572	0.0000274	0.0212	0.00000534	0.0000165	0.000267	0.00172
2060 Jun	26.6	0.00832	0.00388	0.000523	5.28	0.0338	3.84	0.00000523	0.00285	0.000265	0.00523	0.00885	0.0000105	4.18	0.00000298	0.0000523	0.0000742	0.000274	0.00757	0.00000262	0.916	0.000523	1.4	0.000823	0.0000273	0.857	0.000663	0.00183	0.0000895	0.0000553	0.0000267	0.0212	0.00000523	0.000016	0.000262	0.00166
2060 Jul	27.1	0.0085	0.00397	0.000531	5.4	0.0344	3.91	0.00000531	0.00285	0.00027	0.00531	0.00905	0.0000106	4.26	0.000003	0.0000531	0.000076	0.000277	0.00765	0.00000265	0.934	0.000531	1.43	0.00084	0.0000276	0.874	0.000679	0.00187	0.0000865	0.0000559	0.0000271	0.0216	0.00000531	0.0000162	0.000265	0.00168
2060 Aug	27.1	0.00834	0.00396	0.000536	5.4	0.0344	3.9	0.00000536	0.00297	0.000271	0.00536	0.00903	0.0000107	4.26	0.00000301	0.0000536	0.0000765	0.000279	0.008	0.00000268	0.933	0.000536	1.43	0.000895	0.000028	0.873	0.00068	0.00185	0.0000849	0.0000563	0.0000273	0.0216	0.00000536	0.0000165	0.000268	0.00169
2060 Sep	26.4	0.00807	0.00384	0.000532	5.27	0.0336	3.81	0.00000532	0.00305	0.000266	0.00532	0.00878	0.0000106	4.17	0.00000296	0.0000532	0.0000744	0.000276	0.0083	0.00000266	0.909	0.000532	1.39	0.000916	0.0000281	0.85	0.000654	0.00179	0.0000803	0.0000557	0.0000272	0.0211	0.00000532	0.0000164	0.000266	0.00167
2060 Oct	26.2	0.00793	0.00381	0.000529	5.23	0.0334	3.78	0.00000529	0.00314	0.000265	0.00529	0.00866	0.0000106	4.13	0.00000305	0.0000529	0.0000745	0.000278	0.00835	0.00000265	0.901	0.000529	1.38	0.000917	0.0000279	0.841	0.000644	0.00175	0.0000974	0.0000562	0.0000272	0.021	0.00000529	0.0000163	0.000265	0.00169
2060 Nov	26.2	0.00784	0.00381	0.000528	5.23	0.0334	3.77	0.00000528	0.00319	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000311	0.0000528	0.000075	0.000279	0.00835	0.00000264	0.899	0.000528	1.37	0.000917	0.0000279	0.839	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2060 Dec	26.2	0.00784	0.00381	0.000528	5.23	0.0334	3.77	0.00000528	0.00319	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000311	0.0000528	0.000075	0.000279	0.00835	0.00000264	0.899	0.000528	1.37	0.000917	0.0000279	0.839	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2061 Jan	26.1	0.00784	0.00381	0.000528	5.23	0.0334	3.77	0.00000528	0.00319	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000311	0.0000528	0.000075	0.000279	0.00835	0.00000264	0.899	0.000528	1.37	0.000917	0.0000278	0.839	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2061 Feb	26.1	0.00784	0.00381	0.000528	5.23	0.0334	3.77	0.00000528	0.00319	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000311	0.0000528	0.000075	0.000279	0.00835	0.00000264	0.899	0.000528	1.37	0.000917	0.0000279	0.839	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2061 Mar	26.2	0.00784	0.00382	0.000528	5.23	0.0334	3.77	0.00000528	0.00319	0.000265	0.00528	0.00863	0.0000106	4.13	0.00000311	0.0000528	0.000075	0.000279	0.00835	0.00000264	0.899	0.000528	1.37	0.000917	0.0000279	0.839	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.021	0.00000528	0.0000163	0.000264	0.0017
2061 Apr	26.2	0.00785	0.00382	0.000529	5.23	0.0335	3.78	0.00000529	0.00319	0.000265	0.00529	0.00864	0.0000106	4.13	0.00000311	0.0000529	0.000075	0.00028	0.00836	0.00000265	0.901	0.000529	1.38	0.000918	0.0000279	0.841	0.000646	0.00179	0.000108	0.0000567	0.0000272	0.021	0.00000529	0.0000163	0.000265	0.0017
2061 May	26.4	0.00791	0.00384	0.000534	5.25	0.0338	3.81	0.00000534	0.0032	0.000267	0.00534	0.0087	0.0000107	4.16	0.00000313	0.0000534	0.0000754	0.000282	0.00839	0.00000267	0.907	0.000534	1.39	0.000923	0.0000281	0.847	0.000652	0.00188	0.000108	0.0000572	0.0000274	0.0211	0.00000534	0.0000165	0.000267	0.00171
2061 Jun	26.5	0.00828	0.00385	0.000523	5.24	0.0337	3.83	0.00000523	0.00286	0.000264	0.00523	0.00881	0.0000105	4.16	0.00000297	0.0000523	0.0000737	0.000273	0.00758	0.00000261	0.912	0.000523	1.4	0.000824	0.0000272	0.854	0.000662	0.00183	0.0000889	0.0000552	0.0000267	0.0211	0.00000523	0.000016	0.000261	0.00166
2061 Jul	27	0.00845	0.00394	0.00053	5.36	0.0343	3.9	0.0000053	0.00286	0.000269	0.0053	0.009	0.0000106	4.24	0.00000299	0.000053	0.0000755	0.000276	0.00766	0.00000265	0.93	0.00053	1.42	0.000843	0.0000275	0.87	0.000676	0.00186	0.0000858	0.0000557	0.000027	0.0215	0.0000053	0.0000162	0.000265	0.00167
2061 Aug	27	0.00831	0.00393	0.000536	5.37	0.0343	3.89	0.00000536	0.00298	0.00027	0.00536	0.009	0.0000107	4.24	0.00000301	0.0000536	0.0000762	0.000279	0.00801	0.00000268	0.929	0.000536	1.42	0.000897	0.000028	0.87	0.000678	0.00185	0.0000843	0.0000562	0.0000273	0.0215	0.00000536	0.0000164	0.000268	0.00169
2061 Sep	26.3	0.00805	0.00382	0.000532	5.25	0.0336	3.8	0.00000532	0.00306	0.000266	0.00532	0.00876	0.0000106	4.16	0.00000296	0.0000532	0.0000741	0.000276	0.00829	0.00000266	0.907	0.000532	1.39	0.000918	0.0000281	0.849	0.000653	0.00179	0.00008	0.0000556	0.0000272	0.0211	0.00000532	0.0000164	0.000266	0.00167
2061 Oct	26.1	0.00792	0.00379	0.000529	5.21	0.0334	3.77	0.00000529	0.00314	0.000264	0.00529	0.00864	0.0000106	4.12	0.00000305	0.0000529	0.0000743	0.000278	0.00835	0.00000265	0.899	0.000529	1.37	0.000919	0.0000279	0.84	0.000644	0.00175	0.0000968	0.0000562	0.0000272	0.0209	0.00000529	0.0000163	0.000265	0.00169
2061 Nov	26.1	0.00783	0.0038	0.000528	5.21	0.0334	3.77	0.00000528	0.00319	0.000264	0.00528	0.00862	0.0000106	4.12	0.00000311	0.0000528	0.0000747	0.000279	0.00835	0.00000264	0.897	0.000528	1.37	0.000919	0.0000278	0.838	0.000644	0.00173	0.000108	0.0000566	0.0000272	0.0209	0.00000528	0.0000163	0.000264	0.0017
2061 Dec	26.1	0.00783	0.0038	0.000528	5.21	0.0334	3.77	0.00000528	0.00319	0.000264	0.00528	0.00862	0.0000106	4.12	0.00000311	0.0000528	0.0000747	0.000279	0.00835	0.00000264	0.897	0.000528	1.37	0.000919	0.0000278	0.838	0.000644	0.00173	0.000108	0.0000566	0.0000272	0.0209	0.00000528	0.0000163	0.000264	0.0017
2062 Jan	26.1	0.00783	0.0038	0.000528	5.21	0.0334	3.77	0.00000528	0.00319	0.000264	0.00528	0.00862	0.0000106	4.12	0.00000311	0.0000528	0.0000747	0.000279	0.00835	0.00000264	0.897	0.000528	1.37	0.000919	0.0000278	0.838	0.000644	0.00173	0.000108	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2062 Feb	26.1	0.00783	0.0038	0.000528	5.21	0.0334	3.77	0.00000528	0.00319	0.000264	0.00528	0.00862	0.0000106	4.12	0.00000311	0.0000528	0.0000747	0.000279	0.00835	0.00000264	0.897	0.000528	1.37	0.000919	0.0000278	0.838	0.000644	0.00173	0.000108	0.0000566	0.0000272	0.0209	0.00000528	0.0000163	0.000264	0.0017
2062 Mar	26.1	0.00784	0.0038	0.000528	5.21	0.0334	3.77	0.00000528	0.00319	0.000264	0.00528	0.00862	0.0000106	4.12	0.00000311	0.0000528	0.0000747	0.000279	0.00835	0.00000264	0.898	0.000528	1.37	0.000919	0.0000278	0.838	0.000644	0.00173	0.000108	0.0000566	0.0000272	0.0209	0.00000528	0.0000163	0.000264	0.0017
2062 Apr	26.1	0.00785	0.0038	0.000529	5.21	0.0334	3.78	0.00000529	0.00319	0.000264	0.00529	0.00863	0.0000106	4.12	0.00000311	0.0000529	0.0000748	0.00028	0.00836	0.00000265	0.899	0.000529	1.37	0.00092	0.0000279	0.84	0.000645	0.00179	0.000108	0.0000567	0.0000272	0.0209	0.00000529	0.0000163	0.000265	0.0017
2062 May	26.3	0.00791	0.00382	0.000534	5.23	0.0337	3.81	0.00000534	0.0032	0.000266	0.00534	0.00869	0.0000107	4.15	0.00000313	0.0000534	0.0000752	0.000282	0.0084	0.00000267	0.906	0.000534	1.38	0.000925	0.0000281	0.846	0.000651	0.00188	0.000108	0.0000571	0.0000274	0.021	0.00000534	0.0000165	0.000267	0.00171
2062 Jun	26.5	0.00829	0.00385	0.000523	5.24	0.0337	3.83	0.00000523	0.00286	0.000264	0.00523	0.00881	0.0000105	4.16	0.00000297	0.0000523	0.0000737	0.000273	0.00758	0.00000262	0.912	0.000523	1.4	0.000825	0.0000272	0.854	0.000662	0.00184	0.0000885	0.0000552	0.0000267	0.0211	0.00000523	0.000016	0.000262	0.00166
2062 Jul	27	0.00846	0.00394	0.00053	5.37	0.0343	3.9	0.0000053	0.00286	0.000269	0.0053	0.009	0.0000106	4.24	0.00000299	0.000053	0.0000756	0.000276	0.00766	0.00000265	0.93	0.00053	1.42	0.000844	0.0000275	0.871	0.000677	0.00187	0.0000855	0.0000558	0.000027	0.0215	0.0000053	0.0000162	0.000265	0.00167
2062 Aug	27	0.0083	0.00393	0.000536	5.37	0.0343	3.89	0.00000536	0.00298	0.00027	0.00536	0.00899	0.0000107	4.24	0.000003	0.0000536	0.0000762	0.000278	0.00802	0.00000268	0.929	0.000536	1.42	0.0009	0.000028	0.87	0.000678	0.00186	0.0000838	0.0000562	0.0000273	0.0215	0.00000536	0.0000164	0.000268	0.00169
2062 Sep	26.3	0.00804	0.00382	0.000531	5.24	0.0335	3.8	0.00000531	0.00306	0.000266	0.00531	0.00875	0.0000106	4.15	0.00000296	0.0000531	0.0000741	0.000275	0.00831	0.00000266	0.906	0.000531	1.38	0.000921	0.0000281	0.848	0.000653	0.00179	0.0000794	0.0000556	0.0000272	0.021	0.00000531	0.0000164	0.000266	0.00167
2062 Oct	26.1	0.00791	0.00379	0.000529	5.2	0.0333	3.77	0.00000529	0.00315	0.000264	0.00529	0.00863	0.0000106	4.12	0.00000304	0.0000529	0.0000743	0.000277	0.00837	0.00000264	0.897	0.000529	1.37	0.000922	0.0000279	0.839	0.000643	0.00175	0.0000965	0.0000561	0.0000272	0.0209	0.00000529	0.0000163	0.000264	0.00168
2062 Nov	26.1	0.00782	0.00379	0.000528	5.2	0.0333	3.77	0.00000528	0.00319	0.000264	0.00528	0.0086	0.0000106	4.11	0.0000031	0.0000528	0.0000747	0.000279	0.00837	0.00000264	0.896	0.000528	1.37	0.000922	0.0000278	0.837	0.000643	0.00174	0.000107	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2062 Dec	26.1	0.00782	0.00379	0.000528	5.2	0.0333	3.76	0.00000528	0.00319	0.000264	0.00528	0.0086	0.0000106	4.11	0.0000031	0.0000528	0.0000747	0.000279	0.00836	0.00000264	0.896	0.000528	1.37	0.000922	0.0000278	0.837	0.000643	0.00174	0.000107	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2063 Jan	26.1	0.00782	0.00379	0.000528	5.2	0.0333	3.76	0.00000528	0.00319	0.000264	0.00528	0.0086	0.0000106	4.11	0.0000031	0.0000528	0.0000747	0.000279	0.00836	0.00000264	0.896	0.000528	1.37	0.000922	0.0000278	0.837	0.000643	0.00174	0.000107	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2063 Feb	26.1	0.00782	0.00379	0.000528	5.2	0.0333	3.76	0.00000528	0.00319	0.000264	0.00528	0.0086	0.0000106	4.11	0.0000031	0.0000528	0.0000747	0.000279	0.00836	0.00000264	0.896	0.000528	1.37	0.000922	0.0000278	0.837	0.000643	0.00174	0.000107	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2063 Mar	26.1	0.00782	0.00379	0.000528	5.2	0.0333	3.77	0.00000528	0.00319	0.000264	0.00528	0.0086	0.0000106	4.11	0.0000031	0.0000528	0.0000747	0.000279	0.00836	0.00000264	0.896	0.000528	1.37	0.000922	0.0000278	0.837	0.000643	0.00174	0.000107	0.0000566	0.0000271	0.0209	0.00000528	0.0000163	0.000264	0.0017
2063 Apr	26.1	0.00783	0.00379	0.000529	5.2	0.0334	3.77	0.00000529	0.00319	0.000264	0.00529	0.00862	0.0000106	4.12	0.00000311	0.0000529	0.0000748	0.00028	0.00837	0.00000265	0.898	0.000529	1.37	0.000923	0.0000279	0.839	0.000645	0.0018	0.000107	0.0000567	0.0000272	0.0209	0.00000529	0.0000163	0.000265	0.0017
2063 May	26.3	0.00789	0.00381	0.000533	5.22	0.0337	3.8	0.00000533	0.00321	0.000266	0.00533	0.00867	0.0000107	4.14	0.00000313	0.0000533	0.0000752	0.000282	0.00841	0.00000267	0.904	0.000533	1.38	0.000927	0.0000281	0.845	0.000651	0.00189	0.000107	0.0000571	0.0000274	0.021	0.00000533	0.0000165	0.000267	0.00171
2063 Jun	26.4	0.00827	0.00383	0.000522	5.22	0.0336	3.82	0.00000522	0.00286	0.000264	0.00522	0.00879	0.0000104	4.15	0.00000297	0.0000522	0.0000735	0.000273	0.00758	0.00000261	0.91	0.000522	1.39	0.000827	0.0000272	0.852	0.000661	0.00184	0.0000879	0.0000551	0.0000267	0.021	0.00000522	0.000016	0.000261	0.00165
2063 Jul	26.9	0.00844	0.00392	0.00053	5.34	0.0342	3.89	0.0000053	0.00286	0.000269	0.0053	0.00898	0.0000106	4.23	0.00000298	0.000053	0.0000753	0.000276	0.00766	0.00000265	0.927	0.00053	1.42	0.000846	0.0000275	0.869	0.000676	0.00187	0.0000849	0.0000557	0.000027	0.0214	0.0000053	0.0000162	0.000265	0.00167
2063 Aug	26.9	0.00829	0.00391	0.000535	5.35	0.0342	3.88	0.00000535	0.00298	0.00027	0.00535	0.00897	0.0000107	4.23	0.000003	0.0000535	0.0000759	0.000278	0.00802	0.00000268	0.927	0.000535	1.42	0.000901	0.000028	0.868	0.000677	0.00186	0.0000834	0.0000562	0.0000273	0.0214	0.00000535	0.0000164	0.000268	0.00169
2063 Sep	26.2	0.00802	0.00379	0.000531	5.21	0.0334	3.79	0.00000531	0.00306	0.000265	0.00531	0.00871	0.0000106	4.14	0.00000295	0.0000531	0.0000737	0.000275	0.00832	0.00000265	0.903	0.000531	1.38	0.000921	0.0000281	0.845	0.00065	0.00179	0.0000787	0.0000555	0.0000272	0.0209	0.00000531	0.0000164	0.000265	0.00166
2063 Oct	26	0.00789	0.00377	0.000528	5.18	0.0332	3.76	0.00000528	0.00315	0.000263	0.00528	0.0086	0.0000106	4.1	0.00000304	0.0000528	0.0000739	0.000277	0.00838	0.00000264	0.894	0.000528	1.37	0.000923	0.0000279	0.836	0.000641	0.00175	0.0000959	0.000056	0.0000272	0.0208	0.00000528	0.0000163	0.000264	0.00168
2063 Nov	26	0.00779	0.00377	0.000527	5.18	0.0332	3.75	0.00000527	0.0032	0.000263	0.00527	0.00857	0.0000105	4.1	0.0000031	0.0000527	0.0000744	0.000279	0.00837	0.00000264	0.893	0.000527	1.37	0.000923	0.0000278	0.834	0.000641	0.00173	0.000107	0.0000565	0.0000271	0.0208	0.00000527	0.0000163	0.000264	0.00169
2063 Dec	26	0.0078	0.00377	0.000527	5.18	0.0332	3.75	0.00000527	0.0032	0.000263	0.00527	0.00857	0.0000105	4.1	0.0000031	0.0000527	0.0000744	0.000279	0.00837	0.00000264	0.893	0.000527	1.37	0.000923	0.0000278	0.834	0.000641	0.00173	0.000107	0.0000565	0.0000271	0.0208	0.00000527	0.0000163	0.000264	0.00169
2064 Jan	26	0.0078	0.00377	0.000527	5.18	0.0332	3.75	0.00000527	0.0032	0.000263	0.00527	0.00857	0.0000105	4.1	0.0000031	0.0000527	0.0000744	0.000279	0.00837	0.00000264	0.893	0.000527	1.37	0.000923	0.0000278	0.834	0.000641	0.00173	0.000107	0.0000565	0.0000271	0.0208	0.00000527	0.0000163	0.000264	0.00169
2064 Feb	26	0.0078	0.00377	0.000527	5.18	0.0332	3.75	0.00000527	0.0032	0.000263	0.00527	0.00857	0.0000105	4.1	0.0000031	0.0000527	0.0000744	0.000279	0.00837	0.00000264	0.893	0.000527	1.37	0.000923	0.0000278	0.834	0.000641	0.00173	0.000107	0.0000565	0.0000271	0.0208	0.00000527	0.0000163	0.000264	0.00169
2064 Mar	26	0.0078	0.00377	0.000527	5.18	0.0332	3.75	0.00000527	0.0032	0.000263	0.00527	0.00857	0.0000105	4.1	0.0000031	0.0000527	0.0000744	0.000279	0.00837	0.00000264	0.893	0.000527	1.37	0.000923	0.0000278	0.834	0.000641	0.00173	0.000107	0.0000565	0.0000271	0.0208	0.00000527	0.0000163	0.000264	0.00169
2064 Apr	26	0.00781	0.00377	0.000528	5.17	0.0333	3.76	0.00000528	0.0032	0.000263	0.00528	0.00858	0.0000106	4.1	0.0000031	0.0000528	0.0000744	0.000279	0.00838	0.00000264	0.895	0.000528	1.37	0.000924	0.0000279	0.836	0.000642	0.00179	0.000107	0.0000566	0.0000272	0.0208	0.00000528	0.0000163	0.000264	0.0017
2064 May	26.2	0.00787	0.00379	0.000533	5.19	0.0336	3.79	0.00000533	0.00321	0.000265	0.00533	0.00864	0.0000107	4.13	0.00000312	0.0000533	0.0000748	0.000281	0.00842	0.00000266	0.901	0.000533	1.38	0.000928	0.0000281	0.842	0.000648	0.00188	0.000107	0.000057	0.0000274	0.0209	0.00000533	0.0000165	0.000266	0.00171
2064 Jun	26.4	0.00826	0.00382	0.000522	5.21	0.0335	3.82	0.00000522	0.00286	0.000263	0.00522	0.00877	0.0000104	4.14	0.00000296	0.0000522	0.0000733	0.000272	0.00758	0.00000261	0.908	0.000522	1.39	0.000827	0.0000272	0.851	0.000659	0.00184	0.0000875	0.0000551	0.0000267	0.021	0.00000522	0.000016	0.000261	0.00165
2064 Jul	26.9	0.00843	0.00392	0.000529	5.33	0.0342	3.88	0.00000529	0.00286	0.000268	0.00529	0.00896	0.0000106	4.22	0.00000298	0.0000529	0.0000752	0.000275	0.00767	0.00000265	0.926	0.000529	1.42	0.000846	0.0000275	0.867	0.000674	0.00187	0.0000845	0.0000556	0.000027	0.0214	0.00000529	0.0000162	0.000265	0.00167
2064 Aug	26.8	0.00826	0.0039	0.000535	5.33	0.0342	3.87	0.00000535	0.00298	0.000269	0.00535	0.00895	0.0000107	4.22	0.00000299	0.0000535	0.0000758	0.000278	0.00803	0.00000267	0.924	0.000535	1.42	0.000903	0.000028	0.866	0.000676	0.00185	0.0000829	0.0000561	0.0000273	0.0214	0.00000535	0.0000164	0.000267	0.00168
2064 Sep	26.1	0.00799	0.00377	0.000529	5.18	0.0333	3.77	0.00000529	0.00306	0.000263	0.00529	0.00866	0.0000106	4.11	0.00000294	0.0000529	0.0000733	0.000274	0.00833	0.00000264	0.897	0.000529	1.37	0.000923	0.000028	0.841	0.000646	0.00178	0.0000779	0.0000553	0.0000271	0.0208	0.00000529	0.0000163	0.000264	0.00166
2064 Oct	25.8	0.00782	0.00373	0.000525	5.13	0.0329	3.72	0.00000525	0.00317	0.000261	0.00525	0.0085	0.0000105	4.06	0.00000304	0.0000525	0.0000734	0.000276	0.0084	0.00000262	0.885	0.000525	1.35	0.000923	0.0000277	0.828	0.000632	0.00172	0.000099	0.0000559	0.0000271	0.0206	0.00000525	0.0000162	0.000262	0.00168
2064 Nov	25.7	0.00771	0.00373	0.000524	5.13	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00847	0.0000105	4.06	0.00000311	0.0000524	0.000074	0.000278	0.0084	0.00000262	0.884	0.000524	1.35	0.000923	0.0000276	0.825	0.000632	0.0017	0.000113	0.0000564	0.000027	0.0206	0.00000524	0.0000162	0.000262	0.00169
2064 Dec	25.7	0.00771	0.00373	0.000524	5.13	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00847	0.0000105	4.06	0.00000311	0.0000524	0.0000739	0.000278	0.00839	0.00000262	0.884	0.000524	1.35	0.000923	0.0000276	0.825	0.000632	0.0017	0.000113	0.0000564	0.000027	0.0206	0.00000524	0.0000162	0.000262	0.00169
2065 Jan	25.7	0.00771	0.00373	0.000524	5.13	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00847	0.0000105	4.06	0.00000311	0.0000524	0.0000739	0.000278	0.00839	0.00000262	0.884	0.000524	1.35	0.000923	0.0000276	0.825	0.000632	0.0017	0.000113	0.0000564	0.000027	0.0206	0.00000524	0.0000162	0.000262	0.00169
2065 Feb	25.7	0.00771	0.00373	0.000524	5.13	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00847	0.0000105	4.06	0.00000311	0.0000524	0.0000739	0.000278	0.00839	0.00000262	0.884	0.000524	1.35	0.000923	0.0000276	0.825	0.000632	0.0017	0.000113	0.0000564	0.000027	0.0206	0.00000524	0.0000162	0.000262	0.00169
2065 Mar	25.7	0.00771	0.00373	0.000524	5.13	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00847	0.0000105	4.06	0.00000311	0.0000524	0.0000739	0.000278	0.0084	0.00000262	0.884	0.000524	1.35	0.000923	0.0000276	0.825	0.000632	0.00171	0.000113	0.0000564	0.000027	0.0206	0.00000524	0.0000162	0.000262	0.00169
2065 Apr	25.8	0.00772	0.00373	0.000525	5.12	0.033	3.73	0.00000525	0.00322	0.000261	0.00525	0.00848	0.0000105	4.06	0.00000312	0.0000525	0.000074	0.000279	0.0084	0.00000263	0.885	0.000525	1.35	0.000924	0.0000276	0.827	0.000633	0.00177	0.000112	0.0000565	0.0000271	0.0206	0.00000525	0.0000162	0.000263	0.0017
2065 May	25.9	0.00778	0.00376	0.000529	5.14	0.0333	3.76	0.00000529	0.00324	0.000263	0.00529	0.00854	0.0000106	4.09	0.00000314	0.0000529	0.0000744	0.000281	0.00844	0.00000265	0.892	0.000529	1.36	0.000928	0.0000279	0.833	0.000639	0.00186	0.000113	0.0000569	0.0000273	0.0207	0.00000529	0.0000164	0.000265	0.00171
2065 Jun	26.2	0.00819	0.00379	0.000519	5.17	0.0333	3.79	0.00000519	0.00288	0.000262	0.00519	0.00869	0.0000104	4.11	0.00000297	0.0000519	0.000073	0.000272	0.0076	0.0000026	0.901	0.000519	1.38	0.000826	0.000027	0.844	0.000652	0.00182	0.0000919	0.000055	0.0000266	0.0208	0.00000519	0.0000159	0.00026	0.00165
2065 Jul	26.7	0.00838	0.00389	0.000527	5.3	0.034	3.86	0.00000527	0.00288	0.000267	0.00527	0.0089	0.0000105	4.2	0.00000299	0.0000527	0.0000749	0.000275	0.00768	0.00000264	0.92	0.000527	1.41	0.000844	0.0000274	0.862	0.000668	0.00185	0.0000888	0.0000556	0.000027	0.0213	0.00000527	0.0000161	0.000264	0.00167
2065 Aug	26.7	0.00825	0.00389	0.000533	5.31	0.0341	3.86	0.00000533	0.003	0.000268	0.00533	0.0089	0.0000107	4.21	0.00000301	0.0000533	0.0000757	0.000278	0.00803	0.00000267	0.921	0.000533	1.41	0.0009	0.0000278	0.862	0.000671	0.00184	0.0000874	0.0000561	0.0000272	0.0213	0.00000533	0.0000164	0.000267	0.00168
2065 Sep	26.1	0.00802	0.00378	0.000529	5.19	0.0333	3.78	0.00000529	0.00307	0.000264	0.00529	0.00867	0.0000106	4.12	0.00000297	0.0000529	0.0000737	0.000275	0.0083	0.00000265	0.899	0.000529	1.38	0.000918	0.0000279	0.842	0.000646	0.00178	0.0000828	0.0000555	0.0000272	0.0209	0.00000529	0.0000163	0.000265	0.00167
2065 Oct	25.9	0.00789	0.00375	0.000526	5.15	0.0331	3.74	0.00000526	0.00316	0.000262	0.00526	0.00854	0.0000105	4.08	0.00000305	0.0000526	0.0000738	0.000277	0.00837	0.00000263	0.889	0.000526	1.36	0.00092	0.0000277	0.832	0.000635	0.00174	0.0001	0.000056	0.0000272	0.0207	0.00000526	0.0000162	0.000263	0.00168
2065 Nov	25.9	0.00779	0.00375	0.000525	5.15	0.0331	3.74	0.00000525	0.00321	0.000262	0.00525	0.00852	0.0000105	4.08	0.00000311	0.0000525	0.0000742	0.000279	0.00837	0.00000263	0.888	0.000525	1.36	0.00092	0.0000276	0.83	0.000635	0.00172	0.000111	0.0000565	0.0000271	0.0207	0.00000525	0.0000162	0.000263	0.00169
2065 Dec	25.9	0.0078	0.00375	0.000525	5.15	0.0331	3.74	0.00000525	0.00321	0.000262	0.00525	0.00852	0.0000105	4.08	0.00000311	0.0000525	0.0000742	0.000279	0.00836	0.00000263	0.888	0.000525	1.36	0.00092	0.0000276	0.83	0.000635	0.00172	0.000111	0.0000565	0.0000271	0.0207	0.00000525	0.0000162	0.000263	0.00169
2066 Jan	25.9	0.0078	0.00375	0.000525	5.15	0.0331	3.74	0.00000525	0.00321	0.000262	0.00525	0.00852	0.0000105	4.08	0.00000311	0.0000525	0.0000742	0.000279	0.00836	0.00000263	0.888	0.000525	1.36	0.00092	0.0000276	0.83	0.000635	0.00172	0.000111	0.0000565	0.0000271	0.0207	0.00000525	0.0000162	0.000263	0.00169
2066 Feb	25.9	0.0078	0.00375	0.000525	5.15	0.0331	3.74	0.00000525	0.00321	0.000262	0.00525	0.00852	0.0000105	4.08	0.00000311	0.0000525	0.0000742	0.000279	0.00836	0.00000263	0.888	0.000525	1.36	0.00092	0.0000276	0.83	0.000635	0.00172	0.000111	0.0000565	0.0000271	0.0207	0.00000525	0.0000162	0.000263	0.00169

Appendix C13: A43 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	25.9	0.0078	0.00375	0.000526	5.15	0.0331	3.74	0.00000526	0.00321	0.000262	0.00526	0.00852	0.0000105	4.08	0.00000311	0.0000526	0.0000742	0.000279	0.00837	0.00000263	0.888	0.000526	1.36	0.00092	0.0000276	0.83	0.000635	0.00172	0.000111	0.0000565	0.0000271	0.0207	0.00000526	0.0000162	0.000263	0.0017
2066 Apr	25.9	0.00781	0.00375	0.000527	5.15	0.0332	3.75	0.00000527	0.00321	0.000262	0.00527	0.00853	0.0000105	4.08	0.00000312	0.0000527	0.0000743	0.000279	0.00837	0.00000263	0.89	0.000527	1.36	0.00092	0.0000277	0.831	0.000637	0.00179	0.000111	0.0000566	0.0000272	0.0207	0.00000527	0.0000162	0.000263	0.0017
2066 May	26.1	0.00787	0.00377	0.000531	5.16	0.0334	3.78	0.00000531	0.00322	0.000264	0.00531	0.00859	0.0000106	4.11	0.00000314	0.0000531	0.0000747	0.000281	0.00841	0.00000265	0.896	0.000531	1.37	0.000925	0.0000279	0.838	0.000643	0.00189	0.000111	0.000057	0.0000274	0.0208	0.00000531	0.0000164	0.000265	0.00171
2066 Jun	26.3	0.00825	0.00381	0.00052	5.19	0.0334	3.81	0.0000052	0.00286	0.000262	0.0052	0.00873	0.0000104	4.12	0.00000297	0.000052	0.0000732	0.000272	0.00757	0.0000026	0.904	0.00052	1.38	0.000823	0.000027	0.847	0.000655	0.00185	0.0000908	0.000055	0.0000267	0.0209	0.0000052	0.0000159	0.00026	0.00165
2066 Jul	26.8	0.00843	0.00391	0.000528	5.31	0.034	3.87	0.00000528	0.00286	0.000267	0.00528	0.00892	0.0000106	4.21	0.00000299	0.0000528	0.0000751	0.000275	0.00764	0.00000264	0.923	0.000528	1.41	0.000841	0.0000273	0.864	0.00067	0.00188	0.0000874	0.0000556	0.000027	0.0213	0.00000528	0.0000161	0.000264	0.00167
2066 Aug	26.8	0.00828	0.00389	0.000533	5.32	0.0341	3.87	0.00000533	0.00298	0.000269	0.00533	0.00892	0.0000107	4.21	0.000003	0.0000533	0.0000757	0.000278	0.008	0.00000267	0.922	0.000533	1.41	0.000896	0.0000278	0.864	0.000672	0.00187	0.0000858	0.0000561	0.0000273	0.0213	0.00000533	0.0000164	0.000267	0.00168
2066 Sep	26.1	0.00802	0.00377	0.000528	5.18	0.0333	3.77	0.00000528	0.00306	0.000263	0.00528	0.00865	0.0000106	4.11	0.00000295	0.0000528	0.0000734	0.000274	0.0083	0.00000264	0.897	0.000528	1.37	0.000916	0.0000279	0.84	0.000644	0.00179	0.0000808	0.0000554	0.0000272	0.0208	0.00000528	0.0000163	0.000264	0.00166
2066 Oct	25.7	0.00785	0.00373	0.000524	5.12	0.0329	3.73	0.00000524	0.00316	0.000261	0.00524	0.00849	0.0000105	4.06	0.00000305	0.0000524	0.0000734	0.000276	0.00838	0.00000262	0.884	0.000524	1.35	0.000917	0.0000276	0.827	0.00063	0.00173	0.000101	0.0000559	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00168
2066 Nov	25.7	0.00775	0.00373	0.000524	5.12	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00846	0.0000105	4.06	0.00000312	0.0000524	0.0000739	0.000278	0.00837	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.825	0.00063	0.00172	0.000114	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2066 Dec	25.7	0.00775	0.00373	0.000524	5.12	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00846	0.0000105	4.06	0.00000312	0.0000524	0.0000739	0.000278	0.00837	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.825	0.00063	0.00172	0.000114	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2067 Jan	25.7	0.00775	0.00373	0.000524	5.12	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00846	0.0000105	4.06	0.00000312	0.0000524	0.0000739	0.000278	0.00837	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.825	0.00063	0.00172	0.000114	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2067 Feb	25.7	0.00775	0.00373	0.000524	5.12	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00846	0.0000105	4.06	0.00000312	0.0000524	0.0000739	0.000278	0.00837	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.825	0.00063	0.00172	0.000114	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2067 Mar	25.7	0.00775	0.00373	0.000524	5.12	0.0329	3.72	0.00000524	0.00322	0.000261	0.00524	0.00846	0.0000105	4.06	0.00000312	0.0000524	0.0000739	0.000278	0.00837	0.00000262	0.883	0.000524	1.35	0.000918	0.0000275	0.825	0.00063	0.00172	0.000114	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2067 Apr	25.8	0.00776	0.00374	0.000525	5.12	0.033	3.73	0.00000525	0.00322	0.000261	0.00525	0.00847	0.0000105	4.06	0.00000312	0.0000525	0.000074	0.000279	0.00838	0.00000262	0.885	0.000525	1.35	0.000918	0.0000276	0.826	0.000632	0.00179	0.000114	0.0000565	0.0000271	0.0206	0.00000525	0.0000162	0.000262	0.0017
2067 May	25.9	0.00782	0.00376	0.000529	5.14	0.0333	3.76	0.00000529	0.00323	0.000263	0.00529	0.00853	0.0000106	4.09	0.00000315	0.0000529	0.0000744	0.000281	0.00842	0.00000264	0.891	0.000529	1.36	0.000923	0.0000278	0.833	0.000638	0.00189	0.000114	0.000057	0.0000273	0.0207	0.00000529	0.0000163	0.000264	0.00171
2067 Jun	26.2	0.00822	0.00379	0.000519	5.16	0.0333	3.79	0.00000519	0.00287	0.000261	0.00519	0.00869	0.0000104	4.11	0.00000298	0.0000519	0.0000729	0.000272	0.00758	0.00000259	0.9	0.000519	1.38	0.000821	0.000027	0.844	0.000651	0.00184	0.0000929	0.000055	0.0000266	0.0208	0.00000519	0.0000159	0.000259	0.00165
2067 Jul	26.7	0.00841	0.00389	0.000526	5.3	0.034	3.86	0.00000526	0.00287	0.000267	0.00526	0.00889	0.0000105	4.19	0.00000299	0.0000526	0.0000748	0.000275	0.00764	0.00000263	0.92	0.000526	1.41	0.000837	0.0000273	0.861	0.000667	0.00188	0.0000897	0.0000556	0.000027	0.0213	0.00000526	0.0000161	0.000263	0.00167
2067 Aug	26.7	0.00825	0.00388	0.000532	5.3	0.034	3.86	0.00000532	0.00299	0.000268	0.00532	0.00888	0.0000106	4.2	0.00000301	0.0000532	0.0000755	0.000277	0.00801	0.00000266	0.918	0.000532	1.41	0.000895	0.0000277	0.86	0.000668	0.00186	0.0000878	0.000056	0.0000272	0.0213	0.00000532	0.0000163	0.000266	0.00168
2067 Sep	26	0.00799	0.00376	0.000527	5.16	0.0331	3.76	0.00000527	0.00307	0.000262	0.00527	0.00861	0.0000105	4.1	0.00000296	0.0000527	0.0000732	0.000274	0.0083	0.00000263	0.894	0.000527	1.37	0.000915	0.0000278	0.837	0.00064	0.00179	0.0000827	0.0000553	0.0000271	0.0208	0.00000527	0.0000163	0.000263	0.00166
2067 Oct	25.7	0.00783	0.00371	0.000523	5.1	0.0328	3.71	0.00000523	0.00317	0.00026	0.00523	0.00845	0.0000105	4.05	0.00000305	0.0000523	0.0000732	0.000276	0.00838	0.00000262	0.881	0.000523	1.35	0.000916	0.0000275	0.824	0.000627	0.00173	0.000103	0.0000559	0.0000271	0.0206	0.00000523	0.0000161	0.000262	0.00168
2067 Nov	25.6	0.00773	0.00372	0.000522	5.11	0.0328	3.71	0.00000522	0.00322	0.00026	0.00522	0.00843	0.0000104	4.05	0.00000312	0.0000522	0.0000738	0.000278	0.00838	0.00000261	0.88	0.000522	1.35	0.000916	0.0000274	0.822	0.000627	0.00172	0.000115	0.0000564	0.000027	0.0206	0.00000522	0.0000161	0.000261	0.00169
2067 Dec	25.6	0.00773	0.00372	0.000522	5.11	0.0328	3.71	0.00000522	0.00322	0.00026	0.00522	0.00843	0.0000104	4.05	0.00000312	0.0000522	0.0000738	0.000278	0.00838	0.00000261	0.88	0.000522	1.35	0.000916	0.0000274	0.822	0.000627	0.00172	0.000115	0.0000564	0.000027	0.0206	0.00000522	0.0000161	0.000261	0.00169
2068 Jan	25.6	0.00773	0.00372	0.000522	5.11	0.0328	3.71	0.00000522	0.00322	0.00026	0.00522	0.00843	0.0000104	4.05	0.00000312	0.0000522	0.0000738	0.000278	0.00838	0.00000261	0.88	0.000522	1.35	0.000916	0.0000274	0.822	0.000627	0.00172	0.000115	0.0000564	0.000027	0.0206	0.00000522	0.0000161	0.000261	0.00169
2068 Feb	25.6	0.00773	0.00372	0.000523	5.11	0.0328	3.71	0.00000523	0.00322	0.00026	0.00523	0.00843	0.0000105	4.05	0.00000312	0.0000523	0.0000738	0.000278	0.00838	0.00000261	0.88	0.000523	1.35	0.000916	0.0000274	0.822	0.000627	0.00172	0.000115	0.0000564	0.000027	0.0206	0.00000523	0.0000161	0.000261	0.00169
2068 Mar	25.6	0.00773	0.00372	0.000523	5.11	0.0328	3.71	0.00000523	0.00322	0.00026	0.00523	0.00843	0.0000105	4.05	0.00000312	0.0000523	0.0000738	0.000278	0.00838	0.00000261	0.881	0.000523	1.35	0.000916	0.0000275	0.822	0.000627	0.00172	0.000115	0.0000564	0.000027	0.0206	0.00000523	0.0000161	0.000261	0.00169
2068 Apr	25.7	0.00774	0.00372	0.000524	5.1	0.0329	3.72	0.00000524	0.00322	0.00026	0.00524	0.00844	0.0000105	4.05	0.00000313	0.0000524	0.0000738	0.000278	0.00838	0.00000262	0.882	0.000524	1.35	0.000917	0.0000275	0.824	0.000629	0.00179	0.000115	0.0000565	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2068 May	25.9	0.0078	0.00374	0.000528	5.12	0.0332	3.75	0.00000528	0.00323	0.000262	0.00528	0.0085	0.0000106	4.08	0.00000315	0.0000528	0.0000742	0.00028	0.00841	0.00000264	0.888	0.000528	1.36	0.000921	0.0000277	0.83	0.000635	0.0019	0.000115	0.0000569	0.0000273	0.0207	0.00000528	0.0000163	0.000264	0.00171
2068 Jun	26.1	0.00819	0.00376	0.000518	5.12	0.0332	3.78	0.00000518	0.00288	0.00026	0.00518	0.00864	0.0000104	4.09	0.00000298	0.0000518	0.0000725	0.000272	0.00757	0.00000259	0.896	0.000518	1.37	0.00082	0.0000269	0.84	0.000648	0.00184	0.0000934	0.0000549	0.0000266	0.0207	0.00000518	0.0000159	0.000259	0.00165
2068 Jul	26.6	0.00836	0.00386	0.000526	5.25	0.0338	3.85	0.00000526	0.00289	0.000265	0.00526	0.00883	0.0000105	4.17	0.00000299	0.0000526	0.0000744	0.000275	0.00766	0.00000263	0.914	0.000526	1.4	0.000842	0.0000272	0.857	0.000664	0.00187	0.0000902	0.0000555	0.0000269	0.0211	0.00000526	0.0000161	0.000263	0.00167
2068 Aug	26.6	0.00824	0.00385	0.000532	5.26	0.0339	3.85	0.00000532	0.003	0.000267	0.00532	0.00885	0.0000106	4.18	0.00000301	0.0000532	0.0000752	0.000277	0.008	0.00000266	0.916	0.000532	1.4	0.000895	0.0000277	0.858	0.000667	0.00186	0.0000888	0.0000561	0.0000272	0.0212	0.00000532	0.0000163	0.000266	0.00168
2068 Sep	25.9	0.00799	0.00373	0.000527	5.13	0.0331	3.75	0.00000527	0.00307	0.000262	0.00527	0.00858	0.0000105	4.08	0.00000296	0.0000527	0.0000729	0.000274	0.00829	0.00000263	0.891	0.000527	1.36	0.000915	0.0000277	0.835	0.000639	0.00179	0.0000836	0.0000553	0.0000271	0.0207	0.00000527	0.0000163	0.000263	0.00166
2068 Oct	25.6	0.00784	0.00369	0.000523	5.07	0.0327	3.71	0.00000523	0.00317	0.000259	0.00523	0.00842	0.0000105	4.04	0.00000305	0.0000523	0.0000729	0.000276	0.00838	0.00000261	0.878	0.000523	1.34	0.000916	0.0000274	0.822	0.000625	0.00173	0.000103	0.0000558	0.0000271	0.0205	0.00000523	0.0000161	0.000261	0.00168
2068 Nov	25.6	0.00774	0.0037	0.000522	5.08	0.0328	3.71	0.00000522	0.00322	0.000259	0.00522	0.0084	0.0000104	4.03	0.00000312	0.0000522	0.0000734	0.000278	0.00837	0.00000261	0.877	0.000522	1.34	0.000916	0.0000274	0.82	0.000625	0.00172	0.000115	0.0000563	0.0000271	0.0205	0.00000522	0.0000161	0.000261	0.00169
2068 Dec	25.6	0.00774	0.0037	0.000522	5.08	0.0327	3.7	0.00000522	0.00322	0.000259	0.00522	0.0084	0.0000104	4.03	0.00000312	0.0000522	0.0000734	0.000278	0.00837	0.00000261	0.877	0.000522	1.34	0.000916	0.0000274	0.82	0.000625	0.00172	0.000115	0.0000563	0.0000271	0.0205	0.00000522	0.0000161	0.000261	0.00169
2069 Jan	25.6	0.00774	0.0037	0.000522	5.08	0.0327	3.7	0.00000522	0.00322	0.000259	0.00522	0.0084	0.0000104	4.03	0.00000312	0.0000522	0.0000734	0.000278	0.00837	0.00000261	0.877	0.000522	1.34	0.000916	0.0000274	0.82	0.000625	0.00172	0.000115	0.0000563	0.0000271	0.0205	0.00000522	0.0000161	0.000261	0.00169
2069 Feb	25.6	0.00774	0.0037	0.000522	5.08	0.0327	3.7	0.00000522	0.00322	0.000259	0.00522	0.0084	0.0000104	4.03	0.00000312	0.0000522	0.0000734	0.000278	0.00837	0.00000261	0.877	0.000522	1.34	0.000916	0.0000274	0.82	0.000625	0.00172	0.000115	0.0000563	0.0000271	0.0205	0.00000522	0.0000161	0.000261	0.00169
2069 Mar	25.6	0.00774	0.0037	0.000522	5.08	0.0328	3.71	0.00000522	0.00322	0.000259	0.00522	0.0084	0.0000104	4.03	0.00000312	0.0000522	0.0000734	0.000278	0.00837	0.00000261	0.878	0.000522	1.34	0.000916	0.0000274	0.82	0.000625	0.00172	0.000115	0.0000563	0.0000271	0.0205	0.00000522	0.0000161	0.000261	0.00169
2069 Apr	25.6	0.00775	0.0037	0.000523	5.07	0.0328	3.71	0.00000523	0.00322	0.00026	0.00523	0.00841	0.0000105	4.04	0.00000312	0.0000523	0.0000735	0.000278	0.00838	0.00000262	0.879	0.000523	1.34	0.000917	0.0000274	0.822	0.000627	0.00179	0.000115	0.0000564	0.0000271	0.0205	0.00000523	0.0000161	0.000262	0.00169
2069 May	25.8	0.00781	0.00372	0.000528	5.09	0.0331	3.75	0.00000528	0.00323	0.000261	0.00528	0.00847	0.0000106	4.06	0.00000314	0.0000528	0.0000738	0.00028	0.00841	0.00000264	0.886	0.000528	1.35	0.000921	0.0000277	0.828	0.000633	0.0019	0.000115	0.0000569	0.0000273	0.0206	0.00000528	0.0000163	0.000264	0.00171
2069 Jun	26	0.00821	0.00376	0.000518	5.12	0.0332	3.78	0.00000518	0.00288	0.00026	0.00518	0.00863	0.0000104	4.09	0.00000297	0.0000518	0.0000725	0.000271	0.00757	0.00000259	0.895	0.000518	1.37	0.00082	0.0000269	0.84	0.000647	0.00185	0.0000932	0.0000549	0.0000266	0.0207	0.00000518	0.0000158	0.000259	0.00165
2069 Jul	26.6	0.00839	0.00386	0.000526	5.25	0.0338	3.85	0.00000526	0.00288	0.000265	0.00526	0.00884	0.0000105	4.17	0.00000299	0.0000526	0.0000744	0.000275	0.00766	0.00000263	0.915	0.000526	1.4	0.00084	0.0000272	0.857	0.000663	0.00188	0.0000902	0.0000555	0.000027	0.0211	0.00000526	0.0000161	0.000263	0.00167
2069 Aug	26.6	0.00825	0.00386	0.000532	5.26	0.0339	3.85	0.00000532	0.003	0.000267	0.00532	0.00884	0.0000106	4.18	0.00000301	0.0000532	0.0000752	0.000277	0.00801	0.00000266	0.915	0.000532	1.4	0.000896	0.0000277	0.858	0.000666	0.00187	0.0000887	0.0000561	0.0000272	0.0212	0.00000532	0.0000163	0.000266	0.00168
2069 Sep	26	0.00803	0.00375	0.000528	5.15	0.0332	3.76	0.00000528	0.00307	0.000262	0.00528	0.00861	0.0000106	4.1	0.00000297	0.0000528	0.0000732	0.000275	0.00829	0.00000264	0.894	0.000528	1.37	0.000915	0.0000278	0.838	0.000642	0.0018	0.000084	0.0000555	0.0000272	0.0207	0.00000528	0.0000163	0.000264	0.00166
2069 Oct	25.7	0.00789	0.00372	0.000525	5.11	0.0329	3.73	0.00000525	0.00316	0.00026	0.00525	0.00849	0.0000105	4.06	0.00000305	0.0000525	0.0000733	0.000276	0.00836	0.00000262	0.884	0.000525	1.35	0.000916	0.0000275	0.828	0.000631	0.00176	0.000101	0.000056	0.0000272	0.0206	0.00000525	0.0000162	0.000262	0.00168
2069 Nov	25.7	0.0078	0.00372	0.000524	5.11	0.0329	3.73	0.00000524	0.0032	0.00026	0.00524	0.00846	0.0000105	4.06	0.00000311	0.0000524	0.0000738	0.000278	0.00835	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.826	0.000631	0.00174	0.000112	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2069 Dec	25.7	0.0078	0.00372	0.000524	5.11	0.0329	3.73	0.00000524	0.0032	0.00026	0.00524	0.00846	0.0000105	4.06	0.00000311	0.0000524	0.0000737	0.000278	0.00835	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.826	0.000631	0.00174	0.000112	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2070 Jan	25.7	0.0078	0.00372	0.000524	5.11	0.0329	3.73	0.00000524	0.0032	0.00026	0.00524	0.00846	0.0000105	4.06	0.00000311	0.0000524	0.0000737	0.000278	0.00835	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.826	0.000631	0.00174	0.000112	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2070 Feb	25.7	0.00781	0.00372	0.000524	5.11	0.0329	3.73	0.00000524	0.0032	0.00026	0.00524	0.00846	0.0000105	4.06	0.00000311	0.0000524	0.0000737	0.000278	0.00835	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.826	0.000631	0.00174	0.000112	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2070 Mar	25.7	0.00781	0.00372	0.000524	5.11	0.0329	3.73	0.00000524	0.0032	0.00026	0.00524	0.00846	0.0000105	4.06	0.00000311	0.0000524	0.0000738	0.000278	0.00835	0.00000262	0.883	0.000524	1.35	0.000917	0.0000275	0.826	0.000631	0.00174	0.000112	0.0000564	0.0000271	0.0206	0.00000524	0.0000162	0.000262	0.00169
2070 Apr	25.8	0.00782	0.00372	0.000525	5.1	0.033	3.74	0.00000525	0.0032	0.000261	0.00525	0.00847	0.0000105	4.06	0.00000311	0.0000525	0.0000738	0.000279	0.00836	0.00000263	0.885	0.000525	1.35	0.000917	0.0000275	0.827	0.000632	0.00182	0.000112	0.0000565	0.0000272	0.0206	0.00000525	0.0000162	0.000263	0.00169
2070 May	25.9	0.00788	0.00374	0.00053	5.12	0.0333	3.77	0.0000053	0.00322	0.000263	0.0053	0.00853	0.0000106	4.09	0.00000313	0.000053	0.0000742	0.000281	0.00839	0.00000265	0.891	0.00053	1.36	0.000922	0.0000277	0.834	0.000639	0.00192	0.000112	0.0000569	0.0000274	0.0207	0.0000053	0.0000163	0.000265	0.00171
2070 Jun	26.2	0.00825	0.00377	0.000519	5.14	0.0333	3.8	0.00000519	0.00286	0.000261	0.00519	0.00868	0.0000104	4.1	0.00000297	0.0000519	0.0000727	0.000272	0.00756	0.0000026	0.9	0.000519	1.38	0.000821	0.0000269	0.844	0.000651	0.00186	0.000091	0.000055	0.0000267	0.0208	0.00000519	0.0000159	0.00026	0.00165
2070 Jul	26.7	0.00844	0.00388	0.000527	5.27	0.0339	3.87	0.00000527	0.00286	0.000266	0.00527	0.00888	0.0000105	4.19	0.00000299	0.0000527	0.0000746	0.000275	0.00764	0.00000263	0.919	0.000527	1.41	0.000838	0.0000273	0.861	0.000667	0.0019	0.0000879	0.0000556	0.000027	0.0212	0.00000527	0.0000161	0.000263	0.00167
2070 Aug	26.7	0.00828	0.00387	0.000533	5.28	0.034	3.86	0.00000533	0.00298	0.000267	0.00533	0.00887	0.0000107	4.19	0.000003	0.0000533	0.0000753	0.000277	0.008	0.00000266	0.918	0.000533	1.41	0.000896	0.0000277	0.86	0.000669	0.00188	0.0000861	0.000056	0.0000273	0.0212	0.00000533	0.0000163	0.000266	0.00168
2070 Sep	26	0.00802	0.00374	0.000527	5.14	0.0331	3.76	0.00000527	0.00306	0.000262	0.00527	0.00861	0.0000105	4.09	0.00000295	0.0000527	0.000073	0.000274	0.0083	0.00000264	0.893	0.000527	1.37	0.000915	0.0000278	0.837	0.000641	0.00181	0.0000811	0.0000553	0.0000272	0.0207	0.00000527	0.0000163	0.000264	0.00166
2070 Oct	25.6	0.00786	0.0037	0.000524	5.09	0.0328	3.72	0.00000524	0.00316	0.00026	0.00524	0.00845	0.0000105	4.05	0.00000304	0.0000524	0.000073	0.000276	0.00838	0.00000262	0.881	0.000524	1.35	0.000917	0.0000275	0.824	0.000627	0.00175	0.000101	0.0000558	0.0000271	0.0205	0.00000524	0.0000162	0.000262	0.00167
2070 Nov	25.6	0.00776	0.00371	0.000523	5.09	0.0328	3.71	0.00000523	0.00321	0.00026	0.00523	0.00843	0.0000105	4.04	0.00000311	0.0000523	0.0000735	0.000278	0.00838	0.00000262	0.88	0.000523	1.35	0.000917	0.0000274	0.823	0.000627	0.00173	0.000113	0.0000563	0.0000271	0.0205	0.00000523	0.0000161	0.000262	0.00169
2070 Dec	25.6	0.00776	0.00371	0.000523	5.09	0.0328	3.71	0.00000523	0.00321	0.00026	0.00523	0.00842	0.0000105	4.04	0.00000311	0.0000523	0.0000735	0.000278	0.00837	0.00000262	0.88	0.000523	1.35	0.000917	0.0000274	0.823	0.000627	0.00173	0.000113	0.0000563	0.0000271	0.0205	0.00000523	0.0000161	0.000262	0.00169

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	32.1	0.0707	0.198	0.00861	6.84	0.0262	6.64	0.0000035	0.0027	0.00091	0.00421	0.00955	0.0000181	5.99	0.00000224	0.0000988	0.000112	0.000277	0.0173	0.00000192	1.04	0.000922	1.49	0.0261	0.000458	0.873	0.00218	0.002	0.0000354	0.000281	0.0000491	0.0358	0.00000392	0.000121	0.000482	0.00115
Operation (2023 to 2025): Average	41.5	0.112	0.293	0.0123	9.04	0.0322	9.3	0.00000435	0.00459	0.00253	0.00582	0.0121	0.0000247	7.81	0.00000291	0.00016	0.000163	0.000388	0.0287	0.00000255	1.43	0.00129	1.97	0.0371	0.000968	1.21	0.00393	0.0028	0.0000549	0.000506	0.0000751	0.0502	0.00000619	0.000172	0.000635	0.00145
Operation (2023 to 2025): Max	45.3	0.13	0.35	0.014	10.2	0.0349	10.5	0.00000459	0.00577	0.00345	0.0071	0.0131	0.0000274	8.37	0.00000314	0.000212	0.000208	0.000433	0.036	0.00000296	1.67	0.00149	2.16	0.0402	0.00125	1.54	0.00483	0.00333	0.0000716	0.000702	0.0000864	0.0601	0.00000892	0.000193	0.000702	0.00156
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Active Closure (2026 to Sept. 2042): Min	20.4	0.0116	0.0491	0.00112	4.28	0.019	2.86	0.00000261	0.00183	0.000249	0.00263	0.0063	0.00000558	3.38	0.00000149	0.0000316	0.0000459	0.000172	0.00713	0.00000132	0.668	0.000509	0.946	0.00536	0.000123	0.571	0.000522	0.00113	0.0000265	0.0000482	0.0000254	0.0201	0.00000262	0.0000264	0.000141	0.000826
Active Closure (2026 to Sept. 2042): Average	24	0.0244	0.0682	0.00236	4.99	0.0207	3.57	0.00000286	0.00233	0.00056	0.00297	0.00678	0.00000789	3.73	0.00000168	0.0000423	0.0000568	0.000195	0.0103	0.00000153	0.731	0.00055	1.05	0.00837	0.000236	0.609	0.000967	0.00136	0.0000394	0.0000776	0.0000301	0.0218	0.00000289	0.0000425	0.000206	0.000909
Active Closure (2026 to Sept. 2042): Max	42.5	0.132	0.293	0.0131	9.05	0.0351	10.4	0.0000046	0.00582	0.00324	0.00539	0.0128	0.0000255	8.29	0.00000309	0.000133	0.00015	0.000436	0.0363	0.00000298	1.36	0.00129	2.11	0.0394	0.00127	1.09	0.00465	0.00334	0.0000715	0.000359	0.000087	0.0482	0.00000485	0.000195	0.000707	0.00155
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Post Closure (Oct. 2042 to 2070): Min	23.9	0.0113	0.0491	0.00107	4.93	0.019	2.85	0.00000265	0.00207	0.000243	0.00266	0.00631	0.00000565	3.39	0.00000152	0.0000319	0.000046	0.000173	0.00778	0.00000134	0.696	0.000513	0.946	0.0054	0.000122	0.571	0.000509	0.00112	0.0000219	0.0000479	0.0000257	0.0205	0.00000265	0.0000265	0.000142	0.00083
Post Closure (Oct. 2042 to 2070): Average	32.8	0.0477	0.0667	0.00139	7.02	0.024	5.22	0.00000328	0.0061	0.00303	0.00323	0.00796	0.00123	5.16	0.00000255	0.0000568	0.0000897	0.000309	0.0156	0.00000278	1	0.00129	1.2	0.021	0.000301	0.674	0.00163	0.00175	0.0000555	0.000114	0.0000668	0.0315	0.00000338	0.000149	0.000233	0.00112
Post Closure (Oct. 2042 to 2070): Max	44.2	0.0539	0.126	0.00244	9.23	0.0264	6.05	0.0000035	0.00715	0.00504	0.00343	0.0102	0.00153	6.25	0.00000285	0.0000644	0.0000989	0.000348	0.0175	0.00000315	1.19	0.00145	1.5	0.0235	0.000396	0.877	0.0021	0.00204	0.0000827	0.000138	0.000075	0.0403	0.00000365	0.000179	0.000265	0.00124
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	39.8	0.0891	0.249	0.0114	9.07	0.0289	7.07	0.00000415	0.00333	0.00091	0.00605	0.0112	0.0000259	7.01	0.00000291	0.000209	0.00016	0.000336	0.0201	0.00000209	1.49	0.00128	1.66	0.0362	0.000458	1.28	0.0024	0.00223	0.0000514	0.000576	0.0000612	0.0512	0.00000892	0.000133	0.000492	0.00139
2023 Feb	39.9	0.0894	0.251	0.0114	9.08	0.0289	7.1	0.00000415	0.00334	0.000921	0.00608	0.0112	0.000026	7.03	0.00000292	0.000209	0.000161	0.000337	0.0201	0.00000209	1.49	0.00128	1.66	0.0363	0.000462	1.28	0.00242	0.00223	0.0000521	0.000582	0.0000612	0.0514	0.00000892	0.000133	0.000496	0.00139
2023 Mar	39.9	0.0896	0.254	0.0115	9.09	0.0289	7.12	0.00000415	0.00336	0.000934	0.00611	0.0112	0.000026	7.04	0.00000292	0.00021	0.000163	0.000337	0.0202	0.00000209	1.5	0.00129	1.67	0.0364	0.000466	1.29	0.00243	0.00222	0.000053	0.000589	0.0000612	0.0515	0.00000891	0.000134	0.0005	0.00139
2023 Apr	39.9	0.0898	0.256	0.0115	9.09	0.0289	7.15	0.00000415	0.00338	0.000947	0.00615	0.0112	0.000026	7.04	0.00000293	0.00021	0.000164	0.000337	0.0202	0.00000209	1.5	0.00129	1.67	0.0365	0.00047	1.3	0.00245	0.00223	0.0000538	0.000596	0.0000611	0.0517	0.00000889	0.000135	0.000505	0.00139
2023 May	40.1	0.0903	0.259	0.0116	9.13	0.029	7.21	0.00000418	0.0034	0.000963	0.00621	0.0113	0.0000262	7.08	0.00000294	0.000212	0.000166	0.000338	0.0203	0.0000021	1.51	0.0013	1.67	0.0368	0.000476	1.31	0.00247	0.00225	0.0000547	0.000604	0.0000614	0.052	0.00000892	0.000136	0.000511	0.0014
2023 Jun	34.2	0.0707	0.229	0.00861	7.74	0.0267	6.64	0.00000372	0.0027	0.000959	0.00559	0.01	0.0000209	6.11	0.00000243	0.000159	0.000153	0.000277	0.0173	0.00000192	1.29	0.00108	1.49	0.0284	0.000492	1.2	0.00218	0.002	0.0000374	0.000523	0.0000491	0.0446	0.00000648	0.000121	0.000488	0.00119
2023 Jul	43.4	0.0965	0.319	0.0113	9.85	0.0328	8.95	0.00000442	0.0036	0.00156	0.00689	0.0127	0.0000263	7.92	0.00000289	0.000192	0.0002	0.000351	0.0246	0.0000024	1.62	0.00141	1.91	0.0377	0.000775	1.51	0.00311	0.00258	0.0000381	0.000678	0.0000644	0.0579	0.00000732	0.000172	0.000658	0.00142
2023 Aug	45.3	0.105	0.34	0.0123	10.2	0.0338	9.49	0.00000459	0.00408	0.00185	0.0071	0.0131	0.0000274	8.32	0.000003	0.000198	0.000208	0.000377	0.027	0.00000253	1.67	0.00149	2.01	0.0401	0.000857	1.54	0.00347	0.00272	0.0000391	0.000702	0.0000694	0.0601	0.00000753	0.000184	0.000691	0.00149
2023 Sep	43.9	0.109	0.335	0.0125	9.79	0.0327	9.45	0.00000453	0.00443	0.00214	0.00677	0.0126	0.0000262	8.14	0.00000294	0.000187	0.000195	0.000384	0.0276	0.00000254	1.59	0.00144	1.99	0.0392	0.000896	1.43	0.00371	0.00267	0.0000374	0.000662	0.0000712	0.0571	0.00000717	0.000182	0.000672	0.00148
2023 Oct	43.9	0.114	0.339	0.0131	9.66	0.0327	9.7	0.00000455	0.00468	0.00244	0.00661	0.0125	0.0000258	8.19	0.000003	0.000182	0.000189	0.000396	0.0281	0.00000259	1.57	0.00142	2.03	0.0393	0.000951	1.38	0.004	0.00269	0.0000489	0.000647	0.0000746	0.0557	0.00000698	0.000184	0.000673	0.00151
2023 Nov	44.4	0.12	0.348	0.0138	9.7	0.0332	10	0.00000459	0.00492	0.00271	0.00655	0.0126	0.0000259	8.34	0.00000313	0.000181	0.000188	0.000411	0.0288	0.00000264	1.57	0.00142	2.09	0.04	0.00101	1.37	0.0043	0.00275	0.0000671	0.000645	0.0000782	0.0555	0.0000069	0.000189	0.000683	0.00156
2023 Dec	44.4	0.122	0.35	0.014	9.69	0.0332	10.1	0.00000458	0.00496	0.0028	0.0065	0.0126	0.0000259	8.37	0.00000314	0.00018	0.000187	0.000413	0.0289	0.00000264	1.57	0.00141	2.11	0.0402	0.00103	1.36	0.00439	0.00276	0.0000706	0.000644	0.0000792	0.0553	0.00000684	0.00019	0.000685	0.00156
2024 Jan	44.2	0.122	0.349	0.014	9.62	0.0329	10.1	0.00000454	0.00494	0.00282	0.00643	0.0125	0.0000257	8.33	0.00000312	0.000179	0.000185	0.000412	0.0288	0.00000263	1.56	0.0014	2.1	0.04	0.00103	1.34	0.0044	0.00274	0.0000713	0.00064	0.0000791	0.0549	0.00000677	0.000189	0.000682	0.00155
2024 Feb	43.8	0.122	0.347	0.0139	9.53	0.0326	10.1	0.0000045	0.00491	0.00282	0.00636	0.0124	0.0000254	8.27	0.0000031	0.000177	0.000183	0.000409	0.0286	0.0000026	1.54	0.00139	2.08	0.0397	0.00103	1.33	0.0044	0.00273	0.0000716	0.000634	0.0000788	0.0543	0.00000669	0.000188	0.000676	0.00154
2024 Mar	43.3	0.121	0.344	0.0138	9.42	0.0322	9.97	0.00000444	0.00487	0.00282	0.00627	0.0123	0.0000251	8.18	0.00000307	0.000175	0.000181	0.000405	0.0283	0.00000257	1.53	0.00137	2.06	0.0393	0.00102	1.31	0.00437	0.0027	0.0000714	0.000627	0.0000782	0.0536	0.00000659	0.000186	0.000669	0.00152
2024 Apr	42.9	0.12	0.342	0.0138	9.33	0.0319	9.91	0.0000044	0.00483	0.00281	0.0062	0.0122	0.0000249	8.12	0.00000304	0.000173	0.000179	0.000402	0.0281	0.00000255	1.51	0.00136	2.05	0.0391	0.00102	1.3	0.00436	0.00268	0.0000713	0.000621	0.0000778	0.0531	0.00000652	0.000185	0.000664	0.00151
2024 May	43	0.121	0.342	0.0138	9.33	0.032	9.92	0.0000044	0.00484	0.00283	0.0062	0.0122	0.0000249	8.13	0.00000304	0.000173	0.000179	0.000403	0.0282	0.00000255	1.51	0.00136	2.05	0.0391	0.00102	1.3	0.00438	0.00268	0.0000716	0.000621	0.000078	0.0531	0.00000651	0.000185	0.000665	0.00151
2024 Jun	32.1	0.0817	0.212	0.00873	6.91	0.0262	7.18	0.0000035	0.00327	0.00196	0.00452	0.00955	0.0000181	5.99	0.00000224	0.000113	0.000123	0.000296	0.0208	0.00000202	1.1	0.000947	1.56	0.0261	0.00073	0.947	0.003	0.0022	0.0000382	0.000367	0.0000561	0.0374	0.00000454	0.000124	0.000482	0.00115
2024 Jul	39.3	0.102	0.254	0.0105	8.53	0.032	8.88	0.00000414	0.00401	0.00246	0.00531	0.0118	0.0000227	7.41	0.00000263	0.000133	0.000149	0.000361	0.0278	0.00000245	1.32	0.00117	1.9	0.0332	0.000955	1.13	0.0037	0.00287	0.0000354	0.000414	0.0000701	0.0462	0.00000518	0.000157	0.000605	0.00134
2024 Aug	42	0.113	0.278	0.0115	9.11	0.0337	9.59	0.00000438	0.00452	0.00274	0.00564	0.0126	0.0000245	7.96	0.0000028	0.000143	0.00016	0.000392	0.0309	0.00000263	1.4	0.00127	2.03	0.0365	0.00106	1.19	0.00407	0.00308	0.0000368	0.000443	0.0000763	0.0496	0.00000547	0.000173	0.000654	0.00143
2024 Sep	41.9	0.117	0.284	0.012	9.01	0.0334	9.72	0.00000441	0.00488	0.00292	0.00561	0.0124	0.0000246	7.99	0.00000281	0.000142	0.000157	0.000402	0.0321	0.00000268	1.38	0.00128	2.04	0.0371	0.0011	1.16	0.00425	0.00307	0.0000361	0.000437	0.0000786	0.0491	0.00000543	0.000177	0.000661	0.00145
2024 Oct	42.3	0.122	0.294	0.0127	9.04	0.0336	10	0.00000446	0.00514	0.00315	0.00562	0.0125	0.0000248	8.12	0.00000291	0.000142	0.000156	0.000415	0.0328	0.00000273	1.38	0.00129	2.08	0.0379	0.00115	1.15	0.00449	0.00309	0.0000475	0.000439	0.0000819	0.0491	0.00000541	0.000181	0.000673	0.00149
2024 Nov	43.1	0.128	0.306	0.0134	9.18	0.0342	10.4	0.00000452	0.00537	0.00338	0.00565	0.0127	0.0000251	8.33	0.00000305	0.000144	0.000158	0.00043	0.0336	0.00000279	1.4	0.00131	2.15	0.039	0.0012	1.15	0.00475	0.00314	0.0000658	0.000448	0.0000854	0.0497	0.00000543	0.000187	0.00069	0.00155
2024 Dec	43.2	0.13	0.31	0.0136	9.19	0.0342	10.5	0.00000452	0.00541	0.00344	0.00563	0.0127	0.0000252	8.37	0.00000307	0.000144	0.000158	0.000433	0.0337	0.0000028	1.41	0.00131	2.16	0.0393	0.00122	1.15	0.00483	0.00315	0.0000695	0.00045	0.0000864	0.0497	0.0000054	0.000189	0.000693	0.00155
2025 Jan	43	0.13	0.31	0.0136	9.14	0.034	10.5	0.00000448	0.00539	0.00345	0.00558	0.0126	0.0000251	8.33	0.00000306	0.000144	0.000157	0.000431	0.0336	0.00000278	1.4	0.0013	2.16	0.0392	0.00122	1.14	0.00483	0.00313	0.0000703	0.000449	0.0000862	0.0494	0.00000535	0.000188	0.00069	0.00154
2025 Feb	42.7	0.13	0.308	0.0135	9.06	0.0337	10.4	0.00000444	0.00536	0.00345	0.00552	0.0125	0.0000249	8.28	0.00000303	0.000142	0.000156	0.000428	0.0333	0.00000276	1.39	0.00129	2.14	0.039	0.00122	1.13	0.00482	0.00311	0.0000706	0.000446	0.0000858	0.049	0.00000529	0.000187	0.000686	0.00153
2025 Mar	42.3	0.129	0.306	0.0134	8.97	0.0333	10.3	0.00000439	0.00531	0.00343	0.00545	0.0124	0.0000246	8.2	0.000003	0.000141	0.000154	0.000424	0.033	0.00000273	1.37	0.00127	2.12	0.0386	0.00121	1.12	0.00479	0.00308	0.0000706	0.000441	0.0000852	0.0485	0.00000523	0.000186	0.000679	0.00151
2025 Apr	41.9	0.128	0.304	0.0134	8.89	0.033	10.3	0.00000434	0.00527	0.00342	0.0054	0.0123	0.0000244	8.13	0.00000298	0.00014	0.000153	0.000421	0.0327	0.0000027	1.36	0.00126	2.11	0.0384	0.0012	1.11	0.00477	0.00305	0.0000705	0.000438	0.0000847	0.048	0.00000517	0.000185	0.000674	0.0015
2025 May	42	0.128	0.305	0.0134	8.9	0.0331	10.3	0.00000435	0.00528	0.00343	0.0054	0.0123	0.0000244	8.15	0.00000298	0.00014	0.000153	0.000422	0.0328	0.00000271	1.36	0.00127	2.11	0.0384	0.00121	1.11	0.00478	0.00306	0.0000709	0.000439	0.0000849	0.0481	0.00000517	0.000185	0.000676	0.0015
2025 Jun	32.2	0.0872	0.198	0.0087	6.84	0.0273	7.52	0.00000356	0.0036	0.00228	0.00421	0.00983	0.0000184	6.13	0.00000225	0.0000988	0.000112	0.000311	0.0238	0.00000215	1.04	0.000922	1.62	0.0265	0.000844	0.873	0.00325	0.00245	0.0000385	0.000281	0.0000612	0.0358	0.00000392	0.000129	0.000504	0.00116
2025 Jul	39.5	0.108	0.243	0.0105	8.49	0.0332	9.24	0.00000427	0.00447	0.00274	0.00505	0.0122	0.0000232	7.56	0.00000267	0.000121	0.000139	0.000378	0.031	0.00000264	1.28	0.00116	1.95	0.0339	0.00107	1.06	0.00393	0.00312	0.0000362	0.000334	0.0000763	0.0449	0.0000046	0.000166	0.000636	0.00137
2025 Aug	42	0.117	0.266	0.0114	9.02	0.0349	9.88	0.00000454	0.00502	0.00297	0.00536	0.0129	0.0000248	8.07	0.00000284	0.00013	0.000149	0.000407	0.034	0.00000284	1.36	0.00125	2.06	0.037	0.00116	1.12	0.00426	0.00333	0.0000376	0.00036	0.0000824	0.048	0.00000488	0.000182	0.000684	0.00145
2025 Sep	41.4	0.12	0.271	0.0117	8.89	0.0343	9.83	0.00000455	0.00534	0.00303	0.00534	0.0126	0.0000247	8.01	0.00000284	0.00013	0.000147	0.000411	0.0347	0.00000287	1.34	0.00126	2.03	0.0374	0.00117	1.09	0.0043	0.00328	0.0000368	0.000356	0.0000831	0.0474	0.00000487	0.000184	0.000684	0.00146
2025 Oct	41.5	0.124	0.278	0.0122	8.86	0.0343	9.95	0.00000457	0.00555	0.0031	0.00534	0.0126	0.0000248	8.05	0.00000292	0.00013	0.000147	0.000419	0.0352	0.00000291	1.34	0.00126	2.04	0.0378	0.0012	1.08	0.0044	0.00327	0.0000484	0.000353	0.0000841	0.0472	0.00000485	0.000187	0.000687	0.00149
2025 Nov	42.1	0.129	0.287	0.0128	8.97	0.0348	10.2	0.00000459	0.00574	0.00319	0.00537	0.0127	0.0000252	8.2	0.00000305	0.000132	0.000149	0.000431	0.0358	0.00000296	1.35	0.00127	2.09	0.0388	0.00124	1.09	0.00456	0.00331	0.0000666	0.000356	0.0000859	0.0478	0.00000485	0.000192	0.0007	0.00153
2025 Dec	42.2	0.13	0.29	0.013	8.98	0.0348	10.3	0.00000457	0.00577	0.00321	0.00535	0.0127	0.0000253	8.22	0.00000307	0.000132	0.000149	0.000432	0.036	0.00000296	1.35	0.00128	2.1	0.0391	0.00125	1.08	0.0046	0.00331	0.0000702	0.000356	0.0000863	0.0479	0.00000483	0.000193	0.000702	0.00154
2026 Jan	42.1	0.13	0.29	0.013	8.96	0.0347	10.3	0.00000455	0.00576	0.00321	0.00534	0.0127	0.0000252	8.21	0.00000306	0.000132	0.000149	0.000431	0.0359	0.00000295	1.35	0.00127	2.09	0.0391	0.00125	1.08	0.0046	0.00331	0.0000707	0.000355	0.0000862	0.0478	0.0000048	0.000193	0.000701	0.00153
2026 Feb	42.1	0.13	0.29	0.013	8.96	0.0347	10.3	0.00000455	0.00576	0.00321	0.00533	0.0127	0.0000252	8.21	0.00000306	0.000132	0.000149	0.000431	0.0359	0.00000295	1.35	0.00127	2.09	0.0391	0.00125	1.08	0.0046	0.00331	0.0000707	0.000355	0.0000862	0.0478	0.0000048	0.000193	0.000701	0.00153
2026 Mar	42.1	0.13	0.29	0.013	8.96	0.0347	10.3	0.00000455	0.00576	0.00321	0.00534	0.0127	0.0000252	8.21	0.00000306	0.000132	0.000149	0.000432	0.0359	0.00000295	1.35	0.00127	2.09	0.0391	0.00125	1.08	0.0046	0.00331	0.0000707	0.000355	0.0000862	0.0478	0.0000048	0.000193	0.000701	0.00153
2026 Apr	42.2	0.131	0.291	0.013	8.98	0.0348	10.3	0.00000456	0.00578	0.00321	0.00535	0.0127	0.0000253	8.22	0.00000307	0.000132	0.000149	0.000432	0.036	0.00000296	1.35	0.00128	2.1	0.0391	0.00126	1.08	0.00461	0.00332	0.0000709	0.000356	0.0000863	0.0479	0.00000481	0.000193	0.000702	0.00154
2026 May	42.5	0.132	0.293	0.0131	9.05	0.0351	10.4	0.0000046	0.00582	0.00324	0.00539	0.0128	0.0000255	8.29	0.00000309	0.000133	0.00015	0.000436	0.0363	0.00000298	1.36	0.00129	2.11	0.0394	0.00127	1.09	0.00465	0.00334	0.0000715	0.000359	0.000087	0.0482	0.00000485	0.000195	0.000707	0.00155
2026 Jun	27.9	0.0731	0.158	0.00719	5.88	0.0252	6.31	0.00000334	0.00338	0.00177	0.00375	0.00863	0.0000154	5.24	0.00000211	0.0000793	0.0000932	0.000278	0.0201	0.00000204	0.904	0.000772	1.41	0.0211	0.000686	0.75	0.00263	0.00214	0.0000445	0.000196	0.0000508	0.0298	0.00000345	0.000107	0.000421	0.0011
2026 Jul	23.7	0.0519	0.11	0.00503	4.97	0.0228	4.97	0.00000303	0.00255	0.00125	0.00332	0.00746	0.000012	4.29	0.00000181	0.0000617	0.0000758	0.000228	0.0146	0.00000178	0.775	0.000605	1.21	0.0146	0.000477	0.658	0.00192	0.00178	0.0000332	0.00014	0.0000386	0.024	0.00000311	0.0000753	0.000326	0.000977
2026 Aug	23.4	0.0493	0.104	0.00477	4.91	0.0228	4.83	0.00000308	0.00254	0.00118	0.00335	0.00739	0.0000118	4.22	0.00000181	0.0000603	0.0000749	0.000226	0.0142	0.00000178	0.767	0.000594	1.2	0.0138	0.000451	0.654	0.00184	0.00175	0.0000316	0.000134	0.0000375	0.0235	0.00000314	0.0000718	0.000318	0.000985
2026 Sep	21.3	0.0415	0.087	0.00401	4.47	0.0212	4.26	0.00000297	0.00245	0.000995	0.00319	0.00673	0.0000106	3.8	0.00000171	0.0000542	0.0000674	0.000209	0.0129	0.00000169	0.698	0.000539	1.09	0.0117	0.00038	0.6	0.00156	0.00156	0.0000265	0.000114	0.0000334	0.0211	0.00000302	0.0000612	0.000285	0.00094
2026 Oct	20.6	0.0389	0.0818	0.00377	4.32	0.0207	4.08	0.00000294	0.0025	0.000932	0.00315	0.00647	0.0000103	3.67	0.00000173	0.0000523	0.0000652	0.000206	0.0126	0.00000166	0.675	0.000524	1.05	0.011	0.000357	0.58	0.00147	0.00148	0.0000341	0.000108	0.0000323	0.0203	0.00000299	0.0000579	0.000275	0.000941
2026 Nov	20.4	0.0382	0.0803	0.0037	4.28	0.0205	4.03	0.00000294	0.00253	0.000914	0.00314	0.0064	0.0000102	3.63	0.00000176	0.0000518	0.0000647	0.000206	0.0125	0.00000166	0.668	0.00052	1.04	0.0109	0.00035	0.575	0.00144	0.00146	0.00004	0.000107	0.000032	0.0201	0.00000299	0.000057	0.000272	0.000947
2026 Dec	20.4	0.0381	0.0803	0.00369	4.28	0.0205	4.03	0.00000294	0.00253	0.000913	0.00314	0.0064	0.0000102	3.63	0.00000176	0.0000518	0.0000647	0.000206	0.0125	0.00000166	0.668	0.00052	1.04	0.0108	0.00035	0.575	0.00144	0.00146	0.00004	0.000107	0.0000319	0.0201	0.00000299	0.0000569	0.000272	0.000948
2027 Jan	20.4	0.0381	0.0803	0.00369	4.28	0.0205	4.03	0.00000294	0.00253	0.000913	0.00314	0.0064	0.0000102	3.63	0.00000176	0.0000518	0.0000647	0.000206	0.0125	0.00000166	0.668	0.00052	1.04	0.0108	0.00035	0.574	0.00144	0.00146	0.0000401	0.000107	0.0000319	0.0201	0.00000299	0.0000569	0.000272	0.000948
2027 Feb	20.4	0.0381	0.0803	0.00369	4.28	0.0205	4.03	0.00000294	0.00253	0.000913	0.00314	0.0064	0.0000102	3.63	0.00000176	0.0000518	0.0000647	0.000206	0.0125	0.00000166	0.668	0.00052	1.04	0.0108	0.00035	0.574	0.00144	0.00146	0.0000401	0.000107	0.0000319	0.0201	0.00000299	0.0000569	0.000272	0.000948
2027 Mar	20.4	0.0381	0.0803	0.00369	4.28	0.0205	4.03	0.00000294	0.00253	0.000913	0.00315	0.0064	0.0000102	3.63	0.00000176	0.0000518	0.0000647	0.000206	0.0125	0.00000166	0.668	0.00052	1.04	0.0108	0.00035	0.575	0.00144	0.00146	0.0000401	0.000107	0.000032	0.0201	0.00000299	0.0000569	0.000272	0.000948
2027 Apr	20.5	0.0382	0.0804	0.0037	4.29	0.0206	4.04	0.00000294	0.00253	0.000915	0.00315	0.00641	0.0000102	3.64	0.00000176	0.0000519	0.0000649	0.000206	0.0125	0.00000166	0.67	0.000521	1.04	0.0109	0.000351	0.576	0.00145	0.00146	0.0000402	0.000107	0.000032	0.0202	0.00000299	0.0000571	0.000272	0.00095
2027 May	20.7	0.0385	0.0811	0.00373	4.33	0.0208	4.07	0.00000297	0.00256	0.000922	0.00318	0.00647	0.0000103	3.67	0.00000178	0.0000523	0.0000654	0.000208	0.0126	0.00000168	0.675	0.000526	1.05	0.011	0.000354	0.581	0.00146	0.00148	0.0000408	0.000108	0.0000323	0.0204	0.00000302	0.0000575	0.000275	0.000959
2027 Jun	21.6	0.0368	0.0783	0.00351	4.5	0.0215	4.08	0.00000298	0.00238	0.000859	0.00317	0.00672	0.00001	3.74	0.0000018	0.0000509	0.000065	0.000208	0.0118	0.00000167	0.701	0.000529	1.08	0.0105	0.000336	0.604	0.0014	0.00151	0.0000442	0.000102	0.0000317	0.0209	0.00000302	0.000055	0.000266	0.000963
2027 Jul	23.2	0.0388	0.0834	0.00368	4.85	0.0227	4.32	0.00000308	0.00237	0.000897	0.00329	0.00721	0.0000104	3.99	0.00000182	0.000053	0.0000686	0.000215	0.0122	0.00000173	0.751	0.000559	1.15	0.0111	0.000354	0.645	0.00147	0.00163	0.0000382	0.000106	0.0000333	0.0224	0.00000313	0.0000579	0.000276	0.000987
2027 Aug	23.6	0.0391	0.0845	0.00372	4.94	0.0231	4.37	0.00000315	0.00246	0.000906	0.00336	0.00732	0.0000106	4.05	0.00000184	0.0000539	0.00007	0.000219	0.0126	0.00000176	0.762	0.00057	1.17	0.0112	0.000358	0.655	0.00149	0.00165	0.0000362	0.000108	0.0000338	0.0227	0.00000319	0.0000586	0.000281	0.00101
2027 Sep	22.6	0.0368	0.0804	0.00353	4.72	0.022	4.15	0.00000308	0.0025	0.000857	0.00328	0.00696	0.0000102	3.87	0.00000177	0.000052	0.0000668	0.000212	0.0124	0.00000172	0.726	0.000553	1.11	0.0107	0.000339	0.623	0.00141	0.00155	0.0000308	0.000103	0.0000327	0.0217	0.00000312	0.000056	0.00027	0.000975
2027 Oct	22.1	0.0358	0.0788	0.00344	4.62	0.0215	4.05	0.00000305	0.00257	0.000835	0.00324	0.00677	0.00001	3.79	0.00000179	0.0000512	0.0000655	0.000211	0.0124	0.0000017	0.709	0.000546	1.08	0.0105	0.000332	0.607	0.00137	0.0015	0.0000375	0.000101	0.0000323	0.0213	0.00000309	0.0000549	0.000265	0.000975
2027 Nov	21.9	0.0355	0.0783	0.00342	4.59	0.0214	4.02	0.00000304	0.0026	0.000828	0.00323	0.0067	0.00000996	3.76	0.00000182	0.0000509	0.0000652	0.000211	0.0124	0.00000169	0.704	0.000544	1.07	0.0105	0.000329	0.602	0.00135	0.00148	0.0000429	0.0001	0.0000322	0.0212	0.00000308	0.0000545	0.000264	0.00098
2027 Dec	21.9	0.0355	0.0783	0.00342	4.59	0.0214	4.02	0.00000304	0.0026	0.000828	0.00323	0.0067	0.00000995	3.76	0.00000182	0.0000509	0.0000652	0.000211	0.0124	0.00000169	0.704	0.000544	1.07	0.0105	0.000329	0.602	0.00135	0.00148	0.0000429	0.0001	0.0000322	0.0212	0.00000308	0.0000545	0.000264	0.00098
2028 Jan	21.9	0.0355	0.0783	0.00342	4.59	0.0214	4.02	0.00000304	0.0026	0.000828	0.00323	0.0067	0.00000995	3.76	0.00000182	0.0000509	0.0000652	0.000211	0.0124	0.00000169	0.704	0.000544	1.07	0.0105	0.000329	0.602	0.00135	0.00148	0.000043	0.0001	0.0000322	0.0212	0.00000308	0.0000545	0.000264	0.00098
2028 Feb	21.9	0.0355	0.0783	0.00342	4.59	0.0214	4.02	0.00000304	0.0026	0.000828	0.00323	0.0067	0.00000995	3.76	0.00000182	0.0000509	0.0000652	0.000211	0.0124	0.00000169	0.704	0.000544	1.07	0.0105	0.000329	0.602	0.00135	0.00148	0.000043	0.0001	0.0000322	0.0212	0.00000308	0.0000545	0.000264	0.00098
2028 Mar	21.9	0.0355	0.0783	0.00342	4.59	0.0214	4.02	0.00000304	0.0026	0.000828	0.00323	0.0067	0.00000996	3.76	0.00000182	0.0000509	0.0000652	0.000211	0.0124	0.00000169	0.704	0.000544	1.07	0.0105	0.000329	0.602	0.00135	0.00148	0.000043	0.0001	0.0000322	0.0212	0.00000308	0.0000545	0.000264	0.00098
2028 Apr	22	0.0355	0.0784	0.00342	4.6	0.0214	4.03	0.00000305	0.00261	0.000829	0.00324	0.00671	0.00000998	3.77	0.00000182	0.000051	0.0000653	0.000211	0.0124	0.0000017	0.705	0.000546	1.07	0.0105	0.00033	0.603	0.00135	0.00149	0.0000431	0.000101	0.0000323	0.0212	0.00000309	0.0000547	0.000264	0.000982
2028 May	22.2	0.0358	0.0791	0.00345	4.64	0.0216	4.06	0.00000308	0.00263	0.000836	0.00327	0.00677	0.0000101	3.8	0.00000184	0.0000515	0.0000659	0.000213	0.0126	0.00000171	0.712	0.00055	1.08	0.0106	0.000332	0.609	0.00137	0.0015	0.0000437	0.000101	0.0000325	0.0214	0.00000312	0.0000551	0.000267	0.000991
2028 Jun	22.6	0.0341	0.0766	0.00325	4.69	0.0216	4.01	0.00000298	0.00239	0.000786	0.00316	0.00685	0.00000958	3.79	0.0000018	0.0000492	0.0000639	0.000207	0.0115	0.00000165	0.72	0.000541	1.09	0.01	0.000314	0.615	0.0013	0.00149	0.0000444	0.0000964	0.0000315	0.0214	0.00000302	0.0000524	0.000253	0.000963
2028 Jul	24	0.0355	0.0806	0.00336	5	0.0227	4.2	0.00000306	0.00234	0.000812	0.00324	0.00727	0.00000983	4	0.0000018	0.0000507	0.0000666	0.000212	0.0117	0.0000017	0.763	0.000564	1.15	0.0104	0.000326	0.65	0.00136	0.00159	0.0000379	0.0000992	0.0000327	0.0227	0.00000309	0.0000545	0.00026	0.000976
2028 Aug	24.2	0.0356	0.0813	0.00338	5.06	0.0229	4.23	0.00000311	0.00241	0.000817	0.0033	0.00735	0.00000995	4.04	0.00000181	0.0000514	0.0000677	0.000216	0.012	0.00000173	0.771	0.000573	1.16	0.0106	0.000328	0.657	0.00137	0.00161	0.0000357	0.0001	0.0000332	0.0229	0.00000315	0.000055	0.000263	0.00099
2028 Sep	23	0.0332	0.0767	0.00318	4.8	0.0217	3.98	0.00000303	0.00245	0.000766	0.0032	0.00693	0.00000953	3.83	0.00000173	0.0000492	0.000064	0.000207	0.0118	0.00000167	0.729	0.000552	1.09	0.01	0.000309	0.62	0.00128	0.0015	0.0000298	0.0000947	0.0000319	0.0217	0.00000307	0.0000521	0.000252	0.000955
2028 Oct	22.5	0.0322	0.0751	0.0031	4.69	0.0212	3.88	0.000003	0.00252	0.000746	0.00316	0.00672	0.00000937	3.74	0.00000175	0.0000484	0.0000626	0.000206	0.0118	0.00000165	0.71	0.000545	1.06	0.00981	0.000301	0.604	0.00124	0.00145	0.0000368	0.0000931	0.0000315	0.0213	0.00000303	0.000051	0.000247	0.000955
2028 Nov	22.3	0.0319	0.0747	0.00308	4.66	0.021	3.85	0.00000299	0.00256	0.00074	0.00315	0.00666	0.00000932	3.72	0.00000178	0.0000482	0.0000623	0.000206	0.0118	0.00000164	0.705	0.000543	1.05	0.00975	0.000299	0.598	0.00123	0.00143	0.0000423	0.0000928	0.0000314	0.0211	0.00000302	0.0000507	0.000246	0.000959
2028 Dec	22.3	0.0319	0.0747	0.00308	4.66	0.021	3.85	0.00000299	0.00256	0.00074	0.00315	0.00666	0.00000932	3.72	0.00000178	0.0000482	0.0000623	0.000206	0.0118	0.00000164	0.705	0.000543	1.05	0.00975	0.000299	0.598	0.00123	0.00143	0.0000424	0.0000928	0.0000314	0.0211	0.00000302	0.0000507	0.000246	0.000959
2029 Jan	22.3	0.0319	0.0747	0.00308	4.66	0.021	3.85	0.00000299	0.00256	0.00074	0.00315	0.00666	0.00000932	3.72	0.00000178	0.0000482	0.0000623	0.000206	0.0118	0.00000164	0.705	0.000543	1.05	0.00975	0.000299	0.598	0.00122	0.00143	0.0000424	0.0000927	0.0000314	0.0211	0.00000302	0.0000507	0.000246	0.000959
2029 Feb	22.3	0.0319	0.0747	0.00308	4.66	0.021	3.85	0.00000299	0.00256	0.00074	0.00315	0.00666	0.00000932	3.72	0.00000178	0.0000482	0.0000623	0.000206	0.0118	0.00000164	0.705	0.000543	1.05	0.00975	0.000299	0.598	0.00122	0.00143	0.0000425	0.0000927	0.0000314	0.0211	0.00000302	0.0000507	0.000246	0.000959
2029 Mar	22.3	0.0319	0.0747	0.00308	4.66	0.021	3.85	0.00000299	0.00256	0.00074	0.00315	0.00666	0.00000932	3.72	0.00000178	0.0000482	0.0000624	0.000206	0.0118	0.00000164	0.705	0.000543	1.05	0.00975	0.000299	0.598	0.00123	0.00143	0.0000425	0.0000928	0.0000314	0.0211	0.00000302	0.0000507	0.000246	0.00096
2029 Apr	22.4	0.032	0.0748	0.00308	4.67	0.0211	3.86	0.00000299	0.00257	0.000741	0.00316	0.00667	0.00000934	3.73	0.00000178	0.0000483	0.0000625	0.000207	0.0118	0.00000165	0.706	0.000544	1.06	0.00977	0.0003	0.6	0.00123	0.00143	0.0000426	0.0000929	0.0000315	0.0212	0.00000303	0.0000508	0.000246	0.000962
2029 May	22.6	0.0322	0.0755	0.00311	4.71	0.0212	3.89	0.00000302	0.00259	0.000747	0.00318	0.00673	0.00000942	3.76	0.0000018	0.0000487	0.000063	0.000208	0.0119	0.00000166	0.712	0.000549	1.07	0.00985	0.000302	0.605	0.00124	0.00145	0.0000432	0.0000937	0.0000317	0.0214	0.00000306	0.0000513	0.000249	0.000971
2029 Jun	23	0.0307	0.0732	0.00293	4.76	0.0213	3.85	0.00000293	0.00233	0.000703	0.00308	0.00682	0.00000897	3.75	0.00000176	0.0000466	0.0000612	0.000203	0.0109	0.00000161	0.722	0.000539	1.07	0.00936	0.000285	0.613	0.00119	0.00145	0.0000442	0.0000892	0.0000308	0.0214	0.00000296	0.0000488	0.000236	0.000944
2029 Jul	24.3	0.0319	0.0769	0.00303	5.07	0.0223	4.03	0.000003	0.00228	0.000726	0.00315	0.00723	0.00000919	3.96	0.00000176	0.0000479	0.0000638	0.000207	0.011	0.00000165	0.764	0.000561	1.13	0.00973	0.000296	0.647	0.00123	0.00155	0.0000375	0.0000917	0.0000319	0.0227	0.00000303	0.0000506	0.000242	0.000955
2029 Aug	24.6	0.032	0.0776	0.00305	5.14	0.0226	4.06	0.00000306	0.00235	0.000731	0.00321	0.00732	0.00000932	4	0.00000178	0.0000486	0.000065	0.00021	0.0113	0.00000168	0.773	0.00057	1.15	0.00984	0.000298	0.655	0.00124	0.00156	0.0000354	0.0000925	0.0000323	0.0229	0.00000309	0.0000511	0.000245	0.00097
2029 Sep	23.3	0.0297	0.0729	0.00285	4.85	0.0213	3.81	0.00000297	0.00239	0.000682	0.00312	0.00688	0.00000891	3.78	0.00000169	0.0000465	0.0000612	0.000202	0.0112	0.00000162	0.728	0.000548	1.07	0.00929	0.000279	0.616	0.00116	0.00145	0.0000293	0.0000873	0.000031	0.0217	0.00000301	0.0000482	0.000234	0.000934
2029 Oct	22.7	0.0289	0.0713	0.00278	4.74	0.0208	3.72	0.00000294	0.00246	0.000664	0.00308	0.00667	0.00000876	3.69	0.00000171	0.0000458	0.0000599	0.000201	0.0112	0.0000016	0.71	0.000541	1.05	0.0091	0.000272	0.6	0.00112	0.0014	0.0000361	0.0000858	0.0000306	0.0212	0.00000297	0.0000472	0.00023	0.000934
2029 Nov	22.6	0.0286	0.0709	0.00276	4.71	0.0207	3.69	0.00000293	0.0025	0.000659	0.00307	0.00661	0.00000871	3.67	0.00000174	0.0000455	0.0000597	0.000201	0.0112	0.0000016	0.704	0.000539	1.04	0.00905	0.00027	0.594	0.00111	0.00138	0.0000416	0.0000855	0.0000305	0.0211	0.00000296	0.0000469	0.000229	0.000939
2029 Dec	22.6	0.0286	0.0709	0.00276	4.71	0.0207	3.69	0.00000293	0.0025	0.000658	0.00307	0.00661	0.00000871	3.67	0.00000174	0.0000455	0.0000597	0.000201	0.0112	0.0000016	0.704	0.000539	1.04	0.00905	0.00027	0.594	0.00111	0.00138	0.0000417	0.0000855	0.0000305	0.0211	0.00000296	0.0000469	0.000229	0.000939
2030 Jan	22.6	0.0286	0.0709	0.00276	4.71	0.0207	3.69	0.00000293	0.0025	0.000658	0.00307	0.0066	0.00000871	3.67	0.00000174	0.0000455	0.0000597	0.000201	0.0112	0.0000016	0.704	0.000539	1.04	0.00905	0.00027	0.594	0.00111	0.00138	0.0000417	0.0000855	0.0000305	0.0211	0.00000296	0.0000469	0.000229	0.000939
2030 Feb	22.6	0.0286	0.0709	0.00276	4.71	0.0207	3.69	0.00000293	0.0025	0.000658	0.00307	0.0066	0.00000871	3.67	0.00000174	0.0000455	0.0000597	0.000201	0.0112	0.0000016	0.704	0.000539	1.04	0.00905	0.00027	0.594	0.00111	0.00138	0.0000418	0.0000855	0.0000305	0.0211	0.00000296	0.0000469	0.000229	0.000939
2030 Mar	22.6	0.0286	0.0709	0.00276	4.71	0.0207	3.69	0.00000293	0.0025	0.000658	0.00307	0.00661	0.00000871	3.67	0.00000174	0.0000455	0.0000597	0.000201	0.0112	0.0000016	0.704	0.000539	1.04	0.00905	0.00027	0.594	0.00111	0.00138	0.0000418	0.0000855	0.0000305	0.0211	0.00000296	0.0000469	0.000229	0.000939
2030 Apr	22.7	0.0286	0.0711	0.00276	4.72	0.0208	3.7	0.00000294	0.00251	0.00066	0.00308	0.00662	0.00000874	3.68	0.00000175	0.0000457	0.0000598	0.000201	0.0112	0.0000016	0.706	0.00054	1.04	0.00907	0.000271	0.596	0.00111	0.00139	0.0000419	0.0000858	0.0000306	0.0211	0.00000297	0.0000471	0.00023	0.000942
2030 May	22.9	0.0289	0.0717	0.00279	4.77	0.021	3.73	0.00000297	0.00253	0.000666	0.00311	0.00669	0.00000882	3.71	0.00000177	0.0000461	0.0000604	0.000203	0.0113	0.00000162	0.713	0.000545	1.05	0.00915	0.000273	0.602	0.00112	0.0014	0.0000427	0.0000866	0.0000309	0.0213	0.000003	0.0000475	0.000232	0.000952
2030 Jun	23.2	0.0275	0.0693	0.00262	4.79	0.021	3.69	0.00000288	0.00226	0.000625	0.003	0.00676	0.00000839	3.7	0.00000172	0.0000441	0.0000585	0.000197	0.0103	0.00000156	0.72	0.000534	1.06	0.00867	0.000258	0.608	0.00107	0.0014	0.0000435	0.0000822	0.0000299	0.0213	0.00000291	0.0000451	0.00022	0.000923

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron
2030 Jul	24.5	0.0286	0.0728	0.00271	5.1	0.022	3.87	0.00000295	0.0022	0.000646	0.00308
2030 Aug	24.9	0.0288	0.0736	0.00273	5.18	0.0223	3.91	0.00000301	0.00228	0.000652	0.00314
2030 Sep	23.5	0.0267	0.0691	0.00256	4.9	0.0211	3.67	0.00000293	0.00232	0.00061	0.00305
2030 Oct	23	0.0259	0.0675	0.00249	4.78	0.0206	3.58	0.0000029	0.00239	0.000592	0.00301
2030 Nov	22.8	0.0256	0.067	0.00247	4.75	0.0204	3.55	0.00000289	0.00242	0.000587	0.003
2030 Dec	22.8	0.0256	0.067	0.00247	4.75	0.0204	3.55	0.00000289	0.00242	0.000587	0.003
2031 Jan	22.8	0.0256	0.067	0.00247	4.74	0.0204	3.55	0.00000289	0.00242	0.000587	0.003
2031 Feb	22.8	0.0256	0.067	0.00247	4.74	0.0204	3.55	0.00000289	0.00242	0.000587	0.003
2031 Mar	22.8	0.0256	0.067	0.00247	4.75	0.0204	3.55	0.00000289	0.00242	0.000587	0.003
2031 Apr	22.9	0.0257	0.0672	0.00248	4.76	0.0205	3.56	0.0000029	0.00243	0.000589	0.00301
2031 May	23.1	0.0259	0.0678	0.0025	4.8	0.0207	3.59	0.00000293	0.00246	0.000594	0.00304
2031 Jun	23.4	0.0248	0.0657	0.00235	4.82	0.0207	3.56	0.00000283	0.00219	0.000559	0.00294
2031 Jul	24.8	0.0258	0.0692	0.00244	5.14	0.0217	3.73	0.0000029	0.00213	0.000579	0.00301
2031 Aug	25.1	0.026	0.07	0.00246	5.21	0.022	3.77	0.00000296	0.00221	0.000584	0.00308
2031 Sep	23.7	0.0241	0.0658	0.00231	4.93	0.0208	3.55	0.00000289	0.00226	0.000547	0.00299
2031 Oct	23.2	0.0234	0.0643	0.00225	4.81	0.0203	3.46	0.00000286	0.00233	0.000532	0.00296
2031 Nov	23	0.0231	0.0639	0.00223	4.78	0.0202	3.43	0.00000285	0.00236	0.000528	0.00295
2031 Dec	23	0.0231	0.0639	0.00223	4.78	0.0202	3.43	0.00000285	0.00236	0.000528	0.00295
2032 Jan	23	0.0231	0.0639	0.00223	4.78	0.0202	3.43	0.00000285	0.00236	0.000528	0.00295
2032 Feb	23	0.0231	0.0639	0.00223	4.78	0.0202	3.43	0.00000285	0.00236	0.000528	0.00295
2032 Mar	23	0.0231	0.0639	0.00223	4.78	0.0202	3.43	0.00000285	0.00236	0.000528	0.00295
2032 Apr	23.1	0.0232	0.0641	0.00224	4.79	0.0203	3.44	0.00000285	0.00237	0.000529	0.00295
2032 May	23.3	0.0234	0.0647	0.00226	4.84	0.0204	3.47	0.00000288	0.00239	0.000534	0.00298
2032 Jun	23.5	0.0224	0.0628	0.00213	4.86	0.0205	3.45	0.00000279	0.00214	0.000504	0.00289
2032 Jul	24.9	0.0235	0.0662	0.00221	5.17	0.0215	3.62	0.00000286	0.00207	0.000522	0.00295
2032 Aug	25.2	0.0235	0.0667	0.00223	5.24	0.0218	3.65	0.00000292	0.00215	0.000525	0.00301
2032 Sep	23.8	0.0218	0.0629	0.00209	4.95	0.0206	3.43	0.00000284	0.00221	0.000493	0.00293
2032 Oct	23.3	0.0212	0.0616	0.00204	4.84	0.0201	3.34	0.00000282	0.00228	0.00048	0.0029
2032 Nov	23.1	0.021	0.0613	0.00203	4.81	0.0199	3.32	0.00000281	0.00232	0.000476	0.00289
2032 Dec	23.1	0.021	0.0613	0.00203	4.8	0.0199	3.32	0.00000281	0.00232	0.000476	0.00289
2033 Jan	23.1	0.021	0.0613	0.00203	4.8	0.0199	3.32	0.00000281	0.00232	0.000476	0.00289
2033 Feb	23.1	0.021	0.0613	0.00203	4.8	0.0199	3.32	0.00000281	0.00232	0.000476	0.00289
2033 Mar	23.1	0.021	0.0613	0.00203	4.81	0.0199	3.32	0.00000281	0.00232	0.000476	0.00289
2033 Apr	23.2	0.021	0.0614	0.00204	4.82	0.02	3.33	0.00000282	0.00233	0.000478	0.0029
2033 May	23.4	0.0212	0.062	0.00205	4.86	0.0202	3.36	0.00000285	0.00235	0.000482	0.00293
2033 Jun	23.7	0.0205	0.0605	0.00195	4.89	0.0203	3.35	0.00000276	0.00209	0.000457	0.00284
2033 Jul	25.1	0.0215	0.0639	0.00202	5.2	0.0213	3.52	0.00000283	0.00203	0.000474	0.00291
2033 Aug	25.5	0.0216	0.0646	0.00204	5.28	0.0216	3.56	0.00000289	0.0021	0.000479	0.00297
2033 Sep	24.1	0.02	0.0608	0.00192	4.99	0.0205	3.35	0.00000282	0.00216	0.000449	0.00289
2033 Oct	23.5	0.0194	0.0593	0.00187	4.87	0.0199	3.26	0.00000279	0.00224	0.000436	0.00286
2033 Nov	23.3	0.0192	0.059	0.00186	4.83	0.0198	3.24	0.00000278	0.00227	0.000433	0.00285
2033 Dec	23.3	0.0192	0.059	0.00186	4.83	0.0198	3.24	0.00000278	0.00227	0.000433	0.00285
2034 Jan	23.3	0.0192	0.059	0.00186	4.83	0.0198	3.24	0.00000278	0.00227	0.000433	0.00285
2034 Feb	23.3	0.0192	0.059	0.00186	4.83	0.0198	3.24	0.00000278	0.00227	0.000433	0.00285
2034 Mar	23.3	0.0192	0.059	0.00186	4.83	0.0198	3.24	0.00000278	0.00227	0.000433	0.00285
2034 Apr	23.4	0.0192	0.0591	0.00186	4.85	0.0199	3.25	0.00000279	0.00228	0.000434	0.00286
2034 May	23.6	0.0194	0.0597	0.00188	4.89	0.0201	3.28	0.00000282	0.00231	0.000438	0.00289
2034 Jun	23.8	0.0188	0.0582	0.00178	4.91	0.0202	3.27	0.00000273	0.00204	0.000415	0.0028
2034 Jul	25.2	0.0197	0.0615	0.00185	5.22	0.0211	3.43	0.00000279	0.00198	0.000431	0.00286
2034 Aug	25.5	0.0198	0.0621	0.00187	5.28	0.0214	3.47	0.00000285	0.00206	0.000435	0.00292
2034 Sep	24.1	0.0183	0.0586	0.00176	5	0.0202	3.26	0.00000279	0.00212	0.000409	0.00285
2034 Oct	23.5	0.0178	0.0574	0.00172	4.88	0.0197	3.18	0.00000276	0.00221	0.000398	0.00282
2034 Nov	23.4	0.0176	0.057	0.00171	4.85	0.0196	3.16	0.00000275	0.00224	0.000395	0.00281
2034 Dec	23.4	0.0176	0.057	0.00171	4.85	0.0196	3.16	0.00000275	0.00224	0.000395	0.00281
2035 Jan	23.4	0.0176	0.057	0.00171	4.85	0.0196	3.16	0.00000275	0.00224	0.000395	0.00281
2035 Feb	23.4	0.0176	0.057	0.00171	4.85	0.0196	3.16	0.00000275	0.00224	0.000395	0.00281
2035 Mar	23.4	0.0176	0.057	0.00171	4.85	0.0196	3.16	0.00000275	0.00224	0.000395	0.00281
2035 Apr	23.5	0.0177	0.0572	0.00171	4.86	0.0197	3.17	0.00000276	0.00225	0.000396	0.00282
2035 May	23.7	0.0178	0.0577	0.00173	4.91	0.0199	3.2	0.00000279	0.00228	0.0004	0.00285
2035 Jun	23.9	0.0174	0.0565	0.00164	4.92	0.02	3.2	0.00000271	0.00201	0.000381	0.00276
2035 Jul	25.3	0.0183	0.0597	0.00171	5.23	0.021	3.37	0.00000277	0.00196	0.000396	0.00283
2035 Aug	25.6	0.0183	0.0602	0.00173	5.3	0.0212	3.4	0.00000283	0.00203	0.000399	0.00289
2035 Sep	24.2	0.017	0.0567	0.00162	5.01	0.0201	3.19	0.00000277	0.00209	0.000376	0.00282
2035 Oct	23.6	0.0164	0.0554	0.00159	4.89	0.0196	3.11	0.00000274	0.00218	0.000365	0.00279
2035 Nov	23.4	0.0162	0.0551	0.00157	4.85	0.0195	3.09	0.00000273	0.00222	0.000363	0.00278
2035 Dec	23.4	0.0162	0.0551	0.00157	4.85	0.0195	3.09	0.00000273	0.00222	0.000363	0.00278
2036 Jan	23.4	0.0162	0.0551	0.00157	4.85	0.0195	3.09	0.00000273	0.00222	0.000362	0.00278
2036 Feb	23.4	0.0162	0.0551	0.00157	4.85	0.0195	3.09	0.00000273	0.00222	0.000362	0.00278
2036 Mar	23.4	0.0162	0.0551	0.00157	4.85	0.0195	3.09	0.00000273	0.00222	0.000363	0.00278
2036 Apr	23.5	0.0163	0.0553	0.00158	4.87	0.0195	3.1	0.00000274	0.00222	0.000364	0.00279
2036 May	23.7	0.0164	0.0558	0.00159	4.91	0.0197	3.13	0.00000277	0.00225	0.000367	0.00282
2036 Jun	24	0.0161	0.0548	0.00152	4.93	0.0199	3.14	0.00000268	0.00199	0.000351	0.00273
2036 Jul	25.4	0.017	0.058	0.00159	5.24	0.0208	3.3	0.00000275	0.00193	0.000366	0.0028
2036 Aug	25.7	0.017	0.0586	0.0016	5.31	0.0211	3.33	0.00000281	0.002	0.000369	0.00286
2036 Sep	24.3	0.0158	0.0552	0.00151	5.02	0.02	3.13	0.00000275	0.00207	0.000347	0.00279
2036 Oct	23.7	0.0153	0.054	0.00148	4.9	0.0195	3.05	0.00000272	0.00215	0.000338	0.00276
2036 Nov	23.5	0.0151	0.0537	0.00147	4.86	0.0193	3.03	0.00000271	0.00219	0.000336	0.00275
2036 Dec	23.5	0.0151	0.0537	0.00147	4.86	0.0193	3.03	0.00000271	0.00219	0.000336	0.00275
2037 Jan	23.5	0.0151	0.0537	0.00147	4.86	0.0193	3.03	0.00000271	0.00219	0.000336	0.00275
2037 Feb	23.5	0.0151	0.0537	0.00147	4.86	0.0193	3.03	0.00000271	0.00219	0.000336	0.00275
2037 Mar	23.5	0.0151	0.0538	0.00147	4.86	0.0193	3.03	0.00000271	0.00219	0.000336	0.00275
2037 Apr	23.6	0.0152	0.0539	0.00147	4.88	0.0194	3.04	0.00000272	0.0022	0.000337	0.00276
2037 May	23.8	0.0153	0.0544	0.00149	4.92	0.0196	3.07	0.00000275	0.00222	0.00034	0.00279
2037 Jun	24.1	0.0151	0.0536	0.00143	4.94	0.0197	3.09	0.00000267	0.00196	0.000327	0.00271
2037 Jul	25.5	0.0159	0.0568	0.00149	5.26	0.0207	3.25	0.00000273	0.0019	0.00034	0.00278
2037 Aug	25.8	0.016	0.0573	0.0015	5.33	0.021	3.28	0.00000279	0.00198	0.000343	0.00284
2037 Sep	24.3	0.0148	0.054	0.00142	5.03	0.0199	3.09	0.00000273	0.00204	0.000324	0.00277
2037 Oct	23.7	0.0143	0.0528	0.00139	4.91	0.0194	3.01	0.0000027	0.00213	0.000315	0.00274
2037 Nov	23.6	0.0142	0.0525	0.00138	4.88	0.0193	2.99	0.0000027	0.00217	0.000313	0.00273
2037 Dec	23.6	0.0142	0.0525	0.00138	4.88	0.0193	2.99	0.0000027	0.00217	0.000313	0.00273
2038 Jan	23.6	0.0142	0.0525	0.00138	4.88	0.0193	2.99	0.0000027	0.00217	0.000313	0.00273
2038 Feb	23.6	0.0142	0.0525	0.00138	4.88	0.0193	2.99	0.0000027	0.00217	0.000313	0.00273
2038 Mar	23.6	0.0142	0.0525	0.00138	4.88	0.0193	2.99	0.0000027	0.00217	0.000313	0.00273
2038 Apr	23.6	0.0142	0.0527	0.00138	4.89	0.0193	3	0.0000027	0.00218	0.000314	0.00274
2038 May	23.9	0.0143	0.0532	0.00139	4.94	0.0195	3.02	0.00000273	0.0022	0.000317	0.00277
2038 Jun	24.1	0.0142	0.0524	0.00134	4.94	0.0196	3.04	0.00000265	0.00194	0.000305	0.00269
2038 Jul	25.5	0.015	0.0555	0.0014	5.26	0.0206	3.21	0.00000273	0.00189	0.000318	0.00276
2038 Aug	25.9	0.0151	0.0562	0.00142	5.35	0.021	3.25	0.00000279	0.00197	0.000323	0.00283
2038 Sep	24.4	0.014	0.0529	0.00134	5.05	0.0199	3.05	0.00000272	0.00202	0.000304	0.00276
2038 Oct	23.8	0.0135	0.0516	0.00131	4.92	0.0194	2.97	0.0000027	0.00211	0.000296	0.00273
2038 Nov	23.6	0.0134	0.0512	0.0013	4.88	0.0192	2.95	0.00000269	0.00215	0.000293	0.00272
2038 Dec	23.6	0.0134	0.0512	0.0013	4.88	0.0192	2.95	0.00000269	0.00215	0.000293	0.00272
2039 Jan	23.6	0.0134	0.0512	0.0013	4.88	0.0192	2.95	0.00000269	0.00215	0.000293	0.00272
2039 Feb	23.6	0.0134	0.0512	0.0013	4.88	0.0192	2.95	0.00000269	0.00215	0.000293	0.00272
2039 Mar	23.6	0.0134	0.0512	0.0013	4.88	0.0192	2.95	0.00000269	0.00215	0.000293	0.00272
2039 Apr	23.7	0.0134	0.0514	0.0013	4.89	0.0193	2.96	0.0000027	0.00216	0.000294	0.00273
2039 May	23.9	0.0135	0.0518	0.00131	4.94	0.0195	2.99	0.00000272	0.00218	0.000297	0.00275

Constituents	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium
2030 Jul	0.00717	0.0000086	3.9	0.00000172	0.0000453	0.0000611	0.000202	0.0104	0.0000016	0.762	0.000556	1.11
2030 Aug	0.00727	0.00000874	3.95	0.00000174	0.0000461	0.0000623	0.000205	0.0107	0.00000163	0.773	0.000566	1.13
2030 Sep	0.00684	0.00000838	3.74	0.00000166	0.0000442	0.0000588	0.000197	0.0106	0.00000158	0.728	0.000544	1.06
2030 Oct	0.00663	0.00000823	3.65	0.00000168	0.0000434	0.0000575	0.000196	0.0106	0.00000156	0.709	0.000536	1.03
2030 Nov	0.00657	0.00000819	3.62	0.00000171	0.0000432	0.0000573	0.000196	0.0106	0.00000155	0.703	0.000534	1.02
2030 Dec	0.00656	0.00000819	3.62	0.00000171	0.0000432	0.0000573	0.000196	0.0106	0.00000155	0.703	0.000534	1.02
2031 Jan	0.00656	0.00000819	3.62	0.00000171	0.0000432	0.0000573	0.000196	0.0106	0.00000155	0.703	0.000534	1.02
2031 Feb	0.00656	0.00000819	3.62	0.00000171	0.0000432	0.0000573	0.000196	0.0106	0.00000155	0.703	0.000534	1.02
2031 Mar	0.00656	0.00000819	3.62	0.00000171	0.0000432	0.0000573	0.000196	0.0106	0.00000156	0.703	0.000534	1.02
2031 Apr	0.00658	0.00000821	3.63	0.00000171	0.0000433	0.0000575	0.000197	0.0106	0.00000156	0.705	0.000535	1.03
2031 May	0.00664	0.00000829	3.67	0.00000173	0.0000438	0.000058	0.000199	0.0107	0.00000158	0.712	0.000541	1.04
2031 Jun	0.00672	0.0000079	3.65	0.00000168	0.0000419	0.0000563	0.000193	0.00971	0.00000152	0.718	0.000529	1.04
2031 Jul	0.00713	0.00000809	3.86	0.00000168	0.0000431	0.0000589	0.000197	0.00982	0.00000156	0.761	0.000552	1.1
2031 Aug	0.00723	0.00000823	3.91	0.0000017	0.0000438	0.0000601	0.000201	0.0101	0.00000159	0.771	0.000562	1.12
2031 Sep	0.00681	0.00000791	3.7	0.00000163	0.0000421	0.0000568	0.000193	0.0101	0.00000154	0.728	0.00054	1.05
2031 Oct	0.0066	0.00000778	3.61	0.00000165	0.0000414	0.0000556	0.000192	0.0101	0.00000152	0.708	0.000532	1.02
2031 Nov	0.00653	0.00000774	3.59	0.00000167	0.0000413	0.0000554	0.000192	0.0101	0.00000152	0.703	0.00053	1.01
2031 Dec	0.00653	0.00000774	3.59	0.00000167	0.0000412	0.0000554	0.000192	0.0101	0.00000152	0.703	0.00053	1.01
2032 Jan	0.00653	0.00000774	3.58	0.00000168	0.0000412	0.0000554	0.000192	0.0101	0.00000152	0.703	0.00053	1.01
2032 Feb	0.00653	0.00000774	3.58	0.00000168	0.0000412	0.0000554	0.000192	0.0101	0.00000152	0.703	0.00053	1.01
2032 Mar	0.00653	0.00000775	3.59	0.00000168	0.0000413	0.0000554	0.000192	0.0101	0.00000152	0.703	0.00053	1.01
2032 Apr	0.00655	0.00000777	3.59	0.00000168	0.0000414	0.0000555	0.000192	0.0101	0.00000152	0.705	0.000532	1.01
2032 May	0.00661	0.00000784	3.63	0.0000017	0.0000418	0.0000561	0.000194	0.0102	0.00000154	0.711	0.000537	1.02
2032 Jun	0.00668	0.00000748	3.62	0.00000166	0.0000401	0.0000545	0.000189	0.00925	0.00000148	0.718	0.000526	1.03
2032 Jul	0.0071	0.00000767	3.82	0.00000166	0.0000412	0.000057	0.000193	0.00935	0.00000152	0.76	0.000548	1.09
2032 Aug	0.00718	0.00000779	3.86	0.00000167	0.0000418	0.0000581	0.000196	0.00962	0.00000155	0.769	0.000557	1.1
2032 Sep	0.00676	0.0000075	3.66	0.0000016	0.0000403	0.000055	0.000189	0.00962	0.00000151	0.725	0.000536	1.03
2032 Oct	0.00655	0.00000739	3.57	0.00000162	0.0000397	0.0000538	0.000188	0.00968	0.00000149	0.706	0.000529	1.01
2032 Nov	0.00649	0.00000736	3.55	0.00000165	0.0000395	0.0000537	0.000188	0.0097	0.00000148	0.701	0.000527	0.998
2032 Dec	0.00648	0.00000735	3.55	0.00000165	0.0000395	0.0000537	0.000188	0.0097	0.00000148	0.701	0.000527	0.998
2033 Jan	0.00648	0.00000735	3.55	0.00000165	0.0000395	0.0000537	0.000188	0.0097	0.00000148	0.701	0.000527	0.998
2033 Feb	0.00648	0.00000735	3.55	0.00000165	0.0000395	0.0000537	0.000188	0.0097	0.00000148	0.701	0.000527	0.998
2033 Mar	0.00648	0.00000736	3.55	0.00000165	0.0000395	0.0000537	0.000188	0.0097	0.00000148	0.701	0.000527	0.998
2033 Apr	0.0065	0.00000738	3.56	0.00000166	0.0000396	0.0000538	0.000189	0.00973	0.00000149	0.703	0.000528	1
2033 May	0.00656	0.00000745	3.59	0.00000168	0.00004	0.0000543	0.000191	0.00983	0.0000015	0.71	0.000534	1.01
2033 Jun	0.00666	0.00000713	3.59	0.00000163	0.0000385	0.0000529	0.000186	0.00887	0.00000145	0.718	0.000524	1.02
2033 Jul	0.00707	0.00000731	3.79	0.00000163	0.0000396	0.0000554	0.00019	0.00897	0.00000149	0.76	0.000546	1.08
2033 Aug	0.00717	0.00000744	3.85	0.00000165	0.0000404	0.0000566	0.000194	0.00925	0.00000152	0.771	0.000556	1.09
2033 Sep	0.00675	0.00000718	3.64	0.00000158	0.0000389	0.0000536	0.000186	0.00925	0.00000148	0.727	0.000534	1.03
2033 Oct	0.00653	0.00000707	3.55	0.0000016	0.0000383	0.0000525	0.000185	0.00931	0.00000146	0.707	0.000526	0.999
2033 Nov	0.00647	0.00000704	3.52	0.00000163	0.0000381	0.0000523	0.000186	0.00933	0.00000146	0.701	0.000524	0.99
2033 Dec	0.00647	0.00000703	3.52	0.00000163	0.0000381	0.0000523	0.000186	0.00933	0.00000146	0.701	0.000524	0.99
2034 Jan	0.00647	0.00000703	3.52	0.00000163	0.0000381	0.0000523	0.000186	0.00933	0.00000146	0.701	0.000524	0.99
2034 Feb	0.00647	0.00000703	3.52	0.00000163	0.0000381	0.0000523	0.000186	0.00933	0.00000146	0.701	0.000524	0.99
2034 Mar	0.00647	0.00000704	3.52	0.00000163	0.0000381	0.0000523	0.000186	0.00933	0.00000146	0.701	0.000524	0.99
2034 Apr	0.00649	0.00000706	3.53	0.00000164	0.0000382	0.0000524	0.000186	0.00936	0.00000146	0.703	0.000526	0.993
2034 May	0.00655	0.00000713	3.57	0.00000166	0.0000386	0.000053	0.000188	0.00945	0.00000148	0.71	0.000531	1
2034 Jun	0.00663	0.00000682	3.56	0.00000161	0.0000371	0.0000516	0.000183	0.00852	0.00000143	0.717	0.00052	1.01
2034 Jul	0.00704	0.00000699	3.76	0.00000161	0.0000382	0.000054	0.000187	0.00861	0.00000146	0.759	0.000542	1.07
2034 Aug	0.00712	0.00000711	3.81	0.00000163	0.0000388	0.0000551	0.00019	0.00889	0.00000149	0.767	0.000551	1.08
2034 Sep	0.0067	0.00000687	3.6	0.00000156	0.0000375	0.0000522	0.000183	0.00895	0.00000145	0.724	0.000531	1.02
2034 Oct	0.00649	0.00000678	3.52	0.00000158	0.000037	0.0000512	0.000183	0.00903	0.00000144	0.705	0.000524	0.988
2034 Nov	0.00643	0.00000675	3.49	0.00000161	0.0000369	0.000051	0.000183	0.00905	0.00000143	0.699	0.000522	0.981
2034 Dec	0.00643	0.00000675	3.49	0.00000161	0.0000369	0.000051	0.000183	0.00905	0.00000143	0.699	0.000522	0.98
2035 Jan	0.00643	0.00000675	3.49	0.00000161	0.0000368	0.000051	0.000183	0.00905	0.00000143	0.699	0.000522	0.98
2035 Feb	0.00643	0.00000675	3.49	0.00000161	0.0000368	0.000051	0.000183	0.00905	0.00000143	0.699	0.000522	0.98
2035 Mar	0.00643	0.00000675	3.49	0.00000161	0.0000369	0.000051	0.000183	0.00905	0.00000143	0.699	0.000522	0.98
2035 Apr	0.00645	0.00000677	3.5	0.00000162	0.000037	0.0000512	0.000184	0.00908	0.00000144	0.701	0.000523	0.983
2035 May	0.00651	0.00000684	3.54	0.00000164	0.0000373	0.0000517	0.000186	0.00917	0.00000145	0.708	0.000529	0.993
2035 Jun	0.0066	0.00000656	3.54	0.00000159	0.000036	0.0000503	0.000181	0.00825	0.00000141	0.716	0.000519	1
2035 Jul	0.00701	0.00000674	3.74	0.00000159	0.0000371	0.0000528	0.000185	0.00834	0.00000144	0.758	0.000541	1.06
2035 Aug	0.0071	0.00000686	3.78	0.00000161	0.0000377	0.0000539	0.000188	0.00861	0.00000147	0.767	0.00055	1.07
2035 Sep	0.00668	0.00000663	3.58	0.00000154	0.0000364	0.0000511	0.000181	0.00867	0.00000143	0.723	0.000528	1.01
2035 Oct	0.00646	0.00000654	3.49	0.00000157	0.0000359	0.0000501	0.00018	0.00875	0.00000142	0.703	0.000521	0.98
2035 Nov	0.0064	0.00000651	3.47	0.0000016	0.0000358	0.0000499	0.000181	0.00877	0.00000141	0.698	0.000519	0.972
2035 Dec	0.0064	0.00000651	3.47	0.0000016	0.0000358	0.0000499	0.000181	0.00877	0.00000141	0.698	0.000519	0.972
2036 Jan	0.0064	0.00000651	3.47	0.0000016	0.0000358	0.0000499	0.000181	0.00877	0.00000141	0.698	0.000519	0.972
2036 Feb	0.0064	0.00000651	3.47	0.0000016	0.0000358	0.0000499	0.000181	0.00878	0.00000141	0.698	0.000519	0.972
2036 Mar	0.0064	0.00000651	3.47	0.0000016	0.0000358	0.00005	0.000181	0.00878	0.00000141	0.698	0.000519	0.972
2036 Apr	0.00642	0.00000653	3.48	0.00000161	0.0000359	0.0000501	0.000182	0.0088	0.00000142	0.7	0.00052	0.975
2036 May	0.00648	0.0000066	3.51	0.00000163	0.0000363	0.0000506	0.000183	0.00889	0.00000143	0.706	0.000525	0.984
2036 Jun	0.00658	0.00000634	3.51	0.00000158	0.000035	0.0000494	0.000179	0.00799	0.00000139	0.715	0.000516	0.997
2036 Jul	0.00699	0.00000651	3.71	0.00000158	0.0000361	0.0000518	0.000183	0.00809	0.00000142	0.757	0.000538	1.05
2036 Aug	0.00708	0.00000663	3.76	0.0000016	0.0000367	0.000053	0.000186	0.00836	0.00000145	0.766	0.000548	1.07
2036 Sep	0.00665	0.00000642	3.56	0.00000153	0.0000355	0.0000501	0.000179	0.00844	0.00000142	0.722	0.000526	1
2036 Oct	0.00644	0.00000633	3.47	0.00000156	0.000035	0.0000491	0.000179	0.00854	0.0000014	0.702	0.000519	0.974
2036 Nov	0.00637	0.00000631	3.45	0.00000159	0.0000349	0.000049	0.000179	0.00856	0.0000014	0.696	0.000517	0.965
2036 Dec	0.00637	0.00000631	3.45	0.00000159	0.0000349	0.000049	0.000179	0.00856	0.0000014	0.696	0.000517	0.965
2037 Jan	0.00637	0.00000631	3.45	0.00000159	0.0000349	0.000049	0.000179	0.00856	0.0000014	0.696	0.000517	0.965
2037 Feb	0.00637	0.00000631	3.45	0.00000159	0.0000349	0.000049	0.000179	0.00856	0.0000014	0.696	0.000517	0.965
2037 Mar	0.00637	0.00000631	3.45	0.00000159	0.0000349	0.000049	0.000179	0.00856	0.0000014	0.696	0.000517	0.965
2037 Apr	0.00639	0.00000633	3.46	0.0000016	0.000035	0.0000492	0.00018	0.00859	0.0000014	0.698	0.000518	0.968
2037 May	0.00645	0.00000639	3.49	0.00000162	0.0000353	0.0000497	0.000182	0.00867	0.00000141	0.705	0.000524	0.978
2037 Jun	0.00656	0.00000616	3.5	0.00000157	0.0000342	0.0000486	0.000177	0.0078	0.00000137	0.714	0.000515	0.991
2037 Jul	0.00697	0.00000632	3.7	0.00000157	0.0000352	0.000051	0.000181	0.00788	0.00000141	0.757	0.000537	1.05
2037 Aug	0.00706	0.00000643	3.74	0.00000159	0.0000359	0.0000521	0.000184	0.00816	0.00000144	0.765	0.000546	1.06
2037 Sep	0.00664	0.00000624	3.54	0.00000152	0.0000347	0.0000494	0.000178	0.00825	0.0000014	0.721	0.000525	0.998
2037 Oct	0.00643	0.00000616	3.46	0.00000155	0.0000343	0.0000484	0.000177	0.00835	0.00000139	0.702	0.000517	0.969
2037 Nov	0.00636	0.00000614	3.43	0.00000158	0.0000341	0.0000483	0.000178	0.00838	0.00000138	0.696	0.000515	0.961
2037 Dec	0.00636	0.00000614	3.43	0.00000158	0.0000341	0.0000483	0.000178	0.00838	0.00000138	0.696	0.000515	0.961
2038 Jan	0.00636	0.00000614	3.43	0.00000158	0.0000341	0.0000483	0.000178	0.00838	0.00000138	0.696	0.000515	0.961
2038 Feb	0.00636	0.00000614	3.43	0.00000158	0.0000341	0.0000483	0.000178	0.00838	0.00000138	0.696	0.000515	0.961
2038 Mar	0.00636	0.00000614	3.43	0.00000158	0.0000341	0.0000483	0.000178	0.00838	0.00000138	0.696	0.000516	0.961
2038 Apr	0.00638	0.00000616	3.44	0.00000159	0.0000342	0.0000485	0.000178	0.00841	0.00000139	0.698	0.000517	0.964
2038 May	0.00644	0.00000622	3.48	0.00000161	0.0000346	0.0000489	0.00018	0.00849	0.0000014	0.705	0.000522	0.973
2038 Jun	0.00654	0.000006	3.48	0.00000156	0.0000335	0.0000477	0.000175	0.00761	0.00000136	0.713	0.000513	0.986
2038 Jul	0.00695	0.00000616	3.68	0.00000156	0.0000345	0.0000502	0.00018	0.00771	0.0000014	0.755	0.000536	1.04
2038 Aug	0.00707	0.0000063	3.74	0.00000159	0.0000353	0.0000515	0.000184	0.00799	0.00000143	0.767	0.000546	1.06
2038 Sep	0.00664	0.00000611	3.54	0.00000151	0.0000341	0.0000488	0.000177	0.00807	0.00000139	0.723	0.000524	0.996
2038 Oct	0.00642	0.00000603	3.44	0.00000155	0.0000337	0.0000478	0.000176	0.00816	0.00000138	0.702	0.000515	0.966
2038 Nov	0.00635	0.000006	3.42	0.00000158	0.0000335	0.0000477	0.000176	0.00818	0.00000137	0.696	0.000513	0.958
2038 Dec	0.00635	0.000006	3.42	0.00000158	0.0000335	0.0000477	0.000176	0.00818	0.00000137	0.696	0.000513	0.958
2039 Jan	0.00635	0.000006	3.42	0.00000158	0.0000335	0.0000477	0.000176	0.00818	0.00000137	0.696	0.000513	0.958
2039 Feb	0.00635	0.000006	3.42	0.00000158	0.0000335	0.0000477	0.000176	0.00818	0.00000137	0.696	0.000513	0.958
2039 Mar	0.00635	0.00000601	3.42	0.00000158	0.0000335	0.0000477	0.000177	0.00818	0.00000137	0.696	0.000513	0.958
2039 Apr	0.00637	0.00000602	3.43	0.00000159	0.0000336	0.0000479	0.000177	0.00821	0.00000138	0.698	0.000515	0.96
2039 May	0.00643	0.00000609	3.46	0.00000161	0.0000339	0.0000483	0.000179	0.00829	0.00000139	0.705	0.00052	0.97

Constituents	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	0.00903	0.000267	0.642	0.00112	0.0015	0.0000369	0.0000845	0.000031	0.0225	0.00000298	0.0000467	0.000226	0.000935
2030 Aug	0.00915	0.00027	0.652	0.00113	0.00152	0.0000349	0.0000855	0.0000314	0.0228	0.00000304	0.0000473	0.000229	0.000951
2030 Sep	0.00864	0.000253	0.614	0.00105	0.00141	0.0000289	0.0000807	0.0000301	0.0216	0.00000296	0.0000447	0.000219	0.000917
2030 Oct	0.00846	0.000246	0.597	0.00102	0.00136	0.0000355	0.0000793	0.0000298	0.0211	0.00000292	0.0000437	0.000215	0.000917
2030 Nov	0.00841	0.000245	0.591	0.00101	0.00134	0.0000408	0.0000791	0.0000297	0.021	0.00000291	0.0000434	0.000214	0.000921
2030 Dec	0.00841	0.000244	0.591	0.00101	0.00134	0.0000408	0.0000791	0.0000297	0.021	0.00000291	0.0000434	0.000214	0.000921
2031 Jan	0.00841	0.000244	0.591	0.00101	0.00134	0.0000409	0.0000791	0.0000297	0.021	0.00000291	0.0000434	0.000214	0.000921
2031 Feb	0.00841	0.000244	0.591	0.00101	0.00134	0.0000409	0.0000791	0.0000297	0.021	0.00000291	0.0000434	0.000214	0.000921
2031 Mar	0.00841	0.000244	0.591	0.00101	0.00134	0.0000409	0.0000791	0.0000297	0.021	0.00000291	0.0000434	0.000214	0.000921
2031 Apr	0.00843	0.000245	0.593	0.00101	0.00135	0.0000411	0.0000793	0.0000297	0.021	0.00000292	0.0000435	0.000215	0.000924
2031 May	0.00851	0.000247	0.599	0.00102	0.00136	0.0000418	0.0000801	0.00003	0.0212	0.00000295	0.0000439	0.000217	0.000934
2031 Jun	0.00808	0.000234	0.605	0.000978	0.00136	0.0000425	0.0000762	0.0000291	0.0212	0.00000286	0.0000418	0.000206	0.000906
2031 Jul	0.00843	0.000243	0.639	0.00102	0.00146	0.0000358	0.0000784	0.0000301	0.0224	0.00000292	0.0000434	0.000211	0.000917
2031 Aug	0.00855	0.000245	0.648	0.00103	0.00148	0.0000339	0.0000793	0.0000306	0.0227	0.00000299	0.0000439	0.000215	0.000933
2031 Sep	0.0081	0.000231	0.611	0.000962	0.00138	0.0000281	0.0000751	0.0000294	0.0215	0.00000291	0.0000416	0.000206	0.000901
2031 Oct	0.00793	0.000225	0.594	0.000929	0.00132	0.0000347	0.0000739	0.0000291	0.021	0.00000288	0.0000407	0.000203	0.000901
2031 Nov	0.00788	0.000223	0.589	0.00092	0.00131	0.0000401	0.0000737	0.000029	0.0209	0.00000287	0.0000405	0.000202	0.000905
2031 Dec	0.00788	0.000223	0.589	0.00092	0.00131	0.0000402	0.0000737	0.000029	0.0209	0.00000287	0.0000405	0.000202	0.000905
2032 Jan	0.00788	0.000223	0.589	0.00092	0.00131	0.0000402	0.0000737	0.000029	0.0209	0.00000287	0.0000405	0.000202	0.000905
2032 Feb	0.00788	0.000223	0.589	0.00092	0.00131	0.0000402	0.0000737	0.000029	0.0209	0.00000287	0.0000405	0.000202	0.000906
2032 Mar	0.00788	0.000223	0.589	0.00092	0.00131	0.0000402	0.0000737	0.000029	0.0209	0.00000287	0.0000405	0.000202	0.000906
2032 Apr	0.0079	0.000224	0.59	0.000922	0.00131	0.0000404	0.0000739	0.000029	0.0209	0.00000288	0.0000406	0.000202	0.000908
2032 May	0.00798	0.000226	0.596	0.00093	0.00133	0.0000411	0.0000746	0.0000293	0.0211	0.00000291	0.0000409	0.000204	0.000918
2032 Jun	0.00759	0.000214	0.602	0.000899	0.00133	0.0000419	0.0000712	0.0000284	0.0211	0.00000281	0.000039	0.000195	0.000891
2032 Jul	0.00792	0.000223	0.637	0.000938	0.00143	0.0000353	0.0000732	0.0000295	0.0224	0.00000288	0.0000405	0.000199	0.000902
2032 Aug	0.00802	0.000224	0.644	0.000947	0.00144	0.0000331	0.0000739	0.0000299	0.0226	0.00000294	0.0000409	0.000202	0.000916
2032 Sep	0.00762	0.000211	0.607	0.000883	0.00134	0.0000274	0.0000701	0.0000287	0.0214	0.00000286	0.0000389	0.000195	0.000885
2032 Oct	0.00748	0.000206	0.59	0.000853	0.00129	0.0000348	0.0000691	0.0000284	0.0209	0.00000284	0.0000381	0.000192	0.000887
2032 Nov	0.00744	0.000205	0.585	0.000845	0.00127	0.0000404	0.000069	0.0000284	0.0208	0.00000283	0.0000379	0.000191	0.000892
2032 Dec	0.00744	0.000205	0.585	0.000845	0.00127	0.0000405	0.000069	0.0000283	0.0208	0.00000283	0.0000379	0.000191	0.000892
2033 Jan	0.00744	0.000205	0.585	0.000845	0.00127	0.0000405	0.000069	0.0000283	0.0208	0.00000283	0.0000379	0.000191	0.000892
2033 Feb	0.00744	0.000205	0.585	0.000845	0.00127	0.0000406	0.000069	0.0000283	0.0208	0.00000283	0.0000379	0.000191	0.000892
2033 Mar	0.00744	0.000205	0.585	0.000845	0.00127	0.0000406	0.000069	0.0000284	0.0208	0.00000283	0.0000379	0.000191	0.000892
2033 Apr	0.00746	0.000205	0.586	0.000848	0.00128	0.0000408	0.0000692	0.0000284	0.0209	0.00000284	0.000038	0.000191	0.000895
2033 May	0.00753	0.000207	0.592	0.000855	0.00129	0.0000416	0.0000699	0.0000287	0.0211	0.00000286	0.0000384	0.000193	0.000905
2033 Jun	0.0072	0.000197	0.6	0.000832	0.00131	0.0000417	0.000067	0.0000279	0.0211	0.00000278	0.0000368	0.000185	0.000878
2033 Jul	0.00752	0.000206	0.635	0.00087	0.0014	0.0000349	0.0000689	0.000029	0.0223	0.00000284	0.0000382	0.000189	0.000889
2033 Aug	0.00764	0.000208	0.644	0.000881	0.00142	0.000033	0.0000698	0.0000294	0.0226	0.00000291	0.0000387	0.000193	0.000905
2033 Sep	0.00724	0.000195	0.607	0.000821	0.00132	0.0000272	0.0000662	0.0000283	0.0214	0.00000283	0.0000368	0.000185	0.000875
2033 Oct	0.00709	0.000191	0.589	0.000791	0.00127	0.0000347	0.0000652	0.0000279	0.0209	0.00000281	0.000036	0.000183	0.000876
2033 Nov	0.00706	0.000189	0.584	0.000783	0.00125	0.0000404	0.0000651	0.0000279	0.0208	0.0000028	0.0000358	0.000182	0.000882
2033 Dec	0.00705	0.000189	0.584	0.000783	0.00125	0.0000405	0.0000651	0.0000279	0.0208	0.0000028	0.0000358	0.000182	0.000882
2034 Jan	0.00705	0.000189	0.584	0.000783	0.00125	0.0000405	0.0000651	0.0000278	0.0208	0.0000028	0.0000358	0.000182	0.000882
2034 Feb	0.00705	0.000189	0.584	0.000783	0.00125	0.0000406	0.0000651	0.0000279	0.0208	0.0000028	0.0000358	0.000182	0.000882
2034 Mar	0.00706	0.000189	0.584	0.000783	0.00125	0.0000406	0.0000651	0.0000279	0.0208	0.0000028	0.0000358	0.000182	0.000882
2034 Apr	0.00707	0.00019	0.585	0.000785	0.00125	0.0000408	0.0000653	0.0000279	0.0208	0.00000281	0.0000359	0.000182	0.000885
2034 May	0.00714	0.000191	0.591	0.000793	0.00127	0.0000416	0.000066	0.0000282	0.021	0.00000283	0.0000362	0.000184	0.000894
2034 Jun	0.00682	0.000182	0.598	0.000773	0.00128	0.0000416	0.0000632	0.0000274	0.021	0.00000275	0.0000347	0.000176	0.000868
2034 Jul	0.00713	0.00019	0.632	0.000808	0.00137	0.0000346	0.000065	0.0000284	0.0222	0.00000281	0.0000361	0.00018	0.000877
2034 Aug	0.00723	0.000192	0.639	0.000817	0.00139	0.0000325	0.0000657	0.0000288	0.0225	0.00000287	0.0000365	0.000183	0.000892
2034 Sep	0.00689	0.000181	0.602	0.000763	0.00129	0.0000267	0.0000625	0.0000277	0.0213	0.0000028	0.0000347	0.000177	0.000863
2034 Oct	0.00677	0.000177	0.586	0.000736	0.00124	0.0000343	0.0000617	0.0000275	0.0208	0.00000277	0.0000341	0.000174	0.000865
2034 Nov	0.00673	0.000176	0.581	0.000729	0.00122	0.0000399	0.0000617	0.0000274	0.0207	0.00000277	0.0000339	0.000174	0.000871
2034 Dec	0.00673	0.000176	0.581	0.000729	0.00122	0.00004	0.0000617	0.0000274	0.0207	0.00000277	0.0000339	0.000174	0.000871
2035 Jan	0.00673	0.000176	0.581	0.000729	0.00122	0.0000401	0.0000617	0.0000274	0.0207	0.00000277	0.0000339	0.000174	0.000871
2035 Feb	0.00673	0.000176	0.581	0.000729	0.00122	0.0000401	0.0000617	0.0000274	0.0207	0.00000277	0.0000339	0.000174	0.000871
2035 Mar	0.00674	0.000176	0.581	0.000729	0.00122	0.0000401	0.0000617	0.0000274	0.0207	0.00000277	0.0000339	0.000174	0.000871
2035 Apr	0.00675	0.000176	0.582	0.000731	0.00123	0.0000403	0.0000619	0.0000275	0.0208	0.00000277	0.000034	0.000174	0.000874
2035 May	0.00682	0.000178	0.588	0.000738	0.00124	0.0000412	0.0000625	0.0000278	0.021	0.0000028	0.0000344	0.000176	0.000884
2035 Jun	0.00653	0.00017	0.596	0.000723	0.00126	0.0000409	0.0000601	0.000027	0.021	0.00000272	0.000033	0.000169	0.000858
2035 Jul	0.00684	0.000178	0.63	0.000758	0.00135	0.0000344	0.0000619	0.000028	0.0222	0.00000279	0.0000344	0.000173	0.000869
2035 Aug	0.00693	0.000179	0.637	0.000767	0.00136	0.0000322	0.0000626	0.0000284	0.0224	0.00000285	0.0000348	0.000176	0.000884
2035 Sep	0.00658	0.000169	0.601	0.000715	0.00127	0.0000265	0.0000595	0.0000273	0.0212	0.00000278	0.0000331	0.00017	0.000856
2035 Oct	0.00646	0.000165	0.583	0.000689	0.00122	0.0000348	0.0000588	0.0000271	0.0207	0.00000275	0.0000324	0.000168	0.000859
2035 Nov	0.00643	0.000164	0.578	0.000682	0.0012	0.0000409	0.0000588	0.000027	0.0206	0.00000274	0.0000323	0.000167	0.000865
2035 Dec	0.00643	0.000164	0.578	0.000682	0.0012	0.0000409	0.0000588	0.000027	0.0206	0.00000274	0.0000323	0.000167	0.000865
2036 Jan	0.00643	0.000164	0.578	0.000682	0.0012	0.000041	0.0000588	0.000027	0.0206	0.00000274	0.0000323	0.000167	0.000865
2036 Feb	0.00643	0.000164	0.578	0.000682	0.0012	0.000041	0.0000588	0.000027	0.0206	0.00000274	0.0000323	0.000167	0.000865
2036 Mar	0.00643	0.000164	0.578	0.000682	0.0012	0.000041	0.0000588	0.000027	0.0206	0.00000274	0.0000323	0.000167	0.000865
2036 Apr	0.00645	0.000164	0.58	0.000684	0.00121	0.0000412	0.0000589	0.0000271	0.0207	0.00000275	0.0000324	0.000167	0.000868
2036 May	0.00651	0.000166	0.585	0.00069	0.00122	0.0000422	0.0000595	0.0000273	0.0209	0.00000278	0.0000327	0.000169	0.000878
2036 Jun	0.00625	0.000159	0.594	0.00068	0.00124	0.0000416	0.0000574	0.0000266	0.0209	0.0000027	0.0000315	0.000162	0.000852
2036 Jul	0.00656	0.000167	0.628	0.000714	0.00133	0.0000348	0.0000591	0.0000276	0.0221	0.00000276	0.0000328	0.000167	0.000862
2036 Aug	0.00666	0.000168	0.636	0.000723	0.00134	0.0000327	0.0000598	0.0000281	0.0224	0.00000283	0.0000333	0.00017	0.000877
2036 Sep	0.00634	0.000159	0.599	0.000674	0.00125	0.0000266	0.0000569	0.000027	0.0212	0.00000276	0.0000317	0.000164	0.000848
2036 Oct	0.00623	0.000155	0.581	0.00065	0.0012	0.0000349	0.0000563	0.0000267	0.0207	0.00000273	0.0000311	0.000162	0.000851
2036 Nov	0.0062	0.000154	0.576	0.000643	0.00118	0.000041	0.0000563	0.0000267	0.0206	0.00000272	0.000031	0.000161	0.000857
2036 Dec	0.0062	0.000154	0.576	0.000643	0.00118	0.0000411	0.0000563	0.0000267	0.0206	0.00000272	0.000031	0.000161	0.000857
2037 Jan	0.0062	0.000154	0.576	0.000643	0.00118	0.0000411	0.0000563	0.0000267	0.0206	0.00000272	0.000031	0.000161	0.000857
2037 Feb	0.0062	0.000154	0.576	0.000643	0.00118	0.0000411	0.0000563	0.0000267	0.0206	0.00000272	0.000031	0.000161	0.000857
2037 Mar	0.0062	0.000154	0.576	0.000643	0.00118	0.0000412	0.0000564	0.0000267	0.0206	0.00000272	0.000031	0.000161	0.000858
2037 Apr	0.00622	0.000155	0.578	0.000645	0.00119	0.0000414	0.0000565	0.0000267	0.0206	0.00000273	0.000031	0.000162	0.00086
2037 May	0.00627	0.000156	0.583	0.000651	0.0012	0.0000423	0.0000571	0.000027	0.0208	0.00000276	0.0000313	0.000163	0.00087
2037 Jun	0.00605	0.000151	0.593	0.000645	0.00122	0.0000417	0.0000552	0.0000263	0.0209	0.00000268	0.0000303	0.000157	0.000845
2037 Jul	0.00635	0.000158	0.627	0.000678	0.00132	0.0000347	0.0000569	0.0000274	0.0221	0.00000274	0.0000316	0.000161	0.000855
2037 Aug	0.00644	0.000159	0.634	0.000686	0.00133	0.0000324	0.0000575	0.0000278	0.0224	0.0000028	0.000032	0.000164	0.00087
2037 Sep	0.00613	0.00015	0.598	0.00064	0.00124	0.0000265	0.0000548	0.0000267	0.0211	0.00000274	0.0000305	0.000159	0.000842
2037 Oct	0.00602	0.000147	0.58	0.000617	0.00119	0.0000347	0.0000543	0.0000265	0.0207	0.00000271	0.00003	0.000157	0.000846
2037 Nov	0.006	0.000146	0.575	0.000611	0.00117	0.0000408	0.0000543	0.0000264	0.0205	0.0000027	0.0000298	0.000156	0.000852
2037 Dec	0.006	0.000146	0.575	0.000611	0.00117	0.0000409	0.0000543	0.0000264	0.0205	0.0000027	0.0000298	0.000156	0.000852
2038 Jan	0.006	0.000146	0.575	0.00061	0.00117	0.0000409	0.0000543	0.0000264	0.0205	0.0000027	0.0000298	0.000156	0.000852
2038 Feb	0.006	0.000146	0.575	0.00061	0.00117	0.0000409	0.0000543	0.0000264	0.0205	0.0000027	0.0000298	0.000156	0.000852
2038 Mar	0.006	0.000146	0.575	0.000611	0.00117	0.0000409	0.0000543	0.0000264	0.0205	0.0000027	0.0000298	0.000157	0.000852
2038 Apr	0.00601	0.000147	0.577	0.000612	0.00118	0.0000412	0.0000545	0.0000265	0.0206	0.00000271	0.0000299	0.000157	0.000855
2038 May	0.00607	0.000148	0.582	0.000618	0.00119	0.0000422	0.000055	0.0000267	0.0208	0.00000274	0.0000302	0.000159	0.000865
2038 Jun	0.00585	0.000143	0.591	0.000615	0.00121	0.0000413	0.0000532	0.000026	0.0208	0.00000266	0.0000292	0.000153	0.000839
2038 Jul	0.00614	0.00015	0.625	0.000647	0.0013	0.0000348	0.0000549	0.0000271	0.022	0.00000273	0.0000305	0.000157	0.000852
2038 Aug	0.00626	0.000152	0.635	0.000658	0.00132	0.0000329	0.0000558	0.0000276	0.0224	0.0000028	0.000031	0.00016	0.000869
2038 Sep	0.00594	0.000143	0.598	0.000613	0.00123	0.0000268	0.0000531	0.0000265	0.0211	0.00000273	0.0000295	0.000155	0.00084
2038 Oct	0.00583	0.00014	0.58	0.000589	0.00118	0.0000355	0.0000525	0.0000262	0.0206	0.0000027	0.0000289	0.000153	0.000843
2038 Nov	0.00579	0.000139	0.575	0.000583	0.00116	0.0000419	0.0000525	0.0000261	0.0205	0.00000269	0.0000288	0.000153	0.00085
2038 Dec	0.00579	0.000139	0.575	0.000583	0.00116	0.000042	0.0000525	0.0000261	0.0205	0.00000269	0.0000288	0.000153	0.00085
2039 Jan	0.00579	0.000139	0.574	0.000583	0.00116	0.000042	0.0000525	0.0000261	0.0205	0.00000269	0.0000288	0.000153	0.00085
2039 Feb	0.00579	0.000139	0.574	0.000583	0.00116	0.0000421	0.0000525	0.0000261	0.0205	0.00000269	0.0000288	0.000153	0.00085
2039 Mar	0.00579	0.000139	0.575	0.000583	0.00116	0.0000421	0.0000525	0.0000261	0.0205	0.00000269	0.0000288	0.000153	0.00085
2039 Apr	0.00581	0.000139	0.576	0.000584	0.00116	0.0000423	0.0000527	0.0000262	0.0205	0.0000027	0.0000289	0.000153	0.000853
2039 May	0.00586	0.00014	0.582	0.00059	0.00118	0.0000433	0.0000532	0.0000264	0.0207	0.00000273	0.0000291	0.000155	0.000863

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	24.1	0.0134	0.0513	0.00127	4.95	0.0196	3.01	0.00000264	0.00192	0.000287	0.00267	0.00653	0.00000587	3.47	0.00000156	0.0000329	0.0000472	0.000174	0.00743	0.00000135	0.713	0.000511	0.982	0.00567	0.000136	0.59	0.000589	0.0012	0.0000417	0.0000515	0.0000258	0.0208	0.00000265	0.0000283	0.000149	0.000836
2039 Jul	25.6	0.0142	0.0544	0.00132	5.26	0.0206	3.17	0.00000271	0.00186	0.0003	0.00274	0.00694	0.00000602	3.66	0.00000155	0.0000339	0.0000496	0.000179	0.00754	0.00000138	0.755	0.000534	1.04	0.00597	0.000143	0.624	0.00062	0.00129	0.0000348	0.0000532	0.0000268	0.022	0.00000272	0.0000295	0.000153	0.000846
2039 Aug	25.9	0.0143	0.0552	0.00134	5.35	0.0209	3.21	0.00000278	0.00194	0.000304	0.00281	0.00705	0.00000616	3.72	0.00000157	0.0000346	0.0000509	0.000182	0.00782	0.00000142	0.766	0.000544	1.06	0.00608	0.000145	0.634	0.000631	0.00131	0.0000328	0.000054	0.0000273	0.0223	0.00000278	0.0000301	0.000156	0.000863
2039 Sep	24.4	0.0133	0.0519	0.00127	5.05	0.0197	3.01	0.00000271	0.00201	0.000287	0.00274	0.00661	0.00000597	3.52	0.0000015	0.0000335	0.0000482	0.000175	0.00794	0.00000138	0.721	0.000522	0.99	0.00579	0.000137	0.596	0.000587	0.00122	0.0000265	0.0000515	0.0000263	0.0211	0.00000271	0.0000287	0.000152	0.000834
2039 Oct	23.8	0.0128	0.0508	0.00124	4.92	0.0192	2.93	0.00000268	0.0021	0.000279	0.00271	0.00639	0.0000059	3.43	0.00000154	0.0000331	0.0000472	0.000175	0.00805	0.00000137	0.7	0.000514	0.961	0.00569	0.000134	0.578	0.000565	0.00116	0.0000355	0.000051	0.000026	0.0206	0.00000269	0.0000281	0.00015	0.000838
2039 Nov	23.6	0.0127	0.0505	0.00123	4.89	0.0191	2.91	0.00000267	0.00214	0.000277	0.0027	0.00633	0.00000588	3.4	0.00000157	0.000033	0.0000471	0.000175	0.00808	0.00000136	0.695	0.000512	0.952	0.00567	0.000133	0.573	0.000559	0.00114	0.0000421	0.0000511	0.0000259	0.0204	0.00000268	0.000028	0.000149	0.000845
2039 Dec	23.6	0.0127	0.0505	0.00123	4.88	0.0191	2.91	0.00000267	0.00214	0.000277	0.0027	0.00633	0.00000588	3.4	0.00000157	0.000033	0.0000471	0.000175	0.00808	0.00000136	0.694	0.000512	0.952	0.00567	0.000133	0.573	0.000558	0.00114	0.0000422	0.0000511	0.0000259	0.0204	0.00000268	0.000028	0.000149	0.000845
2040 Jan	23.6	0.0127	0.0505	0.00123	4.88	0.0191	2.91	0.00000267	0.00214	0.000277	0.0027	0.00633	0.00000588	3.4	0.00000157	0.000033	0.0000471	0.000175	0.00808	0.00000136	0.694	0.000512	0.952	0.00567	0.000133	0.572	0.000558	0.00114	0.0000423	0.0000511	0.0000259	0.0204	0.00000268	0.000028	0.000149	0.000845
2040 Feb	23.6	0.0127	0.0505	0.00123	4.88	0.0191	2.91	0.00000267	0.00214	0.000277	0.0027	0.00633	0.00000588	3.4	0.00000157	0.000033	0.0000471	0.000175	0.00808	0.00000136	0.694	0.000512	0.952	0.00567	0.000133	0.572	0.000558	0.00114	0.0000423	0.0000511	0.0000259	0.0204	0.00000268	0.000028	0.000149	0.000845
2040 Mar	23.6	0.0127	0.0505	0.00123	4.89	0.0191	2.91	0.00000267	0.00214	0.000277	0.0027	0.00633	0.00000588	3.4	0.00000157	0.000033	0.0000472	0.000175	0.00808	0.00000136	0.695	0.000512	0.952	0.00567	0.000133	0.573	0.000559	0.00114	0.0000423	0.0000511	0.0000259	0.0204	0.00000268	0.000028	0.000149	0.000846
2040 Apr	23.7	0.0127	0.0506	0.00124	4.9	0.0192	2.92	0.00000268	0.00215	0.000278	0.00271	0.00634	0.0000059	3.41	0.00000158	0.0000331	0.0000473	0.000176	0.00811	0.00000137	0.697	0.000514	0.955	0.00568	0.000133	0.574	0.00056	0.00115	0.0000425	0.0000513	0.000026	0.0205	0.00000269	0.0000281	0.00015	0.000848
2040 May	23.9	0.0128	0.0511	0.00125	4.94	0.0194	2.95	0.00000271	0.00217	0.000281	0.00274	0.0064	0.00000596	3.45	0.0000016	0.0000334	0.0000478	0.000178	0.00819	0.00000138	0.703	0.000519	0.964	0.00574	0.000135	0.58	0.000566	0.00117	0.0000435	0.0000518	0.0000263	0.0207	0.00000272	0.0000284	0.000151	0.000858
2040 Jun	24.2	0.0128	0.0507	0.00121	4.96	0.0195	2.98	0.00000263	0.0019	0.000272	0.00265	0.00653	0.00000575	3.46	0.00000155	0.0000324	0.0000468	0.000173	0.00732	0.00000134	0.713	0.000511	0.98	0.00556	0.000131	0.59	0.000568	0.00119	0.0000417	0.0000503	0.0000257	0.0208	0.00000263	0.0000276	0.000146	0.000832
2040 Jul	25.7	0.0136	0.0538	0.00127	5.28	0.0205	3.14	0.0000027	0.00185	0.000285	0.00273	0.00694	0.00000592	3.66	0.00000155	0.0000335	0.0000492	0.000178	0.00743	0.00000138	0.756	0.000534	1.04	0.00585	0.000138	0.625	0.000599	0.00128	0.0000352	0.0000519	0.0000267	0.022	0.00000271	0.0000289	0.00015	0.000844
2040 Aug	26	0.0137	0.0545	0.00128	5.37	0.0209	3.18	0.00000277	0.00193	0.000289	0.00279	0.00705	0.00000605	3.72	0.00000157	0.0000342	0.0000504	0.000181	0.0077	0.00000141	0.767	0.000544	1.05	0.00596	0.00014	0.634	0.000609	0.0013	0.0000332	0.0000527	0.0000272	0.0224	0.00000277	0.0000293	0.000153	0.000861
2040 Sep	24.5	0.0127	0.0511	0.00121	5.06	0.0197	2.99	0.0000027	0.00199	0.000272	0.00272	0.00661	0.00000587	3.51	0.0000015	0.000033	0.0000476	0.000174	0.00781	0.00000137	0.721	0.000521	0.988	0.00566	0.000132	0.596	0.000566	0.00121	0.0000267	0.0000502	0.0000261	0.0211	0.0000027	0.0000279	0.000149	0.000831
2040 Oct	23.9	0.0123	0.05	0.00118	4.93	0.0192	2.91	0.00000267	0.00208	0.000265	0.00269	0.00639	0.0000058	3.42	0.00000153	0.0000326	0.0000467	0.000174	0.00792	0.00000136	0.7	0.000513	0.958	0.00556	0.000129	0.577	0.000544	0.00116	0.0000352	0.0000497	0.0000258	0.0206	0.00000268	0.0000274	0.000147	0.000834
2040 Nov	23.7	0.0121	0.0497	0.00118	4.89	0.0191	2.89	0.00000266	0.00212	0.000264	0.00268	0.00632	0.00000578	3.4	0.00000156	0.0000325	0.0000466	0.000174	0.00795	0.00000135	0.695	0.000511	0.95	0.00554	0.000128	0.572	0.000538	0.00114	0.0000416	0.0000498	0.0000258	0.0204	0.00000267	0.0000273	0.000146	0.000841
2040 Dec	23.7	0.0121	0.0497	0.00118	4.89	0.0191	2.89	0.00000266	0.00212	0.000263	0.00269	0.00632	0.00000578	3.4	0.00000156	0.0000325	0.0000466	0.000174	0.00795	0.00000135	0.695	0.000511	0.95	0.00554	0.000128	0.572	0.000538	0.00114	0.0000417	0.0000498	0.0000258	0.0204	0.00000267	0.0000273	0.000146	0.000841
2041 Jan	23.7	0.0121	0.0497	0.00118	4.89	0.0191	2.89	0.00000266	0.00212	0.000263	0.00268	0.00632	0.00000578	3.4	0.00000156	0.0000325	0.0000466	0.000174	0.00795	0.00000135	0.695	0.000511	0.95	0.00554	0.000128	0.572	0.000538	0.00114	0.0000417	0.0000498	0.0000258	0.0204	0.00000267	0.0000273	0.000146	0.000841
2041 Feb	23.7	0.0121	0.0497	0.00118	4.89	0.0191	2.89	0.00000266	0.00212	0.000263	0.00269	0.00632	0.00000578	3.4	0.00000156	0.0000325	0.0000466	0.000174	0.00795	0.00000135	0.695	0.000511	0.95	0.00554	0.000128	0.572	0.000538	0.00114	0.0000418	0.0000498	0.0000258	0.0204	0.00000267	0.0000273	0.000146	0.000841
2041 Mar	23.7	0.0121	0.0497	0.00118	4.89	0.0191	2.89	0.00000266	0.00212	0.000264	0.00269	0.00632	0.00000578	3.4	0.00000156	0.0000325	0.0000466	0.000174	0.00795	0.00000135	0.695	0.000511	0.95	0.00554	0.000128	0.572	0.000538	0.00114	0.0000418	0.0000498	0.0000258	0.0204	0.00000267	0.0000273	0.000146	0.000841
2041 Apr	23.8	0.0122	0.0499	0.00118	4.91	0.0191	2.89	0.00000267	0.00213	0.000264	0.00269	0.00634	0.0000058	3.41	0.00000157	0.0000326	0.0000467	0.000175	0.00798	0.00000136	0.697	0.000513	0.953	0.00555	0.000128	0.574	0.00054	0.00114	0.000042	0.00005	0.0000259	0.0205	0.00000268	0.0000274	0.000147	0.000844
2041 May	24	0.0123	0.0503	0.00119	4.95	0.0193	2.92	0.0000027	0.00215	0.000267	0.00272	0.0064	0.00000586	3.44	0.00000159	0.0000329	0.0000472	0.000177	0.00805	0.00000137	0.703	0.000518	0.962	0.0056	0.00013	0.579	0.000545	0.00116	0.0000431	0.0000505	0.0000261	0.0207	0.00000271	0.0000277	0.000148	0.000854
2041 Jun	24.3	0.0123	0.05	0.00116	4.96	0.0195	2.96	0.00000262	0.00189	0.00026	0.00264	0.00651	0.00000566	3.45	0.00000154	0.000032	0.0000462	0.000172	0.00721	0.00000133	0.713	0.00051	0.977	0.00545	0.000127	0.589	0.00055	0.00118	0.0000414	0.0000491	0.0000255	0.0207	0.00000262	0.000027	0.000143	0.000828
2041 Jul	25.7	0.0131	0.0531	0.00122	5.28	0.0205	3.11	0.00000269	0.00184	0.000272	0.00271	0.00692	0.00000582	3.65	0.00000154	0.000033	0.0000486	0.000177	0.00732	0.00000137	0.755	0.000533	1.03	0.00574	0.000133	0.623	0.00058	0.00127	0.0000347	0.0000507	0.0000266	0.022	0.0000027	0.0000282	0.000147	0.00084
2041 Aug	26.1	0.0132	0.0538	0.00123	5.37	0.0208	3.15	0.00000276	0.00192	0.000276	0.00278	0.00703	0.00000595	3.71	0.00000156	0.0000337	0.0000499	0.00018	0.0076	0.0000014	0.766	0.000543	1.05	0.00585	0.000135	0.632	0.00059	0.00129	0.0000327	0.0000515	0.000027	0.0223	0.00000276	0.0000287	0.00015	0.000856
2041 Sep	24.5	0.0122	0.0506	0.00116	5.07	0.0196	2.96	0.00000269	0.00198	0.00026	0.00271	0.0066	0.00000578	3.5	0.00000149	0.0000327	0.0000473	0.000174	0.00773	0.00000136	0.721	0.000521	0.986	0.00557	0.000128	0.595	0.00055	0.0012	0.0000265	0.0000491	0.000026	0.0211	0.0000027	0.0000274	0.000146	0.000828
2041 Oct	23.9	0.0118	0.0494	0.00114	4.93	0.0191	2.88	0.00000266	0.00207	0.000254	0.00268	0.00638	0.00000571	3.41	0.00000153	0.0000322	0.0000463	0.000173	0.00784	0.00000135	0.699	0.000513	0.955	0.00546	0.000125	0.577	0.000528	0.00115	0.0000352	0.0000487	0.0000257	0.0205	0.00000267	0.0000269	0.000144	0.000832
2041 Nov	23.7	0.0116	0.0491	0.00113	4.89	0.019	2.86	0.00000266	0.00212	0.000252	0.00267	0.0063	0.00000569	3.38	0.00000156	0.0000321	0.0000463	0.000174	0.00787	0.00000135	0.694	0.00051	0.946	0.00544	0.000124	0.571	0.000522	0.00113	0.0000419	0.0000488	0.0000256	0.0204	0.00000266	0.0000267	0.000144	0.000839
2041 Dec	23.7	0.0116	0.0491	0.00113	4.89	0.019	2.86	0.00000266	0.00212	0.000252	0.00267	0.0063	0.00000569	3.38	0.00000156	0.0000321	0.0000463	0.000174	0.00787	0.00000135	0.693	0.00051	0.946	0.00544	0.000124	0.571	0.000522	0.00113	0.000042	0.0000488	0.0000256	0.0204	0.00000266	0.0000267	0.000144	0.000839
2042 Jan	23.7	0.0116	0.0491	0.00113	4.89	0.019	2.86	0.00000266	0.00212	0.000252	0.00267	0.0063	0.00000569	3.38	0.00000156	0.0000321	0.0000463	0.000174	0.00787	0.00000135	0.693	0.00051	0.946	0.00544	0.000124	0.571	0.000522	0.00113	0.0000421	0.0000488	0.0000256	0.0204	0.00000266	0.0000267	0.000144	0.000839
2042 Feb	23.7	0.0116	0.0491	0.00113	4.89	0.019	2.86	0.00000266	0.00212	0.000252	0.00267	0.0063	0.00000569	3.38	0.00000156	0.0000321	0.0000463	0.000174	0.00787	0.00000135	0.693	0.00051	0.946	0.00544	0.000124	0.571	0.000522	0.00113	0.0000421	0.0000488	0.0000256	0.0204	0.00000266	0.0000267	0.000144	0.000839
2042 Mar	23.7	0.0116	0.0491	0.00113	4.89	0.019	2.86	0.00000266	0.00212	0.000252	0.00267	0.0063	0.00000569	3.38	0.00000156	0.0000321	0.0000463	0.000174	0.00787	0.00000135	0.694	0.000511	0.946	0.00544	0.000124	0.571	0.000522	0.00113	0.0000421	0.0000488	0.0000256	0.0204	0.00000266	0.0000267	0.000144	0.000839
2042 Apr	23.8	0.0117	0.0492	0.00113	4.91	0.0191	2.87	0.00000266	0.00212	0.000253	0.00268	0.00632	0.00000571	3.39	0.00000157	0.0000322	0.0000464	0.000174	0.0079	0.00000135	0.696	0.000512	0.949	0.00545	0.000124	0.573	0.000523	0.00114	0.0000424	0.0000489	0.0000257	0.0204	0.00000267	0.0000268	0.000144	0.000842
2042 May	24	0.0118	0.0497	0.00115	4.95	0.0192	2.9	0.00000269	0.00215	0.000255	0.00271	0.00638	0.00000577	3.43	0.00000159	0.0000325	0.0000469	0.000176	0.00797	0.00000136	0.702	0.000517	0.958	0.00551	0.000125	0.578	0.000528	0.00115	0.0000435	0.0000495	0.000026	0.0206	0.0000027	0.0000271	0.000146	0.000852
2042 Jun	24.3	0.0119	0.0494	0.00112	4.96	0.0194	2.93	0.00000261	0.00188	0.000249	0.00263	0.0065	0.00000558	3.44	0.00000154	0.0000316	0.0000459	0.000172	0.00713	0.00000132	0.712	0.000509	0.974	0.00536	0.000123	0.588	0.000534	0.00118	0.0000419	0.0000482	0.0000254	0.0207	0.00000262	0.0000264	0.000141	0.000826
2042 Jul	25.7	0.0126	0.0525	0.00117	5.29	0.0204	3.09	0.00000269	0.00183	0.000261	0.0027	0.00691	0.00000573	3.64	0.00000154	0.0000326	0.0000483	0.000176	0.00724	0.00000136	0.754	0.000532	1.03	0.00564	0.000129	0.623	0.000564	0.00127	0.0000352	0.0000497	0.0000264	0.022	0.00000269	0.0000277	0.000145	0.000838
2042 Aug	26.1	0.0127	0.0532	0.00119	5.37	0.0207	3.13	0.00000275	0.00191	0.000265	0.00277	0.00702	0.00000587	3.7	0.00000156	0.0000334	0.0000495	0.00018	0.00751	0.00000139	0.766	0.000542	1.05	0.00575	0.000131	0.632	0.000574	0.00128	0.0000331	0.0000505	0.0000269	0.0223	0.00000275	0.0000281	0.000148	0.000854
2042 Sep	24.6	0.0118	0.05	0.00112	5.07	0.0196	2.94	0.00000268	0.00197	0.00025	0.0027	0.00659	0.00000571	3.49	0.00000149	0.0000323	0.0000469	0.000173	0.00763	0.00000136	0.72	0.00052	0.983	0.00547	0.000124	0.594	0.000535	0.0012	0.0000267	0.0000482	0.0000259	0.021	0.00000269	0.0000269	0.000144	0.000826
2042 Oct	24	0.0114	0.0491	0.0011	4.95	0.0191	2.87	0.00000266	0.00207	0.000244	0.00267	0.00638	0.00000565	3.41	0.00000152	0.0000319	0.000046	0.000173	0.00778	0.00000134	0.7	0.000513	0.954	0.0054	0.000122	0.577	0.000514	0.00114	0.0000358	0.0000479	0.0000257	0.0206	0.00000266	0.0000265	0.000142	0.00083
2042 Nov	23.9	0.0113	0.0493	0.0011	4.93	0.019	2.85	0.00000265	0.00213	0.000243	0.00266	0.00631	0.00000565	3.39	0.00000157	0.0000319	0.000046	0.000174	0.00786	0.00000134	0.696	0.000513	0.946	0.00542	0.000122	0.571	0.000509	0.00112	0.0000444	0.0000483	0.0000257	0.0205	0.00000265	0.0000265	0.000142	0.000839
2042 Dec	23.9	0.0113	0.0497	0.00111	4.94	0.019	2.86	0.00000265	0.00215	0.000244	0.00266	0.00632	0.00000567	3.4	0.00000158	0.0000319	0.0000461	0.000175	0.0079	0.00000134	0.697	0.000516	0.947	0.00547	0.000123	0.572	0.00051	0.00112	0.0000463	0.0000485	0.0000258	0.0206	0.00000265	0.0000267	0.000142	0.000842
2043 Jan	24	0.0114	0.0502	0.00112	4.96	0.019	2.87	0.00000265	0.00216	0.000245	0.00266	0.00633	0.00000571	3.41	0.00000159	0.0000319	0.0000463	0.000175	0.00795	0.00000134	0.7	0.000518	0.949	0.00552	0.000124	0.573	0.000511	0.00112	0.000048	0.0000488	0.000026	0.0207	0.00000265	0.0000269	0.000142	0.000844
2043 Feb	24.2	0.0115	0.0508	0.00113	4.99	0.019	2.88	0.00000265	0.00218	0.000247	0.00266	0.00635	0.00000577	3.43	0.0000016	0.000032	0.0000464	0.000176	0.008	0.00000134	0.702	0.000522	0.952	0.00559	0.000125	0.575	0.000513	0.00112	0.0000494	0.0000491	0.0000261	0.0208	0.00000265	0.0000271	0.000142	0.000846
2043 Mar	24.3	0.0116	0.0515	0.00114	5.02	0.019	2.89	0.00000265	0.0022	0.000249	0.00266	0.00637	0.00000586	3.45	0.00000161	0.0000321	0.0000466	0.000177	0.00806	0.00000134	0.706	0.000525	0.955	0.00566	0.000127	0.576	0.000515	0.00113	0.0000507	0.0000495	0.0000263	0.0209	0.00000265	0.0000274	0.000142	0.000848
2043 Apr	24.6	0.0117	0.0525	0.00116	5.08	0.0192	2.92	0.00000266	0.00222	0.000252	0.00268	0.00643	0.00000604	3.49	0.00000162	0.0000323	0.0000469	0.000178	0.00816	0.00000135	0.713	0.000532	0.963	0.00577	0.000129	0.581	0.000521	0.00115	0.0000523	0.0000501	0.0000266	0.0212	0.00000266	0.0000278	0.000143	0.000854
2043 May	25.1	0.012	0.054	0.00119	5.17	0.0194	2.97	0.00000269	0.00226	0.000258	0.00271	0.00653	0.00000635	3.55	0.00000165	0.0000328	0.0000476	0.000181	0.00832	0.00000136	0.725	0.000543	0.978	0.00593	0.000133	0.59	0.00053	0.00118	0.0000539	0.0000511	0.0000272	0.0216	0.00000269	0.0000285	0.000145	0.000865
2043 Jun	33.7	0.0191	0.0867	0.00174	6.95	0.022	3.88	0.0000027	0.0024	0.000577	0.00273	0.00832	0.0000686	4.64	0.00000162	0.0000372	0.0000551	0.000207	0.0101	0.00000142	0.936	0.000749	1.22	0.00987	0.000214	0.729	0.000754	0.00152	0.0000346	0.0000663	0.0000369	0.0294	0.00000271	0.0000455	0.000153	0.000847
2043 Jul	42.2	0.0266	0.118	0.00228	8.76	0.0249	4.82	0.00000288	0.00293	0.00102	0.00291	0.01	0.000162	5.77	0.00000174	0.0000435	0.0000661	0.000244	0.013	0.00000158	1.15	0.000976	1.46	0.0141	0.000298	0.865	0.00101	0.00183	0.0000257	0.0000842	0.0000481	0.0373	0.00000289	0.000065	0.000171	0.000891
2043 Aug	43.3	0.0286	0.122	0.00237	9.01	0.0252	4.99	0.00000295	0.00323	0.00124	0.00297	0.0102	0.000217	5.94	0.00000179	0.0000453	0.0000691	0.000254	0.014	0.00000165	1.17	0.00103	1.48	0.0153	0.000317	0.877	0.00109	0.00186	0.0000243	0.0000889	0.0000509	0.0385	0.00000296	0.0000712	0.000178	0.000912
2043 Sep	41.6	0.0302	0.118	0.00229	8.66	0.0239	4.92	0.00000292	0.00361	0.00162	0.00294	0.00967	0.00032	5.77	0.0000018	0.0000458	0.0000687	0.000256	0.0148	0.00000171	1.12	0.00106	1.41	0.016	0.000324	0.828	0.00115	0.00177	0.0000219	0.0000909	0.0000524	0.0373	0.00000293	0.0000775	0.00018	0.000906
2043 Oct	41.3	0.0323	0.117	0.00228	8.61	0.0237	5.03	0.00000294	0.0039	0.00195	0.00296	0.00951	0.00041	5.78	0.00000193	0.000047	0.0000709	0.000265	0.0153	0.00000178	1.12	0.0011	1.4	0.0169	0.000335	0.814	0.00123	0.00175	0.0000375	0.0000948	0.0000546	0.0373	0.00000295	0.0000839	0.000185	0.000937
2043 Nov	41.5	0.0337	0.118	0.00228	8.67	0.0239	5.13	0.00000295	0.00407	0.00215	0.00297	0.00952	0.000462	5.84	0.00000206	0.0000478	0.0000732	0.000273	0.0156	0.00000182	1.12	0.00113	1.41	0.0174	0.000343	0.815	0.00129	0.00176	0.0000535	0.0000979	0.0000561	0.0377	0.00000297	0.0000879	0.000188	0.000967
2043 Dec	42	0.0346	0.119	0.00231	8.77	0.0241	5.21	0.00000297	0.00416	0.00225	0.00298	0.0096	0.000487	5.92	0.0000021	0.0000484	0.0000745	0.000277	0.0158	0.00000184	1.13	0.00115	1.43	0.0179	0.000351	0.821	0.00133	0.00178	0.0000572	0.0000998	0.0000571	0.0382	0.00000298	0.0000904	0.00019	0.000977
2044 Jan	42.4	0.0354	0.12	0.00234	8.87	0.0243	5.28	0.00000298	0.00423	0.00233	0.00299	0.00968	0.000509	5.98	0.00000213	0.0000489	0.0000756	0.00028	0.016	0.00000186	1.15	0.00117	1.44	0.0182	0.000357	0.827	0.00136	0.0018	0.0000594	0.000101	0.0000581	0.0386	0.000003	0.0000927	0.000192	0.000985
2044 Feb	42.8	0.036	0.122	0.00236	8.94	0.0244	5.34	0.00000299	0.00428	0.00239	0.003	0.00974	0.000525	6.03	0.00000214	0.0000493	0.0000764	0.000283	0.0162	0.00000188	1.16	0.00118	1.45	0.0185	0.000362	0.832	0.00138	0.00182	0.0000605	0.000103	0.0000588	0.0389	0.000003	0.0000943	0.000193	0.00099
2044 Mar	43.1	0.0366	0.123	0.00237	9	0.0245	5.39	0.00000299	0.00432	0.00245	0.00301	0.0098	0.000539	6.08	0.00000216	0.0000497	0.0000771	0.000285	0.0163	0.00000189	1.16	0.0012	1.46	0.0188	0.000366	0.836	0.0014	0.00183	0.0000613	0.000104	0.0000595	0.0393	0.00000301	0.0000957	0.000195	0.000994
2044 Apr	43.5	0.0373	0.124	0.0024	9.1	0.0247	5.46	0.00000302	0.00438	0.00252	0.00303	0.00989	0.000556	6.15	0.00000218	0.0000502	0.0000781	0.000288	0.0165	0.00000191	1.18	0.00121	1.47	0.0191	0.000372	0.844	0.00143	0.00186	0.0000622	0.000105	0.0000603	0.0397	0.00000303	0.0000976	0.000197	0.001
2044 May	44.2	0.0381	0.126	0.00244	9.23	0.0251	5.55	0.00000306	0.00445	0.00259	0.00307	0.01	0.000574	6.25	0.00000222	0.000051	0.0000795	0.000293	0.0168	0.00000195	1.19	0.00124	1.5	0.0195	0.000379	0.856	0.00146	0.00191	0.0000631	0.000107	0.0000614	0.0403	0.00000308	0.0000997	0.0002	0.00102
2044 Jun	38.6	0.0377	0.0975	0.00194	8.05	0.0244	5.26	0.00000301	0.00402	0.00297	0.00301	0.0092	0.000696	5.63	0.00000205	0.0000494	0.0000776	0.000274	0.0143	0.00000203	1.08	0.00114	1.39	0.0177	0.000334	0.787	0.00151	0.00187	0.0000344	0.0000997	0.000057	0.0352	0.00000304	0.0001	0.0002	0.000974
2044 Jul	41.6	0.0442	0.105	0.00207	8.75	0.0262	5.85	0.0000032	0.00462	0.0037	0.00319	0.00988	0.000888	6.16	0.00000221	0.0000548	0.0000873	0.000302	0.0159	0.00000229	1.18	0.00129	1.5	0.0206	0.000381	0.838	0.00177	0.00204	0.000029	0.000113	0.0000649	0.0384	0.00000325	0.000121	0.000221	0.00104
2044 Aug	41.6	0.0451	0.104	0.00207	8.75	0.0263	5.9	0.00000327	0.00485	0.00384	0.00326	0.00986	0.000928	6.18	0.00000225	0.000056	0.0000892	0.000308	0.0164	0.00000236	1.18	0.00132	1.5	0.021	0.000386	0.835	0.00181	0.00204	0.0000287	0.000116	0.0000662	0.0385	0.00000332	0.000125	0.000226	0.00106
2044 Sep	37.8	0.0426	0.0934	0.00188	7.96	0.0243	5.49	0.00000318	0.00493	0.00376	0.00316	0.00893	0.000923	5.69	0.00000219	0.000054	0.0000839	0.000295	0.0161	0.00000232	1.08	0.00125	1.37	0.0199	0.000361	0.758	0.00172	0.00185	0.0000267	0.000111	0.0000631	0.0352	0.00000323	0.000121	0.00022	0.00103
2044 Oct	36.7	0.043	0.09	0.00182	7.75	0.0239	5.43	0.00000317	0.00512	0.00387	0.00315	0.00863	0.00096	5.57	0.00000228	0.0000542	0.0000838	0.000298	0.0162	0.00000235	1.05	0.00125	1.33	0.0199	0.000359	0.734	0.00173	0.00179	0.0000424	0.000112	0.0000633	0.0344	0.00000323	0.000123	0.000221	0.00105
2044 Nov	36.7	0.0437	0.0897	0.00182	7.75	0.024	5.48	0.00000318	0.00527	0.00397	0.00316	0.0086	0.000992	5.59	0.00000239	0.0000547	0.0000853	0.000304	0.0163	0.00000239	1.05	0.00126	1.33	0.0202	0.000363	0.731	0.00176	0.00178	0.0000584	0.000114	0.0000642	0.0345	0.00000324	0.000126	0.000223	0.00108
2044 Dec	37.1	0.0445	0.0908	0.00184	7.83	0.0242	5.55	0.00000319	0.00536	0.00406	0.00317	0.00867	0.00102	5.65	0.00000243	0.0000553	0.0000864	0.000308	0.0165	0.00000241	1.06	0.00128	1.34	0.0206	0.000369	0.736	0.00179	0.0018	0.0000621	0.000116	0.0000651	0.0349	0.00000325	0.000129	0.000225	0.00109
2045 Jan	37.4	0.0452	0.0918	0.00186	7.91	0.0243	5.62	0.0000032	0.00543	0.00414	0.00318	0.00873	0.00104	5.7	0.00000246	0.0000559	0.0000875	0.000311	0.0167	0.00000244	1.07	0.0013	1.35	0.0209	0.000375	0.741	0.00182	0.00182	0.0000643	0.000118	0.000066	0.0352	0.00000327	0.000131	0.000227	0.0011
2045 Feb	37.7	0.0458	0.0927	0.00187	7.97	0.0244	5.67	0.00000321	0.00549	0.0042	0.00319	0.00878	0.00106	5.75	0.00000248	0.0000563	0.0000883	0.000314	0.0168	0.00000246	1.08	0.00131	1.36	0.0212	0.00038	0.744	0.00184	0.00183	0.0000654	0.000119	0.0000667	0.0355	0.00000328	0.000133	0.000229	0.00111
2045 Mar	37.9	0.0463	0.0934	0.00189	8.02	0.0245	5.71	0.00000322	0.00554	0.00426	0.0032	0.00883	0.00107	5.79	0.0000025	0.0000567	0.0000889	0.000316	0.017	0.00000247	1.09	0.00132	1.37	0.0214	0.000384	0.748	0.00186	0.00184	0.0000663	0.00012	0.0000673	0.0358	0.00000329	0.000135	0.00023	0.00111
2045 Apr	38.3	0.047	0.0945	0.00191	8.1	0.0247	5.78	0.00000324	0.0056	0.00433	0.00322	0.00891	0.00109	5.85	0.00000252	0.0000573	0.00009	0.000319	0.0172	0.0000025	1.1	0.00134	1.38	0.0217	0.000389	0.754	0.00189	0.00188	0.0000671	0.000122	0.0000682	0.0361	0.00000331	0.000137	0.000233	0.00112
2045 May	38.9	0.0479	0.0959	0.00193	8.21	0.0251	5.87	0.00000329	0.00569	0.00441	0.00326	0.00904	0.00111	5.93	0.00000256	0.0000581	0.0000914	0.000324	0.0174	0.00000254	1.12	0.00136	1.4	0.0221	0.000396	0.765	0.00192	0.00192	0.0000681	0.000124	0.0000694	0.0367	0.00000336	0.000139	0.000236	0.00113
2045 Jun	35	0.0438	0.0777	0.0016	7.37	0.0244	5.44	0.00000316	0.00485	0.00406	0.00313	0.00853	0.00105	5.41	0.00000227	0.000054	0.0000849	0.000294	0.0146	0.00000243	1.03	0.00122	1.32	0.0193	0.000341	0.726	0.00179	0.00186	0.0000373	0.00011	0.000062	0.0327	0.00000323	0.000126	0.000223	0.00105
2045 Jul	38.3	0.0502	0.0863	0.00176	8.12	0.0263	6.03	0.00000335	0.00549	0.00471	0.00332	0.00927	0.00123	5.95	0.00000243	0.0000596	0.0000945	0.000323	0.0163	0.0000027	1.13	0.00138	1.44	0.0222	0.000389	0.781	0.00203	0.00204	0.0000322	0.000125	0.0000701	0.0361	0.00000344	0.000148	0.000244	0.00112
2045 Aug	38.2	0.0506	0.086	0.00176	8.11	0.0264	6.05	0.00000341	0.00572	0.00478	0.00337	0.00925	0.00125	5.96	0.00000247	0.0000608	0.0000958	0.000328	0.0168	0.00000276	1.14	0.00139	1.43	0.0224	0.000393	0.778	0.00205	0.00203	0.0000318	0.000127	0.0000711	0.0361	0.00000351	0.000151	0.000249	0.00114
2045 Sep	34.8	0.0468	0.0774	0.00161	7.39	0.0244	5.57	0.00000331	0.00572	0.00447	0.00326	0.0084	0.00118	5.47	0.00000237	0.0000583	0.0000889	0.000313	0.0163	0.00000268	1.04	0.0013	1.31	0.0209	0.000364	0.708	0.0019	0.00183	0.0000292	0.000121	0.000067	0.033	0.00000341	0.000145	0.000241	0.0011
2045 Oct	34	0.0465	0.0754	0.00158	7.23	0.024	5.5	0.00000329	0.00588	0.00446	0.00324	0.00816	0.00119	5.37	0.00000245	0.0000583	0.0000882	0.000315	0.0163	0.0000027	1.02	0.0013	1.27	0.0207	0.000361	0.688	0.00188	0.00178	0.000045	0.000122	0.000067	0.0324	0.0000034	0.000146	0.000241	0.00112
2045 Nov	34.1	0.047	0.0756	0.00158	7.25	0.0241	5.54	0.00000329	0.00602	0.00452	0.00325	0.00815	0.00121	5.39	0.00000256	0.0000587	0.0000895	0.00032	0.0164	0.00000272	1.03	0.00131	1.28	0.021	0.000365	0.687	0.0019	0.00177	0.0000611	0.000124	0.0000676	0.0326	0.00000341	0.000148	0.000242	0.00115
2045 Dec	34.4	0.0478	0.0767	0.0016	7.33	0.0243	5.61	0.00000331	0.00611	0.0046	0.00326	0.00821	0.00123	5.45	0.0000026	0.0000593	0.0000906	0.000324	0.0166	0.00000275	1.04	0.00133	1.29	0.0213	0.000371	0.692	0.00193	0.00179	0.0000648	0.000126	0.0000686	0.0329	0.00000342	0.000151	0.000245	0.00116
2046 Jan	34.8	0.0486	0.0778	0.00162	7.41	0.0245	5.67	0.00000332	0.00619	0.00468	0.00327	0.00828	0.00126	5.51	0.00000263	0.0000599	0.0000916	0.000327	0.0168	0.00000278	1.05	0.00134	1.3	0.0217	0.000376	0.697	0.00196	0.0018	0.000067	0.000127	0.0000695	0.0333	0.00000344	0.000153	0.000247	0.00117
2046 Feb	35.1	0.0491	0.0786	0.00163	7.47	0.0246	5.72	0.00000333	0.00625	0.00473	0.00328	0.00833	0.00127	5.55	0.00000265	0.0000603	0.0000924	0.00033	0.0169	0.0000028	1.06	0.00136	1.31	0.0219	0.000381	0.701	0.00198	0.00182	0.0000682	0.000129	0.0000702	0.0336	0.00000345	0.000155	0.000248	0.00117
2046 Mar	35.3	0.0497	0.0793	0.00165	7.52	0.0247	5.77	0.00000334	0.0063	0.00479	0.00329	0.00838	0.00129	5.59	0.00000267	0.0000607	0.0000931	0.000332	0.0171	0.00000282	1.06	0.00137	1.31	0.0222	0.000385	0.704	0.002	0.00183	0.000069	0.00013	0.0000709	0.0338	0.00000346	0.000157	0.000249	0.00118
2046 Apr	35.7	0.0504	0.0803	0.00167	7.6	0.0249	5.83	0.00000336	0.00637	0.00486	0.00331	0.00846	0.00131	5.65	0.00000269	0.0000613	0.0000941	0.000336	0.0172	0.00000285	1.07	0.00139	1.33	0.0225	0.00039	0.71	0.00203	0.00186	0.0000699	0.000131	0.0000718	0.0342	0.00000348	0.000159	0.000252	0.00119
2046 May	36.2	0.0513	0.0816	0.00169	7.71	0.0253	5.93	0.00000341	0.00647	0.00495	0.00335	0.00858	0.00133	5.73	0.00000273	0.0000623	0.0000955	0.000341	0.0175	0.00000289	1.09	0.00141	1.35	0.0229	0.000396	0.72	0.00206	0.00191	0.0000709	0.000134	0.0000729	0.0347	0.00000353	0.000162	0.000256	0.0012
2046 Jun	33.3	0.0457	0.0687	0.00145	7.03	0.0245	5.45	0.00000323	0.00534	0.00431	0.00319	0.00823	0.00118	5.27	0.00000237	0.0000565	0.0000872	0.000303	0.0146	0.00000265	1.02	0.00125	1.28	0.0197	0.000339	0.698	0.00185	0.00185	0.0000386	0.000116	0.0000641	0.0315	0.00000334	0.000141	0.000235	0.00109
2046 Jul	36.6	0.052	0.0777	0.00162	7.81	0.0264	6.03	0.00000342	0.00597	0.0049	0.00337	0.00899	0.00136	5.82	0.00000253	0.0000621	0.0000966	0.000332	0.0163	0.00000291	1.12	0.0014	1.4	0.0225	0.000386	0.755	0.00209	0.00202	0.0000335	0.00013	0.0000721	0.0349	0.00000355	0.000162	0.000256	0.00116
2046 Aug	36.6	0.0523	0.0778	0.00162	7.81	0.0264	6.04	0.00000347	0.00616	0.00495	0.00342	0.00897	0.00137	5.83	0.00000256	0.000063	0.0000978	0.000336	0.0167	0.00000296	1.12	0.00142	1.4	0.0228	0.000389	0.752	0.0021	0.00201	0.000033	0.000132	0.0000729	0.035	0.0000036	0.000164	0.00026	0.00117
2046 Sep	33.6	0.0485	0.0712	0.0015	7.18	0.0245	5.59	0.00000336	0.00607	0.00461	0.0033	0.00821	0.00129	5.39	0.00000245	0.00006	0.0000909	0.000319	0.0163	0.00000284	1.03	0.00133	1.28	0.0213	0.000362	0.689	0.00195	0.00183	0.0000303	0.000125	0.0000687	0.0322	0.00000348	0.000155	0.000249	0.00113
2046 Oct	33	0.0482	0.07	0.00148	7.04	0.0241	5.51	0.00000333	0.00617	0.00457	0.00328	0.00798	0.00129	5.29	0.00000252	0.0000597	0.00009	0.00032	0.0164	0.00000283	1.01	0.00132	1.25	0.0211	0.000358	0.672	0.00192	0.00177	0.0000459	0.000125	0.0000684	0.0317	0.00000346	0.000154	0.000247	0.00115
2046 Nov	33.1	0.0486	0.0704	0.00149	7.08	0.0242	5.55	0.00000333	0.00629	0.00462	0.00328	0.00798	0.00131	5.32	0.00000262	0.00006	0.0000912	0.000325	0.0165	0.00000285	1.02	0.00133	1.25	0.0213	0.000362	0.672	0.00194	0.00176	0.0000617	0.000127	0.000069	0.0319	0.00000346	0.000156	0.000249	0.00117
2046 Dec	33.5	0.0494	0.0715	0.00151	7.16	0.0244	5.62	0.00000335	0.00639	0.0047	0.00329	0.00805	0.00134	5.38	0.00000266	0.0000606	0.0000923	0.000329	0.0167	0.00000288	1.03	0.00135	1.26	0.0217	0.000367	0.677	0.00197	0.00178	0.0000654	0.000129	0.00007	0.0323	0.00000348	0.000159	0.000251	0.00118
2047 Jan	33.8	0.0502	0.0726	0.00153	7.23	0.0245	5.68	0.00000336	0.00647	0.00477	0.0033	0.00811	0.00136	5.43	0.00000269	0.0000612	0.0000934	0.000333	0.0168	0.0000029	1.04	0.00137	1.27	0.0221	0.000373	0.682	0.00199	0.0018	0.0000676	0.00013	0.0000709	0.0327	0.0000035	0.000162	0.000253	0.00119
2047 Feb	34.1	0.0508	0.0734	0.00154	7.29	0.0247	5.73	0.00000337	0.00653	0.00483	0.00331	0.00816	0.00138	5.48	0.00000271	0.0000617	0.0000942	0.000335	0.017	0.00000292	1.05	0.00138	1.28	0.0223	0.000377	0.685	0.00202	0.00181	0.0000687	0.000132	0.0000716	0.0329	0.00000351	0.000164	0.000254	0.0012
2047 Mar	34.3	0.0513	0.0741	0.00156	7.34	0.0248	5.78	0.00000338	0.00658	0.00488	0.00332	0.00821	0.00139	5.52	0.00000273	0.0000621	0.0000948	0.000337	0.0171	0.00000294	1.05	0.0014	1.29	0.0226	0.000381	0.689	0.00203	0.00182	0.0000695	0.000133	0.0000723	0.0332	0.00000352	0.000165	0.000256	0.0012
2047 Apr	34.7	0.052	0.0751	0.00158	7.42	0.025	5.84	0.0000034	0.00666	0.00495	0.00334	0.00829	0.00141	5.58	0.00000276	0.0000627	0.0000959	0.000341	0.0173	0.00000297	1.06	0.00141	1.3	0.0229	0.000386	0.695	0.00206	0.00185	0.0000704	0.000134	0.0000732	0.0336	0.00000354	0.000168	0.000258	0.00121
2047 May	35.2	0.0529	0.0764	0.0016	7.53	0.0253	5.94	0.00000345	0.00676	0.00504	0.00339	0.00841	0.00144	5.66	0.0000028	0.0000637	0.0000974	0.000346	0.0175	0.00000302	1.08	0.00144	1.32	0.0233	0.000393	0.705	0.0021	0.0019	0.0000714	0.000137	0.0000744	0.0341	0.00000359	0.000171	0.000262	0.00123
2047 Jun	32.5	0.0464	0.0648	0.00138	6.9	0.0246	5.42	0.00000326	0.00558	0.00427	0.00321	0.00811	0.00124	5.2	0.00000242	0.0000576	0.0000879	0.000307	0.0145	0.00000275	1.01	0.00126	1.26	0.0198	0.000334	0.687	0.00185	0.00184	0.000039	0.000119	0.0000649	0.0309	0.00000339	0.000147	0.00024	0.00111
2047 Jul	35.7	0.0521	0.0732	0.00154	7.62	0.0263	5.95	0.00000344	0.00612	0.00478	0.00338	0.00883	0.0014	5.7	0.00000256	0.0000625	0.0000966	0.000333	0.0161	0.00000298	1.11	0.0014	1.37	0.0223	0.000375	0.741	0.00206	0.002	0.000034	0.000131	0.0000721	0.0341	0.00000358	0.000165	0.000258	0.00117
2047 Aug	35.7	0.0525	0.0737	0.00155	7.64	0.0264	5.97	0.00000349	0.00628	0.00483	0.00343	0.00882	0.00142	5.73	0.00000259	0.0000632	0.0000979	0.000337	0.0165	0.00000302	1.11	0.00142	1.37	0.0227	0.000378	0.74	0.00208	0.00199	0.0000335	0.000132	0.0000729	0.0343	0.00000363	0.000167	0.000261	0.00118
2047 Sep	32.9	0.0487	0.0678	0.00145	7.04	0.0243	5.52	0.00000336	0.0061	0.00448	0.0033	0.00806	0.00133	5.3	0.00000245	0.0000598	0.0000909	0.000318	0.0162	0.00000286	1.02	0.00133	1.25	0.0212	0.000351	0.679	0.00192	0.00181	0.0000306	0.000123	0.0000683	0.0316	0.00000349	0.000155	0.000248	0.00113
2047 Oct	32.3	0.0483	0.067	0.00143	6.91	0.0239	5.44	0.00000333	0.00614	0.00444	0.00327	0.00784	0.00133	5.21	0.00000252	0.0000591	0.00009	0.000317	0.0162	0.00000283	0.995	0.00132	1.23	0.021	0.000347	0.662	0.00189	0.00175	0.0000457	0.000123	0.0000679	0.0312	0.00000345	0.000153	0.000246	0.00114
2047 Nov	32.5	0.0488	0.0677	0.00144	6.95	0.0239	5.48	0.00000333	0.00624	0.00449	0.00327	0.00784	0.00134	5.24	0.00000262	0.0000593	0.0000911	0.000322	0.0163	0.00000284	0.999	0.00133	1.23	0.0213	0.00035	0.663	0.00191	0.00175	0.0000612	0.000124	0.0000685	0.0314	0.00000345	0.000155	0.000246	0.00116
2047 Dec	32.9	0.0496	0.0688	0.00146	7.03	0.0241	5.55	0.00000334	0.00632	0.00456	0.00328	0.00791	0.00137	5.3	0.00000265	0.0000599	0.0000922	0.000325	0.0165	0.00000286	1.01	0.00135	1.24	0.0216	0.000356	0.668	0.00194	0.00176	0.0000648	0.000126	0.0000694	0.0318	0.00000346	0.000157	0.000248	0.00117
2048 Jan	33.2	0.0504	0.0699	0.00148	7.11	0.0243	5.61	0.00000335	0.0064	0.00463	0.00329	0.00797	0.00139	5.35	0.00000268	0.0000604	0.0000933	0.000329	0.0167	0.00000288	1.02	0.00137	1.25	0.022	0.000361	0.672	0.00196	0.00178	0.000067	0.000127	0.0000703	0.0322	0.00000347	0.00016	0.00025	0.00118
2048 Feb	33.5	0.051	0.0707	0.0015	7.17	0.0244	5.66	0.00000336	0.00645	0.00469	0.0033	0.00802	0.00141	5.4	0.0000027	0.0000608	0.000094	0.000331	0.0168	0.0000029	1.03	0.00138	1.26	0.0222	0.000365	0.676	0.00199	0.00179	0.0000681	0.000128	0.000071	0.0324	0.00000348	0.000161	0.000251	0.00119
2048 Mar	33.7	0.0516	0.0714	0.00151	7.22	0.0245	5.7	0.00000337	0.0065	0.00474	0.00331	0.00807	0.00143	5.44	0.00000272	0.0000612	0.0000948	0.000333	0.0169	0.00000292	1.03	0.00139	1.27	0.0225	0.000369	0.68	0.00201	0.0018	0.000069	0.00013	0.0000716	0.0327	0.00000349	0.000163	0.000253	0.00119
2048 Apr	34.1	0.0523	0.0724	0.00153	7.3	0.0247	5.77	0.00000339	0.00658	0.00481	0.00333	0.00815	0.00145	5.49	0.00000275	0.0000618	0.0000958	0.000337	0.0171	0.00000295	1.04	0.00141	1.28	0.0228	0.000374	0.686	0.00203	0.00183	0.0000699	0.000131	0.0000725	0.0331	0.00000352	0.000165	0.000255	0.0012

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	34.6	0.0532	0.0736	0.00155	7.4	0.025	5.86	0.00000343	0.00667	0.00489	0.00338	0.00826	0.00148	5.58	0.00000279	0.0000627	0.0000972	0.000342	0.0174	0.00000299	1.06	0.00143	1.3	0.0232	0.000381	0.696	0.00207	0.00188	0.0000709	0.000133	0.0000737	0.0336	0.00000356	0.000168	0.000259	0.00122
2048 Jun	32.4	0.0473	0.0642	0.00137	6.88	0.0244	5.41	0.00000325	0.00548	0.00419	0.0032	0.00805	0.00128	5.18	0.00000241	0.0000567	0.0000885	0.000304	0.0146	0.00000271	1	0.00127	1.26	0.0201	0.000328	0.684	0.00185	0.00183	0.000039	0.000116	0.0000648	0.0309	0.00000335	0.000145	0.000236	0.0011
2048 Jul	35.9	0.0538	0.0738	0.00155	7.68	0.0263	6	0.00000344	0.00616	0.00475	0.00338	0.00883	0.00147	5.75	0.00000258	0.0000624	0.0000982	0.000334	0.0163	0.00000299	1.11	0.00143	1.37	0.023	0.000375	0.742	0.00208	0.00201	0.0000341	0.00013	0.0000732	0.0345	0.00000357	0.000167	0.000257	0.00116
2048 Aug	35.7	0.0538	0.0736	0.00155	7.65	0.0262	5.98	0.00000349	0.00636	0.00476	0.00343	0.00877	0.00148	5.73	0.0000026	0.0000632	0.0000989	0.000337	0.0167	0.00000303	1.1	0.00144	1.36	0.0231	0.000376	0.736	0.00208	0.00199	0.0000335	0.000132	0.0000737	0.0344	0.00000362	0.000169	0.000261	0.00118
2048 Sep	32.6	0.0492	0.0669	0.00143	6.98	0.0242	5.48	0.00000336	0.00623	0.00436	0.0033	0.00797	0.00137	5.26	0.00000247	0.00006	0.0000911	0.000319	0.0163	0.00000289	1.01	0.00134	1.24	0.0214	0.000347	0.671	0.0019	0.00179	0.0000307	0.000124	0.0000689	0.0315	0.00000349	0.000158	0.000249	0.00113
2048 Oct	32.1	0.0489	0.0662	0.00141	6.87	0.0238	5.42	0.00000333	0.00633	0.00432	0.00328	0.00779	0.00136	5.18	0.00000255	0.0000597	0.0000902	0.00032	0.0163	0.00000288	0.995	0.00133	1.21	0.0212	0.000344	0.656	0.00187	0.00174	0.0000466	0.000124	0.0000687	0.0311	0.00000347	0.000158	0.000248	0.00115
2048 Nov	32.3	0.0495	0.0669	0.00143	6.93	0.024	5.47	0.00000334	0.00644	0.00436	0.00328	0.0078	0.00138	5.22	0.00000265	0.0000601	0.0000915	0.000325	0.0164	0.0000029	1	0.00135	1.22	0.0215	0.000348	0.658	0.00189	0.00174	0.0000626	0.000126	0.0000694	0.0314	0.00000347	0.00016	0.000249	0.00117
2048 Dec	32.7	0.0503	0.0681	0.00145	7.01	0.0242	5.54	0.00000335	0.00654	0.00444	0.00329	0.00788	0.00141	5.28	0.00000269	0.0000607	0.0000927	0.000329	0.0166	0.00000293	1.01	0.00137	1.23	0.0219	0.000354	0.664	0.00192	0.00176	0.0000661	0.000128	0.0000704	0.0318	0.00000349	0.000163	0.000251	0.00119
2049 Jan	33.1	0.0511	0.0692	0.00147	7.1	0.0244	5.6	0.00000337	0.00662	0.00451	0.0033	0.00795	0.00143	5.34	0.00000272	0.0000613	0.0000938	0.000333	0.0167	0.00000296	1.02	0.00138	1.24	0.0222	0.000359	0.669	0.00195	0.00177	0.0000682	0.00013	0.0000714	0.0321	0.00000351	0.000165	0.000253	0.00119
2049 Feb	33.3	0.0517	0.07	0.00148	7.15	0.0245	5.65	0.00000338	0.00668	0.00456	0.00331	0.008	0.00145	5.38	0.00000274	0.0000617	0.0000946	0.000335	0.0169	0.00000298	1.03	0.0014	1.25	0.0225	0.000363	0.673	0.00197	0.00179	0.0000692	0.000131	0.0000721	0.0324	0.00000352	0.000167	0.000255	0.0012
2049 Mar	33.6	0.0522	0.0707	0.0015	7.21	0.0246	5.7	0.00000339	0.00674	0.00461	0.00332	0.00805	0.00147	5.42	0.00000276	0.0000621	0.0000953	0.000337	0.017	0.000003	1.04	0.00141	1.26	0.0227	0.000367	0.676	0.00199	0.0018	0.00007	0.000132	0.0000727	0.0327	0.00000353	0.000169	0.000256	0.0012
2049 Apr	34	0.053	0.0717	0.00152	7.29	0.0248	5.77	0.00000341	0.00681	0.00468	0.00334	0.00813	0.00149	5.48	0.00000279	0.0000628	0.0000964	0.000341	0.0172	0.00000303	1.05	0.00143	1.27	0.0231	0.000372	0.682	0.00202	0.00183	0.0000709	0.000134	0.0000737	0.0331	0.00000355	0.000171	0.000258	0.00121
2049 May	34.5	0.0539	0.0729	0.00154	7.39	0.0252	5.86	0.00000345	0.00692	0.00476	0.00339	0.00825	0.00152	5.57	0.00000283	0.0000637	0.0000979	0.000346	0.0174	0.00000308	1.07	0.00145	1.29	0.0235	0.000379	0.693	0.00205	0.00189	0.0000718	0.000136	0.0000749	0.0336	0.0000036	0.000174	0.000262	0.00123
2049 Jun	32.1	0.0473	0.0629	0.00135	6.82	0.0245	5.37	0.00000326	0.00568	0.00401	0.00321	0.00802	0.0013	5.14	0.00000243	0.0000575	0.0000883	0.000307	0.0145	0.00000279	1	0.00127	1.24	0.02	0.000323	0.68	0.00181	0.00183	0.0000386	0.000118	0.0000653	0.0307	0.00000339	0.00015	0.000239	0.00111
2049 Jul	35.5	0.0535	0.072	0.00151	7.61	0.0264	5.94	0.00000346	0.00635	0.00452	0.00339	0.0088	0.00147	5.69	0.0000026	0.0000632	0.0000977	0.000336	0.0162	0.00000306	1.11	0.00143	1.35	0.0228	0.000367	0.738	0.00203	0.002	0.0000344	0.000132	0.0000734	0.0341	0.00000361	0.000171	0.00026	0.00118
2049 Aug	35.2	0.0532	0.0716	0.00151	7.55	0.0262	5.89	0.0000035	0.00653	0.00451	0.00343	0.00871	0.00148	5.65	0.00000261	0.0000638	0.0000981	0.000338	0.0165	0.0000031	1.1	0.00143	1.34	0.0229	0.000367	0.729	0.00203	0.00197	0.0000337	0.000133	0.0000736	0.0339	0.00000365	0.000173	0.000263	0.00119
2049 Sep	32.4	0.0491	0.0657	0.00141	6.95	0.0243	5.44	0.00000338	0.00642	0.00416	0.00331	0.00797	0.00137	5.22	0.00000249	0.0000608	0.0000909	0.000321	0.0162	0.00000296	1.02	0.00134	1.22	0.0213	0.000341	0.668	0.00187	0.00178	0.000031	0.000126	0.0000693	0.0313	0.00000353	0.000163	0.000252	0.00115
2049 Oct	31.9	0.0488	0.0651	0.00139	6.85	0.024	5.38	0.00000335	0.00652	0.00412	0.00329	0.00779	0.00137	5.15	0.00000257	0.0000605	0.0000902	0.000323	0.0162	0.00000296	1	0.00133	1.2	0.0212	0.000339	0.655	0.00184	0.00173	0.000047	0.000126	0.0000691	0.0309	0.00000351	0.000163	0.000251	0.00116
2049 Nov	32.1	0.0492	0.0657	0.0014	6.89	0.0241	5.42	0.00000336	0.00664	0.00415	0.00329	0.00779	0.00139	5.18	0.00000267	0.0000609	0.0000913	0.000327	0.0163	0.00000298	1.01	0.00135	1.21	0.0214	0.000342	0.656	0.00185	0.00173	0.0000633	0.000128	0.0000697	0.0312	0.00000351	0.000164	0.000252	0.00119
2049 Dec	32.4	0.05	0.0668	0.00142	6.97	0.0243	5.48	0.00000337	0.00673	0.00422	0.0033	0.00786	0.00141	5.24	0.00000271	0.0000615	0.0000925	0.000331	0.0164	0.000003	1.02	0.00136	1.22	0.0217	0.000348	0.66	0.00188	0.00175	0.000067	0.00013	0.0000707	0.0315	0.00000353	0.000167	0.000254	0.0012
2050 Jan	32.8	0.0508	0.0678	0.00144	7.04	0.0245	5.54	0.00000338	0.00681	0.00428	0.00331	0.00793	0.00144	5.29	0.00000274	0.000062	0.0000935	0.000335	0.0166	0.00000303	1.03	0.00138	1.23	0.0221	0.000353	0.665	0.00191	0.00176	0.0000691	0.000131	0.0000716	0.0319	0.00000354	0.00017	0.000256	0.00121
2050 Feb	33	0.0513	0.0685	0.00146	7.1	0.0246	5.59	0.00000339	0.00687	0.00433	0.00332	0.00798	0.00145	5.33	0.00000276	0.0000625	0.0000942	0.000337	0.0167	0.00000305	1.04	0.0014	1.23	0.0223	0.000357	0.669	0.00192	0.00177	0.0000703	0.000133	0.0000723	0.0322	0.00000355	0.000172	0.000257	0.00121
2050 Mar	33.3	0.0518	0.0692	0.00147	7.15	0.0247	5.63	0.0000034	0.00693	0.00437	0.00333	0.00802	0.00147	5.37	0.00000278	0.0000628	0.0000949	0.00034	0.0169	0.00000307	1.04	0.00141	1.24	0.0226	0.00036	0.672	0.00194	0.00179	0.0000711	0.000134	0.0000729	0.0324	0.00000357	0.000173	0.000259	0.00122
2050 Apr	33.6	0.0526	0.0702	0.00149	7.23	0.0249	5.7	0.00000342	0.00701	0.00444	0.00335	0.0081	0.00149	5.43	0.00000281	0.0000635	0.000096	0.000343	0.017	0.0000031	1.05	0.00143	1.25	0.0229	0.000365	0.678	0.00197	0.00182	0.000072	0.000135	0.0000738	0.0328	0.00000359	0.000176	0.000261	0.00123
2050 May	34.1	0.0535	0.0714	0.00151	7.33	0.0253	5.79	0.00000347	0.00711	0.00451	0.0034	0.00822	0.00152	5.51	0.00000285	0.0000644	0.0000974	0.000348	0.0173	0.00000315	1.07	0.00145	1.27	0.0233	0.000371	0.688	0.002	0.00187	0.000073	0.000138	0.000075	0.0333	0.00000364	0.000179	0.000265	0.00124
2050 Jun	31.7	0.0468	0.0615	0.00132	6.75	0.0244	5.28	0.00000326	0.00571	0.00379	0.0032	0.00797	0.00129	5.08	0.00000243	0.0000573	0.0000875	0.000305	0.0143	0.0000028	0.998	0.00126	1.23	0.0197	0.000313	0.675	0.00176	0.00181	0.0000391	0.000117	0.0000648	0.0303	0.00000339	0.00015	0.000238	0.00111
2050 Jul	35	0.0527	0.0702	0.00148	7.5	0.0262	5.81	0.00000344	0.00625	0.00425	0.00337	0.00869	0.00146	5.59	0.00000257	0.0000621	0.0000964	0.00033	0.0158	0.00000302	1.09	0.00141	1.33	0.0224	0.000353	0.731	0.00196	0.00197	0.0000344	0.000129	0.000072	0.0336	0.00000358	0.000168	0.000256	0.00117
2050 Aug	35	0.053	0.0707	0.00149	7.52	0.0262	5.83	0.00000349	0.0064	0.00428	0.00342	0.00869	0.00148	5.62	0.0000026	0.0000628	0.0000978	0.000334	0.0163	0.00000306	1.09	0.00142	1.33	0.0227	0.000356	0.731	0.00198	0.00197	0.0000339	0.00013	0.0000728	0.0338	0.00000363	0.000169	0.000259	0.00118
2050 Sep	32.2	0.0489	0.0649	0.00139	6.91	0.0241	5.37	0.00000335	0.00619	0.00395	0.00329	0.00792	0.00137	5.18	0.00000246	0.0000592	0.0000904	0.000314	0.0159	0.00000289	1	0.00133	1.22	0.0211	0.000329	0.668	0.00182	0.00177	0.0000309	0.000121	0.000068	0.0311	0.00000348	0.000156	0.000246	0.00113
2050 Oct	31.7	0.0485	0.0643	0.00138	6.79	0.0237	5.3	0.00000332	0.00625	0.00391	0.00326	0.00771	0.00137	5.1	0.00000253	0.0000586	0.0000895	0.000315	0.0159	0.00000286	0.983	0.00132	1.19	0.0209	0.000326	0.653	0.00179	0.00172	0.0000467	0.00012	0.0000676	0.0307	0.00000344	0.000155	0.000243	0.00114
2050 Nov	31.9	0.049	0.065	0.00139	6.84	0.0238	5.34	0.00000332	0.00635	0.00395	0.00326	0.00772	0.00139	5.13	0.00000263	0.0000589	0.0000907	0.000319	0.016	0.00000287	0.988	0.00133	1.2	0.0212	0.000329	0.654	0.0018	0.00171	0.0000629	0.000122	0.0000682	0.0309	0.00000345	0.000156	0.000244	0.00116
2050 Dec	32.2	0.0498	0.0661	0.00141	6.92	0.024	5.4	0.00000333	0.00644	0.00401	0.00327	0.00778	0.00141	5.19	0.00000267	0.0000594	0.0000918	0.000323	0.0162	0.0000029	0.998	0.00135	1.21	0.0216	0.000334	0.659	0.00183	0.00173	0.0000666	0.000123	0.0000692	0.0313	0.00000346	0.000159	0.000246	0.00117
2051 Jan	32.6	0.0506	0.0672	0.00143	7	0.0241	5.46	0.00000334	0.00652	0.00408	0.00328	0.00785	0.00144	5.24	0.0000027	0.00006	0.0000929	0.000326	0.0164	0.00000292	1.01	0.00137	1.22	0.0219	0.000339	0.663	0.00186	0.00175	0.0000688	0.000125	0.0000701	0.0317	0.00000347	0.000161	0.000248	0.00118
2051 Feb	32.8	0.0512	0.068	0.00144	7.05	0.0242	5.51	0.00000335	0.00657	0.00412	0.00329	0.0079	0.00146	5.29	0.00000272	0.0000604	0.0000936	0.000329	0.0165	0.00000294	1.02	0.00138	1.22	0.0222	0.000343	0.667	0.00188	0.00176	0.00007	0.000126	0.0000707	0.032	0.00000348	0.000163	0.000249	0.00119
2051 Mar	33.1	0.0517	0.0687	0.00146	7.11	0.0243	5.55	0.00000336	0.00663	0.00417	0.0033	0.00794	0.00147	5.32	0.00000274	0.0000607	0.0000943	0.000331	0.0166	0.00000296	1.02	0.0014	1.23	0.0224	0.000346	0.67	0.00189	0.00177	0.0000708	0.000127	0.0000714	0.0322	0.00000349	0.000165	0.00025	0.00119
2051 Apr	33.4	0.0525	0.0697	0.00148	7.18	0.0246	5.62	0.00000338	0.0067	0.00423	0.00332	0.00802	0.00149	5.38	0.00000277	0.0000614	0.0000954	0.000334	0.0168	0.00000299	1.03	0.00142	1.24	0.0227	0.000351	0.677	0.00192	0.00181	0.0000717	0.000129	0.0000723	0.0326	0.00000352	0.000167	0.000253	0.0012
2051 May	33.9	0.0534	0.0709	0.0015	7.29	0.0249	5.71	0.00000343	0.0068	0.0043	0.00337	0.00814	0.00152	5.47	0.00000281	0.0000623	0.0000968	0.000339	0.0171	0.00000303	1.05	0.00144	1.26	0.0231	0.000357	0.687	0.00195	0.00186	0.0000727	0.000131	0.0000735	0.0331	0.00000356	0.00017	0.000256	0.00122
2051 Jun	31.8	0.0472	0.0618	0.00133	6.77	0.0243	5.27	0.00000325	0.00562	0.00366	0.00319	0.00796	0.00131	5.08	0.00000242	0.0000566	0.0000878	0.000302	0.0143	0.00000276	0.993	0.00127	1.22	0.0199	0.000308	0.677	0.00174	0.00181	0.0000391	0.000114	0.0000646	0.0304	0.00000336	0.000147	0.000235	0.0011
2051 Jul	35.1	0.0533	0.0708	0.00149	7.54	0.0262	5.82	0.00000344	0.00631	0.00412	0.00337	0.00871	0.00149	5.62	0.00000258	0.0000622	0.000097	0.000331	0.016	0.00000304	1.1	0.00142	1.33	0.0227	0.00035	0.733	0.00195	0.00198	0.0000345	0.000129	0.0000726	0.0339	0.00000358	0.000169	0.000256	0.00117
2051 Aug	35.1	0.0535	0.071	0.0015	7.55	0.0262	5.82	0.00000349	0.00649	0.00413	0.00342	0.00869	0.0015	5.62	0.00000261	0.000063	0.0000981	0.000335	0.0164	0.00000308	1.1	0.00144	1.33	0.0229	0.000352	0.73	0.00196	0.00196	0.000034	0.00013	0.0000733	0.0339	0.00000363	0.000171	0.000259	0.00118
2051 Sep	32.4	0.0495	0.0654	0.0014	6.97	0.0243	5.38	0.00000337	0.00631	0.00383	0.0033	0.00798	0.0014	5.21	0.00000249	0.0000598	0.0000912	0.000317	0.016	0.00000293	1.01	0.00135	1.22	0.0213	0.000328	0.672	0.00181	0.00179	0.0000313	0.000122	0.0000688	0.0314	0.0000035	0.00016	0.000247	0.00114
2051 Oct	31.7	0.0487	0.0642	0.00137	6.81	0.0238	5.28	0.00000333	0.00635	0.00376	0.00327	0.00773	0.00138	5.1	0.00000255	0.0000589	0.0000898	0.000316	0.0159	0.00000289	0.988	0.00133	1.19	0.021	0.000322	0.654	0.00177	0.00172	0.0000476	0.000121	0.000068	0.0308	0.00000346	0.000157	0.000244	0.00114
2051 Nov	31.8	0.0491	0.0646	0.00138	6.84	0.0239	5.31	0.00000332	0.00644	0.00378	0.00326	0.00772	0.00139	5.12	0.00000265	0.0000591	0.0000908	0.00032	0.016	0.0000029	0.99	0.00134	1.19	0.0212	0.000324	0.653	0.00178	0.00171	0.0000642	0.000122	0.0000684	0.0309	0.00000346	0.000158	0.000244	0.00117
2051 Dec	32.2	0.0499	0.0657	0.0014	6.92	0.024	5.37	0.00000334	0.00653	0.00384	0.00327	0.00778	0.00142	5.17	0.00000269	0.0000596	0.0000919	0.000323	0.0162	0.00000292	1	0.00135	1.2	0.0216	0.000329	0.658	0.0018	0.00173	0.0000679	0.000124	0.0000693	0.0313	0.00000347	0.000161	0.000246	0.00118
2052 Jan	32.5	0.0506	0.0667	0.00142	6.99	0.0242	5.43	0.00000335	0.0066	0.0039	0.00329	0.00784	0.00144	5.23	0.00000272	0.0000601	0.0000929	0.000327	0.0163	0.00000295	1.01	0.00137	1.21	0.0219	0.000334	0.663	0.00183	0.00174	0.00007	0.000125	0.0000702	0.0317	0.00000348	0.000163	0.000248	0.00119
2052 Feb	32.7	0.0512	0.0675	0.00143	7.05	0.0243	5.48	0.00000336	0.00666	0.00395	0.00329	0.00789	0.00146	5.27	0.00000274	0.0000605	0.0000937	0.000329	0.0165	0.00000297	1.02	0.00139	1.22	0.0222	0.000338	0.666	0.00185	0.00176	0.0000712	0.000126	0.0000709	0.0319	0.00000349	0.000165	0.000249	0.00119
2052 Mar	33	0.0517	0.0682	0.00145	7.1	0.0244	5.52	0.00000337	0.00671	0.00399	0.0033	0.00794	0.00148	5.31	0.00000276	0.0000609	0.0000944	0.000331	0.0166	0.00000299	1.02	0.0014	1.22	0.0224	0.000341	0.67	0.00186	0.00177	0.000072	0.000128	0.0000715	0.0322	0.0000035	0.000167	0.000251	0.0012
2052 Apr	33.4	0.0525	0.0692	0.00146	7.18	0.0246	5.59	0.00000339	0.00679	0.00405	0.00332	0.00802	0.0015	5.37	0.00000278	0.0000615	0.0000955	0.000335	0.0168	0.00000302	1.04	0.00142	1.24	0.0227	0.000346	0.676	0.00189	0.00181	0.0000729	0.000129	0.0000725	0.0326	0.00000353	0.000169	0.000253	0.0012
2052 May	33.9	0.0535	0.0706	0.00149	7.3	0.025	5.69	0.00000344	0.0069	0.00413	0.00337	0.00815	0.00153	5.46	0.00000283	0.0000626	0.0000971	0.000341	0.0171	0.00000307	1.05	0.00144	1.26	0.0232	0.000353	0.687	0.00192	0.00187	0.000074	0.000131	0.0000738	0.0331	0.00000358	0.000172	0.000257	0.00122
2052 Jun	31.5	0.0466	0.0607	0.0013	6.7	0.0241	5.18	0.00000323	0.00553	0.00346	0.00318	0.00789	0.00129	5.02	0.00000241	0.0000557	0.0000869	0.000298	0.0141	0.00000273	0.982	0.00126	1.21	0.0196	0.000297	0.673	0.00169	0.00181	0.0000391	0.000112	0.0000636	0.0301	0.00000334	0.000144	0.000232	0.00109
2052 Jul	34.7	0.0526	0.0695	0.00146	7.45	0.0258	5.71	0.0000034	0.00607	0.00388	0.00334	0.00861	0.00147	5.54	0.00000255	0.0000604	0.0000959	0.000323	0.0157	0.00000295	1.08	0.0014	1.31	0.0223	0.000336	0.728	0.00189	0.00196	0.0000344	0.000123	0.0000709	0.0335	0.00000352	0.000162	0.000249	0.00115
2052 Aug	34.9	0.0531	0.0701	0.00148	7.49	0.0259	5.74	0.00000346	0.00623	0.00393	0.0034	0.00862	0.00149	5.57	0.00000258	0.0000612	0.0000974	0.000327	0.0162	0.00000299	1.08	0.00142	1.32	0.0227	0.000339	0.729	0.00191	0.00195	0.000034	0.000124	0.0000718	0.0337	0.00000358	0.000164	0.000252	0.00116
2052 Sep	32.1	0.0491	0.0646	0.00138	6.89	0.0239	5.29	0.00000332	0.00603	0.00364	0.00327	0.00787	0.00138	5.14	0.00000244	0.0000577	0.0000903	0.000309	0.0158	0.00000282	0.99	0.00133	1.2	0.0211	0.000314	0.667	0.00176	0.00177	0.000031	0.000116	0.0000672	0.0311	0.00000343	0.000152	0.000239	0.00111
2052 Oct	31.5	0.0487	0.0639	0.00137	6.77	0.0234	5.22	0.00000329	0.00608	0.0036	0.00324	0.00765	0.00138	5.06	0.00000251	0.0000571	0.0000893	0.000308	0.0158	0.00000279	0.969	0.00132	1.18	0.021	0.000311	0.651	0.00173	0.00171	0.0000464	0.000115	0.0000668	0.0306	0.00000339	0.00015	0.000237	0.00112
2052 Nov	31.7	0.0492	0.0645	0.00138	6.82	0.0235	5.25	0.00000329	0.00618	0.00363	0.00324	0.00766	0.00139	5.09	0.00000261	0.0000573	0.0000904	0.000312	0.0159	0.0000028	0.974	0.00133	1.18	0.0212	0.000313	0.652	0.00174	0.0017	0.0000622	0.000117	0.0000673	0.0309	0.00000339	0.000151	0.000237	0.00114
2052 Dec	32.1	0.0499	0.0656	0.00139	6.89	0.0237	5.32	0.0000033	0.00626	0.00369	0.00325	0.00772	0.00142	5.15	0.00000265	0.0000578	0.0000915	0.000316	0.0161	0.00000282	0.983	0.00135	1.19	0.0216	0.000318	0.657	0.00177	0.00172	0.0000659	0.000118	0.0000682	0.0312	0.0000034	0.000153	0.000239	0.00115
2053 Jan	32.4	0.0507	0.0666	0.00141	6.97	0.0238	5.38	0.00000331	0.00633	0.00374	0.00326	0.00778	0.00144	5.2	0.00000268	0.0000583	0.0000925	0.000319	0.0163	0.00000285	0.993	0.00137	1.2	0.0219	0.000323	0.661	0.00179	0.00173	0.0000681	0.00012	0.0000691	0.0316	0.00000342	0.000156	0.000241	0.00116
2053 Feb	32.7	0.0513	0.0673	0.00143	7.02	0.0239	5.42	0.00000332	0.00639	0.00378	0.00327	0.00783	0.00146	5.24	0.0000027	0.0000587	0.0000933	0.000322	0.0164	0.00000287	1	0.00138	1.21	0.0222	0.000327	0.665	0.00181	0.00175	0.0000692	0.000121	0.0000698	0.0319	0.00000343	0.000157	0.000242	0.00116
2053 Mar	32.9	0.0518	0.0681	0.00144	7.08	0.024	5.46	0.00000333	0.00644	0.00382	0.00327	0.00787	0.00148	5.28	0.00000271	0.000059	0.0000939	0.000324	0.0165	0.00000288	1.01	0.00139	1.22	0.0224	0.00033	0.668	0.00183	0.00176	0.0000701	0.000122	0.0000704	0.0321	0.00000344	0.000159	0.000243	0.00117
2053 Apr	33.3	0.0526	0.069	0.00146	7.15	0.0242	5.53	0.00000335	0.00651	0.00388	0.0033	0.00795	0.0015	5.33	0.00000274	0.0000596	0.000095	0.000327	0.0167	0.00000291	1.02	0.00141	1.23	0.0227	0.000335	0.674	0.00185	0.00179	0.000071	0.000123	0.0000713	0.0325	0.00000346	0.000161	0.000245	0.00118
2053 May	33.9	0.0538	0.0705	0.00149	7.29	0.0247	5.64	0.00000341	0.00663	0.00397	0.00335	0.0081	0.00153	5.44	0.00000279	0.0000608	0.0000968	0.000333	0.017	0.00000297	1.04	0.00144	1.25	0.0232	0.000342	0.687	0.00189	0.00184	0.0000723	0.000126	0.0000728	0.0331	0.00000352	0.000165	0.00025	0.0012
2053 Jun	31.5	0.0469	0.0607	0.0013	6.73	0.0241	5.18	0.00000323	0.00556	0.00334	0.00318	0.0079	0.0013	5.02	0.00000241	0.0000556	0.0000872	0.000298	0.0141	0.00000273	0.984	0.00126	1.21	0.0198	0.000294	0.673	0.00167	0.00179	0.0000391	0.000111	0.0000639	0.0302	0.00000334	0.000145	0.000231	0.00109
2053 Jul	34.7	0.0525	0.0689	0.00145	7.46	0.026	5.69	0.00000342	0.00618	0.00372	0.00335	0.00863	0.00146	5.53	0.00000256	0.0000608	0.0000959	0.000325	0.0156	0.00000299	1.08	0.0014	1.31	0.0223	0.000332	0.728	0.00186	0.00195	0.0000345	0.000124	0.0000712	0.0334	0.00000355	0.000165	0.00025	0.00115
2053 Aug	34.7	0.0528	0.0693	0.00146	7.47	0.0259	5.69	0.00000346	0.00634	0.00374	0.0034	0.00861	0.00147	5.54	0.00000259	0.0000615	0.0000971	0.000328	0.0161	0.00000302	1.08	0.00142	1.31	0.0226	0.000334	0.726	0.00187	0.00194	0.000034	0.000125	0.0000719	0.0335	0.00000359	0.000166	0.000253	0.00117
2053 Sep	31.9	0.0488	0.0638	0.00136	6.87	0.024	5.25	0.00000333	0.00615	0.00346	0.00327	0.00786	0.00137	5.12	0.00000245	0.0000581	0.00009	0.00031	0.0157	0.00000286	0.993	0.00133	1.19	0.021	0.00031	0.665	0.00172	0.00176	0.0000311	0.000117	0.0000674	0.0309	0.00000345	0.000154	0.000241	0.00112
2053 Oct	31.4	0.0484	0.063	0.00135	6.75	0.0235	5.18	0.0000033	0.0062	0.00342	0.00324	0.00765	0.00136	5.03	0.00000253	0.0000575	0.000089	0.00031	0.0157	0.00000283	0.973	0.00131	1.17	0.0209	0.000306	0.649	0.00169	0.0017	0.0000473	0.000116	0.0000669	0.0305	0.00000341	0.000152	0.000238	0.00113
2053 Nov	31.6	0.0488	0.0637	0.00136	6.79	0.0236	5.21	0.0000033	0.00631	0.00345	0.00324	0.00765	0.00138	5.06	0.00000263	0.0000577	0.0000902	0.000314	0.0158	0.00000284	0.977	0.00132	1.17	0.0211	0.000309	0.65	0.00171	0.00169	0.0000638	0.000118	0.0000675	0.0307	0.00000341	0.000154	0.000239	0.00115
2053 Dec	31.9	0.0497	0.0648	0.00138	6.87	0.0238	5.28	0.00000331	0.00639	0.00351	0.00325	0.00771	0.00141	5.12	0.00000267	0.0000582	0.0000913	0.000318	0.016	0.00000287	0.987	0.00134	1.18	0.0215	0.000314	0.655	0.00173	0.00171	0.0000676	0.000119	0.0000684	0.0311	0.00000343	0.000156	0.00024	0.00116
2054 Jan	32.3	0.0504	0.0658	0.0014	6.95	0.0239	5.34	0.00000332	0.00647	0.00357	0.00326	0.00778	0.00143	5.18	0.0000027	0.0000588	0.0000924	0.000321	0.0162	0.00000289	0.997	0.00136	1.19	0.0218	0.000319	0.66	0.00176	0.00173	0.0000697	0.000121	0.0000694	0.0315	0.00000344	0.000159	0.000242	0.00117
2054 Feb	32.6	0.051	0.0666	0.00141	7.01	0.024	5.39	0.00000333	0.00653	0.00361	0.00327	0.00783	0.00145	5.22	0.00000272	0.0000592	0.0000931	0.000323	0.0163	0.00000291	1	0.00138	1.2	0.0221	0.000322	0.663	0.00178	0.00174	0.0000709	0.000122	0.00007	0.0317	0.00000345	0.00016	0.000244	0.00117
2054 Mar	32.8	0.0516	0.0673	0.00142	7.06	0.0241	5.43	0.00000334	0.00658	0.00365	0.00328	0.00787	0.00146	5.26	0.00000273	0.0000595	0.0000938	0.000326	0.0164	0.00000293	1.01	0.00139	1.21	0.0223	0.000326	0.667	0.00179	0.00175	0.0000717	0.000123	0.0000707	0.032	0.00000346	0.000162	0.000245	0.00118
2054 Apr	33.2	0.0524	0.0683	0.00144	7.14	0.0244	5.5	0.00000336	0.00665	0.0037	0.0033	0.00795	0.00149	5.32	0.00000276	0.0000601	0.0000949	0.000329	0.0166	0.00000296	1.02	0.00141	1.22	0.0227	0.000331	0.673	0.00182	0.00179	0.0000726	0.000125	0.0000716	0.0324	0.00000348	0.000164	0.000247	0.00119
2054 May	33.7	0.0533	0.0696	0.00147	7.25	0.0247	5.59	0.00000341	0.00676	0.00377	0.00335	0.00807	0.00152	5.4	0.0000028	0.0000611	0.0000964	0.000334	0.0169	0.000003	1.04	0.00143	1.24	0.0231	0.000337	0.683	0.00185	0.00185	0.0000736	0.000127	0.0000728	0.0329	0.00000353	0.000167	0.000251	0.0012
2054 Jun	31.3	0.0464	0.0598	0.00128	6.66	0.0239	5.1	0.00000321	0.00541	0.00316	0.00316	0.00783	0.00128	4.97	0.00000239	0.0000545	0.0000865	0.000293	0.0139	0.00000268	0.97	0.00124	1.19	0.0195	0.000284	0.669	0.00163	0.00179	0.0000392	0.000108	0.0000628	0.0299	0.0000033	0.00014	0.000227	0.00108
2054 Jul	34.5	0.0524	0.0685	0.00144	7.41	0.0256	5.62	0.00000337	0.00593	0.00356	0.00332	0.00854	0.00145	5.49	0.00000253	0.000059	0.0000954	0.000318	0.0155	0.00000289	1.06	0.00139	1.3	0.0223	0.000321	0.724	0.00182	0.00194	0.0000344	0.000119	0.00007	0.0333	0.00000348	0.000157	0.000243	0.00113
2054 Aug	34.7	0.0529	0.0692	0.00145	7.45	0.0256	5.65	0.00000343	0.00611	0.0036	0.00338	0.00855	0.00147	5.52	0.00000256	0.0000598	0.0000969	0.000322	0.016	0.00000293	1.07	0.00141	1.3	0.0226	0.000325	0.725	0.00184	0.00194	0.000034	0.00012	0.000071	0.0335	0.00000353	0.000159	0.000247	0.00114
2054 Sep	32.1	0.0493	0.0641	0.00136	6.9	0.0238	5.25	0.00000331	0.00598	0.00335	0.00326	0.00786	0.00138	5.13	0.00000244	0.000057	0.0000904	0.000306	0.0157	0.0000028	0.986	0.00133	1.2	0.0212	0.000303	0.667	0.00171	0.00176	0.0000312	0.000113	0.000067	0.0311	0.00000341	0.00015	0.000236	0.0011
2054 Oct	31.5	0.0486	0.0631	0.00134	6.76	0.0233	5.16	0.00000328	0.00606	0.0033	0.00323	0.00764	0.00137	5.03	0.00000251	0.0000565	0.0000892	0.000306	0.0157	0.00000278	0.966	0.00131	1.17	0.021	0.0003	0.65	0.00167	0.0017	0.000047	0.000113	0.0000665	0.0306	0.00000338	0.000149	0.000234	0.00111
2054 Nov	31.6	0.049	0.0636	0.00135	6.8	0.0234	5.19	0.00000328	0.00618	0.00333	0.00323	0.00763	0.00138	5.05	0.00000261	0.0000567	0.0000902	0.00031	0.0158	0.00000279	0.97	0.00132	1.17	0.0212	0.000302	0.65	0.00168	0.00169	0.0000631	0.000114	0.000067	0.0307	0.00000338	0.00015	0.000235	0.00114
2054 Dec	31.9	0.0497	0.0646	0.00137	6.87	0.0236	5.25	0.00000329	0.00627	0.00338	0.00324	0.00769	0.0014	5.11	0.00000265	0.0000573	0.0000913	0.000314	0.016	0.00000282	0.98	0.00134	1.18	0.0215	0.000307	0.654	0.00171	0.00171	0.0000668	0.000116	0.0000679	0.0311	0.00000339	0.000153	0.000237	0.00115
2055 Jan	32.3	0.0505	0.0655	0.00139	6.94	0.0237	5.31	0.0000033	0.00635	0.00343	0.00325	0.00775	0.00142	5.16	0.00000268	0.0000578	0.0000923	0.000317	0.0161	0.00000284	0.989	0.00136	1.19	0.0219	0.000311	0.659	0.00173	0.00172	0.000069	0.000118	0.0000688	0.0314	0.0000034	0.000155	0.000238	0.00115
2055 Feb	32.5	0.051	0.0663	0.0014	7	0.0239	5.35	0.00000331	0.0064	0.00347	0.00326	0.0078	0.00144	5.2	0.0000027	0.0000582	0.000093	0.000319	0.0163	0.00000286	0.996	0.00137	1.19	0.0221	0.000315	0.662	0.00175	0.00173	0.0000701	0.000119	0.0000695	0.0317	0.00000341	0.000157	0.00024	0.00116
2055 Mar	32.7	0.0515	0.0669	0.00141	7.05	0.024	5.39	0.00000332	0.00645	0.0035	0.00327	0.00784	0.00146	5.23	0.00000271	0.0000585	0.0000937	0.000322	0.0164	0.00000288	1	0.00138	1.2	0.0224	0.000318	0.666	0.00176	0.00175	0.000071	0.00012	0.0000701	0.0319	0.00000342	0.000158	0.000241	0.00116
2055 Apr	33.1	0.0523	0.0679	0.00143	7.12	0.0242	5.46	0.00000334	0.00653	0.00355	0.00329	0.00792	0.00148	5.29	0.00000274	0.0000591	0.0000948	0.000325	0.0166	0.00000291	1.01	0.0014	1.21	0.0227	0.000323	0.672	0.00179	0.00179	0.0000719	0.000121	0.000071	0.0323	0.00000345	0.000161	0.000243	0.00117
2055 May	33.6	0.0533	0.0691	0.00145	7.23	0.0245	5.55	0.00000339	0.00663	0.00362	0.00333	0.00804	0.00151	5.38	0.00000278	0.0000601	0.0000962	0.00033	0.0168	0.00000296	1.03	0.00143	1.23	0.0231	0.000328	0.682	0.00182	0.00185	0.0000729	0.000123	0.0000722	0.0328	0.0000035	0.000164	0.000247	0.00119
2055 Jun	31.3	0.0466	0.0598	0.00128	6.67	0.0238	5.09	0.0000032	0.00538	0.00305	0.00315	0.00782	0.00128	4.97	0.00000238	0.0000541	0.0000865	0.000292	0.0139	0.00000266	0.968	0.00125	1.19	0.0197	0.00028	0.669	0.00162	0.00179	0.0000388	0.000106	0.0000629	0.03	0.00000328	0.000139	0.000225	0.00107
2055 Jul	34.6	0.0527	0.0685	0.00143	7.43	0.0256	5.62	0.00000338	0.00597	0.00344	0.00332	0.00855	0.00145	5.49	0.00000253	0.000059	0.0000957	0.000318	0.0156	0.0000029	1.06	0.0014	1.29	0.0224	0.000318	0.724	0.0018	0.00194	0.0000345	0.000118	0.0000704	0.0333	0.00000347	0.000158	0.000243	0.00113
2055 Aug	34.5	0.0528	0.0685	0.00144	7.42	0.0255	5.61	0.00000342	0.00614	0.00344	0.00337	0.00851	0.00146	5.49	0.00000256	0.0000596	0.0000966	0.000321	0.016	0.00000293	1.06	0.0014	1.29	0.0226	0.000319	0.721	0.00181	0.00193	0.0000339	0.000119	0.0000709	0.0333	0.00000352	0.000159	0.000246	0.00114
2055 Sep	31.8	0.0487	0.063	0.00134	6.84	0.0237	5.18	0.0000033	0.006	0.00319	0.00325	0.00779	0.00136	5.08	0.00000243	0.0000567	0.0000897	0.000304	0.0156	0.0000028	0.979	0.00132	1.18	0.0211	0.000297	0.662	0.00167	0.00174	0.0000311	0.000112	0.0000666	0.0308	0.0000034	0.000149	0.000235	0.0011
2055 Oct	31.2	0.0482	0.0622	0.00132	6.71	0.0232	5.1	0.00000327	0.00608	0.00314	0.00322	0.00759	0.00134	4.99	0.0000025	0.0000562	0.0000887	0.000304	0.0156	0.00000278	0.961	0.0013	1.15	0.0209	0.000293	0.646	0.00164	0.00169	0.000047	0.000112	0.0000662	0.0303	0.00000337	0.000148	0.000233	0.00111
2055 Nov	31.4	0.0486	0.0628	0.00133	6.76	0.0234	5.14	0.00000327	0.00619	0.00317	0.00322	0.00759	0.00136	5.02	0.00000261	0.0000565	0.0000898	0.000309	0.0157	0.00000279	0.966	0.00131	1.16	0.0211	0.000296	0.646	0.00165	0.00168	0.0000635	0.000114	0.0000668	0.0305	0.00000337	0.00015	0.000234	0.00113
2055 Dec	31.8	0.0495	0.0639	0.00135	6.84	0.0235	5.21	0.00000329	0.00629	0.00323	0.00323	0.00766	0.00138	5.08	0.00000265	0.0000571	0.000091	0.000313	0.0159	0.00000282	0.977	0.00133	1.17	0.0215	0.000301	0.651	0.00168	0.0017	0.0000673	0.000115	0.0000678	0.0309	0.00000339	0.000153	0.000235	0.00114
2056 Jan	32.1	0.0503	0.0649	0.00137	6.92	0.0237	5.27	0.0000033	0.00637	0.00328	0.00324	0.00772	0.00141	5.13	0.00000268	0.0000576	0.0000921	0.000316	0.0161	0.00000285	0.987	0.00135	1.18	0.0218	0.000306	0.656	0.0017	0.00171	0.0000694	0.000117	0.0000687	0.0313	0.0000034	0.000155	0.000237	0.00115
2056 Feb	32.4	0.0509	0.0657	0.00139	6.98	0.0238	5.32	0.00000331	0.00643	0.00332	0.00325	0.00777	0.00143	5.18	0.0000027	0.000058	0.0000929	0.000319	0.0162	0.00000287	0.995	0.00137	1.19	0.0221	0.00031	0.66	0.00172	0.00173	0.0000706	0.000118	0.0000694	0.0316	0.00000341	0.000157	0.000239	0.00116
2056 Mar	32.6	0.0515	0.0664	0.0014	7.03	0.0239	5.36	0.00000332	0.00648	0.00335	0.00326	0.00782	0.00144	5.22	0.00000272	0.0000584	0.0000936	0.000321	0.0163	0.00000288	1	0.00138	1.19	0.0224	0.000313	0.664	0.00174	0.00174	0.0000714	0.000119	0.0000701	0.0319	0.00000342	0.000159	0.00024	0.00116
2056 Apr	33	0.0523	0.0674	0.00142	7.11	0.0241	5.43	0.00000334	0.00656	0.0034	0.00328	0.0079	0.00147	5.28	0.00000274	0.000059	0.0000947	0.000325	0.0165	0.00000292	1.01	0.0014	1.21	0.0227	0.000318	0.67	0.00176	0.00178	0.0000723	0.000121	0.000071	0.0322	0.00000344	0.000161	0.000242	0.00117
2056 May	33.6	0.0533	0.0687	0.00144	7.23	0.0245	5.52	0.00000339	0.00667	0.00347	0.00333	0.00803	0.0015	5.36	0.00000279	0.00006	0.0000962	0.00033	0.0168	0.00000296	1.03	0.00142	1.22	0.0232	0.000324	0.681	0.0018	0.00184	0.0000733	0.000123	0.0000723	0.0328	0.00000349	0.000164	0.000246	0.00119
2056 Jun	31.2	0.0463	0.0589	0.00126	6.64	0.0239	5.06	0.00000321	0.00551	0.00291	0.00316	0.00782	0.00126	4.94	0.00000239	0.0000546	0.0000863	0.000293	0.0139	0.00000271	0.972	0.00124	1.18	0.0196	0.000276	0.667	0.00159	0.00179	0.0000389	0.000107	0.000063	0.0298	0.00000331	0.000142	0.000226	0.00108
2056 Jul	34.4	0.052	0.0671	0.0014	7.38	0.0257	5.56	0.00000339	0.00609	0.00325	0.00333	0.00854	0.00142	5.45	0.00000254	0.0000594	0.0000951	0.000319	0.0154	0.00000295	1.07	0.00138	1.28	0.0222	0.000312	0.722	0.00176	0.00194	0.0000347	0.000119	0.0000703	0.0331	0.0000035	0.000161	0.000244	0.00114
2056 Aug	33.9	0.0516	0.0666	0.0014	7.29	0.0253	5.49	0.00000341	0.0062	0.00323	0.00335	0.0084	0.00141	5.39	0.00000254	0.0000594	0.0000952	0.000318	0.0157	0.00000294	1.05	0.00138	1.26	0.0222	0.00031	0.71	0.00175	0.00189	0.0000336	0.000119	0.0000701	0.0327	0.00000352	0.00016	0.000245	0.00114
2056 Sep	31.2	0.0477	0.0614	0.0013	6.71	0.0233	5.06	0.00000328	0.00603	0.003	0.00322	0.00764	0.00132	4.97	0.00000241	0.0000562	0.0000881	0.000301	0.0155	0.00000279	0.964	0.00129	1.15	0.0207	0.000288	0.649	0.00161	0.0017	0.0000307	0.000111	0.0000658	0.0302	0.00000338	0.000148	0.000232	0.00109
2056 Oct	31	0.0479	0.0614	0.00131	6.66	0.023	5.05	0.00000326	0.00611	0.003	0.0032	0.00751	0.00133	4.94	0.0000025	0.0000559	0.0000879	0.000303	0.0156	0.00000277	0.954	0.00129	1.14	0.0208	0.000288	0.639	0.0016	0.00167	0.0000471	0.000111	0.000066	0.0301	0.00000335	0.000148	0.000231	0.0011
2056 Nov	31.3	0.0485	0.0623	0.00132	6.73	0.0232	5.1	0.00000326	0.00622	0.00303	0.00321	0.00754	0.00135	4.99	0.0000026	0.0000562	0.0000893	0.000308	0.0157	0.00000279	0.961	0.00131	1.15	0.0211	0.000291	0.642	0.00162	0.00167	0.0000635	0.000113	0.0000667	0.0304	0.00000336	0.00015	0.000232	0.00113
2056 Dec	31.6	0.0494	0.0634	0.00134	6.81	0.0234	5.16	0.00000327	0.0063	0.00309	0.00322	0.0076	0.00137	5.05	0.00000264	0.0000568	0.0000905	0.000311	0.0159	0.00000281	0.972	0.00133	1.16	0.0215	0.000296	0.647	0.00165	0.00168	0.0000672	0.000114	0.0000677	0.0308	0.00000337	0.000152	0.000234	0.00114
2057 Jan	32	0.0501	0.0644	0.00136	6.88	0.0235	5.22	0.00000328	0.00638	0.00313	0.00323	0.00767	0.00139	5.1	0.00000267	0.0000572	0.0000916	0.000315	0.016	0.00000284	0.981	0.00135	1.17	0.0218	0.000301	0.652	0.00167	0.0017	0.0000694	0.000116	0.0000686	0.0312	0.00000338	0.000155	0.000236	0.00115
2057 Feb	32.2	0.0507	0.0651	0.00137	6.94	0.0236	5.27	0.00000329	0.00643	0.00317	0.00324	0.00772	0.00141	5.14	0.00000269	0.0000576	0.0000923	0.000317	0.0162	0.00000286	0.988	0.00136	1.17	0.0221	0.000304	0.655	0.00169	0.00171	0.0000705	0.000117	0.0000692	0.0314	0.00000339	0.000156	0.000237	0.00115
2057 Mar	32.5	0.0512	0.0658	0.00138	6.99	0.0238	5.31	0.0000033	0.00648	0.0032	0.00325	0.00776	0.00143	5.18	0.00000271	0.000058	0.000093	0.000319	0.0163	0.00000287	0.995	0.00137	1.18	0.0223	0.000307	0.659	0.0017	0.00172	0.0000713	0.000118	0.0000698	0.0317	0.0000034	0.000158	0.000238	0.00116

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	32.8	0.052	0.0668	0.0014	7.07	0.024	5.38	0.00000332	0.00655	0.00325	0.00327	0.00784	0.00145	5.24	0.00000274	0.0000586	0.0000941	0.000322	0.0165	0.0000029	1.01	0.00139	1.19	0.0227	0.000312	0.665	0.00173	0.00177	0.0000723	0.000119	0.0000708	0.0321	0.00000343	0.00016	0.00024	0.00116
2057 May	33.4	0.053	0.068	0.00142	7.18	0.0243	5.47	0.00000337	0.00665	0.00331	0.00331	0.00797	0.00148	5.33	0.00000278	0.0000595	0.0000957	0.000328	0.0167	0.00000295	1.02	0.00141	1.21	0.0231	0.000317	0.676	0.00176	0.00183	0.0000733	0.000121	0.000072	0.0326	0.00000347	0.000163	0.000244	0.00118
2057 Jun	31	0.046	0.0582	0.00124	6.6	0.0236	5	0.00000318	0.00532	0.00277	0.00313	0.00775	0.00124	4.9	0.00000236	0.0000532	0.0000857	0.000287	0.0137	0.00000263	0.958	0.00123	1.17	0.0195	0.000267	0.664	0.00155	0.00177	0.0000382	0.000103	0.000062	0.0296	0.00000326	0.000137	0.000221	0.00106
2057 Jul	34.2	0.0518	0.0665	0.00139	7.34	0.0254	5.5	0.00000335	0.00585	0.00311	0.0033	0.00846	0.0014	5.41	0.00000251	0.0000577	0.0000946	0.000312	0.0153	0.00000285	1.05	0.00137	1.28	0.0221	0.000302	0.719	0.00173	0.00192	0.0000344	0.000114	0.0000691	0.0329	0.00000344	0.000154	0.000238	0.00111
2057 Aug	34.3	0.0521	0.0669	0.0014	7.36	0.0254	5.52	0.0000034	0.00601	0.00313	0.00335	0.00846	0.00141	5.43	0.00000253	0.0000584	0.0000959	0.000315	0.0157	0.00000289	1.05	0.00138	1.27	0.0224	0.000304	0.717	0.00174	0.00191	0.0000339	0.000115	0.0000698	0.033	0.00000349	0.000155	0.000241	0.00113
2057 Sep	31.4	0.048	0.0613	0.0013	6.75	0.0233	5.07	0.00000327	0.00582	0.00289	0.00322	0.0077	0.00131	5	0.0000024	0.0000551	0.0000887	0.000297	0.0153	0.00000273	0.962	0.00129	1.16	0.0208	0.000281	0.656	0.0016	0.00172	0.0000309	0.000107	0.0000652	0.0304	0.00000335	0.000144	0.000228	0.00108
2057 Oct	30.9	0.0476	0.0606	0.00129	6.63	0.0229	5	0.00000324	0.00587	0.00286	0.00319	0.00749	0.0013	4.92	0.00000247	0.0000545	0.0000877	0.000297	0.0154	0.0000027	0.942	0.00128	1.14	0.0206	0.000278	0.64	0.00157	0.00166	0.0000465	0.000107	0.0000648	0.0299	0.00000331	0.000142	0.000226	0.00109
2057 Nov	31.1	0.0481	0.0613	0.0013	6.68	0.023	5.04	0.00000323	0.00597	0.00288	0.00319	0.00749	0.00132	4.95	0.00000257	0.0000547	0.0000889	0.000301	0.0155	0.00000271	0.947	0.00129	1.14	0.0209	0.000281	0.641	0.00158	0.00166	0.0000625	0.000108	0.0000654	0.0302	0.00000331	0.000143	0.000226	0.00111
2057 Dec	31.4	0.0489	0.0624	0.00132	6.76	0.0231	5.1	0.00000325	0.00605	0.00293	0.0032	0.00755	0.00134	5	0.0000026	0.0000552	0.00009	0.000305	0.0157	0.00000273	0.957	0.00131	1.15	0.0213	0.000285	0.645	0.00161	0.00167	0.0000662	0.000109	0.0000663	0.0306	0.00000332	0.000146	0.000228	0.00112
2058 Jan	31.8	0.0496	0.0634	0.00133	6.83	0.0233	5.16	0.00000326	0.00613	0.00298	0.00321	0.00761	0.00137	5.06	0.00000263	0.0000556	0.000091	0.000308	0.0158	0.00000275	0.966	0.00133	1.16	0.0216	0.00029	0.65	0.00163	0.00169	0.0000684	0.000111	0.0000672	0.0309	0.00000333	0.000148	0.00023	0.00113
2058 Feb	32	0.0502	0.0641	0.00135	6.89	0.0234	5.2	0.00000326	0.00618	0.00301	0.00322	0.00766	0.00138	5.09	0.00000265	0.000056	0.0000917	0.00031	0.0159	0.00000277	0.973	0.00134	1.17	0.0219	0.000293	0.653	0.00165	0.0017	0.0000695	0.000112	0.0000678	0.0312	0.00000334	0.00015	0.000231	0.00113
2058 Mar	32.2	0.0507	0.0648	0.00136	6.94	0.0235	5.24	0.00000327	0.00622	0.00304	0.00322	0.0077	0.0014	5.13	0.00000267	0.0000563	0.0000924	0.000312	0.0161	0.00000279	0.979	0.00135	1.17	0.0221	0.000296	0.657	0.00166	0.00171	0.0000704	0.000113	0.0000684	0.0314	0.00000335	0.000151	0.000232	0.00113
2058 Apr	32.6	0.0515	0.0658	0.00138	7.02	0.0237	5.3	0.00000329	0.0063	0.00309	0.00324	0.00778	0.00142	5.19	0.0000027	0.0000569	0.0000935	0.000315	0.0162	0.00000281	0.99	0.00137	1.18	0.0224	0.0003	0.663	0.00169	0.00176	0.0000714	0.000114	0.0000693	0.0318	0.00000337	0.000153	0.000234	0.00114
2058 May	33.2	0.0526	0.067	0.0014	7.13	0.0241	5.4	0.00000334	0.0064	0.00315	0.00329	0.00791	0.00145	5.28	0.00000274	0.0000578	0.000095	0.000321	0.0165	0.00000286	1.01	0.0014	1.2	0.0229	0.000306	0.674	0.00172	0.00182	0.0000724	0.000116	0.0000706	0.0324	0.00000342	0.000156	0.000238	0.00116
2058 Jun	31.3	0.0467	0.059	0.00125	6.67	0.0238	5.04	0.00000319	0.00545	0.0027	0.00314	0.00781	0.00125	4.95	0.00000239	0.0000538	0.0000866	0.000291	0.0139	0.00000267	0.968	0.00124	1.18	0.0199	0.000269	0.667	0.00156	0.00179	0.0000386	0.000105	0.0000631	0.0299	0.00000328	0.00014	0.000223	0.00106
2058 Jul	34.6	0.0527	0.0674	0.0014	7.43	0.0257	5.56	0.00000339	0.00619	0.00304	0.00333	0.00856	0.00142	5.47	0.00000256	0.0000595	0.0000959	0.00032	0.0155	0.00000296	1.07	0.00139	1.28	0.0226	0.000307	0.723	0.00174	0.00194	0.0000349	0.000119	0.0000711	0.0333	0.0000035	0.000163	0.000244	0.00113
2058 Aug	34.3	0.0524	0.067	0.0014	7.39	0.0256	5.53	0.00000343	0.00637	0.00303	0.00337	0.0085	0.00141	5.44	0.00000257	0.0000601	0.0000964	0.000322	0.0159	0.000003	1.07	0.0014	1.27	0.0226	0.000308	0.716	0.00173	0.00191	0.0000342	0.00012	0.0000714	0.0331	0.00000355	0.000164	0.000246	0.00115
2058 Sep	31.5	0.0481	0.0612	0.00129	6.78	0.0237	5.09	0.00000331	0.00623	0.00278	0.00325	0.00776	0.00131	5.01	0.00000245	0.0000572	0.0000892	0.000305	0.0155	0.00000286	0.983	0.0013	1.16	0.021	0.000285	0.655	0.00159	0.00173	0.0000313	0.000113	0.0000669	0.0305	0.00000342	0.000154	0.000236	0.0011
2058 Oct	31	0.0477	0.0604	0.00128	6.67	0.0233	5.02	0.00000328	0.00632	0.00275	0.00322	0.00756	0.0013	4.93	0.00000252	0.0000568	0.0000882	0.000306	0.0155	0.00000285	0.965	0.00129	1.13	0.0208	0.000282	0.64	0.00156	0.00167	0.0000473	0.000113	0.0000666	0.03	0.0000034	0.000153	0.000234	0.00112
2058 Nov	31.1	0.0481	0.061	0.00129	6.71	0.0234	5.05	0.00000328	0.00643	0.00277	0.00322	0.00756	0.00131	4.96	0.00000262	0.000057	0.0000894	0.000311	0.0156	0.00000286	0.971	0.0013	1.14	0.021	0.000285	0.641	0.00157	0.00167	0.0000635	0.000115	0.0000672	0.0303	0.0000034	0.000155	0.000235	0.00114
2058 Dec	31.5	0.0489	0.062	0.00131	6.79	0.0236	5.11	0.00000329	0.00652	0.00282	0.00323	0.00763	0.00133	5.02	0.00000266	0.0000576	0.0000905	0.000314	0.0158	0.00000289	0.981	0.00132	1.15	0.0214	0.000289	0.645	0.0016	0.00168	0.0000672	0.000116	0.0000681	0.0306	0.00000341	0.000157	0.000237	0.00115
2059 Jan	31.8	0.0496	0.0629	0.00132	6.86	0.0238	5.17	0.00000331	0.0066	0.00286	0.00324	0.00769	0.00136	5.07	0.00000269	0.0000581	0.0000915	0.000317	0.0159	0.00000292	0.99	0.00134	1.16	0.0217	0.000294	0.65	0.00162	0.0017	0.0000693	0.000118	0.000069	0.031	0.00000343	0.00016	0.000238	0.00116
2059 Feb	32.1	0.0502	0.0636	0.00133	6.91	0.0239	5.21	0.00000332	0.00666	0.00289	0.00325	0.00774	0.00137	5.11	0.00000271	0.0000585	0.0000922	0.00032	0.016	0.00000294	0.998	0.00135	1.16	0.022	0.000297	0.653	0.00163	0.00171	0.0000705	0.000119	0.0000696	0.0312	0.00000344	0.000161	0.00024	0.00117
2059 Mar	32.3	0.0507	0.0643	0.00135	6.96	0.024	5.25	0.00000332	0.00671	0.00292	0.00326	0.00778	0.00139	5.14	0.00000273	0.0000588	0.0000929	0.000322	0.0162	0.00000295	1	0.00136	1.17	0.0222	0.0003	0.657	0.00165	0.00172	0.0000713	0.00012	0.0000702	0.0315	0.00000345	0.000163	0.000241	0.00117
2059 Apr	32.6	0.0514	0.0652	0.00136	7.04	0.0242	5.32	0.00000335	0.00679	0.00296	0.00328	0.00786	0.00141	5.2	0.00000276	0.0000594	0.0000939	0.000325	0.0163	0.00000298	1.02	0.00138	1.18	0.0225	0.000304	0.663	0.00167	0.00176	0.0000723	0.000121	0.0000711	0.0318	0.00000347	0.000165	0.000243	0.00118
2059 May	33.2	0.0523	0.0663	0.00139	7.15	0.0246	5.4	0.00000339	0.0069	0.00301	0.00333	0.00798	0.00143	5.28	0.0000028	0.0000604	0.0000954	0.00033	0.0166	0.00000303	1.03	0.0014	1.2	0.0229	0.00031	0.673	0.0017	0.00181	0.0000733	0.000123	0.0000723	0.0323	0.00000352	0.000168	0.000247	0.0012
2059 Jun	30.9	0.0456	0.0571	0.00121	6.58	0.0238	4.95	0.00000319	0.00555	0.00253	0.00314	0.00776	0.00121	4.87	0.00000238	0.000054	0.0000856	0.00029	0.0137	0.00000271	0.966	0.00122	1.16	0.0194	0.000262	0.661	0.00151	0.00175	0.0000389	0.000105	0.0000625	0.0295	0.0000033	0.000142	0.000224	0.00107
2059 Jul	34.2	0.0517	0.0657	0.00136	7.34	0.0255	5.47	0.00000337	0.00611	0.00286	0.00331	0.00849	0.00137	5.39	0.00000253	0.0000587	0.0000948	0.000316	0.0153	0.00000294	1.06	0.00137	1.27	0.0222	0.000297	0.717	0.00169	0.00192	0.0000346	0.000117	0.0000699	0.0329	0.00000348	0.00016	0.000241	0.00113
2059 Aug	34	0.0516	0.0656	0.00137	7.32	0.0254	5.45	0.00000341	0.00623	0.00286	0.00335	0.00842	0.00138	5.38	0.00000255	0.000059	0.0000955	0.000317	0.0156	0.00000295	1.06	0.00137	1.26	0.0223	0.000298	0.711	0.00169	0.00189	0.0000339	0.000117	0.0000702	0.0328	0.00000351	0.00016	0.000242	0.00113
2059 Sep	31.3	0.0478	0.0604	0.00128	6.74	0.0235	5.03	0.00000328	0.00603	0.00265	0.00323	0.0077	0.00128	4.98	0.00000242	0.0000558	0.0000886	0.000299	0.0153	0.00000279	0.969	0.00128	1.15	0.0208	0.000276	0.653	0.00156	0.00172	0.0000311	0.000109	0.0000658	0.0303	0.00000338	0.000148	0.00023	0.00109
2059 Oct	30.8	0.0474	0.0598	0.00126	6.63	0.023	4.97	0.00000325	0.00608	0.00263	0.0032	0.0075	0.00128	4.9	0.00000249	0.0000552	0.0000877	0.000299	0.0154	0.00000276	0.95	0.00128	1.13	0.0207	0.000273	0.638	0.00153	0.00166	0.0000466	0.000108	0.0000654	0.0299	0.00000334	0.000146	0.000228	0.0011
2059 Nov	31	0.0479	0.0604	0.00127	6.68	0.0231	5	0.00000325	0.00618	0.00265	0.0032	0.0075	0.00129	4.93	0.00000258	0.0000554	0.0000889	0.000304	0.0155	0.00000277	0.955	0.00129	1.13	0.0209	0.000276	0.639	0.00155	0.00166	0.0000625	0.000109	0.000066	0.0301	0.00000334	0.000148	0.000228	0.00112
2059 Dec	31.4	0.0486	0.0614	0.00129	6.75	0.0233	5.06	0.00000326	0.00626	0.00269	0.00321	0.00757	0.00131	4.98	0.00000262	0.0000559	0.00009	0.000307	0.0156	0.00000279	0.964	0.0013	1.14	0.0213	0.00028	0.643	0.00157	0.00167	0.0000662	0.000111	0.0000668	0.0305	0.00000335	0.00015	0.00023	0.00113
2060 Jan	31.7	0.0494	0.0624	0.00131	6.82	0.0234	5.12	0.00000327	0.00633	0.00273	0.00322	0.00763	0.00133	5.03	0.00000265	0.0000563	0.000091	0.00031	0.0158	0.00000282	0.973	0.00132	1.15	0.0216	0.000284	0.648	0.00159	0.00169	0.0000684	0.000112	0.0000677	0.0308	0.00000336	0.000152	0.000232	0.00114
2060 Feb	31.9	0.0499	0.0631	0.00132	6.88	0.0235	5.16	0.00000328	0.00638	0.00276	0.00322	0.00767	0.00135	5.07	0.00000267	0.0000567	0.0000917	0.000312	0.0159	0.00000283	0.98	0.00133	1.16	0.0219	0.000287	0.651	0.0016	0.0017	0.0000696	0.000113	0.0000683	0.0311	0.00000337	0.000154	0.000233	0.00114
2060 Mar	32.1	0.0505	0.0637	0.00133	6.93	0.0236	5.2	0.00000329	0.00643	0.00279	0.00323	0.00772	0.00137	5.11	0.00000269	0.000057	0.0000924	0.000314	0.016	0.00000285	0.987	0.00135	1.16	0.0221	0.00029	0.654	0.00162	0.00171	0.0000704	0.000114	0.0000689	0.0313	0.00000338	0.000156	0.000234	0.00114
2060 Apr	32.5	0.0512	0.0647	0.00135	7.01	0.0239	5.26	0.00000331	0.00651	0.00284	0.00325	0.00779	0.00139	5.17	0.00000272	0.0000576	0.0000935	0.000318	0.0162	0.00000288	0.998	0.00136	1.17	0.0225	0.000294	0.661	0.00164	0.00175	0.0000714	0.000116	0.0000699	0.0317	0.0000034	0.000158	0.000236	0.00115
2060 May	33.1	0.0524	0.0661	0.00138	7.13	0.0243	5.37	0.00000336	0.00663	0.0029	0.0033	0.00794	0.00142	5.26	0.00000276	0.0000587	0.0000952	0.000324	0.0165	0.00000293	1.02	0.00139	1.2	0.023	0.000301	0.673	0.00168	0.00182	0.0000726	0.000118	0.0000713	0.0323	0.00000346	0.000161	0.00024	0.00117
2060 Jun	30.9	0.0457	0.0571	0.00121	6.58	0.0236	4.93	0.00000317	0.00535	0.00244	0.00312	0.00772	0.0012	4.87	0.00000236	0.0000527	0.0000855	0.000285	0.0136	0.00000263	0.955	0.00121	1.16	0.0195	0.000256	0.661	0.00149	0.00177	0.0000382	0.000101	0.0000619	0.0295	0.00000325	0.000137	0.000219	0.00105
2060 Jul	34.1	0.0516	0.0654	0.00135	7.32	0.0253	5.43	0.00000334	0.0059	0.00275	0.00329	0.00844	0.00136	5.37	0.00000251	0.0000573	0.0000945	0.00031	0.0152	0.00000285	1.05	0.00136	1.26	0.0222	0.00029	0.715	0.00166	0.00191	0.0000346	0.000112	0.0000691	0.0328	0.00000343	0.000154	0.000235	0.00111
2060 Aug	33.9	0.0516	0.0653	0.00136	7.29	0.0251	5.41	0.00000338	0.00603	0.00275	0.00332	0.00837	0.00136	5.35	0.00000252	0.0000576	0.0000952	0.000312	0.0156	0.00000287	1.04	0.00136	1.25	0.0223	0.00029	0.709	0.00167	0.00189	0.0000338	0.000112	0.0000693	0.0327	0.00000346	0.000154	0.000237	0.00112
2060 Sep	31.2	0.0476	0.06	0.00126	6.71	0.0232	4.99	0.00000325	0.00589	0.00254	0.0032	0.00764	0.00127	4.94	0.0000024	0.0000546	0.0000882	0.000295	0.0153	0.00000273	0.956	0.00127	1.14	0.0208	0.000269	0.649	0.00153	0.0017	0.000031	0.000105	0.000065	0.0301	0.00000333	0.000144	0.000226	0.00107
2060 Oct	30.8	0.0474	0.0596	0.00126	6.62	0.0228	4.94	0.00000323	0.006	0.00253	0.00318	0.00746	0.00126	4.89	0.00000247	0.0000544	0.0000876	0.000297	0.0154	0.00000272	0.943	0.00127	1.12	0.0208	0.000268	0.636	0.00151	0.00165	0.0000466	0.000106	0.0000651	0.0299	0.00000331	0.000144	0.000225	0.00109
2060 Nov	31	0.0479	0.0602	0.00127	6.67	0.023	4.98	0.00000324	0.00612	0.00255	0.00318	0.00748	0.00128	4.92	0.00000258	0.0000548	0.0000888	0.000302	0.0155	0.00000274	0.949	0.00128	1.13	0.021	0.000271	0.637	0.00153	0.00165	0.0000625	0.000108	0.0000658	0.0301	0.00000331	0.000146	0.000226	0.00111
2060 Dec	31.3	0.0487	0.0612	0.00128	6.75	0.0232	5.04	0.00000325	0.0062	0.00259	0.00319	0.00754	0.0013	4.97	0.00000261	0.0000553	0.0000899	0.000305	0.0156	0.00000277	0.959	0.0013	1.14	0.0214	0.000276	0.642	0.00155	0.00167	0.0000662	0.000109	0.0000667	0.0305	0.00000333	0.000148	0.000228	0.00112
2061 Jan	31.7	0.0494	0.0622	0.0013	6.82	0.0233	5.1	0.00000326	0.00628	0.00263	0.0032	0.0076	0.00132	5.02	0.00000264	0.0000558	0.0000909	0.000308	0.0158	0.00000279	0.969	0.00132	1.14	0.0217	0.00028	0.646	0.00157	0.00168	0.0000683	0.000111	0.0000675	0.0308	0.00000334	0.000151	0.000229	0.00113
2061 Feb	31.9	0.05	0.0629	0.00131	6.87	0.0234	5.14	0.00000327	0.00634	0.00266	0.00321	0.00765	0.00134	5.06	0.00000266	0.0000562	0.0000917	0.00031	0.0159	0.00000281	0.976	0.00133	1.15	0.022	0.000283	0.65	0.00159	0.00169	0.0000695	0.000112	0.0000682	0.0311	0.00000335	0.000152	0.00023	0.00113
2061 Mar	32.1	0.0505	0.0635	0.00132	6.92	0.0235	5.18	0.00000328	0.00639	0.00269	0.00322	0.00769	0.00135	5.1	0.00000268	0.0000565	0.0000923	0.000313	0.016	0.00000283	0.982	0.00134	1.16	0.0222	0.000286	0.653	0.0016	0.00171	0.0000703	0.000113	0.0000688	0.0313	0.00000336	0.000154	0.000232	0.00114
2061 Apr	32.5	0.0513	0.0645	0.00134	7	0.0237	5.24	0.0000033	0.00646	0.00273	0.00324	0.00777	0.00137	5.16	0.00000271	0.0000571	0.0000934	0.000316	0.0162	0.00000286	0.993	0.00136	1.17	0.0226	0.00029	0.659	0.00162	0.00175	0.0000713	0.000114	0.0000697	0.0317	0.00000338	0.000156	0.000234	0.00115
2061 May	33.1	0.0524	0.0658	0.00137	7.12	0.0241	5.34	0.00000335	0.00658	0.00278	0.00329	0.00791	0.0014	5.25	0.00000275	0.0000581	0.0000951	0.000322	0.0165	0.00000291	1.01	0.00139	1.19	0.023	0.000296	0.671	0.00166	0.00182	0.0000724	0.000116	0.0000711	0.0323	0.00000344	0.00016	0.000238	0.00116
2061 Jun	30.8	0.0454	0.0564	0.00119	6.55	0.0236	4.91	0.00000318	0.00549	0.00234	0.00312	0.00772	0.00118	4.85	0.00000237	0.0000533	0.0000852	0.000287	0.0136	0.00000268	0.959	0.00121	1.15	0.0195	0.000254	0.658	0.00147	0.00176	0.0000377	0.000103	0.0000622	0.0293	0.00000327	0.00014	0.00022	0.00106
2061 Jul	33.9	0.0512	0.0645	0.00133	7.29	0.0254	5.41	0.00000336	0.00612	0.00262	0.0033	0.00843	0.00133	5.35	0.00000252	0.0000582	0.0000943	0.000313	0.0152	0.00000293	1.06	0.00135	1.25	0.0222	0.000288	0.711	0.00164	0.00191	0.0000345	0.000115	0.0000696	0.0326	0.00000346	0.000159	0.000238	0.00112
2061 Aug	33.8	0.0512	0.0643	0.00134	7.27	0.0253	5.39	0.0000034	0.00626	0.00263	0.00334	0.00838	0.00133	5.34	0.00000254	0.0000586	0.0000951	0.000315	0.0156	0.00000295	1.05	0.00136	1.24	0.0223	0.000289	0.707	0.00164	0.00188	0.0000339	0.000115	0.0000699	0.0325	0.0000035	0.000159	0.00024	0.00113
2061 Sep	31.1	0.0472	0.059	0.00124	6.69	0.0234	4.96	0.00000328	0.00608	0.00243	0.00322	0.00766	0.00124	4.93	0.00000241	0.0000555	0.0000882	0.000298	0.0152	0.00000279	0.965	0.00127	1.14	0.0207	0.000267	0.648	0.00151	0.0017	0.0000311	0.000108	0.0000655	0.03	0.00000337	0.000148	0.000229	0.00108
2061 Oct	30.6	0.0468	0.0584	0.00123	6.57	0.023	4.9	0.00000325	0.00614	0.0024	0.00319	0.00745	0.00123	4.85	0.00000248	0.000055	0.0000872	0.000298	0.0152	0.00000277	0.947	0.00126	1.11	0.0206	0.000265	0.632	0.00148	0.00165	0.0000463	0.000107	0.0000652	0.0296	0.00000334	0.000147	0.000227	0.0011
2061 Nov	30.7	0.0472	0.059	0.00124	6.62	0.0231	4.93	0.00000325	0.00625	0.00242	0.00319	0.00746	0.00124	4.88	0.00000258	0.0000553	0.0000883	0.000303	0.0153	0.00000278	0.951	0.00127	1.12	0.0208	0.000267	0.633	0.0015	0.00164	0.0000619	0.000109	0.0000657	0.0298	0.00000334	0.000148	0.000228	0.00112
2061 Dec	31.1	0.048	0.0599	0.00126	6.69	0.0232	4.99	0.00000326	0.00633	0.00246	0.0032	0.00752	0.00126	4.93	0.00000262	0.0000558	0.0000894	0.000306	0.0155	0.00000281	0.961	0.00129	1.13	0.0212	0.000272	0.638	0.00152	0.00166	0.0000655	0.00011	0.0000666	0.0302	0.00000335	0.000151	0.000229	0.00113
2062 Jan	31.4	0.0487	0.0609	0.00127	6.77	0.0234	5.05	0.00000327	0.0064	0.0025	0.00321	0.00758	0.00128	4.98	0.00000265	0.0000562	0.0000904	0.000309	0.0157	0.00000283	0.97	0.0013	1.13	0.0215	0.000276	0.642	0.00154	0.00167	0.0000677	0.000112	0.0000675	0.0305	0.00000337	0.000153	0.000231	0.00113
2062 Feb	31.6	0.0493	0.0616	0.00128	6.82	0.0235	5.09	0.00000328	0.00646	0.00252	0.00322	0.00763	0.0013	5.02	0.00000266	0.0000566	0.0000911	0.000311	0.0158	0.00000285	0.977	0.00131	1.14	0.0218	0.000279	0.646	0.00155	0.00168	0.0000689	0.000113	0.0000681	0.0308	0.00000338	0.000155	0.000232	0.00114
2062 Mar	31.9	0.0498	0.0622	0.00129	6.87	0.0236	5.13	0.00000328	0.00651	0.00255	0.00322	0.00767	0.00131	5.05	0.00000268	0.0000569	0.0000918	0.000313	0.0159	0.00000287	0.984	0.00133	1.15	0.022	0.000281	0.649	0.00157	0.0017	0.0000697	0.000114	0.0000687	0.031	0.00000338	0.000156	0.000233	0.00114
2062 Apr	32.2	0.0506	0.0631	0.00131	6.95	0.0238	5.19	0.00000331	0.00658	0.00259	0.00325	0.00775	0.00134	5.11	0.00000271	0.0000575	0.0000928	0.000317	0.0161	0.0000029	0.995	0.00134	1.16	0.0223	0.000286	0.655	0.00159	0.00174	0.0000707	0.000115	0.0000696	0.0314	0.00000341	0.000159	0.000235	0.00115
2062 May	32.8	0.0515	0.0643	0.00133	7.05	0.0242	5.28	0.00000335	0.00669	0.00264	0.00329	0.00787	0.00136	5.2	0.00000275	0.0000584	0.0000943	0.000322	0.0163	0.00000294	1.01	0.00137	1.18	0.0228	0.000291	0.665	0.00162	0.0018	0.0000718	0.000117	0.0000708	0.0319	0.00000345	0.000162	0.000239	0.00117
2062 Jun	30.9	0.0457	0.0566	0.00119	6.58	0.0235	4.91	0.00000316	0.00538	0.00226	0.00311	0.00772	0.00117	4.86	0.00000236	0.0000525	0.0000857	0.000285	0.0136	0.00000263	0.955	0.00121	1.15	0.0196	0.00025	0.659	0.00146	0.00177	0.0000382	0.0001	0.000062	0.0295	0.00000324	0.000137	0.000217	0.00105
2062 Jul	34.5	0.0525	0.0659	0.00135	7.4	0.0254	5.47	0.00000335	0.00605	0.00259	0.0033	0.0085	0.00135	5.42	0.00000253	0.0000577	0.0000958	0.000313	0.0155	0.00000289	1.06	0.00137	1.26	0.0228	0.000289	0.718	0.00165	0.00193	0.0000348	0.000113	0.0000704	0.0332	0.00000344	0.000157	0.000236	0.00111
2062 Aug	34.2	0.0523	0.0655	0.00135	7.36	0.0253	5.44	0.0000034	0.00626	0.00258	0.00334	0.00843	0.00135	5.39	0.00000255	0.0000584	0.0000964	0.000316	0.0158	0.00000294	1.05	0.00137	1.25	0.0228	0.000289	0.711	0.00165	0.0019	0.0000342	0.000114	0.0000707	0.033	0.00000349	0.000159	0.000239	0.00112
2062 Sep	31.3	0.0477	0.0594	0.00124	6.73	0.0235	4.99	0.00000329	0.00625	0.00236	0.00323	0.00769	0.00124	4.96	0.00000244	0.0000563	0.0000889	0.000302	0.0154	0.00000284	0.974	0.00128	1.14	0.0211	0.000269	0.648	0.00151	0.00171	0.0000315	0.00011	0.0000665	0.0302	0.00000339	0.000152	0.000231	0.00109
2062 Oct	30.7	0.0471	0.0584	0.00123	6.62	0.0232	4.93	0.00000328	0.00646	0.00233	0.00321	0.00751	0.00122	4.87	0.00000252	0.0000566	0.0000879	0.000305	0.0154	0.00000287	0.963	0.00127	1.11	0.0209	0.000268	0.633	0.00148	0.00166	0.000047	0.000112	0.0000666	0.0298	0.0000034	0.000155	0.000232	0.00112
2062 Nov	30.9	0.0475	0.0589	0.00123	6.66	0.0234	4.96	0.00000328	0.00662	0.00234	0.00322	0.00753	0.00123	4.9	0.00000263	0.0000571	0.000089	0.00031	0.0155	0.00000291	0.971	0.00128	1.12	0.021	0.000271	0.634	0.00149	0.00165	0.0000628	0.000114	0.0000673	0.03	0.00000341	0.000157	0.000234	0.00114
2062 Dec	31.2	0.0482	0.0598	0.00125	6.73	0.0236	5.02	0.0000033	0.00672	0.00238	0.00323	0.00759	0.00125	4.95	0.00000267	0.0000577	0.0000901	0.000314	0.0156	0.00000294	0.982	0.0013	1.13	0.0214	0.000276	0.639	0.00151	0.00167	0.0000665	0.000116	0.0000683	0.0303	0.00000343	0.00016	0.000236	0.00116
2063 Jan	31.5	0.0489	0.0607	0.00126	6.8	0.0238	5.07	0.00000331	0.00682	0.00241	0.00324	0.00766	0.00127	5	0.0000027	0.0000583	0.000091	0.000318	0.0158	0.00000297	0.992	0.00131	1.13	0.0217	0.00028	0.643	0.00153	0.00168	0.0000686	0.000118	0.0000692	0.0306	0.00000344	0.000163	0.000238	0.00116
2063 Feb	31.8	0.0494	0.0613	0.00127	6.86	0.0239	5.12	0.00000332	0.00688	0.00244	0.00325	0.0077	0.00129	5.04	0.00000272	0.0000587	0.0000918	0.00032	0.0159	0.00000299	1	0.00132	1.14	0.022	0.000283	0.646	0.00155	0.00169	0.0000698	0.000119	0.0000699	0.0309	0.00000346	0.000165	0.00024	0.00117
2063 Mar	32	0.0499	0.0619	0.00128	6.9	0.024	5.15	0.00000333	0.00694	0.00246	0.00326	0.00775	0.0013	5.08	0.00000273	0.0000591	0.0000924	0.000322	0.016	0.00000301	1.01	0.00134	1.15	0.0222	0.000286	0.649	0.00156	0.0017	0.0000706	0.00012	0.0000705	0.0311	0.00000347	0.000167	0.000241	0.00117
2063 Apr	32.4	0.0506	0.0628	0.0013	6.98	0.0242	5.22	0.00000335	0.00703	0.0025	0.00328	0.00783	0.00132	5.13	0.00000276	0.0000598	0.0000935	0.000326	0.0162	0.00000305	1.02	0.00135	1.16	0.0225	0.00029	0.656	0.00158	0.00175	0.0000716	0.000122	0.0000714	0.0315	0.00000349	0.000169	0.000244	0.00118
2063 May	32.9	0.0516	0.064	0.00132	7.09	0.0246	5.31	0.0000034	0.00715	0.00254	0.00332	0.00795	0.00135	5.22	0.00000281	0.0000608	0.000095	0.000331	0.0165	0.0000031	1.04	0.00138	1.18	0.023	0.000296	0.666	0.00161	0.00182	0.0000725	0.000124	0.0000727	0.032	0.00000355	0.000173	0.000248	0.0012
2063 Jun	30.6	0.0447	0.0549	0.00116	6.52	0.024	4.88	0.00000322	0.00596	0.00213	0.00315	0.00776	0.00113	4.82	0.00000241	0.0000555	0.0000851	0.000295	0.0135	0.00000283	0.979	0.0012	1.14	0.0194	0.000253	0.655	0.00143	0.00176	0.0000378	0.000109	0.0000635	0.0291	0.00000336	0.00015	0.000228	0.00109
2063 Jul	33.8	0.0505	0.0629	0.00129	7.26	0.0258	5.37	0.0000034	0.00662	0.0024	0.00333	0.00848	0.00128	5.32	0.00000257	0.0000605	0.0000942	0.000322	0.0151	0.00000309	1.08	0.00134	1.24	0.0221	0.000287	0.708	0.0016	0.0019	0.0000348	0.000121	0.000071	0.0324	0.00000356	0.00017	0.000246	0.00115
2063 Aug	33.6	0.0503	0.0626	0.00129	7.22	0.0256	5.34	0.00000344	0.00672	0.00239	0.00336	0.0084	0.00128	5.3	0.00000258	0.0000607	0.0000948	0.000322	0.0155	0.0000031	1.07	0.00134	1.23	0.0221	0.000287	0.702	0.0016	0.00188	0.0000341	0.000121	0.000071	0.0322	0.00000359	0.00017	0.000248	0.00116
2063 Sep	30.7	0.0461	0.0571	0.0012	6.61	0.0235	4.89	0.0000033	0.00642	0.0022	0.00323	0.00762	0.00118	4.86	0.00000243	0.0000568	0.0000873	0.000302	0.0151	0.0000029	0.971	0.00125	1.12	0.0205	0.000263	0.639	0.00146	0.00168	0.0000312	0.000111	0.000066	0.0296	0.00000343	0.000155	0.000234	0.0011
2063 Oct	30.3	0.046	0.0568	0.00119	6.52	0.0231	4.84	0.00000326	0.00645	0.00219	0.0032	0.00743	0.00118	4.8	0.0000025	0.0000562	0.0000866	0.000302	0.0152	0.00000287	0.954	0.00124	1.1	0.0204	0.000261	0.626	0.00144	0.00163	0.0000468	0.000111	0.0000658	0.0293	0.00000339	0.000153	0.000231	0.00111
2063 Nov	30.5	0.0466	0.0575	0.0012	6.57	0.0232	4.89	0.00000326	0.00654	0.00221	0.0032	0.00745	0.00119	4.84	0.0000026	0.0000564	0.0000879	0.000306	0.0153	0.00000288	0.96	0.00125	1.1	0.0207	0.000264	0.628	0.00145	0.00163	0.0000627	0.000112	0.0000664	0.0296	0.00000339	0.000155	0.000232	0.00113
2063 Dec	30.9	0.0473	0.0585	0.00122	6.65	0.0234	4.94	0.00000328	0.00663	0.00225	0.00321	0.00751	0.00121	4.89	0.00000264	0.0000569	0.000089	0.00031	0.0154	0.0000029	0.97	0.00127	1.11	0.0211	0.000268	0.633	0.00147	0.00165	0.0000664	0.000113	0.0000673	0.0299	0.0000034	0.000157	0.000233	0.00114
2064 Jan	31.2	0.0481	0.0594	0.00124	6.73	0.0235	5	0.00000329	0.0067	0.00228	0.00322	0.00758	0.00123	4.94	0.00000267	0.0000574	0.00009	0.000313	0.0156	0.00000292	0.979	0.00129	1.12	0.0214	0.000272	0.637	0.00149	0.00166	0.0000685	0.000115	0.0000681	0.0303	0.00000341	0.000159	0.000235	0.00115
2064 Feb	31.5	0.0487	0.0601	0.00125	6.78	0.0236	5.04	0.0000033	0.00676	0.00231	0.00323	0.00762	0.00125	4.98	0.00000269	0.0000577	0.0000908	0.000315	0.0157	0.00000294	0.986	0.0013	1.13	0.0217	0.000275	0.641	0.00151	0.00168	0.0000697	0.000116	0.0000688	0.0305	0.00000342	0.000161	0.000236	0.00116
2064 Mar	31.7	0.0492	0.0608	0.00126	6.83	0.0238	5.08	0.0000033	0.00681	0.00233	0.00323	0.00767	0.00126	5.02	0.00000271	0.0000581	0.0000915	0.000317	0.0158	0.00000296	0.993	0.00131	1.13	0.0219	0.000278	0.644	0.00152	0.00169	0.0000705	0.000117	0.0000694	0.0308	0.00000343	0.000163	0.000237	0.00116
2064 Apr	32.1	0.05	0.0617	0.00128	6.91	0.024	5.15	0.00000333	0.00689	0.00237	0.00326	0.00775	0.00128	5.08	0.00000274	0.0000587	0.0000926	0.000321	0.016	0.00000299	1	0.00133	1.15	0.0223	0.000282	0.65	0.00155	0.00173	0.0000715	0.000118	0.0000703	0.0312	0.00000345	0.000165	0.000239	0.00117
2064 May	32.6	0.051	0.063	0.0013	7.02	0.0244	5.24	0.00000337	0.00699	0.00242	0.0033	0.00788	0.00131	5.17	0.00000278	0.0000596	0.0000942	0.000326	0.0163	0.00000304	1.02	0.00136	1.17	0.0227	0.000287	0.661	0.00158	0.0018	0.0000726	0.00012	0.0000716	0.0317	0.0000035	0.000168	0.000243	0.00119
2064 Jun	30.7	0.045	0.0551	0.00115	6.55	0.024	4.88	0.00000321	0.00589	0.00206	0.00314	0.00777	0.00112	4.83	0.0000024	0.0000549	0.0000854	0.000293	0.0136	0.0000028	0.976	0.0012	1.14	0.0195	0.00025	0.656	0.00143	0.00176	0.0000378	0.000107	0.0000634	0.0293	0.00000333	0.000148	0.000226	0.00108
2064 Jul	33.9	0.0508	0.0631	0.00129	7.3	0.0258	5.38	0.0000034	0.00665	0.00232	0.00333	0.0085	0.00126	5.34	0.00000257	0.0000605	0.0000947	0.000322	0.0152	0.00000309	1.08	0.00134	1.24	0.0223	0.000286	0.709	0.00159	0.00191	0.0000348	0.000121	0.0000714	0.0326	0.00000356	0.000171	0.000246	0.00115
2064 Aug	33.6	0.0503	0.0624	0.00129	7.23	0.0256	5.33	0.00000343	0.00676	0.0023	0.00336	0.0084	0.00126	5.29	0.00000258	0.0000606	0.000095	0.000322	0.0155	0.0000031	1.07	0.00134	1.22	0.0222	0.000284	0.7	0.00158	0.00187	0.0000341	0.00012	0.0000712	0.0323	0.00000358	0.00017	0.000247	0.00116
2064 Sep	30.5	0.046	0.0566	0.00118	6.57	0.0234	4.86	0.00000328	0.00646	0.00211	0.00321	0.00757	0.00116	4.83	0.00000243	0.0000567	0.000087	0.000301	0.0151	0.0000029	0.967	0.00124	1.11	0.0205	0.00026	0.635	0.00144	0.00167	0.0000311	0.000111	0.0000659	0.0294	0.00000342	0.000155	0.000233	0.0011
2064 Oct	30.1	0.0459	0.0563	0.00118	6.48	0.023	4.81	0.00000325	0.0065	0.00209	0.00318	0.00737	0.00115	4.77	0.00000253	0.000056	0.0000864	0.000302	0.0151	0.00000286	0.948	0.00123	1.09	0.0205	0.000258	0.62	0.00141	0.00161	0.000053	0.00011	0.0000657	0.0291	0.00000337	0.000154	0.00023	0.00112
2064 Nov	30.5	0.0465	0.0571	0.00119	6.56	0.0232	4.87	0.00000325	0.00661	0.00212	0.00318	0.00741	0.00117	4.82	0.00000266	0.0000563	0.0000882	0.000308	0.0152	0.00000288	0.957	0.00125	1.1	0.0208	0.000261	0.624	0.00143	0.00162	0.0000736	0.000112	0.0000665	0.0295	0.00000337	0.000155	0.000231	0.00115
2064 Dec	30.9	0.0474	0.0582	0.00121	6.65	0.0234	4.93	0.00000326	0.0067	0.00216	0.00319	0.00748	0.00119	4.88	0.0000027	0.0000568	0.0000894	0.000311	0.0154	0.0000029	0.969	0.00127	1.11	0.0212	0.000265	0.63	0.00146	0.00164	0.0000773	0.000114	0.0000675	0.0299	0.00000339	0.000158	0.000232	0.00116
2065 Jan	31.2	0.0482	0.0592	0.00123	6.73	0.0235	5	0.00000328	0.00679	0.0022	0.00321	0.00756	0.00122	4.94	0.00000273	0.0000574	0.0000906	0.000315	0.0156	0.00000293	0.98	0.00129	1.12	0.0216	0.00027	0.635	0.00148	0.00165	0.0000793	0.000115	0.0000684	0.0303	0.0000034	0.00016	0.000234	0.00116
2065 Feb	31.5	0.0488	0.06	0.00124	6.79	0.0237	5.04	0.00000329	0.00685	0.00222	0.00321	0.00761	0.00123	4.98	0.00000275	0.0000578	0.0000914	0.000317	0.0157	0.00000295	0.987	0.0013	1.13	0.0218	0.000273	0.639	0.0015	0.00167	0.0000803	0.000116	0.0000691	0.0306	0.00000341	0.000162	0.000236	0.00117
2065 Mar	31.7	0.0493	0.0607	0.00125	6.85	0.0238	5.08	0.00000329	0.0069	0.00225	0.00322	0.00766	0.00125	5.02	0.00000277	0.0000581	0.0000921	0.000319	0.0159	0.00000297	0.995	0.00131	1.13	0.0221	0.000276	0.643	0.00151	0.00168	0.000081	0.000117	0.0000698	0.0309	0.00000342	0.000164	0.000237	0.00117
2065 Apr	32.1	0.0502	0.0617	0.00127	6.93	0.024	5.15	0.00000332	0.00698	0.00229	0.00325	0.00774	0.00127	5.08	0.0000028	0.0000587	0.0000933	0.000323	0.016	0.000003	1.01	0.00133	1.14	0.0225	0.00028	0.649	0.00154	0.00173	0.0000817	0.000119	0.0000708	0.0313	0.00000345	0.000167	0.000239	0.00118
2065 May	32.8	0.0514	0.0631	0.0013	7.06	0.0245	5.26	0.00000337	0.00711	0.00234	0.0033	0.0079	0.0013	5.19	0.00000285	0.0000599	0.0000951	0.000329	0.0163	0.00000306	1.03	0.00136	1.17	0.023	0.000287	0.662	0.00157	0.00181	0.0000827	0.000121	0.0000723	0.0319	0.00000351	0.00017	0.000243	0.0012
2065 Jun	30.4	0.0444	0.054	0.00113	6.48	0.0236	4.81	0.00000317	0.00567	0.00196	0.00311	0.00767	0.00108	4.77	0.00000237	0.0000534	0.0000847	0.000287	0.0134	0.00000272	0.958	0.00118	1.13	0.0193	0.000241	0.65	0.0014	0.00175	0.0000391	0.000103	0.0000621	0.0289	0.00000328	0.000142	0.00022	0.00106
2065 Jul	33.5	0.05	0.0616	0.00126	7.2	0.0253	5.28	0.00000335	0.00624	0.0022	0.00328	0.00837	0.00122	5.26	0.00000252	0.0000579	0.0000935	0.000311	0.0149	0.00000295	1.05	0.00131	1.23	0.022	0.000273	0.703	0.00155	0.00189	0.0000349	0.000113	0.0000691	0.0321	0.00000346	0.00016	0.000236	0.00112
2065 Aug	33.5	0.0502	0.0617	0.00127	7.2	0.0253	5.28	0.00000339	0.00637	0.00221	0.00333	0.00834	0.00123	5.26	0.00000254	0.0000584	0.0000945	0.000313	0.0153	0.00000297	1.05	0.00132	1.22	0.0221	0.000274	0.7	0.00156	0.00187	0.0000343	0.000114	0.0000695	0.0321	0.00000351	0.00016	0.000239	0.00113
2065 Sep	30.7	0.0462	0.0566	0.00118	6.61	0.0233	4.86	0.00000326	0.00613	0.00204	0.0032	0.00761	0.00114	4.85	0.0000024	0.000055	0.0000875	0.000295	0.015	0.0000028	0.959	0.00123	1.12	0.0206	0.000252	0.641	0.00143	0.00169	0.0000313	0.000106	0.0000649	0.0296	0.00000336	0.000148	0.000226	0.00108
2065 Oct	30.1	0.0457	0.0558	0.00117	6.47	0.0228	4.78	0.00000322	0.00617	0.00201	0.00316	0.00736	0.00113	4.76	0.00000247	0.0000543	0.0000863	0.000294	0.015	0.00000276	0.935	0.00122	1.09	0.0204	0.000249	0.623	0.0014	0.00162	0.0000475	0.000105	0.0000644	0.0291	0.00000332	0.000146	0.000223	0.00109
2065 Nov	30.4	0.0463	0.0566	0.00118	6.53	0.0229	4.82	0.00000323	0.00628	0.00203	0.00317	0.00738	0.00115	4.8	0.00000257	0.0000546	0.0000876	0.000299	0.0151	0.00000278	0.942	0.00123	1.09	0.0207	0.000252	0.625	0.00141	0.00162	0.0000638	0.000106	0.0000651	0.0294	0.00000332	0.000147	0.000224	0.00111
2065 Dec	30.7	0.0471	0.0576	0.0012	6.62	0.0231	4.88	0.00000324	0.00637	0.00207	0.00318	0.00745	0.00117	4.86	0.00000261	0.0000551	0.0000888	0.000303	0.0153	0.0000028	0.953	0.00125	1.1	0.0211	0.000256	0.63	0.00144	0.00164	0.0000676	0.000108	0.0000661	0.0298	0.00000333	0.00015	0.000226	0.00112
2066 Jan	31.1	0.0479	0.0586	0.00121	6.69	0.0232	4.94	0.00000325	0.00646	0.0021	0.00319	0.00752	0.00119	4.91	0.00000264	0.0000556	0.0000899	0.000306	0.0155	0.00000283	0.963	0.00127	1.11	0.0214	0.000261	0.635	0.00146	0.00166	0.0000698	0.00011	0.000067	0.0302	0.00000335	0.000153	0.000228	0.00113
2066 Feb	31.4	0.0485	0.0594	0.00122	6.75	0.0234	4.99	0.00000326	0.00652	0.00213	0.0032	0.00757	0.00121	4.95	0.00000267	0.000056	0.0000907	0.000308	0.0156	0.00000285	0.971	0.00128	1.12	0.0217	0.000264	0.639	0.00147	0.00167	0.000071	0.000111	0.0000677	0.0304	0.00000336	0.000154	0.000229	0.00113

Appendix C14: A76 Lake

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	31.6	0.0491	0.06	0.00124	6.81	0.0235	5.03	0.00000327	0.00658	0.00215	0.0032	0.00762	0.00122	4.99	0.00000268	0.0000564	0.0000914	0.000311	0.0157	0.00000287	0.978	0.0013	1.13	0.022	0.000267	0.642	0.00149	0.00168	0.0000718	0.000112	0.0000684	0.0307	0.00000337	0.000156	0.00023	0.00114
2066 Apr	32	0.0499	0.0611	0.00125	6.89	0.0237	5.1	0.00000329	0.00667	0.00219	0.00323	0.0077	0.00124	5.05	0.00000271	0.0000571	0.0000926	0.000314	0.0159	0.0000029	0.99	0.00132	1.14	0.0224	0.000271	0.649	0.00151	0.00173	0.0000727	0.000113	0.0000694	0.0311	0.00000339	0.000159	0.000233	0.00115
2066 May	32.6	0.051	0.0623	0.00128	7.01	0.0241	5.2	0.00000334	0.00678	0.00224	0.00327	0.00784	0.00127	5.14	0.00000276	0.000058	0.0000942	0.00032	0.0162	0.00000295	1.01	0.00134	1.16	0.0228	0.000277	0.66	0.00154	0.00181	0.0000737	0.000115	0.0000707	0.0317	0.00000344	0.000162	0.000236	0.00117
2066 Jun	30.4	0.0442	0.0536	0.00112	6.46	0.0236	4.78	0.00000317	0.00566	0.00188	0.00311	0.00766	0.00107	4.76	0.00000236	0.0000532	0.0000845	0.000285	0.0134	0.00000271	0.956	0.00117	1.13	0.0193	0.000238	0.649	0.00138	0.00175	0.0000378	0.000102	0.0000618	0.0289	0.00000327	0.000141	0.000219	0.00106
2066 Jul	33.5	0.05	0.0615	0.00126	7.2	0.0254	5.27	0.00000335	0.00632	0.00212	0.00328	0.00838	0.00121	5.26	0.00000252	0.0000581	0.0000936	0.000312	0.015	0.00000297	1.05	0.00131	1.22	0.022	0.000271	0.702	0.00154	0.00189	0.0000345	0.000114	0.0000694	0.0321	0.00000347	0.000161	0.000237	0.00112
2066 Aug	33.3	0.0498	0.0611	0.00125	7.16	0.0252	5.24	0.00000339	0.00643	0.00211	0.00332	0.00831	0.00121	5.23	0.00000253	0.0000584	0.0000941	0.000313	0.0153	0.00000298	1.04	0.00131	1.21	0.0221	0.00027	0.696	0.00153	0.00186	0.0000339	0.000114	0.0000694	0.0319	0.0000035	0.000161	0.000238	0.00113
2066 Sep	30.4	0.0456	0.0557	0.00116	6.54	0.0231	4.8	0.00000325	0.00618	0.00194	0.00319	0.00752	0.00111	4.8	0.00000239	0.0000549	0.0000866	0.000293	0.0149	0.0000028	0.951	0.00122	1.1	0.0204	0.000248	0.633	0.0014	0.00167	0.000031	0.000105	0.0000646	0.0293	0.00000335	0.000148	0.000226	0.00107
2066 Oct	30	0.0455	0.0554	0.00115	6.44	0.0227	4.74	0.00000321	0.00626	0.00192	0.00315	0.00731	0.00111	4.73	0.00000249	0.0000544	0.0000859	0.000295	0.015	0.00000277	0.933	0.00121	1.08	0.0204	0.000247	0.618	0.00138	0.00161	0.0000519	0.000105	0.0000645	0.0289	0.00000331	0.000147	0.000223	0.00109
2066 Nov	30.3	0.0462	0.0563	0.00117	6.52	0.0229	4.81	0.00000322	0.0064	0.00195	0.00316	0.00735	0.00113	4.79	0.00000262	0.0000548	0.0000877	0.000301	0.0151	0.0000028	0.943	0.00123	1.09	0.0207	0.00025	0.622	0.0014	0.00161	0.0000718	0.000107	0.0000654	0.0293	0.00000332	0.000149	0.000225	0.00112
2066 Dec	30.7	0.047	0.0573	0.00118	6.61	0.0231	4.87	0.00000323	0.0065	0.00199	0.00317	0.00743	0.00115	4.85	0.00000266	0.0000553	0.0000889	0.000305	0.0153	0.00000283	0.955	0.00125	1.1	0.0211	0.000255	0.627	0.00142	0.00163	0.0000754	0.000109	0.0000664	0.0298	0.00000334	0.000152	0.000226	0.00113
2067 Jan	31.1	0.0479	0.0584	0.0012	6.69	0.0233	4.93	0.00000325	0.00659	0.00202	0.00318	0.0075	0.00117	4.9	0.00000269	0.0000559	0.0000901	0.000308	0.0155	0.00000285	0.966	0.00127	1.11	0.0215	0.000259	0.633	0.00144	0.00165	0.0000775	0.000111	0.0000673	0.0301	0.00000335	0.000155	0.000228	0.00114
2067 Feb	31.4	0.0485	0.0591	0.00121	6.76	0.0234	4.98	0.00000326	0.00665	0.00205	0.00319	0.00756	0.00119	4.95	0.00000271	0.0000563	0.0000909	0.000311	0.0156	0.00000288	0.974	0.00128	1.12	0.0218	0.000263	0.637	0.00146	0.00166	0.0000786	0.000112	0.0000681	0.0304	0.00000336	0.000157	0.00023	0.00115
2067 Mar	31.6	0.049	0.0598	0.00123	6.81	0.0235	5.02	0.00000327	0.00671	0.00207	0.0032	0.00761	0.0012	4.99	0.00000273	0.0000567	0.0000917	0.000313	0.0158	0.0000029	0.981	0.00129	1.12	0.0221	0.000266	0.64	0.00147	0.00167	0.0000793	0.000113	0.0000687	0.0307	0.00000337	0.000158	0.000231	0.00115
2067 Apr	32	0.0499	0.0608	0.00124	6.9	0.0238	5.09	0.00000329	0.0068	0.00211	0.00322	0.0077	0.00123	5.05	0.00000276	0.0000574	0.0000929	0.000317	0.016	0.00000293	0.994	0.00131	1.14	0.0225	0.00027	0.647	0.0015	0.00173	0.0000801	0.000115	0.0000698	0.0311	0.0000034	0.000161	0.000233	0.00116
2067 May	32.7	0.0512	0.0623	0.00127	7.04	0.0242	5.21	0.00000335	0.00694	0.00216	0.00328	0.00786	0.00126	5.16	0.00000281	0.0000586	0.0000948	0.000323	0.0163	0.00000299	1.02	0.00135	1.16	0.023	0.000277	0.66	0.00154	0.00181	0.000081	0.000117	0.0000714	0.0318	0.00000346	0.000165	0.000238	0.00118
2067 Jun	30.2	0.0439	0.053	0.0011	6.43	0.0235	4.75	0.00000316	0.00563	0.0018	0.0031	0.00764	0.00104	4.74	0.00000236	0.0000528	0.0000842	0.000284	0.0133	0.0000027	0.952	0.00116	1.12	0.0192	0.000234	0.647	0.00136	0.00175	0.0000386	0.000101	0.0000615	0.0287	0.00000326	0.00014	0.000218	0.00105
2067 Jul	33.5	0.0498	0.061	0.00124	7.19	0.0253	5.25	0.00000334	0.00628	0.00203	0.00327	0.00836	0.00118	5.24	0.00000251	0.0000577	0.0000934	0.00031	0.0149	0.00000295	1.05	0.0013	1.22	0.022	0.000267	0.701	0.00152	0.00189	0.0000347	0.000112	0.000069	0.032	0.00000345	0.00016	0.000235	0.00111
2067 Aug	33.2	0.0496	0.0606	0.00124	7.13	0.025	5.2	0.00000337	0.00638	0.00202	0.0033	0.00827	0.00118	5.21	0.00000252	0.0000578	0.0000939	0.00031	0.0153	0.00000295	1.04	0.0013	1.21	0.022	0.000266	0.693	0.00151	0.00186	0.0000339	0.000112	0.000069	0.0318	0.00000348	0.000159	0.000236	0.00112
2067 Sep	30.4	0.0456	0.0554	0.00115	6.53	0.023	4.78	0.00000324	0.00616	0.00187	0.00318	0.00751	0.00109	4.79	0.00000239	0.0000545	0.0000866	0.000292	0.0149	0.00000279	0.948	0.00121	1.1	0.0205	0.000245	0.632	0.00139	0.00166	0.000031	0.000104	0.0000644	0.0292	0.00000334	0.000147	0.000224	0.00107
2067 Oct	29.9	0.0454	0.0549	0.00114	6.42	0.0226	4.72	0.00000321	0.00625	0.00185	0.00315	0.00729	0.00109	4.72	0.00000248	0.0000541	0.0000858	0.000294	0.015	0.00000276	0.93	0.00121	1.07	0.0204	0.000244	0.616	0.00136	0.0016	0.0000516	0.000104	0.0000643	0.0289	0.0000033	0.000146	0.000222	0.00109
2067 Nov	30.2	0.046	0.0557	0.00115	6.5	0.0228	4.78	0.00000321	0.00639	0.00187	0.00315	0.00734	0.00111	4.77	0.00000261	0.0000545	0.0000875	0.0003	0.0151	0.00000279	0.94	0.00122	1.08	0.0207	0.000247	0.62	0.00138	0.00161	0.0000707	0.000107	0.0000651	0.0292	0.00000331	0.000149	0.000223	0.00112
2067 Dec	30.6	0.0469	0.0568	0.00117	6.59	0.023	4.84	0.00000323	0.00649	0.00191	0.00316	0.00741	0.00113	4.83	0.00000265	0.0000551	0.0000887	0.000303	0.0153	0.00000282	0.951	0.00124	1.09	0.0211	0.000252	0.625	0.0014	0.00163	0.0000744	0.000108	0.0000661	0.0297	0.00000333	0.000151	0.000225	0.00113
2068 Jan	31	0.0477	0.0578	0.00119	6.67	0.0232	4.9	0.00000324	0.00657	0.00194	0.00317	0.00748	0.00115	4.88	0.00000268	0.0000556	0.0000899	0.000307	0.0155	0.00000284	0.962	0.00126	1.1	0.0215	0.000256	0.63	0.00142	0.00164	0.0000765	0.00011	0.0000671	0.03	0.00000334	0.000154	0.000227	0.00114
2068 Feb	31.3	0.0483	0.0586	0.0012	6.73	0.0233	4.95	0.00000325	0.00664	0.00196	0.00318	0.00754	0.00117	4.93	0.0000027	0.000056	0.0000907	0.000309	0.0156	0.00000287	0.97	0.00127	1.11	0.0218	0.000259	0.634	0.00144	0.00166	0.0000776	0.000111	0.0000678	0.0303	0.00000335	0.000156	0.000228	0.00114
2068 Mar	31.5	0.0488	0.0592	0.00121	6.79	0.0234	4.99	0.00000326	0.00669	0.00199	0.00319	0.00759	0.00118	4.97	0.00000272	0.0000564	0.0000914	0.000312	0.0157	0.00000288	0.978	0.00129	1.12	0.022	0.000262	0.638	0.00145	0.00167	0.0000783	0.000112	0.0000685	0.0306	0.00000336	0.000158	0.00023	0.00115
2068 Apr	31.9	0.0497	0.0602	0.00123	6.87	0.0237	5.06	0.00000328	0.00678	0.00202	0.00322	0.00768	0.0012	5.03	0.00000275	0.0000571	0.0000926	0.000315	0.0159	0.00000292	0.99	0.00131	1.13	0.0224	0.000266	0.645	0.00148	0.00172	0.000079	0.000113	0.0000695	0.031	0.00000339	0.00016	0.000232	0.00116
2068 May	32.5	0.0508	0.0615	0.00125	6.99	0.0241	5.16	0.00000333	0.0069	0.00206	0.00326	0.00782	0.00123	5.12	0.00000279	0.0000581	0.0000943	0.000321	0.0162	0.00000297	1.01	0.00133	1.15	0.0229	0.000272	0.656	0.00151	0.00181	0.0000797	0.000116	0.0000709	0.0316	0.00000344	0.000164	0.000236	0.00117
2068 Jun	30.1	0.0437	0.0524	0.00109	6.39	0.0234	4.72	0.00000315	0.00563	0.00172	0.00309	0.0076	0.00102	4.71	0.00000235	0.0000526	0.0000837	0.000282	0.0132	0.00000269	0.947	0.00115	1.11	0.0192	0.000231	0.644	0.00134	0.00174	0.0000378	0.0001	0.0000612	0.0286	0.00000325	0.00014	0.000217	0.00105
2068 Jul	33.3	0.0496	0.0605	0.00123	7.15	0.0252	5.21	0.00000333	0.00629	0.00195	0.00326	0.00832	0.00116	5.22	0.00000251	0.0000575	0.0000931	0.000309	0.0149	0.00000294	1.04	0.00129	1.21	0.022	0.000264	0.697	0.0015	0.00188	0.0000346	0.000112	0.0000688	0.0319	0.00000345	0.000159	0.000234	0.00111
2068 Aug	33.3	0.0497	0.0605	0.00123	7.15	0.0251	5.21	0.00000338	0.00642	0.00195	0.00331	0.0083	0.00117	5.22	0.00000253	0.000058	0.0000942	0.000311	0.0153	0.00000297	1.04	0.0013	1.21	0.0222	0.000264	0.695	0.00151	0.00186	0.0000342	0.000112	0.0000692	0.0319	0.00000349	0.00016	0.000236	0.00112
2068 Sep	30.3	0.0454	0.0548	0.00114	6.51	0.023	4.75	0.00000324	0.00613	0.00179	0.00317	0.0075	0.00107	4.77	0.00000238	0.0000543	0.0000864	0.000291	0.0149	0.00000277	0.946	0.0012	1.1	0.0204	0.000242	0.631	0.00137	0.00166	0.0000311	0.000103	0.0000641	0.0291	0.00000333	0.000146	0.000223	0.00107
2068 Oct	29.7	0.0451	0.0542	0.00112	6.39	0.0225	4.68	0.0000032	0.00619	0.00177	0.00314	0.00726	0.00106	4.69	0.00000246	0.0000536	0.0000854	0.000291	0.0149	0.00000274	0.924	0.00119	1.07	0.0203	0.000239	0.614	0.00134	0.0016	0.0000504	0.000103	0.0000638	0.0287	0.00000329	0.000144	0.00022	0.00108
2068 Nov	30.1	0.0457	0.0551	0.00114	6.47	0.0227	4.74	0.0000032	0.00631	0.00179	0.00314	0.00731	0.00108	4.74	0.00000258	0.000054	0.0000871	0.000297	0.015	0.00000276	0.933	0.00121	1.08	0.0206	0.000242	0.618	0.00136	0.0016	0.0000686	0.000105	0.0000646	0.0291	0.00000329	0.000146	0.000221	0.00111
2068 Dec	30.5	0.0466	0.0561	0.00115	6.55	0.0229	4.8	0.00000321	0.0064	0.00182	0.00315	0.00738	0.0011	4.8	0.00000262	0.0000545	0.0000883	0.0003	0.0152	0.00000279	0.944	0.00123	1.09	0.021	0.000247	0.623	0.00138	0.00162	0.0000723	0.000106	0.0000656	0.0295	0.00000331	0.000149	0.000223	0.00112
2069 Jan	30.8	0.0473	0.0571	0.00117	6.63	0.0231	4.86	0.00000323	0.00649	0.00185	0.00316	0.00745	0.00112	4.86	0.00000265	0.000055	0.0000894	0.000304	0.0154	0.00000281	0.955	0.00125	1.1	0.0214	0.000251	0.628	0.0014	0.00164	0.0000744	0.000108	0.0000665	0.0299	0.00000332	0.000151	0.000225	0.00112
2069 Feb	31.1	0.0479	0.0578	0.00118	6.69	0.0232	4.91	0.00000324	0.00655	0.00188	0.00317	0.0075	0.00114	4.9	0.00000267	0.0000554	0.0000902	0.000306	0.0155	0.00000283	0.962	0.00126	1.1	0.0217	0.000254	0.632	0.00142	0.00165	0.0000755	0.000109	0.0000672	0.0301	0.00000333	0.000153	0.000226	0.00113
2069 Mar	31.4	0.0485	0.0585	0.00119	6.75	0.0233	4.95	0.00000324	0.0066	0.0019	0.00318	0.00755	0.00115	4.93	0.00000269	0.0000557	0.0000909	0.000308	0.0156	0.00000285	0.969	0.00127	1.11	0.0219	0.000257	0.635	0.00143	0.00166	0.0000762	0.00011	0.0000678	0.0304	0.00000334	0.000155	0.000227	0.00113
2069 Apr	31.8	0.0493	0.0595	0.00121	6.83	0.0235	5.01	0.00000327	0.00668	0.00193	0.0032	0.00763	0.00117	5	0.00000272	0.0000564	0.0000921	0.000312	0.0158	0.00000288	0.981	0.00129	1.12	0.0223	0.000261	0.642	0.00145	0.00172	0.0000771	0.000111	0.0000688	0.0308	0.00000337	0.000157	0.000229	0.00114
2069 May	32.3	0.0503	0.0607	0.00123	6.94	0.0239	5.11	0.00000331	0.00679	0.00197	0.00325	0.00776	0.0012	5.08	0.00000276	0.0000573	0.0000936	0.000317	0.0161	0.00000293	0.998	0.00131	1.14	0.0228	0.000266	0.652	0.00148	0.0018	0.0000779	0.000113	0.0000701	0.0313	0.00000341	0.00016	0.000233	0.00116
2069 Jun	29.9	0.0433	0.0517	0.00107	6.36	0.0232	4.67	0.00000312	0.00541	0.00164	0.00307	0.00755	0.00099	4.68	0.00000232	0.0000512	0.0000833	0.000277	0.0131	0.00000261	0.934	0.00114	1.11	0.019	0.000224	0.641	0.00132	0.00174	0.000038	0.0000962	0.0000601	0.0284	0.0000032	0.000134	0.000211	0.00103
2069 Jul	33.1	0.0491	0.0595	0.00121	7.1	0.0249	5.15	0.0000033	0.00599	0.00185	0.00324	0.00825	0.00113	5.17	0.00000247	0.0000557	0.0000924	0.000301	0.0147	0.00000284	1.03	0.00127	1.21	0.0218	0.000254	0.695	0.00147	0.00187	0.0000345	0.000106	0.0000672	0.0316	0.00000338	0.000151	0.000227	0.00109
2069 Aug	33.1	0.0492	0.0596	0.00121	7.1	0.0248	5.15	0.00000334	0.00612	0.00186	0.00328	0.00823	0.00113	5.18	0.00000249	0.0000562	0.0000935	0.000304	0.0151	0.00000286	1.02	0.00128	1.2	0.022	0.000255	0.692	0.00148	0.00185	0.0000339	0.000107	0.0000677	0.0317	0.00000343	0.000152	0.00023	0.0011
2069 Sep	30.4	0.0454	0.0547	0.00113	6.53	0.0229	4.74	0.00000322	0.00592	0.00172	0.00316	0.00751	0.00105	4.78	0.00000236	0.0000531	0.0000867	0.000286	0.0148	0.0000027	0.938	0.0012	1.1	0.0204	0.000236	0.634	0.00136	0.00167	0.0000311	0.0000995	0.0000633	0.0292	0.00000329	0.000141	0.000218	0.00105
2069 Oct	29.8	0.045	0.054	0.00112	6.4	0.0224	4.66	0.00000318	0.00598	0.0017	0.00313	0.00728	0.00104	4.69	0.00000243	0.0000525	0.0000855	0.000286	0.0149	0.00000267	0.917	0.00118	1.07	0.0203	0.000233	0.616	0.00133	0.00161	0.0000468	0.0000991	0.0000629	0.0287	0.00000325	0.000139	0.000216	0.00106
2069 Nov	30.1	0.0455	0.0547	0.00113	6.45	0.0225	4.71	0.00000319	0.0061	0.00172	0.00313	0.00729	0.00106	4.73	0.00000253	0.0000528	0.0000868	0.000291	0.015	0.00000269	0.924	0.0012	1.08	0.0206	0.000236	0.618	0.00134	0.00161	0.0000628	0.000101	0.0000636	0.029	0.00000326	0.000141	0.000217	0.00109
2069 Dec	30.4	0.0463	0.0556	0.00114	6.53	0.0227	4.77	0.0000032	0.00619	0.00175	0.00314	0.00736	0.00108	4.78	0.00000257	0.0000533	0.0000879	0.000295	0.0151	0.00000272	0.934	0.00121	1.09	0.0209	0.00024	0.623	0.00136	0.00162	0.0000664	0.000102	0.0000646	0.0294	0.00000327	0.000143	0.000218	0.0011
2070 Jan	30.7	0.047	0.0565	0.00116	6.61	0.0228	4.82	0.00000321	0.00627	0.00178	0.00315	0.00742	0.00109	4.83	0.0000026	0.0000538	0.0000889	0.000298	0.0153	0.00000274	0.943	0.00123	1.09	0.0213	0.000244	0.627	0.00138	0.00164	0.0000686	0.000104	0.0000654	0.0297	0.00000328	0.000146	0.00022	0.0011
2070 Feb	31	0.0475	0.0572	0.00117	6.66	0.023	4.86	0.00000322	0.00632	0.0018	0.00316	0.00747	0.00111	4.87	0.00000261	0.0000541	0.0000896	0.0003	0.0154	0.00000276	0.95	0.00124	1.1	0.0215	0.000247	0.63	0.0014	0.00165	0.0000697	0.000105	0.0000661	0.03	0.00000329	0.000148	0.000221	0.00111
2070 Mar	31.2	0.048	0.0578	0.00118	6.71	0.0231	4.9	0.00000322	0.00637	0.00182	0.00317	0.00751	0.00112	4.9	0.00000263	0.0000545	0.0000903	0.000302	0.0155	0.00000278	0.957	0.00125	1.11	0.0218	0.000249	0.634	0.00141	0.00166	0.0000705	0.000106	0.0000666	0.0302	0.0000033	0.000149	0.000222	0.00111
2070 Apr	31.6	0.0488	0.0588	0.00119	6.79	0.0233	4.96	0.00000325	0.00646	0.00185	0.00319	0.00759	0.00114	4.96	0.00000266	0.0000551	0.0000914	0.000305	0.0157	0.00000281	0.968	0.00127	1.12	0.0221	0.000254	0.64	0.00143	0.00171	0.0000715	0.000107	0.0000676	0.0306	0.00000332	0.000152	0.000224	0.00112
2070 May	32.2	0.0499	0.06	0.00122	6.9	0.0237	5.06	0.0000033	0.00657	0.00188	0.00323	0.00772	0.00116	5.05	0.0000027	0.0000561	0.000093	0.000311	0.016	0.00000286	0.986	0.0013	1.14	0.0226	0.000259	0.651	0.00146	0.00179	0.0000726	0.000109	0.0000689	0.0312	0.00000337	0.000155	0.000228	0.00114
2070 Jun	29.9	0.0432	0.0516	0.00107	6.35	0.023	4.65	0.00000311	0.0053	0.00159	0.00306	0.00753	0.000971	4.67	0.0000023	0.0000505	0.0000832	0.000274	0.0131	0.00000257	0.927	0.00113	1.11	0.0191	0.00022	0.641	0.0013	0.00173	0.0000375	0.0000939	0.0000596	0.0284	0.00000318	0.000131	0.000209	0.00102
2070 Jul	33.2	0.0491	0.0596	0.0012	7.11	0.0247	5.14	0.00000329	0.00588	0.00179	0.00323	0.00825	0.00111	5.18	0.00000245	0.000055	0.0000925	0.000299	0.0147	0.00000279	1.02	0.00127	1.21	0.0219	0.000251	0.695	0.00146	0.00187	0.0000343	0.000104	0.0000669	0.0317	0.00000336	0.000148	0.000224	0.00108
2070 Aug	32.9	0.0489	0.0592	0.0012	7.06	0.0246	5.1	0.00000332	0.00599	0.00179	0.00326	0.00817	0.0011	5.14	0.00000246	0.0000552	0.000093	0.000299	0.0151	0.0000028	1.01	0.00127	1.19	0.0219	0.00025	0.688	0.00146	0.00184	0.0000336	0.000104	0.0000669	0.0315	0.00000339	0.000148	0.000226	0.00108
2070 Sep	30.1	0.0449	0.054	0.00111	6.46	0.0225	4.68	0.00000319	0.00579	0.00165	0.00314	0.0074	0.00102	4.72	0.00000233	0.000052	0.0000857	0.000282	0.0147	0.00000264	0.923	0.00118	1.08	0.0203	0.00023	0.626	0.00133	0.00165	0.0000307	0.0000965	0.0000624	0.0289	0.00000325	0.000137	0.000214	0.00104
2070 Oct	29.7	0.0448	0.0537	0.0011	6.36	0.0221	4.63	0.00000316	0.00589	0.00164	0.0031	0.0072	0.00102	4.66	0.00000243	0.0000517	0.000085	0.000284	0.0148	0.00000263	0.907	0.00117	1.06	0.0203	0.000229	0.611	0.00131	0.00159	0.0000506	0.0000969	0.0000625	0.0286	0.00000321	0.000136	0.000212	0.00105
2070 Nov	30.1	0.0455	0.0546	0.00112	6.45	0.0224	4.69	0.00000316	0.00603	0.00166	0.00311	0.00725	0.00104	4.72	0.00000255	0.0000521	0.0000868	0.00029	0.015	0.00000265	0.917	0.00119	1.07	0.0207	0.000233	0.615	0.00133	0.0016	0.0000692	0.000099	0.0000634	0.029	0.00000322	0.000139	0.000214	0.00108
2070 Dec	30.4	0.0463	0.0556	0.00114	6.54	0.0226	4.76	0.00000318	0.00612	0.00169	0.00312	0.00732	0.00106	4.78	0.00000259	0.0000526	0.000088	0.000293	0.0152	0.00000268	0.928	0.00121	1.08	0.021	0.000237	0.621	0.00135	0.00161	0.0000728	0.000101	0.0000643	0.0294	0.00000324	0.000141	0.000215	0.00109

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	22.2	0.0137	0.021	0.00129	2.06	0.0265	3.71	0.00000461	0.00171	0.000274	0.00479	0.00704	0.0000109	3.31	0.00000243	0.0000558	0.0000566	0.000256	0.0061	0.00000235	0.772	0.000549	1.14	0.00301	0.0000575	0.711	0.000768	0.00109	0.0000272	0.000075	0.0000276	0.0148	0.00000471	0.0000242	0.000269	0.00141
Operation (2023 to 2025): Average	27.5	0.0393	0.0887	0.00394	5.17	0.0299	5.09	0.00000483	0.00337	0.000935	0.00524	0.00865	0.0000143	4.71	0.00000274	0.0000806	0.0000889	0.000296	0.0137	0.00000253	0.95	0.000732	1.4	0.0115	0.000315	0.864	0.00158	0.00176	0.0000534	0.00018	0.0000404	0.0261	0.00000528	0.0000619	0.000367	0.00152
Operation (2023 to 2025): Max	37.8	0.0846	0.23	0.009	8.27	0.0344	7.94	0.00000496	0.00573	0.00221	0.00608	0.0109	0.0000207	6.81	0.00000425	0.000139	0.000162	0.00041	0.0265	0.00000278	1.34	0.00112	1.83	0.0268	0.000819	1.17	0.00324	0.0027	0.000288	0.000463	0.000065	0.0444	0.00000633	0.000131	0.000546	0.00185
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Active Closure (2026 to Sept. 2042): Min	18.4	0.00284	0.0025	0.0005	1.58	0.0234	2.57	0.00000466	0.0015	0.000206	0.00467	0.00564	0.00000939	2.91	0.00000237	0.0000475	0.0000495	0.000239	0.005	0.00000234	0.624	0.0005	0.939	0.000575	0.000025	0.596	0.000275	0.001	0.000025	0.0000497	0.000025	0.0126	0.00000467	0.0000137	0.000235	0.00141
Active Closure (2026 to Sept. 2042): Average	21.8	0.00909	0.00814	0.00063	3.74	0.0281	3.27	0.00000484	0.00298	0.00025	0.00485	0.00705	0.00000984	3.41	0.00000276	0.0000494	0.00006	0.000256	0.00751	0.00000243	0.749	0.000503	1.14	0.00145	0.0000406	0.707	0.000574	0.00129	0.0000826	0.0000545	0.0000259	0.0167	0.00000484	0.0000169	0.000246	0.00154
Active Closure (2026 to Sept. 2042): Max	29.4	0.0253	0.0391	0.00202	6.2	0.035	4.47	0.000005	0.00591	0.000579	0.00504	0.00996	0.0000119	4.72	0.00000653	0.0000599	0.000103	0.00038	0.014	0.00000255	1.01	0.000594	1.56	0.00536	0.000174	0.927	0.000982	0.0021	0.000738	0.0000872	0.0000324	0.0247	0.000005	0.0000356	0.000305	0.00246
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Post Closure (Oct. 2042 to 2070): Min	19.5	0.00501	0.00324	0.00051	3.12	0.0196	2.78	0.00000279	0.00173	0.000221	0.0028	0.00608	0.0000061	3.2	0.00000166	0.0000331	0.0000467	0.000181	0.00505	0.00000141	0.655	0.000501	0.957	0.000691	0.0000266	0.581	0.000429	0.001	0.0000235	0.0000488	0.000025	0.0162	0.00000279	0.0000157	0.000148	0.000887
Post Closure (Oct. 2042 to 2070): Average	28	0.0301	0.0395	0.00101	5.69	0.0259	4.36	0.00000399	0.00497	0.00184	0.00396	0.00756	0.000716	4.41	0.00000267	0.0000538	0.000079	0.000288	0.0128	0.00000265	0.891	0.000956	1.17	0.0126	0.000185	0.685	0.00118	0.0015	0.000068	0.000088	0.0000494	0.0252	0.00000405	0.0000926	0.00024	0.00131
Post Closure (Oct. 2042 to 2070): Max	42.3	0.0507	0.118	0.0023	8.8	0.0332	5.69	0.00000498	0.00672	0.0047	0.00498	0.00988	0.00142	5.99	0.00000515	0.0000623	0.0000951	0.000345	0.0166	0.00000305	1.15	0.00138	1.52	0.0219	0.000371	0.907	0.00198	0.00203	0.000546	0.00013	0.000071	0.0384	0.00000498	0.000167	0.000258	0.00201
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	23.6	0.0225	0.041	0.00213	4.04	0.0271	3.71	0.00000487	0.00254	0.000319	0.00516	0.00754	0.0000124	3.82	0.00000256	0.0000737	0.0000664	0.000263	0.00726	0.00000244	0.844	0.000617	1.21	0.006	0.0000899	0.791	0.000768	0.00144	0.0000289	0.000129	0.0000304	0.0203	0.00000559	0.0000316	0.000286	0.00148
2023 Feb	24.2	0.0249	0.0487	0.00246	4.22	0.0271	3.83	0.00000485	0.00257	0.000342	0.00519	0.00767	0.0000129	3.93	0.00000258	0.0000786	0.00007	0.000266	0.00772	0.00000243	0.867	0.000641	1.23	0.0071	0.000104	0.809	0.000828	0.00147	0.0000299	0.000146	0.0000315	0.0214	0.00000571	0.0000353	0.000294	0.00148
2023 Mar	26.1	0.0271	0.0507	0.00248	4.58	0.0294	4.16	0.00000485	0.00184	0.000357	0.0052	0.00877	0.0000129	4.27	0.00000258	0.0000789	0.0000704	0.000266	0.00774	0.00000243	0.959	0.000642	1.36	0.00713	0.000105	0.893	0.00102	0.00163	0.00003	0.000147	0.0000316	0.023	0.00000571	0.000037	0.000295	0.00148
2023 Apr	22.9	0.0154	0.0304	0.00171	2.41	0.033	4.11	0.00000491	0.00171	0.000313	0.00513	0.00718	0.0000118	3.43	0.00000255	0.0000677	0.0000626	0.00026	0.00667	0.00000246	0.846	0.000587	1.14	0.00454	0.000074	0.801	0.000879	0.0014	0.0000282	0.00011	0.000029	0.0169	0.00000543	0.0000287	0.000278	0.00149
2023 May	24.9	0.0144	0.021	0.00129	4.05	0.0299	3.89	0.00000494	0.00238	0.000274	0.00509	0.0082	0.0000112	3.8	0.00000253	0.0000617	0.0000584	0.000256	0.0061	0.00000247	0.851	0.000558	1.28	0.00321	0.0000575	0.831	0.000819	0.00109	0.0000272	0.00009	0.0000276	0.0196	0.00000528	0.0000242	0.000269	0.00149
2023 Jun	30.8	0.0258	0.063	0.00256	6.64	0.034	4.83	0.00000467	0.0018	0.000463	0.00516	0.0101	0.0000128	5.03	0.00000248	0.0000774	0.0000992	0.000257	0.0082	0.00000235	1.1	0.000651	1.56	0.0076	0.000149	1.02	0.0011	0.00208	0.0000278	0.000172	0.0000312	0.0293	0.00000535	0.0000424	0.000313	0.00142
2023 Jul	25.1	0.0283	0.0894	0.00346	5.38	0.0271	4.3	0.00000483	0.00449	0.000578	0.00551	0.00812	0.0000145	4.37	0.0000026	0.0000889	0.00012	0.000277	0.0169	0.00000247	0.893	0.000751	1.25	0.0122	0.000231	0.852	0.00134	0.00143	0.0000286	0.000223	0.0000358	0.0266	0.00000563	0.0000592	0.000362	0.00148
2023 Aug	26.1	0.0308	0.0951	0.00373	5.66	0.0274	4.51	0.00000489	0.00446	0.000667	0.00558	0.00793	0.0000148	4.55	0.00000264	0.0000906	0.0000933	0.000285	0.0168	0.00000251	0.93	0.000771	1.23	0.012	0.00026	0.852	0.00124	0.00147	0.0000289	0.000229	0.0000372	0.0279	0.0000057	0.0000633	0.000371	0.0015
2023 Sep	31	0.0566	0.159	0.0062	6.57	0.0287	6.05	0.00000478	0.00403	0.00113	0.00582	0.00905	0.0000176	5.52	0.00000271	0.000114	0.000118	0.000313	0.0192	0.00000252	1.09	0.000941	1.47	0.019	0.000438	1	0.00189	0.00179	0.0000308	0.000337	0.0000505	0.0354	0.00000601	0.0000941	0.000449	0.00149
2023 Oct	37.8	0.0779	0.23	0.009	8.27	0.0333	7.72	0.0000047	0.00515	0.00173	0.00608	0.0108	0.0000207	6.81	0.00000425	0.000139	0.000162	0.000394	0.0217	0.00000256	1.34	0.00112	1.79	0.0268	0.000649	1.17	0.00291	0.00214	0.000288	0.000463	0.0000584	0.0444	0.00000633	0.000129	0.000535	0.00185
2023 Nov	33.8	0.0748	0.208	0.00838	6.89	0.0295	7.07	0.00000476	0.00425	0.00168	0.00593	0.00977	0.0000195	6.12	0.00000287	0.000128	0.000132	0.000345	0.0192	0.00000258	1.19	0.00105	1.64	0.0241	0.000609	1.06	0.00265	0.00236	0.0000493	0.000406	0.0000565	0.0384	0.00000614	0.000117	0.000508	0.00153
2023 Dec	26.2	0.0367	0.0848	0.00364	4.68	0.0282	4.75	0.0000049	0.003	0.000816	0.00535	0.00823	0.0000137	4.45	0.00000265	0.0000803	0.0000819	0.000288	0.0106	0.00000253	0.926	0.000713	1.36	0.00988	0.000259	0.857	0.00139	0.00164	0.0000356	0.000188	0.0000376	0.0243	0.00000543	0.0000548	0.000351	0.00151
2024 Jan	26.2	0.0368	0.0849	0.00365	4.67	0.0282	4.76	0.00000489	0.003	0.000823	0.00534	0.00822	0.0000137	4.44	0.00000265	0.0000801	0.0000816	0.000288	0.0106	0.00000253	0.924	0.000711	1.36	0.00989	0.00026	0.855	0.0014	0.00164	0.0000358	0.000188	0.0000377	0.0242	0.00000541	0.0000548	0.000351	0.00151
2024 Feb	25.1	0.0319	0.0694	0.00305	4.37	0.0279	4.44	0.00000491	0.00288	0.000711	0.00526	0.00795	0.0000129	4.21	0.00000261	0.0000742	0.0000754	0.00028	0.00949	0.00000252	0.885	0.000669	1.32	0.00812	0.000216	0.824	0.00122	0.00157	0.0000339	0.000161	0.0000352	0.0224	0.00000532	0.0000469	0.000331	0.00151
2024 Mar	27.4	0.0362	0.0779	0.00334	4.82	0.0301	4.89	0.00000488	0.00222	0.00078	0.00527	0.0091	0.0000132	4.62	0.00000262	0.0000766	0.0000779	0.000283	0.00997	0.00000252	0.986	0.000686	1.46	0.00891	0.000237	0.914	0.00149	0.00176	0.0000349	0.000173	0.0000363	0.0246	0.00000534	0.0000519	0.000339	0.0015
2024 Apr	22.3	0.0137	0.0248	0.00137	2.09	0.0334	4.14	0.00000496	0.00172	0.000404	0.00508	0.00704	0.000011	3.32	0.00000254	0.0000581	0.0000585	0.00026	0.00652	0.0000025	0.814	0.000557	1.14	0.0031	0.0000902	0.776	0.000926	0.00139	0.000028	0.0000875	0.0000285	0.0152	0.0000051	0.0000266	0.000277	0.0015
2024 May	25.4	0.0184	0.0324	0.00167	4.16	0.0302	4.18	0.00000495	0.00252	0.00045	0.00511	0.00833	0.0000113	3.94	0.00000255	0.0000608	0.0000613	0.000264	0.00704	0.00000251	0.863	0.000576	1.32	0.004	0.000113	0.837	0.00102	0.00115	0.0000291	0.0001	0.0000297	0.0202	0.00000513	0.0000304	0.000286	0.0015
2024 Jun	30.2	0.0288	0.0577	0.00261	6.42	0.0338	4.96	0.00000461	0.00195	0.000717	0.00486	0.01	0.0000121	4.99	0.00000243	0.0000659	0.0000908	0.000261	0.00914	0.00000237	1.05	0.000615	1.57	0.00709	0.000208	0.952	0.00131	0.00213	0.0000279	0.00013	0.000033	0.0274	0.00000486	0.0000429	0.00031	0.00141
2024 Jul	23	0.0253	0.0601	0.00278	4.79	0.0265	3.99	0.00000479	0.00464	0.000723	0.00506	0.00763	0.0000129	4.03	0.00000252	0.0000689	0.000103	0.000275	0.0171	0.00000248	0.778	0.000653	1.21	0.00953	0.000238	0.724	0.00136	0.00143	0.0000274	0.000134	0.0000352	0.0219	0.00000503	0.0000487	0.000331	0.00146
2024 Aug	25.1	0.0324	0.0772	0.00349	5.33	0.0274	4.52	0.00000483	0.00458	0.000903	0.00517	0.00775	0.0000139	4.43	0.00000258	0.0000751	0.0000797	0.000289	0.0179	0.00000254	0.853	0.00071	1.23	0.0109	0.000311	0.755	0.0014	0.00156	0.0000282	0.000157	0.0000389	0.0249	0.00000513	0.0000596	0.00036	0.00148
2024 Sep	30.2	0.0608	0.137	0.006	6.24	0.0291	6.21	0.00000472	0.00425	0.00151	0.00529	0.00899	0.0000169	5.47	0.00000265	0.0000936	0.000101	0.000323	0.0215	0.00000259	0.991	0.000871	1.5	0.0182	0.000537	0.876	0.00216	0.00198	0.0000303	0.000234	0.0000542	0.0319	0.0000052	0.0000922	0.000446	0.00148
2024 Oct	36.7	0.0833	0.2	0.00869	7.85	0.0339	7.94	0.00000464	0.00546	0.00221	0.00541	0.0108	0.0000199	6.77	0.00000418	0.000112	0.00014	0.000407	0.0249	0.00000266	1.21	0.00103	1.83	0.0259	0.000782	1.02	0.00324	0.0024	0.000286	0.000324	0.0000633	0.04	0.00000528	0.000127	0.000535	0.00184
2024 Nov	33	0.0796	0.183	0.00813	6.58	0.0301	7.28	0.00000471	0.00452	0.00208	0.00539	0.00979	0.000019	6.11	0.00000282	0.000106	0.000115	0.000357	0.022	0.00000267	1.09	0.00098	1.67	0.0235	0.000726	0.931	0.00292	0.0026	0.0000485	0.000287	0.0000609	0.0349	0.00000525	0.000116	0.000511	0.00152
2024 Dec	26	0.0385	0.0754	0.00354	4.56	0.0285	4.84	0.00000489	0.0031	0.000967	0.00515	0.00825	0.0000135	4.45	0.00000263	0.000072	0.0000752	0.000293	0.0117	0.00000257	0.888	0.000688	1.37	0.00968	0.000303	0.808	0.00149	0.00173	0.0000353	0.000143	0.0000393	0.023	0.00000509	0.0000546	0.000353	0.00151
2025 Jan	25.9	0.0387	0.0757	0.00356	4.56	0.0284	4.84	0.00000488	0.0031	0.000972	0.00514	0.00823	0.0000135	4.44	0.00000263	0.0000719	0.0000751	0.000292	0.0117	0.00000257	0.886	0.000687	1.37	0.0097	0.000305	0.807	0.0015	0.00173	0.0000356	0.000143	0.0000393	0.023	0.00000508	0.0000546	0.000353	0.00151
2025 Feb	24.9	0.0337	0.0628	0.00301	4.3	0.0281	4.53	0.00000489	0.00297	0.000838	0.0051	0.00798	0.0000129	4.22	0.0000026	0.0000678	0.0000704	0.000284	0.0105	0.00000255	0.857	0.000652	1.33	0.00807	0.000255	0.787	0.00132	0.00165	0.0000338	0.000126	0.0000367	0.0215	0.00000506	0.0000473	0.000334	0.00151
2025 Mar	27.2	0.0378	0.0697	0.00325	4.73	0.0303	4.96	0.00000487	0.00231	0.00091	0.0051	0.00912	0.0000131	4.63	0.00000261	0.0000693	0.0000721	0.000287	0.011	0.00000255	0.953	0.000665	1.47	0.00874	0.000276	0.872	0.00158	0.00184	0.0000347	0.000133	0.0000378	0.0235	0.00000505	0.0000517	0.000341	0.0015
2025 Apr	22.2	0.014	0.022	0.00133	2.06	0.0335	4.15	0.00000496	0.00174	0.00044	0.00503	0.00704	0.0000109	3.31	0.00000253	0.0000558	0.0000566	0.000261	0.00679	0.00000251	0.804	0.000549	1.14	0.00301	0.000101	0.763	0.000948	0.00141	0.0000279	0.000075	0.0000289	0.0148	0.00000501	0.0000264	0.000277	0.0015
2025 May	25.1	0.0175	0.0251	0.00147	4.05	0.0302	4.13	0.00000495	0.00252	0.00046	0.00503	0.00828	0.0000111	3.89	0.00000254	0.0000567	0.0000577	0.000263	0.00707	0.00000252	0.842	0.000557	1.31	0.00344	0.000113	0.817	0.000996	0.00115	0.0000284	0.000079	0.0000295	0.0194	0.00000501	0.0000282	0.000282	0.0015
2025 Jun	30.3	0.0308	0.056	0.00267	6.42	0.0341	5.08	0.00000462	0.00205	0.000813	0.00479	0.0101	0.0000123	5.05	0.00000243	0.000063	0.0000887	0.000266	0.0101	0.00000241	1.04	0.000613	1.59	0.00743	0.000244	0.935	0.00139	0.0022	0.0000281	0.000111	0.0000347	0.0271	0.00000471	0.0000451	0.000318	0.00141
2025 Jul	23.1	0.0269	0.0583	0.00281	4.8	0.0269	4.1	0.00000482	0.00475	0.000796	0.005	0.00773	0.000013	4.08	0.00000253	0.0000664	0.000101	0.000279	0.0179	0.00000253	0.772	0.000651	1.22	0.0098	0.000267	0.711	0.00142	0.00149	0.0000276	0.000116	0.0000368	0.0217	0.0000049	0.0000511	0.000339	0.00147
2025 Aug	24.3	0.03	0.0655	0.00311	5.14	0.0274	4.36	0.00000489	0.0047	0.00088	0.00509	0.00761	0.0000136	4.3	0.00000258	0.0000692	0.0000738	0.000288	0.018	0.00000258	0.82	0.00068	1.2	0.00989	0.000304	0.719	0.00132	0.00156	0.000028	0.000124	0.0000388	0.0234	0.00000497	0.0000568	0.000354	0.00149
2025 Sep	29.7	0.0607	0.127	0.00572	6.11	0.0294	6.17	0.00000479	0.00444	0.00152	0.00516	0.009	0.0000168	5.42	0.00000266	0.0000869	0.0000949	0.000325	0.0224	0.00000267	0.963	0.000849	1.48	0.0179	0.000557	0.838	0.00213	0.00205	0.0000304	0.000191	0.0000555	0.0307	0.00000494	0.0000935	0.000451	0.00148
2025 Oct	36.2	0.0846	0.189	0.00843	7.74	0.0344	7.91	0.00000471	0.00573	0.00218	0.00523	0.0109	0.00002	6.73	0.00000418	0.000104	0.000133	0.00041	0.0265	0.00000278	1.18	0.00101	1.8	0.0259	0.000819	0.971	0.00319	0.00253	0.000285	0.000267	0.000065	0.0388	0.0000049	0.000131	0.000546	0.00183
2025 Nov	32.5	0.08	0.172	0.00781	6.46	0.0304	7.19	0.00000476	0.00475	0.00198	0.00522	0.00983	0.0000191	6.04	0.00000282	0.0000988	0.000109	0.000357	0.0234	0.00000277	1.06	0.000962	1.64	0.0234	0.000749	0.892	0.00282	0.0027	0.0000491	0.000233	0.0000613	0.0338	0.00000491	0.000119	0.000518	0.00152
2025 Dec	25.7	0.0386	0.0709	0.0034	4.51	0.0286	4.79	0.0000049	0.00319	0.000913	0.00508	0.00825	0.0000136	4.41	0.00000263	0.0000691	0.0000731	0.000292	0.0122	0.00000261	0.875	0.000681	1.36	0.00964	0.000311	0.793	0.00144	0.00177	0.0000355	0.000121	0.0000393	0.0226	0.00000496	0.0000556	0.000355	0.00151
2026 Jan	23.3	0.0253	0.0391	0.00202	3.86	0.0277	3.99	0.00000495	0.00281	0.000579	0.00504	0.0076	0.0000119	3.86	0.00000257	0.0000599	0.000062	0.000272	0.00877	0.00000255	0.805	0.000594	1.25	0.00536	0.000174	0.751	0.000982	0.00154	0.0000306	0.0000872	0.0000324	0.0189	0.00000498	0.0000356	0.000305	0.0015
2026 Feb	22.2	0.0191	0.0241	0.00137	3.56	0.0273	3.62	0.00000497	0.00263	0.000423	0.00502	0.0073	0.0000111	3.6	0.00000254	0.0000557	0.0000569	0.000263	0.00715	0.00000253	0.773	0.000554	1.2	0.00336	0.00011	0.731	0.000767	0.00144	0.0000282	0.0000712	0.0000293	0.0172	0.00000499	0.0000263	0.000281	0.0015
2026 Mar	24.2	0.0201	0.0226	0.00123	3.89	0.0298	3.91	0.00000497	0.00175	0.000404	0.00502	0.0085	0.0000109	3.93	0.00000253	0.0000548	0.0000558	0.000261	0.00681	0.00000253	0.87	0.000545	1.34	0.00291	0.0000968	0.822	0.000938	0.00161	0.0000277	0.0000679	0.0000286	0.0186	0.00000499	0.0000259	0.000276	0.0015
2026 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2026 May	23.8	0.00945	0.00475	0.000598	3.7	0.03	3.68	0.000005	0.00233	0.000243	0.005	0.00799	0.0000101	3.58	0.0000025	0.0000506	0.0000508	0.000251	0.00524	0.0000025	0.804	0.000506	1.26	0.000915	0.0000346	0.795	0.000721	0.00102	0.0000254	0.0000524	0.0000255	0.0173	0.000005	0.0000169	0.000254	0.0015
2026 Jun	29.4	0.0187	0.0252	0.00139	6.2	0.035	4.47	0.00000477	0.00175	0.000483	0.00483	0.00996	0.0000107	4.72	0.00000245	0.0000539	0.0000817	0.000254	0.00701	0.00000244	1.01	0.000536	1.56	0.00321	0.000113	0.927	0.000979	0.0021	0.0000276	0.0000695	0.0000284	0.0247	0.00000479	0.0000268	0.000273	0.00145
2026 Jul	18.4	0.00415	0.00609	0.000652	3.73	0.0249	2.63	0.00000493	0.00477	0.000245	0.00494	0.00644	0.0000101	3.08	0.00000248	0.0000504	0.0000895	0.000249	0.014	0.00000248	0.625	0.000504	1.01	0.00292	0.0000401	0.607	0.000712	0.00103	0.0000253	0.000053	0.0000255	0.015	0.00000494	0.0000185	0.000253	0.00148
2026 Aug	19.1	0.00612	0.0104	0.00083	4	0.0248	2.8	0.00000485	0.00444	0.000294	0.00487	0.00606	0.0000101	3.2	0.00000245	0.0000508	0.0000519	0.000248	0.0131	0.00000244	0.659	0.000507	0.95	0.00231	0.0000661	0.597	0.000511	0.00106	0.0000255	0.0000564	0.000026	0.0163	0.00000485	0.0000217	0.000255	0.00146
2026 Sep	19.8	0.0122	0.00945	0.000789	3.79	0.0249	3.11	0.00000484	0.00355	0.000275	0.00485	0.00596	0.0000101	3.24	0.00000244	0.0000504	0.0000515	0.000247	0.0118	0.00000243	0.646	0.000504	1.02	0.00191	0.0000541	0.622	0.000358	0.00105	0.0000252	0.0000553	0.000032	0.0167	0.00000484	0.0000191	0.000253	0.00145
2026 Oct	25	0.00443	0.00823	0.000673	5.34	0.0338	3.66	0.00000489	0.00591	0.0003	0.0049	0.00725	0.00001	3.96	0.00000653	0.0000501	0.000103	0.00038	0.00872	0.00000246	0.85	0.000501	1.29	0.0015	0.0000426	0.737	0.000703	0.00103	0.000738	0.0000862	0.0000254	0.0211	0.00000489	0.0000178	0.000251	0.00246
2026 Nov	18.5	0.0116	0.0114	0.000867	2.91	0.0236	2.88	0.00000476	0.00321	0.000282	0.00479	0.00566	0.00001	2.94	0.00000241	0.0000502	0.0000517	0.000245	0.00586	0.0000024	0.626	0.000502	0.986	0.00187	0.0000624	0.601	0.000387	0.00176	0.0000267	0.0000565	0.0000258	0.0138	0.00000477	0.0000172	0.000252	0.00144
2026 Dec	20.7	0.0141	0.0135	0.000889	3.29	0.026	3.23	0.00000475	0.00242	0.0003	0.00477	0.00684	0.00001	3.3	0.00000241	0.0000502	0.0000518	0.000245	0.00591	0.0000024	0.722	0.000502	1.12	0.00193	0.0000646	0.689	0.000597	0.00132	0.0000268	0.0000569	0.0000258	0.0155	0.00000475	0.0000191	0.000253	0.00143
2027 Jan	20.7	0.0141	0.0135	0.000889	3.29	0.026	3.23	0.00000475	0.00242	0.0003	0.00477	0.00684	0.00001	3.3	0.00000241	0.0000502	0.0000518	0.000245	0.00591	0.0000024	0.722	0.000502	1.12	0.00193	0.0000646	0.689	0.000597	0.00132	0.0000268	0.0000569	0.0000258	0.0155	0.00000475	0.0000191	0.000253	0.00143
2027 Feb	20.7	0.0127	0.00951	0.000722	3.23	0.0263	3.18	0.00000486	0.00241	0.000264	0.00487	0.00686	0.00001	3.28	0.00000245	0.0000501	0.000051	0.000247	0.00552	0.00000244	0.726	0.000501	1.13	0.0014	0.0000476	0.696	0.000547	0.00131	0.0000261	0.000054	0.0000255	0.0152	0.00000486	0.0000168	0.000252	0.00146
2027 Mar	23	0.0146	0.00978	0.000665	3.62	0.029	3.54	0.00000489	0.00155	0.000265	0.0049	0.00814	0.00001	3.66	0.00000246	0.0000501	0.0000508	0.000248	0.00539	0.00000246	0.831	0.000501	1.28	0.00119	0.0000418	0.794	0.000748	0.0015	0.0000258	0.0000529	0.0000254	0.0169	0.0000049	0.0000176	0.000251	0.00147
2027 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2027 May	23.7	0.00877	0.00322	0.00053	3.67	0.0299	3.63	0.00000498	0.0023	0.000226	0.00498	0.00794	0.00001	3.54	0.00000249	0.00005	0.0000501	0.00025	0.00507	0.00000249	0.799	0.0005	1.25	0.00071	0.000028	0.791	0.000697	0.001	0.0000252	0.0000505	0.0000251	0.0171	0.00000498	0.0000159	0.00025	0.0015
2027 Jun	28.5	0.0141	0.015	0.000918	6.01	0.0344	4.17	0.00000472	0.00162	0.000365	0.00475	0.00969	0.00001	4.52	0.0000024	0.0000501	0.0000779	0.000244	0.00595	0.00000238	0.986	0.000504	1.51	0.00185	0.0000682	0.906	0.000819	0.00202	0.0000277	0.0000573	0.0000259	0.0235	0.00000472	0.0000201	0.000252	0.00143
2027 Jul	18.4	0.00367	0.00511	0.000603	3.73	0.0249	2.61	0.00000494	0.00477	0.000232	0.00495	0.00643	0.00001	3.07	0.00000248	0.0000501	0.0000893	0.000249	0.0139	0.00000248	0.624	0.000502	1.01	0.0028	0.0000356	0.606	0.000696	0.00102	0.0000254	0.0000518	0.0000253	0.0149	0.00000494	0.0000178	0.000251	0.00148
2027 Aug	19.2	0.00589	0.0101	0.000798	4.02	0.0248	2.79	0.00000483	0.0044	0.000283	0.00485	0.00608	0.00001	3.21	0.00000244	0.0000504	0.0000518	0.000247	0.013	0.00000243	0.66	0.000506	0.952	0.00226	0.0000638	0.599	0.000501	0.00106	0.000026	0.0000553	0.0000258	0.0163	0.00000483	0.0000213	0.000253	0.00145
2027 Sep	19.8	0.0116	0.00831	0.000726	3.8	0.025	3.09	0.00000486	0.00356	0.000258	0.00487	0.00597	0.00001	3.24	0.00000245	0.0000502	0.0000513	0.000247	0.0118	0.00000244	0.648	0.000504	1.02	0.00176	0.0000485	0.624	0.000336	0.00104	0.0000255	0.0000539	0.0000319	0.0167	0.00000486	0.0000183	0.000252	0.00146
2027 Oct	25.1	0.0043	0.00813	0.000659	5.36	0.0338	3.66	0.00000489	0.00591	0.000296	0.0049	0.00727	0.00001	3.97	0.00000653	0.0000501	0.000103	0.00038	0.00871	0.00000246	0.852	0.000502	1.29	0.00148	0.0000415	0.738	0.000698	0.00103	0.000738	0.0000858	0.0000254	0.0212	0.0000049	0.0000176	0.000251	0.00246
2027 Nov	18.6	0.0113	0.0112	0.000835	2.94	0.0237	2.88	0.00000478	0.00322	0.000272	0.0048	0.00569	0.00000999	2.95	0.00000242	0.0000501	0.0000517	0.000246	0.00585	0.00000241	0.63	0.000505	0.99	0.00183	0.0000599	0.604	0.000376	0.00176	0.000027	0.0000558	0.0000258	0.0139	0.00000478	0.0000169	0.000252	0.00144
2027 Dec	20.9	0.0138	0.0132	0.000855	3.33	0.0261	3.23	0.00000476	0.00242	0.00029	0.00478	0.00687	0.00000999	3.32	0.00000242	0.0000501	0.0000518	0.000245	0.0059	0.0000024	0.727	0.000505	1.13	0.00188	0.000062	0.692	0.000586	0.00132	0.0000272	0.0000561	0.0000259	0.0156	0.00000477	0.0000188	0.000252	0.00144
2028 Jan	20.9	0.0138	0.0132	0.000855	3.33	0.0261	3.23	0.00000476	0.00242	0.00029	0.00478	0.00687	0.00000999	3.32	0.00000242	0.0000501	0.0000518	0.000245	0.0059	0.0000024	0.727	0.000505	1.13	0.00188	0.000062	0.692	0.000586	0.00132	0.0000272	0.0000561	0.0000259	0.0156	0.00000477	0.0000188	0.000252	0.00144
2028 Feb	20.8	0.0124	0.0092	0.000696	3.25	0.0264	3.18	0.00000487	0.00241	0.000256	0.00488	0.00688	0.00001	3.29	0.00000245	0.0000501	0.000051	0.000247	0.0055	0.00000245	0.728	0.000503	1.13	0.00135	0.0000454	0.698	0.000539	0.00131	0.0000262	0.0000534	0.0000255	0.0153	0.00000487	0.0000165	0.000251	0.00147
2028 Mar	23	0.0146	0.01	0.000665	3.64	0.029	3.54	0.00000489	0.00156	0.000264	0.0049	0.00815	0.00001	3.67	0.00000246	0.0000501	0.0000509	0.000248	0.00542	0.00000245	0.832	0.000503	1.28	0.00122	0.0000422	0.794	0.000746	0.0015	0.000026	0.0000528	0.0000254	0.017	0.00000489	0.0000177	0.000251	0.00147
2028 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2028 May	23.7	0.00875	0.0032	0.000527	3.67	0.0299	3.63	0.00000498	0.0023	0.000226	0.00498	0.00794	0.00001	3.54	0.00000249	0.00005	0.0000502	0.00025	0.00507	0.00000249	0.799	0.000501	1.25	0.000706	0.0000278	0.791	0.000696	0.001	0.0000252	0.0000505	0.0000251	0.0171	0.00000498	0.0000159	0.00025	0.0015
2028 Jun	28.6	0.0137	0.0147	0.00088	6.04	0.0344	4.16	0.00000472	0.00162	0.000354	0.00474	0.00971	0.00000994	4.53	0.0000024	0.0000499	0.0000778	0.000244	0.0059	0.00000238	0.989	0.000506	1.51	0.00178	0.000065	0.908	0.000805	0.00202	0.0000278	0.0000564	0.0000259	0.0235	0.00000473	0.0000198	0.00025	0.00143
2028 Jul	18.4	0.00356	0.00502	0.000592	3.73	0.0249	2.6	0.00000494	0.00477	0.000229	0.00494	0.00643	0.00001	3.07	0.00000248	0.00005	0.0000893	0.000249	0.0139	0.00000247	0.625	0.000502	1.01	0.00278	0.0000347	0.606	0.000692	0.00102	0.0000254	0.0000516	0.0000253	0.015	0.00000494	0.0000177	0.00025	0.00148
2028 Aug	19.3	0.00558	0.00986	0.000769	4.03	0.0248	2.78	0.00000482	0.0044	0.000276	0.00484	0.00608	0.00000999	3.21	0.00000244	0.0000501	0.0000516	0.000247	0.0129	0.00000243	0.661	0.000507	0.951	0.00221	0.0000613	0.599	0.00049	0.00106	0.000026	0.0000547	0.0000258	0.0163	0.00000483	0.000021	0.000251	0.00145
2028 Sep	19.9	0.0114	0.0083	0.00071	3.81	0.025	3.08	0.00000485	0.00356	0.000254	0.00486	0.00597	0.00000997	3.24	0.00000244	0.00005	0.0000511	0.000247	0.0118	0.00000244	0.648	0.000504	1.02	0.00173	0.0000472	0.624	0.000331	0.00104	0.0000254	0.0000535	0.0000318	0.0168	0.00000485	0.0000182	0.00025	0.00146
2028 Oct	25.1	0.00414	0.00803	0.000644	5.36	0.0338	3.65	0.00000489	0.0059	0.000292	0.0049	0.00727	0.00000996	3.97	0.00000652	0.0000499	0.000103	0.00038	0.00868	0.00000245	0.852	0.000502	1.29	0.00145	0.0000403	0.738	0.000692	0.00102	0.000737	0.0000854	0.0000254	0.0212	0.00000489	0.0000175	0.00025	0.00246
2028 Nov	18.7	0.0109	0.0108	0.000797	2.95	0.0237	2.86	0.00000477	0.00321	0.000262	0.00479	0.00569	0.00000992	2.95	0.00000242	0.0000498	0.0000514	0.000245	0.00579	0.0000024	0.63	0.000505	0.989	0.00175	0.0000566	0.603	0.000362	0.00176	0.000027	0.0000549	0.0000257	0.0139	0.00000477	0.0000165	0.00025	0.00144
2028 Dec	20.9	0.0133	0.0128	0.000814	3.34	0.0261	3.21	0.00000475	0.00242	0.000279	0.00477	0.00687	0.00000992	3.31	0.00000241	0.0000498	0.0000515	0.000245	0.00583	0.0000024	0.727	0.000505	1.13	0.00179	0.0000584	0.692	0.000571	0.00132	0.0000271	0.0000552	0.0000258	0.0156	0.00000476	0.0000183	0.00025	0.00143
2029 Jan	20.9	0.0133	0.0128	0.000814	3.34	0.0261	3.21	0.00000475	0.00242	0.000279	0.00477	0.00687	0.00000992	3.31	0.00000241	0.0000498	0.0000515	0.000245	0.00583	0.0000024	0.727	0.000505	1.13	0.00179	0.0000584	0.692	0.000571	0.00132	0.0000271	0.0000552	0.0000258	0.0156	0.00000476	0.0000183	0.000249	0.00143
2029 Feb	20.8	0.0122	0.00913	0.000679	3.26	0.0264	3.17	0.00000486	0.00241	0.000252	0.00487	0.00688	0.00000995	3.29	0.00000245	0.0000499	0.0000509	0.000247	0.00547	0.00000244	0.728	0.000503	1.13	0.00132	0.0000441	0.697	0.000532	0.00131	0.0000262	0.000053	0.0000254	0.0153	0.00000486	0.0000164	0.00025	0.00146
2029 Mar	23.1	0.0143	0.00951	0.000633	3.64	0.0291	3.53	0.0000049	0.00155	0.000256	0.0049	0.00815	0.00000996	3.66	0.00000246	0.0000499	0.0000506	0.000248	0.00535	0.00000246	0.833	0.000502	1.28	0.00114	0.0000392	0.795	0.000737	0.0015	0.0000259	0.0000522	0.0000253	0.017	0.0000049	0.0000173	0.00025	0.00147
2029 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2029 May	23.7	0.00872	0.00317	0.000524	3.67	0.0299	3.63	0.00000498	0.0023	0.000225	0.00498	0.00794	0.00001	3.54	0.00000249	0.00005	0.0000501	0.00025	0.00506	0.00000249	0.799	0.000501	1.25	0.0007	0.0000275	0.791	0.000695	0.001	0.0000252	0.0000504	0.0000251	0.0171	0.00000498	0.0000158	0.00025	0.0015
2029 Jun	28.7	0.0132	0.0142	0.000837	6.05	0.0344	4.14	0.00000471	0.00162	0.000343	0.00473	0.0097	0.00000986	4.52	0.0000024	0.0000495	0.0000774	0.000243	0.00582	0.00000238	0.989	0.000505	1.51	0.00169	0.0000611	0.908	0.000789	0.00201	0.0000277	0.0000554	0.0000258	0.0236	0.00000472	0.0000193	0.000248	0.00142
2029 Jul	18.4	0.00345	0.00489	0.000581	3.73	0.0249	2.6	0.00000494	0.00477	0.000227	0.00494	0.00643	0.00000997	3.06	0.00000248	0.0000499	0.0000892	0.000249	0.0139	0.00000247	0.625	0.000502	1.01	0.00275	0.0000337	0.606	0.000688	0.00102	0.0000254	0.0000513	0.0000252	0.015	0.00000494	0.0000176	0.00025	0.00148
2029 Aug	19.3	0.00512	0.00916	0.000726	4.03	0.0248	2.76	0.00000483	0.0044	0.000265	0.00484	0.00607	0.00000994	3.2	0.00000243	0.0000499	0.0000513	0.000246	0.0128	0.00000243	0.661	0.000506	0.949	0.0021	0.0000572	0.598	0.000475	0.00105	0.0000259	0.0000538	0.0000256	0.0163	0.00000483	0.0000205	0.00025	0.00145
2029 Sep	19.9	0.0111	0.00808	0.000686	3.81	0.025	3.07	0.00000484	0.00355	0.000248	0.00485	0.00596	0.00000992	3.24	0.00000244	0.0000497	0.0000509	0.000246	0.0117	0.00000243	0.648	0.000504	1.02	0.00169	0.0000451	0.624	0.000322	0.00104	0.0000254	0.000053	0.0000317	0.0168	0.00000484	0.0000179	0.000249	0.00146
2029 Oct	25.2	0.00391	0.00769	0.000622	5.36	0.0338	3.64	0.00000489	0.00591	0.000286	0.0049	0.00726	0.00000993	3.96	0.00000653	0.0000498	0.000103	0.00038	0.00864	0.00000245	0.852	0.000502	1.29	0.0014	0.0000382	0.738	0.000684	0.00102	0.000738	0.000085	0.0000253	0.0212	0.00000489	0.0000172	0.000249	0.00246
2029 Nov	18.7	0.0105	0.0103	0.000759	2.96	0.0236	2.84	0.00000476	0.00321	0.000253	0.00478	0.00568	0.00000985	2.94	0.00000241	0.0000495	0.0000511	0.000244	0.00571	0.0000024	0.63	0.000504	0.987	0.00167	0.0000531	0.603	0.000348	0.00175	0.0000269	0.0000541	0.0000256	0.0139	0.00000477	0.000016	0.000248	0.00144
2029 Dec	20.9	0.0129	0.0123	0.000775	3.34	0.026	3.19	0.00000475	0.00241	0.000269	0.00477	0.00686	0.00000984	3.31	0.00000241	0.0000495	0.0000512	0.000244	0.00575	0.00000239	0.727	0.000505	1.12	0.00171	0.0000548	0.691	0.000556	0.00131	0.000027	0.0000543	0.0000257	0.0156	0.00000475	0.0000178	0.000247	0.00143
2030 Jan	20.9	0.0129	0.0123	0.000775	3.34	0.026	3.19	0.00000475	0.00241	0.000269	0.00477	0.00686	0.00000984	3.31	0.00000241	0.0000495	0.0000512	0.000244	0.00575	0.00000239	0.727	0.000505	1.12	0.00171	0.0000548	0.691	0.000556	0.00131	0.000027	0.0000543	0.0000257	0.0156	0.00000475	0.0000178	0.000247	0.00143
2030 Feb	20.8	0.012	0.00886	0.000657	3.26	0.0263	3.16	0.00000486	0.00241	0.000246	0.00487	0.00688	0.00000991	3.28	0.00000245	0.0000497	0.0000507	0.000247	0.00543	0.00000244	0.728	0.000503	1.13	0.00127	0.0000421	0.697	0.000524	0.00131	0.0000262	0.0000525	0.0000254	0.0153	0.00000486	0.0000161	0.000249	0.00146
2030 Mar	23.1	0.014	0.00892	0.000603	3.63	0.0291	3.52	0.00000491	0.00155	0.00025	0.00491	0.00816	0.00000994	3.66	0.00000247	0.0000498	0.0000504	0.000248	0.00528	0.00000246	0.834	0.000502	1.28	0.00105	0.0000362	0.796	0.000728	0.00149	0.0000258	0.0000516	0.0000253	0.0169	0.00000491	0.0000169	0.000249	0.00147
2030 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2030 May	23.7	0.00871	0.00321	0.000523	3.67	0.0299	3.63	0.00000498	0.0023	0.000225	0.00498	0.00794	0.00000999	3.54	0.00000249	0.00005	0.0000501	0.00025	0.00507	0.00000249	0.799	0.000501	1.25	0.000702	0.0000275	0.791	0.000694	0.001	0.0000252	0.0000504	0.0000251	0.0171	0.00000498	0.0000158	0.00025	0.00149
2030 Jun	28.7	0.0128	0.0137	0.000793	6.05	0.0343	4.12	0.00000471	0.00161	0.000332	0.00472	0.00969	0.00000978	4.51	0.00000239	0.0000492	0.000077	0.000243	0.00573	0.00000237	0.989	0.000505	1.51	0.00159	0.0000572	0.907	0.000773	0.002	0.0000276	0.0000545	0.0000257	0.0235	0.00000471	0.0000187	0.000246	0.00142

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	18.4	0.00334	0.00475	0.000571	3.74	0.0249	2.59	0.00000493	0.00477	0.000224	0.00494	0.00643	0.00000996	3.06	0.00000248	0.0000499	0.0000891	0.000248	0.0139	0.00000247	0.625	0.000502	1.01	0.00273	0.0000328	0.606	0.000684	0.00102	0.0000254	0.0000511	0.0000252	0.015	0.00000494	0.0000175	0.000249	0.00148
2030 Aug	19.3	0.00463	0.00826	0.000681	4.03	0.0248	2.73	0.00000484	0.00441	0.000255	0.00485	0.00606	0.0000099	3.19	0.00000244	0.0000497	0.000051	0.000246	0.0128	0.00000243	0.66	0.000505	0.946	0.00198	0.0000529	0.598	0.000459	0.00104	0.0000258	0.0000529	0.0000255	0.0162	0.00000484	0.0000199	0.000248	0.00146
2030 Sep	19.9	0.0109	0.00798	0.00067	3.82	0.0249	3.06	0.00000483	0.00354	0.000243	0.00484	0.00597	0.00000987	3.23	0.00000243	0.0000495	0.0000508	0.000246	0.0117	0.00000243	0.649	0.000504	1.02	0.00166	0.0000438	0.624	0.000316	0.00103	0.0000254	0.0000526	0.0000317	0.0168	0.00000483	0.0000177	0.000248	0.00145
2030 Oct	25.2	0.00378	0.00757	0.000609	5.37	0.0337	3.64	0.00000488	0.0059	0.000283	0.00489	0.00726	0.0000099	3.96	0.00000652	0.0000496	0.000102	0.000379	0.00861	0.00000245	0.852	0.000502	1.29	0.00137	0.0000371	0.738	0.000679	0.00102	0.000737	0.0000847	0.0000253	0.0212	0.00000489	0.000017	0.000248	0.00246
2030 Nov	18.7	0.0102	0.00989	0.000726	2.96	0.0236	2.82	0.00000476	0.0032	0.000244	0.00477	0.00568	0.00000979	2.94	0.00000241	0.0000492	0.0000508	0.000244	0.00564	0.00000239	0.63	0.000504	0.985	0.00159	0.0000501	0.603	0.000337	0.00175	0.0000268	0.0000533	0.0000255	0.0139	0.00000476	0.0000156	0.000246	0.00143
2030 Dec	21	0.0126	0.0119	0.00074	3.35	0.026	3.17	0.00000474	0.0024	0.00026	0.00476	0.00686	0.00000978	3.3	0.0000024	0.0000492	0.0000509	0.000243	0.00568	0.00000238	0.727	0.000504	1.12	0.00163	0.0000517	0.691	0.000544	0.0013	0.0000269	0.0000535	0.0000256	0.0156	0.00000475	0.0000174	0.000246	0.00143
2031 Jan	21	0.0126	0.0119	0.00074	3.35	0.026	3.17	0.00000474	0.0024	0.00026	0.00476	0.00686	0.00000978	3.3	0.0000024	0.0000492	0.0000509	0.000243	0.00568	0.00000238	0.727	0.000504	1.12	0.00163	0.0000517	0.691	0.000544	0.0013	0.0000269	0.0000535	0.0000256	0.0156	0.00000475	0.0000174	0.000246	0.00143
2031 Feb	20.8	0.0118	0.00859	0.000637	3.27	0.0263	3.15	0.00000485	0.0024	0.000241	0.00486	0.00687	0.00000987	3.28	0.00000244	0.0000495	0.0000505	0.000246	0.00539	0.00000243	0.728	0.000502	1.13	0.00123	0.0000403	0.697	0.000517	0.0013	0.0000261	0.000052	0.0000253	0.0153	0.00000485	0.0000159	0.000248	0.00146
2031 Mar	23.1	0.0139	0.0088	0.000592	3.63	0.0291	3.51	0.0000049	0.00154	0.000247	0.00491	0.00816	0.00000992	3.66	0.00000246	0.0000497	0.0000503	0.000247	0.00526	0.00000246	0.834	0.000502	1.28	0.00103	0.0000352	0.796	0.000724	0.00149	0.0000257	0.0000514	0.0000252	0.0169	0.0000049	0.0000168	0.000248	0.00147
2031 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2031 May	23.7	0.00868	0.00317	0.00052	3.67	0.0299	3.63	0.00000498	0.0023	0.000224	0.00498	0.00794	0.00000998	3.54	0.00000249	0.0000499	0.0000501	0.00025	0.00506	0.00000249	0.799	0.0005	1.25	0.000696	0.0000273	0.791	0.000693	0.001	0.0000252	0.0000503	0.0000251	0.0171	0.00000498	0.0000158	0.00025	0.00149
2031 Jun	28.7	0.0124	0.0132	0.000757	6.05	0.0343	4.1	0.0000047	0.0016	0.000323	0.00471	0.00969	0.00000971	4.51	0.00000239	0.0000489	0.0000767	0.000242	0.00565	0.00000236	0.988	0.000504	1.5	0.00151	0.0000539	0.907	0.00076	0.002	0.0000275	0.0000536	0.0000256	0.0235	0.0000047	0.0000183	0.000244	0.00142
2031 Jul	18.4	0.00325	0.00465	0.000563	3.74	0.0249	2.59	0.00000493	0.00476	0.000222	0.00494	0.00642	0.00000994	3.06	0.00000247	0.0000498	0.000089	0.000248	0.0139	0.00000247	0.625	0.000502	1.01	0.00271	0.000032	0.606	0.000681	0.00101	0.0000254	0.0000509	0.0000252	0.015	0.00000493	0.0000174	0.000249	0.00148
2031 Aug	19.4	0.00459	0.00852	0.000675	4.04	0.0247	2.73	0.00000482	0.00439	0.000252	0.00483	0.00606	0.00000984	3.19	0.00000243	0.0000494	0.0000509	0.000246	0.0127	0.00000242	0.661	0.000505	0.946	0.00199	0.0000527	0.598	0.000456	0.00104	0.0000257	0.0000526	0.0000255	0.0163	0.00000482	0.0000199	0.000247	0.00145
2031 Sep	20	0.0107	0.00772	0.00065	3.82	0.0249	3.05	0.00000483	0.00354	0.000238	0.00484	0.00596	0.00000983	3.23	0.00000243	0.0000494	0.0000506	0.000245	0.0116	0.00000242	0.649	0.000503	1.02	0.00162	0.000042	0.623	0.000309	0.00103	0.0000253	0.0000521	0.0000316	0.0168	0.00000483	0.0000175	0.000246	0.00145
2031 Oct	25.2	0.00364	0.00741	0.000596	5.37	0.0337	3.63	0.00000488	0.00589	0.00028	0.00489	0.00726	0.00000988	3.96	0.00000652	0.0000495	0.000102	0.000379	0.00859	0.00000245	0.852	0.000502	1.29	0.00134	0.000036	0.738	0.000675	0.00102	0.000737	0.0000844	0.0000252	0.0212	0.00000488	0.0000169	0.000247	0.00246
2031 Nov	18.8	0.00991	0.00953	0.000699	2.96	0.0236	2.81	0.00000475	0.00319	0.000238	0.00476	0.00567	0.00000974	2.93	0.00000241	0.000049	0.0000506	0.000243	0.00558	0.00000239	0.629	0.000503	0.984	0.00153	0.0000477	0.602	0.000327	0.00174	0.0000267	0.0000527	0.0000255	0.0139	0.00000476	0.0000153	0.000244	0.00143
2031 Dec	21	0.0123	0.0115	0.000711	3.35	0.026	3.16	0.00000474	0.0024	0.000253	0.00475	0.00685	0.00000973	3.3	0.0000024	0.0000489	0.0000507	0.000243	0.00562	0.00000238	0.727	0.000504	1.12	0.00157	0.0000491	0.691	0.000534	0.0013	0.0000268	0.0000529	0.0000255	0.0156	0.00000474	0.000017	0.000244	0.00143
2032 Jan	21	0.0123	0.0115	0.000711	3.35	0.026	3.16	0.00000474	0.0024	0.000253	0.00475	0.00685	0.00000973	3.3	0.0000024	0.0000489	0.0000507	0.000243	0.00562	0.00000238	0.727	0.000504	1.12	0.00157	0.0000491	0.691	0.000534	0.0013	0.0000269	0.0000529	0.0000255	0.0156	0.00000474	0.000017	0.000244	0.00143
2032 Feb	20.9	0.0116	0.00823	0.000616	3.26	0.0263	3.14	0.00000486	0.0024	0.000236	0.00486	0.00687	0.00000985	3.28	0.00000244	0.0000494	0.0000504	0.000246	0.00534	0.00000243	0.728	0.000502	1.13	0.00117	0.0000383	0.697	0.00051	0.0013	0.000026	0.0000516	0.0000253	0.0153	0.00000486	0.0000156	0.000247	0.00146
2032 Mar	23.1	0.0138	0.00888	0.000588	3.64	0.029	3.51	0.00000489	0.00154	0.000245	0.0049	0.00815	0.00000989	3.66	0.00000246	0.0000496	0.0000503	0.000247	0.00526	0.00000245	0.833	0.000502	1.28	0.00103	0.000035	0.795	0.000721	0.00149	0.0000258	0.0000512	0.0000252	0.017	0.00000489	0.0000168	0.000248	0.00147
2032 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2032 May	23.7	0.00865	0.00313	0.000518	3.67	0.0299	3.63	0.00000498	0.0023	0.000223	0.00498	0.00794	0.00000998	3.54	0.00000249	0.0000499	0.0000501	0.000249	0.00505	0.00000249	0.799	0.0005	1.25	0.000689	0.000027	0.791	0.000692	0.001	0.0000252	0.0000503	0.000025	0.0171	0.00000498	0.0000158	0.00025	0.00149
2032 Jun	28.8	0.0121	0.0128	0.000726	6.06	0.0343	4.08	0.00000469	0.00159	0.000315	0.00471	0.00968	0.00000965	4.5	0.00000238	0.0000486	0.0000765	0.000242	0.00559	0.00000236	0.988	0.000503	1.5	0.00144	0.0000512	0.906	0.000749	0.00199	0.0000274	0.0000529	0.0000255	0.0235	0.0000047	0.0000179	0.000242	0.00142
2032 Jul	18.4	0.00318	0.00456	0.000555	3.74	0.0249	2.58	0.00000493	0.00476	0.00022	0.00493	0.00642	0.00000993	3.06	0.00000247	0.0000497	0.0000889	0.000248	0.0139	0.00000247	0.625	0.000502	1.01	0.00269	0.0000314	0.606	0.000679	0.00101	0.0000253	0.0000508	0.0000251	0.0149	0.00000493	0.0000173	0.000248	0.00148
2032 Aug	19.4	0.00444	0.00843	0.000659	4.04	0.0247	2.72	0.00000481	0.00437	0.000248	0.00482	0.00606	0.00000979	3.19	0.00000242	0.0000492	0.0000507	0.000245	0.0127	0.00000241	0.661	0.000505	0.945	0.00196	0.0000513	0.597	0.00045	0.00104	0.0000257	0.0000522	0.0000254	0.0163	0.00000481	0.0000197	0.000246	0.00145
2032 Sep	20	0.0105	0.00744	0.000631	3.83	0.0249	3.04	0.00000483	0.00353	0.000233	0.00483	0.00596	0.0000098	3.23	0.00000243	0.0000492	0.0000504	0.000245	0.0116	0.00000242	0.648	0.000503	1.01	0.00157	0.0000402	0.623	0.000302	0.00103	0.0000252	0.0000517	0.0000316	0.0167	0.00000483	0.0000172	0.000246	0.00145
2032 Oct	25.2	0.00356	0.00735	0.000587	5.37	0.0337	3.62	0.00000488	0.00588	0.000277	0.00488	0.00726	0.00000985	3.96	0.00000651	0.0000494	0.000102	0.000379	0.00857	0.00000244	0.851	0.000502	1.29	0.00133	0.0000352	0.737	0.000671	0.00102	0.000736	0.0000841	0.0000252	0.0212	0.00000488	0.0000168	0.000247	0.00246
2032 Nov	18.8	0.00967	0.00925	0.000676	2.97	0.0235	2.8	0.00000475	0.00319	0.000232	0.00476	0.00567	0.0000097	2.93	0.0000024	0.0000488	0.0000504	0.000243	0.00554	0.00000238	0.629	0.000503	0.982	0.00148	0.0000456	0.602	0.000318	0.00174	0.0000268	0.0000522	0.0000254	0.0139	0.00000475	0.000015	0.000243	0.00143
2032 Dec	21	0.012	0.0112	0.000686	3.36	0.0259	3.14	0.00000473	0.00239	0.000247	0.00474	0.00685	0.00000968	3.29	0.0000024	0.0000487	0.0000504	0.000243	0.00557	0.00000238	0.726	0.000503	1.12	0.00151	0.0000469	0.69	0.000524	0.0013	0.0000269	0.0000523	0.0000254	0.0156	0.00000474	0.0000167	0.000243	0.00143
2033 Jan	21	0.012	0.0112	0.000686	3.36	0.0259	3.14	0.00000473	0.00239	0.000247	0.00474	0.00685	0.00000968	3.29	0.0000024	0.0000487	0.0000504	0.000243	0.00557	0.00000238	0.726	0.000503	1.12	0.00151	0.0000469	0.69	0.000524	0.0013	0.0000269	0.0000523	0.0000254	0.0156	0.00000474	0.0000167	0.000243	0.00143
2033 Feb	20.9	0.0115	0.00819	0.000606	3.27	0.0263	3.13	0.00000485	0.00239	0.000233	0.00485	0.00687	0.00000982	3.28	0.00000244	0.0000493	0.0000503	0.000246	0.00533	0.00000243	0.728	0.000502	1.13	0.00116	0.0000375	0.696	0.000505	0.0013	0.0000261	0.0000513	0.0000252	0.0153	0.00000485	0.0000155	0.000246	0.00146
2033 Mar	23.1	0.0136	0.00821	0.000563	3.63	0.0291	3.5	0.00000491	0.00153	0.00024	0.00491	0.00816	0.00000989	3.66	0.00000247	0.0000496	0.0000502	0.000247	0.00519	0.00000246	0.834	0.000501	1.28	0.000947	0.0000324	0.796	0.000716	0.00149	0.0000256	0.0000508	0.0000251	0.0169	0.00000491	0.0000164	0.000248	0.00148
2033 Apr	20.8	0.00617	0.00258	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000585	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2033 May	23.7	0.00863	0.00312	0.000516	3.67	0.0299	3.63	0.00000498	0.0023	0.000223	0.00498	0.00794	0.00000997	3.54	0.00000249	0.0000499	0.00005	0.000249	0.00505	0.00000249	0.799	0.0005	1.25	0.000688	0.0000269	0.791	0.000692	0.001	0.0000252	0.0000502	0.000025	0.0171	0.00000498	0.0000157	0.000249	0.00149
2033 Jun	28.8	0.0118	0.0125	0.000701	6.06	0.0342	4.07	0.00000469	0.00158	0.000309	0.0047	0.00968	0.0000096	4.5	0.00000238	0.0000484	0.0000762	0.000241	0.00554	0.00000235	0.988	0.000503	1.5	0.00139	0.0000489	0.906	0.00074	0.00199	0.0000274	0.0000524	0.0000254	0.0235	0.00000469	0.0000176	0.000241	0.00141
2033 Jul	18.4	0.00311	0.00447	0.000549	3.74	0.0249	2.58	0.00000493	0.00476	0.000219	0.00493	0.00642	0.00000991	3.06	0.00000247	0.0000497	0.0000889	0.000248	0.0138	0.00000247	0.625	0.000502	1.01	0.00268	0.0000308	0.606	0.000676	0.00101	0.0000253	0.0000506	0.0000251	0.0149	0.00000493	0.0000172	0.000248	0.00148
2033 Aug	19.4	0.00419	0.008	0.000636	4.04	0.0247	2.71	0.00000481	0.00438	0.000243	0.00482	0.00606	0.00000977	3.18	0.00000242	0.0000491	0.0000506	0.000245	0.0127	0.00000241	0.66	0.000505	0.944	0.0019	0.0000492	0.597	0.000442	0.00104	0.0000257	0.0000517	0.0000254	0.0163	0.00000481	0.0000194	0.000245	0.00145
2033 Sep	20	0.0104	0.00728	0.000617	3.83	0.0249	3.04	0.00000482	0.00353	0.00023	0.00483	0.00596	0.00000977	3.23	0.00000243	0.0000491	0.0000503	0.000245	0.0115	0.00000242	0.649	0.000503	1.01	0.00154	0.000039	0.623	0.000297	0.00103	0.0000252	0.0000513	0.0000315	0.0167	0.00000482	0.0000171	0.000245	0.00145
2033 Oct	25.2	0.00342	0.0071	0.000574	5.37	0.0337	3.62	0.00000488	0.00589	0.000274	0.00488	0.00726	0.00000984	3.96	0.00000652	0.0000494	0.000102	0.000379	0.00854	0.00000244	0.852	0.000501	1.29	0.00129	0.000034	0.737	0.000667	0.00101	0.000738	0.0000839	0.0000252	0.0212	0.00000488	0.0000166	0.000246	0.00246
2033 Nov	18.8	0.00946	0.00895	0.000655	2.97	0.0235	2.79	0.00000475	0.00318	0.000227	0.00475	0.00566	0.00000966	2.93	0.0000024	0.0000486	0.0000503	0.000243	0.00549	0.00000238	0.629	0.000503	0.981	0.00143	0.0000437	0.602	0.000311	0.00174	0.0000268	0.0000517	0.0000253	0.0139	0.00000475	0.0000147	0.000242	0.00143
2033 Dec	21	0.0118	0.0109	0.000665	3.36	0.0259	3.13	0.00000473	0.00238	0.000242	0.00474	0.00685	0.00000964	3.29	0.00000239	0.0000486	0.0000503	0.000242	0.00553	0.00000237	0.726	0.000503	1.12	0.00146	0.000045	0.69	0.000517	0.00129	0.0000269	0.0000518	0.0000253	0.0156	0.00000473	0.0000165	0.000242	0.00142
2034 Jan	21	0.0118	0.0109	0.000665	3.36	0.0259	3.13	0.00000473	0.00238	0.000242	0.00474	0.00685	0.00000964	3.29	0.00000239	0.0000486	0.0000503	0.000242	0.00553	0.00000237	0.726	0.000503	1.12	0.00146	0.000045	0.69	0.000517	0.00129	0.0000269	0.0000518	0.0000253	0.0156	0.00000473	0.0000165	0.000242	0.00142
2034 Feb	20.9	0.0113	0.00803	0.000594	3.27	0.0263	3.13	0.00000485	0.00239	0.00023	0.00485	0.00687	0.00000979	3.27	0.00000244	0.0000492	0.0000502	0.000246	0.0053	0.00000243	0.728	0.000502	1.12	0.00113	0.0000364	0.696	0.000501	0.0013	0.0000261	0.0000511	0.0000252	0.0153	0.00000485	0.0000153	0.000245	0.00146
2034 Mar	23.1	0.0135	0.00807	0.000554	3.63	0.0291	3.5	0.00000491	0.00153	0.000238	0.00491	0.00816	0.00000988	3.65	0.00000247	0.0000495	0.0000501	0.000247	0.00517	0.00000246	0.834	0.000501	1.28	0.000925	0.0000316	0.797	0.000713	0.00149	0.0000256	0.0000506	0.0000251	0.0169	0.00000491	0.0000163	0.000247	0.00148
2034 Apr	20.8	0.00617	0.00258	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000584	0.0000252	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2034 May	23.7	0.00861	0.0031	0.000514	3.67	0.0299	3.63	0.00000498	0.0023	0.000222	0.00498	0.00794	0.00000997	3.54	0.00000249	0.0000499	0.00005	0.000249	0.00505	0.00000249	0.799	0.0005	1.25	0.000683	0.0000267	0.791	0.000691	0.001	0.0000252	0.0000502	0.000025	0.0171	0.00000498	0.0000157	0.000249	0.00149
2034 Jun	28.8	0.0116	0.0123	0.000681	6.06	0.0342	4.06	0.00000468	0.00158	0.000303	0.00469	0.00967	0.00000955	4.49	0.00000237	0.0000482	0.000076	0.000241	0.0055	0.00000235	0.987	0.000503	1.5	0.00135	0.0000472	0.905	0.000732	0.00198	0.0000274	0.0000519	0.0000253	0.0235	0.00000468	0.0000173	0.00024	0.00141
2034 Jul	18.4	0.0031	0.00455	0.000547	3.74	0.0249	2.58	0.00000492	0.00475	0.000218	0.00493	0.00642	0.0000099	3.06	0.00000247	0.0000496	0.0000887	0.000248	0.0138	0.00000246	0.625	0.000501	1.01	0.00268	0.0000308	0.606	0.000675	0.00101	0.0000253	0.0000505	0.0000251	0.015	0.00000492	0.0000172	0.000248	0.00148
2034 Aug	19.4	0.00399	0.00767	0.000618	4.04	0.0247	2.7	0.00000481	0.00438	0.000239	0.00482	0.00605	0.00000975	3.18	0.00000242	0.000049	0.0000504	0.000245	0.0126	0.00000241	0.66	0.000504	0.943	0.00186	0.0000475	0.597	0.000436	0.00103	0.0000256	0.0000513	0.0000253	0.0162	0.00000481	0.0000191	0.000244	0.00145
2034 Sep	20	0.0102	0.00704	0.000602	3.83	0.0249	3.03	0.00000482	0.00353	0.000226	0.00483	0.00595	0.00000975	3.22	0.00000242	0.000049	0.0000502	0.000245	0.0115	0.00000242	0.648	0.000503	1.01	0.00151	0.0000377	0.623	0.000292	0.00102	0.0000252	0.000051	0.0000315	0.0167	0.00000482	0.0000169	0.000244	0.00145
2034 Oct	25.2	0.00333	0.007	0.000566	5.37	0.0337	3.61	0.00000488	0.00589	0.000272	0.00488	0.00725	0.00000982	3.95	0.00000652	0.0000493	0.000102	0.000379	0.00853	0.00000244	0.851	0.000501	1.29	0.00128	0.0000333	0.737	0.000664	0.00101	0.000737	0.0000837	0.0000251	0.0212	0.00000488	0.0000165	0.000246	0.00246
2034 Nov	18.8	0.00928	0.00873	0.000638	2.97	0.0235	2.78	0.00000474	0.00318	0.000222	0.00475	0.00566	0.00000963	2.92	0.0000024	0.0000485	0.0000501	0.000242	0.00546	0.00000238	0.629	0.000502	0.98	0.0014	0.0000422	0.601	0.000305	0.00173	0.0000267	0.0000513	0.0000253	0.0139	0.00000474	0.0000145	0.000241	0.00143
2034 Dec	21	0.0116	0.0107	0.000647	3.36	0.0259	3.12	0.00000473	0.00238	0.000237	0.00473	0.00684	0.0000096	3.28	0.00000239	0.0000484	0.0000501	0.000242	0.00549	0.00000237	0.726	0.000503	1.12	0.00143	0.0000434	0.69	0.00051	0.00129	0.0000268	0.0000514	0.0000253	0.0156	0.00000473	0.0000163	0.000241	0.00142
2035 Jan	21	0.0116	0.0107	0.000647	3.36	0.0259	3.12	0.00000473	0.00238	0.000237	0.00473	0.00684	0.0000096	3.28	0.00000239	0.0000484	0.0000501	0.000242	0.00549	0.00000237	0.726	0.000503	1.12	0.00143	0.0000434	0.69	0.00051	0.00129	0.0000268	0.0000514	0.0000253	0.0156	0.00000473	0.0000163	0.000241	0.00142
2035 Feb	20.9	0.0112	0.0079	0.000584	3.27	0.0263	3.12	0.00000484	0.00239	0.000228	0.00485	0.00687	0.00000977	3.27	0.00000244	0.0000491	0.0000501	0.000245	0.00528	0.00000243	0.728	0.000502	1.12	0.00111	0.0000355	0.696	0.000497	0.00129	0.000026	0.0000508	0.0000252	0.0153	0.00000484	0.0000152	0.000245	0.00146
2035 Mar	23.1	0.0135	0.00805	0.00055	3.63	0.0291	3.5	0.00000491	0.00153	0.000237	0.00491	0.00816	0.00000987	3.65	0.00000246	0.0000495	0.00005	0.000247	0.00517	0.00000246	0.834	0.000501	1.28	0.000919	0.0000312	0.796	0.000711	0.00149	0.0000256	0.0000505	0.0000251	0.0169	0.00000491	0.0000163	0.000247	0.00147
2035 Apr	20.8	0.00617	0.00258	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000584	0.0000252	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2035 May	23.7	0.00861	0.00314	0.000514	3.67	0.0299	3.63	0.00000497	0.0023	0.000222	0.00498	0.00794	0.00000996	3.54	0.00000249	0.0000499	0.00005	0.000249	0.00505	0.00000249	0.799	0.0005	1.25	0.000687	0.0000268	0.791	0.000691	0.001	0.0000252	0.0000502	0.000025	0.0171	0.00000498	0.0000157	0.000249	0.00149
2035 Jun	28.8	0.0114	0.012	0.000659	6.07	0.0342	4.05	0.00000468	0.00157	0.000298	0.00469	0.00967	0.00000952	4.49	0.00000237	0.000048	0.0000759	0.00024	0.00545	0.00000235	0.988	0.000503	1.5	0.0013	0.0000452	0.905	0.000725	0.00198	0.0000273	0.0000514	0.0000253	0.0235	0.00000468	0.0000171	0.000239	0.00141
2035 Jul	18.4	0.00301	0.00435	0.000539	3.74	0.0249	2.58	0.00000493	0.00476	0.000216	0.00493	0.00642	0.0000099	3.06	0.00000247	0.0000496	0.0000888	0.000248	0.0138	0.00000247	0.625	0.000501	1.01	0.00266	0.0000299	0.606	0.000673	0.00101	0.0000253	0.0000504	0.0000251	0.0149	0.00000493	0.0000171	0.000248	0.00148
2035 Aug	19.4	0.00394	0.00778	0.000612	4.05	0.0246	2.7	0.0000048	0.00436	0.000236	0.00481	0.00605	0.00000971	3.18	0.00000242	0.0000489	0.0000503	0.000244	0.0126	0.00000241	0.66	0.000504	0.943	0.00186	0.0000471	0.597	0.000433	0.00103	0.0000256	0.0000511	0.0000253	0.0163	0.0000048	0.0000191	0.000243	0.00144
2035 Sep	20	0.0101	0.00689	0.000591	3.83	0.0248	3.02	0.00000482	0.00352	0.000224	0.00482	0.00595	0.00000973	3.22	0.00000242	0.0000489	0.0000501	0.000245	0.0115	0.00000241	0.648	0.000502	1.01	0.00148	0.0000367	0.622	0.000288	0.00102	0.0000252	0.0000508	0.0000314	0.0167	0.00000482	0.0000167	0.000244	0.00145
2035 Oct	25.2	0.00327	0.00694	0.00056	5.37	0.0337	3.61	0.00000487	0.00588	0.00027	0.00488	0.00725	0.00000981	3.95	0.00000651	0.0000492	0.000102	0.000378	0.00851	0.00000244	0.851	0.000501	1.29	0.00126	0.0000327	0.737	0.000661	0.00101	0.000737	0.0000835	0.0000251	0.0212	0.00000487	0.0000164	0.000245	0.00246
2035 Nov	18.8	0.00912	0.0085	0.000622	2.97	0.0235	2.77	0.00000474	0.00318	0.000219	0.00475	0.00566	0.0000096	2.92	0.0000024	0.0000484	0.00005	0.000242	0.00543	0.00000238	0.629	0.000502	0.979	0.00136	0.0000408	0.601	0.000299	0.00173	0.0000268	0.000051	0.0000252	0.0139	0.00000474	0.0000143	0.000241	0.00143
2035 Dec	21	0.0114	0.0104	0.000631	3.36	0.0259	3.12	0.00000472	0.00238	0.000233	0.00473	0.00684	0.00000958	3.28	0.00000239	0.0000483	0.00005	0.000242	0.00546	0.00000237	0.726	0.000502	1.12	0.00139	0.0000419	0.689	0.000505	0.00129	0.0000269	0.0000511	0.0000252	0.0156	0.00000473	0.000016	0.00024	0.00142
2036 Jan	21	0.0114	0.0104	0.000631	3.36	0.0259	3.12	0.00000472	0.00238	0.000233	0.00473	0.00684	0.00000958	3.28	0.00000239	0.0000483	0.00005	0.000242	0.00546	0.00000237	0.726	0.000502	1.12	0.00139	0.0000419	0.689	0.000505	0.00129	0.0000269	0.0000511	0.0000252	0.0156	0.00000473	0.000016	0.00024	0.00142
2036 Feb	20.9	0.0111	0.00764	0.000572	3.27	0.0263	3.12	0.00000485	0.00239	0.000225	0.00485	0.00686	0.00000977	3.27	0.00000244	0.000049	0.00005	0.000245	0.00525	0.00000243	0.728	0.000501	1.12	0.00108	0.0000343	0.696	0.000494	0.00129	0.0000261	0.0000506	0.0000251	0.0153	0.00000485	0.000015	0.000244	0.00146
2036 Mar	23.1	0.0134	0.00776	0.00054	3.63	0.0291	3.49	0.00000492	0.00153	0.000235	0.00492	0.00817	0.00000987	3.65	0.00000247	0.0000495	0.00005	0.000247	0.00514	0.00000246	0.835	0.000501	1.28	0.000882	0.0000301	0.797	0.000709	0.00149	0.0000256	0.0000503	0.0000251	0.0169	0.00000492	0.0000161	0.000247	0.00148
2036 Apr	20.8	0.00617	0.0026	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000586	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2036 May	23.7	0.00859	0.00311	0.000513	3.67	0.0299	3.62	0.00000497	0.0023	0.000222	0.00498	0.00794	0.00000996	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00505	0.00000249	0.799	0.0005	1.25	0.000683	0.0000266	0.791	0.00069	0.001	0.0000253	0.0000501	0.000025	0.0171	0.00000498	0.0000157	0.000249	0.00149
2036 Jun	28.8	0.0112	0.0117	0.000642	6.07	0.0342	4.04	0.00000468	0.00157	0.000294	0.00468	0.00967	0.00000949	4.49	0.00000237	0.0000479	0.0000757	0.00024	0.00542	0.00000235	0.988	0.000502	1.5	0.00126	0.0000436	0.905	0.000719	0.00198	0.0000274	0.000051	0.0000252	0.0235	0.00000468	0.0000169	0.000238	0.00141
2036 Jul	18.4	0.00298	0.00432	0.000536	3.74	0.0249	2.57	0.00000493	0.00475	0.000215	0.00493	0.00642	0.00000989	3.06	0.00000247	0.0000495	0.0000887	0.000248	0.0138	0.00000246	0.625	0.000501	1.01	0.00265	0.0000297	0.606	0.000671	0.00101	0.0000253	0.0000503	0.0000251	0.0149	0.00000493	0.000017	0.000247	0.00148
2036 Aug	19.4	0.00371	0.00717	0.000592	4.04	0.0247	2.69	0.00000482	0.00438	0.000232	0.00482	0.00604	0.00000972	3.17	0.00000242	0.0000489	0.0000502	0.000245	0.0126	0.00000241	0.659	0.000504	0.941	0.00179	0.000045	0.596	0.000427	0.00103	0.0000256	0.0000508	0.0000252	0.0162	0.00000482	0.0000188	0.000243	0.00145
2036 Sep	20	0.0101	0.00689	0.000584	3.83	0.0248	3.02	0.00000481	0.00352	0.000222	0.00482	0.00595	0.00000971	3.22	0.00000242	0.0000488	0.00005	0.000244	0.0115	0.00000241	0.648	0.000502	1.01	0.00147	0.0000361	0.622	0.000286	0.00102	0.0000252	0.0000506	0.0000314	0.0167	0.00000481	0.0000167	0.000243	0.00145
2036 Oct	25.2	0.00327	0.00713	0.000559	5.37	0.0336	3.6	0.00000486	0.00586	0.000269	0.00486	0.00725	0.00000978	3.95	0.00000648	0.0000491	0.000102	0.000377	0.0085	0.00000243	0.85	0.000501	1.28	0.00128	0.0000329	0.736	0.000659	0.00101	0.000733	0.0000832	0.0000251	0.0212	0.00000486	0.0000164	0.000245	0.00245
2036 Nov	18.8	0.00899	0.00837	0.000611	2.97	0.0235	2.76	0.00000474	0.00317	0.000216	0.00474	0.00565	0.00000958	2.92	0.0000024	0.0000483	0.0000499	0.000242	0.00541	0.00000237	0.629	0.000502	0.978	0.00134	0.0000398	0.601	0.000295	0.00173	0.0000268	0.0000507	0.0000252	0.0139	0.00000474	0.0000142	0.00024	0.00143
2036 Dec	21	0.0113	0.0104	0.000621	3.37	0.0258	3.11	0.00000471	0.00237	0.00023	0.00472	0.00683	0.00000954	3.28	0.00000239	0.0000481	0.0000499	0.000241	0.00544	0.00000236	0.726	0.000502	1.11	0.00138	0.0000411	0.689	0.0005	0.00129	0.000027	0.0000508	0.0000252	0.0156	0.00000472	0.0000159	0.000239	0.00142
2037 Jan	21.1	0.0114	0.0115	0.000642	3.41	0.0257	3.11	0.00000466	0.00237	0.000233	0.00467	0.00682	0.00000946	3.28	0.00000237	0.0000478	0.0000499	0.00024	0.00552	0.00000234	0.725	0.000502	1.11	0.0015	0.0000439	0.686	0.000504	0.00128	0.0000274	0.0000509	0.0000252	0.0157	0.00000467	0.0000163	0.000237	0.00141
2037 Feb	20.9	0.0111	0.00837	0.000581	3.3	0.0261	3.11	0.00000481	0.00238	0.000225	0.00481	0.00685	0.00000969	3.27	0.00000242	0.0000487	0.0000499	0.000244	0.0053	0.00000241	0.727	0.000501	1.12	0.00115	0.0000358	0.694	0.000494	0.00129	0.0000263	0.0000505	0.0000251	0.0153	0.00000481	0.0000152	0.000243	0.00145
2037 Mar	23.1	0.0134	0.00764	0.000534	3.63	0.0291	3.49	0.00000492	0.00152	0.000234	0.00492	0.00817	0.00000987	3.65	0.00000247	0.0000495	0.00005	0.000247	0.00513	0.00000246	0.835	0.000501	1.28	0.000866	0.0000296	0.797	0.000708	0.00149	0.0000256	0.0000502	0.0000251	0.0169	0.00000492	0.000016	0.000247	0.00148
2037 Apr	20.8	0.00617	0.0026	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000586	0.0000252	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2037 May	23.7	0.00858	0.0031	0.000511	3.67	0.0299	3.62	0.00000497	0.0023	0.000221	0.00498	0.00794	0.00000996	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.00068	0.0000265	0.791	0.00069	0.001	0.0000253	0.0000501	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149
2037 Jun	28.8	0.0111	0.0116	0.000629	6.07	0.0342	4.03	0.00000467	0.00157	0.000291	0.00468	0.00966	0.00000946	4.48	0.00000237	0.0000478	0.0000756	0.00024	0.00539	0.00000234	0.987	0.000502	1.5	0.00124	0.0000425	0.905	0.000714	0.00198	0.0000274	0.0000507	0.0000252	0.0235	0.00000468	0.0000167	0.000237	0.00141
2037 Jul	18.4	0.00294	0.00426	0.000532	3.74	0.0249	2.57	0.00000493	0.00475	0.000214	0.00493	0.00642	0.00000988	3.06	0.00000247	0.0000495	0.0000887	0.000248	0.0138	0.00000246	0.624	0.000501	1.01	0.00264	0.0000293	0.606	0.00067	0.00101	0.0000253	0.0000502	0.0000251	0.0149	0.00000493	0.000017	0.000247	0.00148
2037 Aug	19.4	0.00373	0.00754	0.000592	4.05	0.0246	2.69	0.0000048	0.00436	0.000231	0.0048	0.00605	0.00000967	3.18	0.00000241	0.0000487	0.0000502	0.000244	0.0126	0.0000024	0.66	0.000504	0.942	0.00181	0.0000453	0.597	0.000426	0.00103	0.0000256	0.0000507	0.0000252	0.0163	0.0000048	0.0000188	0.000242	0.00144
2037 Sep	20	0.00996	0.00667	0.000575	3.83	0.0248	3.02	0.00000482	0.00352	0.000219	0.00482	0.00595	0.0000097	3.22	0.00000242	0.0000488	0.00005	0.000244	0.0115	0.00000241	0.648	0.000502	1.01	0.00145	0.0000352	0.622	0.000282	0.00102	0.0000252	0.0000504	0.0000314	0.0167	0.00000482	0.0000165	0.000243	0.00145
2037 Oct	25.2	0.00315	0.0068	0.000549	5.37	0.0337	3.6	0.00000487	0.00588	0.000268	0.00487	0.00725	0.00000979	3.95	0.00000651	0.0000491	0.000102	0.000378	0.00849	0.00000244	0.851	0.000501	1.29	0.00124	0.0000318	0.737	0.000657	0.00101	0.000737	0.0000833	0.0000251	0.0212	0.00000487	0.0000163	0.000245	0.00246
2037 Nov	18.8	0.00888	0.0082	0.0006	2.97	0.0235	2.76	0.00000474	0.00317	0.000213	0.00474	0.00565	0.00000956	2.92	0.0000024	0.0000482	0.0000498	0.000242	0.00539	0.00000237	0.629	0.000502	0.978	0.00131	0.0000388	0.601	0.000291	0.00173	0.0000268	0.0000505	0.0000252	0.0139	0.00000474	0.000014	0.000239	0.00143
2037 Dec	21	0.0112	0.0101	0.000607	3.36	0.0258	3.1	0.00000472	0.00237	0.000227	0.00472	0.00683	0.00000953	3.28	0.00000239	0.0000481	0.0000498	0.000241	0.00541	0.00000236	0.726	0.000502	1.11	0.00134	0.0000398	0.689	0.000496	0.00128	0.0000269	0.0000505	0.0000252	0.0156	0.00000472	0.0000158	0.000239	0.00142
2038 Jan	21	0.0112	0.0101	0.000607	3.36	0.0258	3.1	0.00000472	0.00237	0.000227	0.00472	0.00683	0.00000953	3.28	0.00000239	0.0000481	0.0000498	0.000241	0.00541	0.00000236	0.726	0.000502	1.11	0.00134	0.0000397	0.689	0.000496	0.00128	0.0000269	0.0000505	0.0000252	0.0156	0.00000472	0.0000158	0.000239	0.00142
2038 Feb	20.9	0.011	0.00759	0.000561	3.27	0.0262	3.11	0.00000484	0.00238	0.000222	0.00484	0.00686	0.00000973	3.27	0.00000244	0.0000489	0.0000499	0.000245	0.00524	0.00000242	0.728	0.000501	1.12	0.00106	0.0000334	0.696	0.000489	0.00129	0.0000261	0.0000503	0.0000251	0.0153	0.00000484	0.0000149	0.000243	0.00145
2038 Mar	23.1	0.0133	0.00726	0.000525	3.62	0.0292	3.5	0.00000494	0.00152	0.000232	0.00494	0.00818	0.00000989	3.65	0.00000247	0.0000496	0.00005	0.000248	0.0051	0.00000247	0.836	0.0005	1.28	0.00082	0.0000284	0.799	0.000707	0.00149	0.0000254	0.0000501	0.000025	0.0169	0.00000494	0.0000159	0.000247	0.00148
2038 Apr	20.8	0.00617	0.00261	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000587	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2038 May	23.7	0.00857	0.00311	0.000511	3.68	0.0299	3.62	0.00000497	0.0023	0.000221	0.00497	0.00794	0.00000996	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.00068	0.0000265	0.791	0.000689	0.001	0.0000253	0.0000501	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149
2038 Jun	28.8	0.0109	0.0113	0.000615	6.07	0.0342	4.03	0.00000468	0.00156	0.000288	0.00468	0.00967	0.00000945	4.48	0.00000237	0.0000477	0.0000756	0.00024	0.00536	0.00000234	0.988	0.000502	1.5	0.00119	0.0000411	0.905	0.00071	0.00198	0.0000273	0.0000504	0.0000251	0.0235	0.00000468	0.0000165	0.000237	0.00141
2038 Jul	18.5	0.00295	0.00442	0.000533	3.75	0.0248	2.57	0.00000492	0.00474	0.000214	0.00492	0.00642	0.00000986	3.06	0.00000247	0.0000494	0.0000886	0.000247	0.0138	0.00000246	0.625	0.000501	1.01	0.00265	0.0000295	0.606	0.000669	0.00101	0.0000254	0.0000502	0.0000251	0.015	0.00000492	0.000017	0.000247	0.00148
2038 Aug	19.4	0.00348	0.0067	0.000572	4.04	0.0247	2.68	0.00000483	0.00439	0.000228	0.00483	0.00604	0.00000971	3.17	0.00000243	0.0000488	0.0000501	0.000245	0.0126	0.00000242	0.659	0.000504	0.94	0.00173	0.000043	0.596	0.00042	0.00102	0.0000256	0.0000504	0.0000252	0.0162	0.00000483	0.0000186	0.000243	0.00145
2038 Sep	20	0.0099	0.00663	0.000569	3.83	0.0248	3.01	0.00000482	0.00352	0.000218	0.00482	0.00595	0.00000968	3.22	0.00000242	0.0000487	0.0000499	0.000244	0.0114	0.00000241	0.648	0.000502	1.01	0.00144	0.0000347	0.622	0.00028	0.00102	0.0000252	0.0000503	0.0000314	0.0167	0.00000482	0.0000165	0.000242	0.00145
2038 Oct	25.2	0.00314	0.00686	0.000547	5.37	0.0336	3.6	0.00000487	0.00587	0.000267	0.00487	0.00725	0.00000977	3.95	0.00000649	0.000049	0.000102	0.000378	0.00848	0.00000243	0.851	0.000501	1.28	0.00124	0.0000317	0.736	0.000656	0.00101	0.000735	0.0000831	0.0000251	0.0212	0.00000487	0.0000163	0.000244	0.00245
2038 Nov	18.8	0.00879	0.00806	0.000591	2.98	0.0235	2.75	0.00000474	0.00317	0.000211	0.00474	0.00565	0.00000954	2.91	0.00000239	0.0000481	0.0000497	0.000242	0.00536	0.00000237	0.629	0.000501	0.977	0.00129	0.000038	0.601	0.000288	0.00173	0.0000269	0.0000503	0.0000251	0.0139	0.00000474	0.0000139	0.000239	0.00143
2038 Dec	21.1	0.0111	0.00995	0.000597	3.37	0.0258	3.1	0.00000472	0.00237	0.000225	0.00472	0.00683	0.00000951	3.27	0.00000239	0.000048	0.0000497	0.000241	0.00539	0.00000236	0.726	0.000502	1.11	0.00131	0.0000388	0.689	0.000492	0.00128	0.0000271	0.0000503	0.0000251	0.0156	0.00000472	0.0000156	0.000238	0.00142
2039 Jan	21.1	0.0111	0.00995	0.000597	3.37	0.0258	3.1	0.00000472	0.00237	0.000225	0.00472	0.00683	0.00000951	3.27	0.00000239	0.000048	0.0000497	0.000241	0.00539	0.00000236	0.726	0.000502	1.11	0.00131	0.0000388	0.689	0.000492	0.00128	0.0000271	0.0000503	0.0000251	0.0156	0.00000472	0.0000156	0.000238	0.00142
2039 Feb	20.9	0.011	0.00812	0.000566	3.3	0.0261	3.11	0.00000481	0.00238	0.000221	0.00481	0.00685	0.00000967	3.27	0.00000242	0.0000486	0.0000498	0.000244	0.00526	0.00000241	0.727	0.000501	1.12	0.00111	0.0000344	0.694	0.000488	0.00129	0.0000264	0.0000502	0.0000251	0.0153	0.00000481	0.000015	0.000242	0.00145
2039 Mar	23.1	0.0133	0.00745	0.000526	3.62	0.0292	3.49	0.00000492	0.00152	0.000232	0.00492	0.00817	0.00000987	3.65	0.00000247	0.0000495	0.0000499	0.000248	0.00511	0.00000246	0.835	0.0005	1.28	0.00084	0.0000288	0.798	0.000706	0.00149	0.0000256	0.0000501	0.000025	0.0169	0.00000492	0.0000159	0.000247	0.00148
2039 Apr	20.8	0.00617	0.0026	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000586	0.0000252	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2039 May	23.7	0.00856	0.00309	0.00051	3.68	0.0299	3.62	0.00000497	0.0023	0.000221	0.00497	0.00794	0.00000995	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.000678	0.0000264	0.791	0.000689	0.001	0.0000253	0.00005	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	28.8	0.0108	0.0112	0.000606	6.07	0.0342	4.02	0.00000467	0.00156	0.000285	0.00468	0.00966	0.00000943	4.48	0.00000237	0.0000476	0.0000755	0.00024	0.00534	0.00000234	0.988	0.000501	1.5	0.00117	0.0000403	0.905	0.000706	0.00197	0.0000274	0.0000502	0.0000251	0.0235	0.00000467	0.0000164	0.000236	0.00141
2039 Jul	18.5	0.00291	0.00432	0.000529	3.75	0.0248	2.57	0.00000492	0.00475	0.000213	0.00492	0.00642	0.00000986	3.06	0.00000247	0.0000494	0.0000886	0.000248	0.0138	0.00000246	0.625	0.000501	1.01	0.00264	0.0000291	0.606	0.000668	0.00101	0.0000253	0.0000501	0.0000251	0.015	0.00000492	0.000017	0.000247	0.00148
2039 Aug	19.4	0.00342	0.00663	0.000566	4.04	0.0247	2.67	0.00000482	0.00439	0.000227	0.00483	0.00603	0.0000097	3.17	0.00000243	0.0000488	0.0000501	0.000245	0.0126	0.00000241	0.659	0.000503	0.94	0.00172	0.0000425	0.596	0.000418	0.00102	0.0000256	0.0000503	0.0000252	0.0162	0.00000483	0.0000185	0.000243	0.00145
2039 Sep	20	0.00984	0.00659	0.000564	3.83	0.0248	3.01	0.00000481	0.00351	0.000216	0.00481	0.00595	0.00000967	3.22	0.00000242	0.0000487	0.0000499	0.000244	0.0114	0.00000241	0.648	0.000502	1.01	0.00143	0.0000343	0.622	0.000278	0.00102	0.0000252	0.0000501	0.0000314	0.0167	0.00000481	0.0000164	0.000242	0.00145
2039 Oct	25.2	0.00309	0.00677	0.000542	5.37	0.0336	3.6	0.00000487	0.00587	0.000266	0.00487	0.00725	0.00000976	3.95	0.0000065	0.000049	0.000102	0.000378	0.00847	0.00000243	0.851	0.000501	1.28	0.00123	0.0000312	0.736	0.000654	0.00101	0.000735	0.000083	0.0000251	0.0212	0.00000487	0.0000162	0.000244	0.00245
2039 Nov	18.8	0.00871	0.00796	0.000583	2.98	0.0234	2.75	0.00000473	0.00317	0.000209	0.00474	0.00565	0.00000953	2.91	0.00000239	0.0000481	0.0000497	0.000242	0.00535	0.00000237	0.628	0.000501	0.977	0.00127	0.0000373	0.6	0.000285	0.00173	0.000027	0.0000501	0.0000251	0.0138	0.00000474	0.0000138	0.000239	0.00143
2039 Dec	21.1	0.011	0.00986	0.000589	3.37	0.0258	3.09	0.00000472	0.00237	0.000223	0.00472	0.00683	0.0000095	3.27	0.00000239	0.0000479	0.0000497	0.000241	0.00538	0.00000236	0.726	0.000502	1.11	0.0013	0.0000382	0.689	0.00049	0.00128	0.0000271	0.0000501	0.0000251	0.0156	0.00000472	0.0000155	0.000238	0.00142
2040 Jan	21.1	0.011	0.00986	0.000589	3.37	0.0258	3.09	0.00000472	0.00237	0.000223	0.00472	0.00683	0.0000095	3.27	0.00000239	0.0000479	0.0000497	0.000241	0.00538	0.00000236	0.726	0.000502	1.11	0.0013	0.0000382	0.689	0.00049	0.00128	0.0000271	0.0000501	0.0000251	0.0156	0.00000472	0.0000155	0.000238	0.00142
2040 Feb	20.9	0.0109	0.00772	0.000555	3.29	0.0262	3.1	0.00000482	0.00238	0.00022	0.00483	0.00685	0.00000969	3.27	0.00000243	0.0000487	0.0000498	0.000244	0.00523	0.00000241	0.727	0.000501	1.12	0.00107	0.0000332	0.695	0.000486	0.00129	0.0000263	0.0000501	0.0000251	0.0153	0.00000482	0.0000149	0.000242	0.00145
2040 Mar	23.1	0.0133	0.00743	0.000524	3.62	0.0292	3.49	0.00000492	0.00152	0.000232	0.00492	0.00817	0.00000986	3.65	0.00000247	0.0000494	0.0000499	0.000248	0.0051	0.00000246	0.835	0.0005	1.28	0.000836	0.0000286	0.798	0.000705	0.00149	0.0000256	0.00005	0.000025	0.0169	0.00000492	0.0000159	0.000247	0.00148
2040 Apr	20.8	0.00616	0.0026	0.000502	1.59	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000586	0.0000252	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2040 May	23.7	0.00855	0.00308	0.000509	3.68	0.0299	3.62	0.00000497	0.0023	0.000221	0.00497	0.00794	0.00000995	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.000676	0.0000263	0.79	0.000689	0.001	0.0000253	0.00005	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149
2040 Jun	28.8	0.0107	0.0111	0.000598	6.07	0.0342	4.02	0.00000467	0.00156	0.000283	0.00468	0.00966	0.00000941	4.48	0.00000237	0.0000476	0.0000754	0.000239	0.00532	0.00000234	0.988	0.000501	1.5	0.00116	0.0000396	0.905	0.000703	0.00197	0.0000274	0.00005	0.0000251	0.0235	0.00000467	0.0000163	0.000236	0.00141
2040 Jul	18.5	0.00292	0.00441	0.000529	3.75	0.0248	2.57	0.00000491	0.00474	0.000213	0.00492	0.00642	0.00000985	3.06	0.00000246	0.0000494	0.0000885	0.000247	0.0138	0.00000246	0.625	0.000501	1.01	0.00264	0.0000292	0.606	0.000667	0.00101	0.0000254	0.0000501	0.0000251	0.015	0.00000492	0.000017	0.000246	0.00148
2040 Aug	19.4	0.00338	0.00659	0.000562	4.04	0.0247	2.67	0.00000482	0.00439	0.000225	0.00483	0.00603	0.00000969	3.17	0.00000243	0.0000487	0.00005	0.000245	0.0126	0.00000241	0.659	0.000503	0.94	0.00171	0.0000421	0.596	0.000416	0.00102	0.0000256	0.0000502	0.0000252	0.0162	0.00000482	0.0000184	0.000242	0.00145
2040 Sep	20	0.0098	0.00667	0.000561	3.84	0.0248	3.01	0.0000048	0.00351	0.000215	0.00481	0.00595	0.00000965	3.22	0.00000242	0.0000486	0.0000498	0.000244	0.0114	0.0000024	0.648	0.000502	1.01	0.00143	0.0000342	0.622	0.000277	0.00102	0.0000252	0.00005	0.0000313	0.0167	0.0000048	0.0000164	0.000241	0.00144
2040 Oct	25.2	0.00307	0.00679	0.00054	5.37	0.0336	3.6	0.00000486	0.00586	0.000265	0.00486	0.00724	0.00000975	3.95	0.00000649	0.000049	0.000102	0.000377	0.00847	0.00000243	0.85	0.000501	1.28	0.00123	0.0000311	0.736	0.000653	0.00101	0.000734	0.0000829	0.000025	0.0212	0.00000486	0.0000162	0.000244	0.00245
2040 Nov	18.8	0.00865	0.00789	0.000577	2.98	0.0234	2.75	0.00000473	0.00317	0.000207	0.00474	0.00565	0.00000952	2.91	0.00000239	0.000048	0.0000496	0.000241	0.00534	0.00000237	0.629	0.000501	0.977	0.00126	0.0000368	0.6	0.000283	0.00172	0.0000269	0.00005	0.0000251	0.0138	0.00000473	0.0000137	0.000238	0.00142
2040 Dec	21.1	0.0109	0.00976	0.000582	3.37	0.0258	3.09	0.00000472	0.00237	0.000221	0.00472	0.00683	0.00000949	3.27	0.00000239	0.0000479	0.0000496	0.000241	0.00536	0.00000236	0.726	0.000501	1.11	0.00128	0.0000375	0.689	0.000487	0.00128	0.000027	0.00005	0.0000251	0.0156	0.00000472	0.0000154	0.000237	0.00142
2041 Jan	21.1	0.0109	0.00998	0.000586	3.37	0.0258	3.09	0.0000047	0.00236	0.000221	0.00471	0.00682	0.00000947	3.27	0.00000238	0.0000478	0.0000496	0.00024	0.00537	0.00000235	0.726	0.000501	1.11	0.0013	0.000038	0.688	0.000487	0.00128	0.0000271	0.00005	0.0000251	0.0156	0.00000471	0.0000155	0.000237	0.00142
2041 Feb	20.9	0.0109	0.00803	0.000557	3.3	0.0261	3.1	0.0000048	0.00238	0.000219	0.00481	0.00685	0.00000965	3.27	0.00000242	0.0000485	0.0000497	0.000244	0.00525	0.0000024	0.727	0.000501	1.12	0.0011	0.0000336	0.694	0.000485	0.00129	0.0000264	0.00005	0.0000251	0.0153	0.00000481	0.0000149	0.000241	0.00144
2041 Mar	23.1	0.0133	0.00693	0.000515	3.61	0.0293	3.5	0.00000495	0.00151	0.000231	0.00495	0.00819	0.00000991	3.65	0.00000248	0.0000496	0.0000499	0.000248	0.00507	0.00000247	0.837	0.0005	1.28	0.000778	0.0000273	0.8	0.000706	0.00149	0.0000254	0.00005	0.000025	0.0168	0.00000495	0.0000158	0.000248	0.00149
2041 Apr	20.8	0.00617	0.00262	0.000502	1.59	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000588	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2041 May	23.7	0.00855	0.00309	0.000509	3.68	0.0299	3.62	0.00000497	0.0023	0.000221	0.00497	0.00794	0.00000995	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.000676	0.0000263	0.79	0.000688	0.001	0.0000253	0.00005	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149
2041 Jun	28.9	0.0107	0.0109	0.000589	6.08	0.0342	4.02	0.00000468	0.00155	0.000281	0.00468	0.00967	0.00000941	4.48	0.00000237	0.0000475	0.0000754	0.000239	0.0053	0.00000234	0.988	0.000501	1.5	0.00113	0.0000388	0.905	0.000701	0.00197	0.0000273	0.0000499	0.0000251	0.0235	0.00000468	0.0000162	0.000235	0.00141
2041 Jul	18.5	0.00285	0.00419	0.000524	3.74	0.0248	2.57	0.00000492	0.00475	0.000212	0.00492	0.00642	0.00000986	3.06	0.00000247	0.0000494	0.0000886	0.000248	0.0138	0.00000246	0.625	0.000501	1.01	0.00263	0.0000286	0.606	0.000667	0.00101	0.0000253	0.00005	0.0000251	0.0149	0.00000492	0.0000169	0.000247	0.00148
2041 Aug	19.4	0.00342	0.00695	0.000563	4.05	0.0246	2.67	0.0000048	0.00437	0.000225	0.00481	0.00604	0.00000965	3.17	0.00000242	0.0000486	0.00005	0.000244	0.0125	0.0000024	0.66	0.000504	0.94	0.00174	0.0000426	0.596	0.000416	0.00102	0.0000256	0.0000501	0.0000252	0.0162	0.0000048	0.0000185	0.000241	0.00144
2041 Sep	20	0.00975	0.00651	0.000556	3.84	0.0248	3.01	0.00000481	0.00351	0.000214	0.00481	0.00595	0.00000965	3.22	0.00000242	0.0000486	0.0000498	0.000244	0.0114	0.00000241	0.648	0.000502	1.01	0.00141	0.0000336	0.622	0.000275	0.00102	0.0000252	0.0000499	0.0000313	0.0167	0.00000481	0.0000163	0.000241	0.00144
2041 Oct	25.2	0.00307	0.00688	0.000539	5.37	0.0335	3.59	0.00000486	0.00585	0.000264	0.00486	0.00724	0.00000974	3.94	0.00000648	0.0000489	0.000101	0.000377	0.00846	0.00000243	0.85	0.000501	1.28	0.00124	0.0000311	0.735	0.000652	0.00101	0.000732	0.0000828	0.000025	0.0212	0.00000486	0.0000162	0.000243	0.00244
2041 Nov	18.8	0.00859	0.0078	0.000572	2.98	0.0234	2.74	0.00000473	0.00317	0.000206	0.00474	0.00564	0.00000951	2.91	0.00000239	0.000048	0.0000496	0.000241	0.00533	0.00000237	0.628	0.000501	0.976	0.00125	0.0000363	0.6	0.000281	0.00172	0.0000269	0.0000499	0.0000251	0.0138	0.00000473	0.0000137	0.000238	0.00142
2041 Dec	21.1	0.0109	0.00969	0.000577	3.37	0.0258	3.09	0.00000471	0.00237	0.000219	0.00472	0.00683	0.00000948	3.27	0.00000239	0.0000478	0.0000495	0.000241	0.00535	0.00000236	0.726	0.000501	1.11	0.00127	0.000037	0.688	0.000485	0.00128	0.0000271	0.0000499	0.0000251	0.0155	0.00000472	0.0000154	0.000237	0.00142
2042 Jan	21.1	0.0109	0.0105	0.000588	3.4	0.0257	3.08	0.00000467	0.00236	0.00022	0.00468	0.00681	0.0000094	3.27	0.00000237	0.0000475	0.0000495	0.000239	0.0054	0.00000234	0.725	0.000501	1.11	0.00135	0.0000387	0.686	0.000486	0.00128	0.0000274	0.0000498	0.0000251	0.0156	0.00000467	0.0000156	0.000235	0.00141
2042 Feb	21	0.0108	0.00798	0.000553	3.3	0.0261	3.1	0.0000048	0.00238	0.000218	0.00481	0.00685	0.00000964	3.27	0.00000242	0.0000485	0.0000497	0.000244	0.00524	0.0000024	0.727	0.000501	1.12	0.00109	0.0000333	0.694	0.000483	0.00129	0.0000264	0.0000499	0.0000251	0.0153	0.0000048	0.0000149	0.000241	0.00144
2042 Mar	23.1	0.0133	0.00709	0.000517	3.61	0.0292	3.49	0.00000494	0.00152	0.000231	0.00494	0.00818	0.00000989	3.65	0.00000248	0.0000495	0.0000499	0.000248	0.00508	0.00000247	0.836	0.0005	1.28	0.000796	0.0000276	0.799	0.000705	0.00149	0.0000255	0.00005	0.000025	0.0168	0.00000494	0.0000158	0.000247	0.00148
2042 Apr	20.8	0.00616	0.00262	0.000502	1.59	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000588	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2042 May	23.7	0.00854	0.00308	0.000508	3.68	0.0299	3.62	0.00000497	0.0023	0.00022	0.00497	0.00794	0.00000995	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00504	0.00000249	0.799	0.0005	1.25	0.000675	0.0000262	0.79	0.000688	0.001	0.0000253	0.00005	0.000025	0.0171	0.00000497	0.0000156	0.000249	0.00149
2042 Jun	28.9	0.0106	0.0109	0.000584	6.08	0.0341	4.01	0.00000467	0.00155	0.00028	0.00467	0.00966	0.00000939	4.48	0.00000237	0.0000475	0.0000753	0.000239	0.00529	0.00000234	0.988	0.000501	1.5	0.00113	0.0000384	0.905	0.000699	0.00197	0.0000274	0.0000497	0.000025	0.0235	0.00000467	0.0000161	0.000235	0.00141
2042 Jul	18.5	0.00284	0.00418	0.000523	3.74	0.0248	2.57	0.00000492	0.00475	0.000212	0.00492	0.00642	0.00000986	3.06	0.00000247	0.0000494	0.0000886	0.000248	0.0138	0.00000246	0.625	0.000501	1.01	0.00263	0.0000285	0.606	0.000667	0.00101	0.0000253	0.00005	0.0000251	0.0149	0.00000492	0.0000169	0.000246	0.00148
2042 Aug	19.4	0.00331	0.00656	0.000555	4.04	0.0247	2.67	0.00000482	0.00438	0.000224	0.00482	0.00603	0.00000967	3.17	0.00000242	0.0000487	0.00005	0.000244	0.0126	0.00000241	0.659	0.000503	0.939	0.0017	0.0000416	0.596	0.000414	0.00102	0.0000256	0.00005	0.0000251	0.0162	0.00000482	0.0000183	0.000242	0.00145
2042 Sep	20.1	0.00975	0.00717	0.000561	3.86	0.0247	3	0.00000477	0.00348	0.000214	0.00477	0.00595	0.00000958	3.22	0.0000024	0.0000483	0.0000497	0.000242	0.0113	0.00000239	0.649	0.000502	1.01	0.00147	0.0000347	0.621	0.000278	0.00102	0.0000252	0.0000498	0.0000312	0.0168	0.00000477	0.0000164	0.00024	0.00143
2042 Oct	24.9	0.00528	0.0182	0.000689	5.25	0.0296	3.39	0.00000426	0.00484	0.000258	0.00427	0.007	0.00000863	3.8	0.00000515	0.0000443	0.0000865	0.000322	0.00828	0.00000214	0.809	0.000504	1.19	0.00236	0.0000553	0.692	0.000613	0.00104	0.000546	0.0000734	0.0000252	0.021	0.00000426	0.0000189	0.000216	0.00201
2042 Nov	22.1	0.0103	0.0349	0.000918	4.25	0.0205	2.81	0.00000337	0.00249	0.00023	0.00338	0.00608	0.00000698	3.23	0.00000186	0.0000374	0.0000473	0.000197	0.00698	0.0000017	0.673	0.000509	0.957	0.00398	0.0000921	0.581	0.000429	0.00133	0.0000385	0.0000488	0.0000255	0.0182	0.00000337	0.0000221	0.000175	0.00104
2042 Dec	23.3	0.0112	0.0403	0.000985	4.57	0.0206	2.91	0.00000313	0.0022	0.000238	0.00314	0.00644	0.00000656	3.37	0.00000177	0.0000356	0.0000469	0.00019	0.0073	0.00000158	0.704	0.000512	0.986	0.00448	0.000103	0.599	0.000503	0.00116	0.0000419	0.0000488	0.0000256	0.0194	0.00000313	0.000024	0.000164	0.000977
2043 Jan	23.6	0.0113	0.0443	0.00104	4.73	0.02	2.9	0.00000295	0.00219	0.000241	0.00296	0.0064	0.00000626	3.39	0.00000171	0.0000343	0.0000467	0.000185	0.00757	0.00000149	0.703	0.000516	0.973	0.0049	0.000111	0.59	0.000507	0.00115	0.0000451	0.000049	0.0000258	0.0199	0.00000295	0.0000252	0.000156	0.000928
2043 Feb	23.9	0.0114	0.0471	0.00108	4.85	0.0196	2.9	0.00000283	0.0022	0.000244	0.00285	0.00639	0.0000061	3.42	0.00000167	0.0000334	0.0000467	0.000182	0.00776	0.00000143	0.704	0.00052	0.967	0.0052	0.000117	0.585	0.00051	0.00114	0.0000475	0.0000492	0.000026	0.0203	0.00000284	0.0000261	0.000151	0.000898
2043 Mar	24.3	0.0117	0.0488	0.0011	4.94	0.0197	2.93	0.00000279	0.00216	0.000248	0.0028	0.00648	0.0000061	3.46	0.00000166	0.0000331	0.0000468	0.000181	0.00788	0.00000141	0.714	0.000524	0.975	0.00537	0.000121	0.59	0.000527	0.00115	0.0000492	0.0000495	0.0000262	0.0207	0.00000279	0.0000267	0.000148	0.000887
2043 Apr	22.4	0.00859	0.0244	0.000788	3.12	0.0272	3.37	0.00000397	0.00181	0.000242	0.00397	0.00656	0.00000822	3.2	0.00000211	0.0000422	0.0000486	0.000218	0.00638	0.00000199	0.741	0.000513	1.02	0.00285	0.0000706	0.669	0.000612	0.00123	0.0000368	0.00005	0.0000257	0.0163	0.00000397	0.0000209	0.000203	0.00121
2043 May	23.7	0.00855	0.00324	0.00051	3.68	0.0299	3.62	0.00000497	0.0023	0.000221	0.00497	0.00794	0.00000997	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00505	0.00000249	0.799	0.000501	1.25	0.000691	0.0000266	0.791	0.000688	0.001	0.0000254	0.00005	0.000025	0.0171	0.00000497	0.0000157	0.000249	0.00149
2043 Jun	30.8	0.0127	0.0264	0.000827	6.46	0.0328	4.12	0.0000044	0.00173	0.000365	0.00441	0.00971	0.0000261	4.66	0.00000227	0.0000467	0.0000737	0.000239	0.00635	0.00000222	1.01	0.000567	1.49	0.00294	0.0000749	0.899	0.000735	0.00195	0.000027	0.0000544	0.0000282	0.0254	0.00000441	0.0000227	0.000225	0.00133
2043 Jul	20.7	0.00501	0.0145	0.000685	4.22	0.025	2.79	0.00000478	0.00465	0.000294	0.00478	0.00678	0.0000258	3.32	0.00000242	0.0000493	0.0000875	0.000249	0.0139	0.0000024	0.675	0.000549	1.05	0.00373	0.0000534	0.632	0.000705	0.00109	0.0000251	0.0000535	0.0000274	0.0171	0.00000478	0.0000215	0.000242	0.00144
2043 Aug	24.5	0.00857	0.0303	0.000932	5.1	0.025	3.18	0.00000452	0.00429	0.000461	0.00453	0.00694	0.0000591	3.77	0.00000234	0.0000489	0.0000544	0.000251	0.0132	0.0000023	0.771	0.000624	1.06	0.00458	0.0000996	0.658	0.00056	0.0012	0.0000248	0.0000591	0.000031	0.0209	0.00000453	0.00003	0.000233	0.00136
2043 Sep	29.8	0.0192	0.056	0.00133	6	0.0246	3.9	0.00000404	0.00364	0.000875	0.00405	0.00763	0.000157	4.38	0.00000218	0.0000481	0.0000587	0.000253	0.0132	0.00000214	0.864	0.000761	1.2	0.008	0.000164	0.717	0.00067	0.00136	0.0000235	0.0000691	0.0000414	0.026	0.00000404	0.0000444	0.000218	0.00123
2043 Oct	36.2	0.0228	0.081	0.00171	7.59	0.0272	4.58	0.0000036	0.00461	0.00141	0.00361	0.0088	0.000283	5.21	0.0000035	0.000048	0.0000819	0.000305	0.0131	0.00000201	1.03	0.000908	1.37	0.0118	0.000236	0.792	0.00105	0.00151	0.000275	0.0000918	0.0000452	0.0322	0.00000361	0.0000621	0.000206	0.00145
2043 Nov	38.5	0.0304	0.103	0.00205	7.9	0.0239	4.82	0.00000322	0.00397	0.00189	0.00323	0.009	0.000403	5.45	0.00000211	0.0000481	0.0000702	0.00027	0.0142	0.00000191	1.06	0.00105	1.36	0.0153	0.000302	0.787	0.00116	0.00177	0.0000499	0.0000917	0.000052	0.0345	0.00000323	0.0000781	0.000196	0.00104
2043 Dec	40.1	0.0325	0.109	0.00215	8.26	0.0243	5.02	0.00000315	0.004	0.00206	0.00317	0.00935	0.000444	5.67	0.00000213	0.0000485	0.0000723	0.000274	0.0148	0.0000019	1.1	0.00109	1.4	0.0163	0.000321	0.81	0.00125	0.00174	0.0000543	0.0000953	0.0000542	0.036	0.00000317	0.0000835	0.000196	0.00102
2044 Jan	40.8	0.0336	0.112	0.0022	8.44	0.0245	5.12	0.00000313	0.00409	0.00217	0.00314	0.00947	0.000472	5.78	0.00000215	0.000049	0.0000737	0.000278	0.0152	0.00000191	1.12	0.00112	1.42	0.0169	0.000332	0.818	0.00129	0.00176	0.0000568	0.0000976	0.0000556	0.0368	0.00000315	0.0000868	0.000196	0.00102
2044 Feb	41.6	0.0346	0.115	0.00225	8.62	0.0245	5.21	0.0000031	0.00417	0.00227	0.00311	0.00959	0.000497	5.88	0.00000216	0.0000493	0.0000749	0.000281	0.0155	0.00000191	1.13	0.00115	1.43	0.0175	0.000343	0.825	0.00133	0.00179	0.0000585	0.0000998	0.0000569	0.0376	0.00000311	0.0000898	0.000197	0.00102
2044 Mar	42.3	0.0357	0.118	0.0023	8.8	0.0247	5.32	0.00000307	0.00421	0.00236	0.00309	0.00974	0.000519	5.99	0.00000217	0.0000497	0.0000761	0.000284	0.0159	0.00000192	1.15	0.00117	1.45	0.0181	0.000353	0.835	0.00137	0.00182	0.0000599	0.000102	0.0000581	0.0384	0.00000309	0.0000927	0.000197	0.00101
2044 Apr	34.8	0.0253	0.0774	0.00167	6.21	0.0281	4.79	0.00000377	0.00327	0.00164	0.00378	0.00865	0.000345	4.93	0.0000023	0.0000501	0.0000672	0.000273	0.0121	0.00000214	1.02	0.000939	1.32	0.012	0.000239	0.803	0.00114	0.00164	0.0000479	0.000084	0.0000467	0.0293	0.00000378	0.000066	0.000217	0.00119
2044 May	24	0.00891	0.00416	0.000526	3.74	0.0299	3.66	0.00000497	0.00233	0.000253	0.00497	0.00798	0.000018	3.58	0.0000025	0.00005	0.0000504	0.000251	0.00516	0.00000249	0.805	0.00051	1.25	0.000874	0.0000298	0.794	0.000701	0.00101	0.0000255	0.0000508	0.0000255	0.0174	0.00000498	0.0000167	0.000249	0.00149
2044 Jun	32	0.018	0.0303	0.000895	6.74	0.0331	4.48	0.00000444	0.0022	0.00104	0.00444	0.00988	0.000203	4.91	0.00000237	0.0000498	0.0000793	0.000256	0.00756	0.00000237	1.04	0.000678	1.52	0.00526	0.000111	0.907	0.000943	0.00203	0.0000272	0.0000638	0.0000339	0.027	0.00000445	0.0000385	0.000236	0.00135
2044 Jul	20.8	0.00709	0.0138	0.000673	4.25	0.0251	2.91	0.0000048	0.00482	0.000593	0.0048	0.00678	0.000107	3.38	0.00000247	0.0000505	0.0000897	0.000256	0.0142	0.00000248	0.681	0.000587	1.06	0.0045	0.0000641	0.63	0.00079	0.00111	0.0000254	0.0000569	0.0000294	0.0173	0.0000048	0.000028	0.000247	0.00145
2044 Aug	23.4	0.0111	0.0231	0.000818	4.9	0.0253	3.29	0.00000465	0.00465	0.000953	0.00465	0.00674	0.000196	3.74	0.00000245	0.0000512	0.0000579	0.000262	0.0137	0.00000247	0.757	0.000665	1.04	0.00533	0.000105	0.642	0.000685	0.00121	0.0000257	0.0000633	0.0000333	0.0203	0.00000466	0.0000392	0.000245	0.00141
2044 Sep	27.9	0.0248	0.0443	0.00113	5.67	0.0248	4.15	0.00000416	0.00425	0.00185	0.00415	0.00727	0.000433	4.33	0.00000235	0.0000518	0.0000656	0.000271	0.0138	0.00000242	0.841	0.000845	1.17	0.00973	0.00018	0.684	0.000928	0.00139	0.0000257	0.0000779	0.0000462	0.025	0.00000418	0.0000641	0.000236	0.00128
2044 Oct	33.1	0.03	0.0626	0.0014	7	0.0273	4.86	0.00000375	0.00543	0.00272	0.00374	0.00821	0.000657	5.06	0.00000373	0.0000529	0.0000906	0.000328	0.0138	0.0000024	0.991	0.00101	1.32	0.0139	0.000253	0.738	0.00139	0.00154	0.000278	0.000103	0.0000511	0.0302	0.00000379	0.0000889	0.00023	0.00153
2044 Nov	34.3	0.0391	0.0784	0.00165	7.1	0.024	5.12	0.00000341	0.00501	0.00348	0.0034	0.00821	0.000865	5.23	0.00000241	0.0000541	0.0000807	0.000297	0.0149	0.0000024	0.998	0.00116	1.29	0.0177	0.000319	0.715	0.00156	0.00179	0.0000541	0.000106	0.0000591	0.0317	0.00000347	0.000111	0.000227	0.00113
2044 Dec	35.6	0.0414	0.0828	0.00171	7.4	0.0244	5.33	0.00000336	0.00508	0.00371	0.00334	0.0085	0.000925	5.43	0.00000244	0.0000548	0.0000831	0.000302	0.0155	0.00000242	1.03	0.00121	1.32	0.0187	0.000338	0.733	0.00167	0.00176	0.0000587	0.00011	0.0000615	0.033	0.00000341	0.000118	0.000228	0.00113
2045 Jan	36.2	0.0426	0.0852	0.00175	7.55	0.0245	5.43	0.00000334	0.0052	0.00385	0.00332	0.00859	0.000962	5.52	0.00000247	0.0000554	0.0000847	0.000306	0.0158	0.00000244	1.05	0.00124	1.34	0.0194	0.000349	0.738	0.00172	0.00178	0.0000613	0.000113	0.0000629	0.0337	0.0000034	0.000122	0.000229	0.00113
2045 Feb	36.7	0.0439	0.0877	0.00179	7.7	0.0246	5.52	0.00000331	0.00531	0.00398	0.00329	0.00868	0.000998	5.61	0.00000248	0.0000559	0.0000861	0.00031	0.0162	0.00000246	1.06	0.00127	1.35	0.02	0.00036	0.742	0.00176	0.0018	0.0000632	0.000115	0.0000644	0.0343	0.00000338	0.000126	0.00023	0.00113
2045 Mar	37.4	0.0451	0.09	0.00183	7.85	0.0247	5.63	0.00000329	0.00538	0.0041	0.00327	0.00881	0.00103	5.7	0.0000025	0.0000564	0.0000874	0.000313	0.0165	0.00000248	1.08	0.00129	1.37	0.0206	0.00037	0.75	0.00181	0.00183	0.0000646	0.000117	0.0000657	0.035	0.00000336	0.00013	0.000231	0.00113
2045 Apr	31.8	0.0318	0.0604	0.00138	5.68	0.028	5.01	0.00000389	0.00408	0.00281	0.00388	0.00807	0.000689	4.78	0.00000251	0.0000545	0.0000751	0.000293	0.0126	0.0000025	0.975	0.00103	1.27	0.0139	0.000254	0.748	0.00144	0.00166	0.0000515	0.0000949	0.0000521	0.0274	0.00000393	0.0000916	0.000239	0.00126
2045 May	23.9	0.0091	0.00389	0.000521	3.73	0.0299	3.66	0.00000498	0.00235	0.000284	0.00497	0.00797	0.0000267	3.58	0.0000025	0.0000501	0.0000506	0.000251	0.00519	0.0000025	0.805	0.000513	1.25	0.000939	0.0000306	0.793	0.000709	0.00101	0.0000256	0.0000511	0.0000257	0.0173	0.00000498	0.0000174	0.00025	0.00149
2045 Jun	31	0.0197	0.025	0.000805	6.55	0.0331	4.53	0.00000448	0.00242	0.00134	0.00447	0.0097	0.000299	4.85	0.00000243	0.000051	0.0000813	0.000262	0.00765	0.00000248	1.03	0.0007	1.51	0.0057	0.000113	0.89	0.00102	0.00203	0.000028	0.0000666	0.0000352	0.0263	0.0000045	0.0000456	0.000242	0.00137
2045 Jul	20.4	0.00763	0.0115	0.000636	4.17	0.0251	2.92	0.00000482	0.00492	0.000694	0.00482	0.00671	0.000141	3.35	0.00000249	0.000051	0.0000905	0.000258	0.0142	0.00000252	0.675	0.000594	1.05	0.00463	0.0000641	0.624	0.000816	0.00111	0.0000258	0.000058	0.0000298	0.017	0.00000483	0.0000306	0.000249	0.00146
2045 Aug	22.9	0.0128	0.0204	0.00077	4.82	0.0253	3.36	0.00000466	0.00484	0.0012	0.00465	0.00665	0.000276	3.73	0.00000249	0.0000523	0.0000598	0.000267	0.0138	0.00000256	0.754	0.000691	1.04	0.00586	0.000111	0.632	0.000754	0.00122	0.0000264	0.0000665	0.0000349	0.02	0.00000468	0.0000461	0.00025	0.00142
2045 Sep	26.6	0.027	0.0375	0.00102	5.43	0.0248	4.2	0.0000042	0.00463	0.0022	0.00418	0.00704	0.000558	4.25	0.00000244	0.0000539	0.0000681	0.000279	0.0139	0.00000259	0.828	0.000876	1.15	0.0103	0.000184	0.662	0.00102	0.00139	0.0000269	0.0000831	0.0000483	0.0241	0.00000425	0.0000759	0.000246	0.00131
2045 Oct	31.2	0.0324	0.0526	0.00123	6.64	0.0274	4.91	0.00000384	0.00595	0.00312	0.00381	0.00789	0.000811	4.93	0.00000385	0.0000556	0.0000937	0.000339	0.0138	0.00000263	0.971	0.00104	1.28	0.0144	0.000254	0.707	0.00149	0.00153	0.00028	0.00011	0.0000535	0.0288	0.00000391	0.000104	0.000244	0.00158
2045 Nov	32	0.042	0.0662	0.00144	6.67	0.0241	5.18	0.00000351	0.00567	0.00396	0.00347	0.00781	0.00105	5.06	0.00000255	0.0000576	0.0000844	0.000311	0.015	0.00000269	0.975	0.0012	1.24	0.0183	0.000321	0.677	0.00169	0.00177	0.0000565	0.000114	0.0000621	0.03	0.00000361	0.000131	0.000243	0.00119
2045 Dec	33.2	0.0444	0.0701	0.0015	6.95	0.0245	5.38	0.00000346	0.00577	0.0042	0.00342	0.00809	0.00112	5.25	0.00000259	0.0000585	0.0000869	0.000317	0.0156	0.00000273	1.01	0.00125	1.27	0.0194	0.000339	0.693	0.0018	0.00174	0.0000612	0.000119	0.0000646	0.0313	0.00000357	0.000138	0.000245	0.00119
2046 Jan	33.7	0.0457	0.0722	0.00153	7.09	0.0247	5.48	0.00000345	0.0059	0.00434	0.0034	0.00818	0.00116	5.34	0.00000262	0.0000592	0.0000885	0.000321	0.0159	0.00000276	1.02	0.00128	1.29	0.0201	0.00035	0.698	0.00185	0.00176	0.0000639	0.000122	0.0000662	0.0319	0.00000356	0.000143	0.000247	0.00119
2046 Feb	34.3	0.047	0.0744	0.00157	7.23	0.0247	5.58	0.00000342	0.00603	0.00448	0.00338	0.00825	0.0012	5.42	0.00000264	0.0000598	0.00009	0.000325	0.0163	0.00000278	1.04	0.00131	1.3	0.0207	0.000361	0.701	0.0019	0.00179	0.0000658	0.000124	0.0000677	0.0325	0.00000354	0.000147	0.000248	0.00119
2046 Mar	34.8	0.0482	0.0765	0.0016	7.37	0.0249	5.68	0.0000034	0.00611	0.00461	0.00336	0.00837	0.00124	5.51	0.00000266	0.0000603	0.0000914	0.000329	0.0166	0.0000028	1.05	0.00134	1.31	0.0213	0.000371	0.708	0.00195	0.00182	0.0000673	0.000127	0.0000691	0.0332	0.00000352	0.000151	0.000249	0.00119
2046 Apr	30.1	0.0337	0.0511	0.00123	5.34	0.0281	5.04	0.00000397	0.00454	0.00312	0.00394	0.00778	0.000821	4.64	0.00000262	0.000057	0.0000775	0.000303	0.0126	0.00000271	0.957	0.00105	1.23	0.0142	0.000253	0.721	0.00152	0.00164	0.000053	0.000101	0.0000542	0.0261	0.00000405	0.000105	0.000251	0.0013
2046 May	23.9	0.00915	0.0037	0.000518	3.72	0.0299	3.67	0.00000498	0.00236	0.000292	0.00498	0.00797	0.0000302	3.57	0.0000025	0.0000502	0.0000507	0.000251	0.00519	0.00000251	0.805	0.000514	1.25	0.000953	0.0000306	0.792	0.000711	0.00101	0.0000257	0.0000513	0.0000257	0.0173	0.00000498	0.0000177	0.00025	0.0015
2046 Jun	30.6	0.0203	0.0226	0.000764	6.46	0.0331	4.53	0.0000045	0.00257	0.00141	0.00449	0.00962	0.000337	4.81	0.00000246	0.0000517	0.0000819	0.000264	0.00766	0.00000254	1.03	0.000708	1.5	0.00582	0.000113	0.882	0.00104	0.00203	0.0000284	0.0000684	0.0000359	0.026	0.00000453	0.0000497	0.000245	0.00138
2046 Jul	20.2	0.00792	0.0107	0.000622	4.14	0.0251	2.93	0.00000483	0.00497	0.000724	0.00482	0.00668	0.000158	3.34	0.0000025	0.0000513	0.0000907	0.000259	0.0142	0.00000254	0.675	0.000599	1.05	0.00471	0.0000645	0.621	0.000825	0.00111	0.0000259	0.0000588	0.0000301	0.0169	0.00000484	0.0000324	0.000251	0.00146
2046 Aug	22.7	0.0134	0.0189	0.000745	4.77	0.0253	3.37	0.00000467	0.00494	0.00125	0.00465	0.00661	0.000308	3.71	0.00000251	0.0000528	0.0000604	0.000269	0.0138	0.0000026	0.752	0.0007	1.03	0.00602	0.000111	0.628	0.000772	0.00122	0.0000267	0.0000679	0.0000354	0.0199	0.00000469	0.0000495	0.000252	0.00143
2046 Sep	26.1	0.0277	0.0344	0.000967	5.32	0.0249	4.2	0.00000423	0.00478	0.00226	0.00421	0.00695	0.000607	4.2	0.00000247	0.0000546	0.0000689	0.000282	0.0139	0.00000266	0.822	0.000886	1.13	0.0104	0.000182	0.653	0.00104	0.00138	0.0000275	0.0000847	0.0000489	0.0237	0.00000429	0.0000802	0.000249	0.00133
2046 Oct	30.6	0.0337	0.0492	0.00117	6.53	0.0274	4.92	0.00000386	0.00615	0.00321	0.00382	0.00777	0.000887	4.88	0.00000388	0.0000566	0.0000948	0.000342	0.0139	0.00000272	0.965	0.00106	1.27	0.0148	0.000253	0.696	0.00152	0.00153	0.000278	0.000112	0.0000547	0.0284	0.00000395	0.000111	0.000248	0.00159
2046 Nov	31.2	0.0434	0.0617	0.00136	6.52	0.0242	5.19	0.00000355	0.00591	0.00405	0.0035	0.00767	0.00114	5	0.00000261	0.0000587	0.0000859	0.000315	0.015	0.0000028	0.966	0.00123	1.22	0.0187	0.000318	0.663	0.00172	0.00177	0.000057	0.000117	0.0000634	0.0295	0.00000366	0.000138	0.000249	0.00121
2046 Dec	32.3	0.0459	0.0654	0.00142	6.79	0.0246	5.39	0.0000035	0.00602	0.00429	0.00345	0.00794	0.00121	5.18	0.00000265	0.0000597	0.0000885	0.000322	0.0156	0.00000284	1	0.00127	1.25	0.0198	0.000336	0.679	0.00183	0.00174	0.0000617	0.000121	0.0000659	0.0307	0.00000362	0.000146	0.000251	0.00121
2047 Jan	32.9	0.0472	0.0674	0.00145	6.93	0.0247	5.49	0.00000348	0.00616	0.00443	0.00343	0.00802	0.00126	5.27	0.00000268	0.0000604	0.0000901	0.000326	0.0159	0.00000287	1.01	0.0013	1.26	0.0204	0.000347	0.683	0.00188	0.00176	0.0000644	0.000124	0.0000675	0.0313	0.00000361	0.000151	0.000253	0.00121
2047 Feb	33.4	0.0485	0.0695	0.00149	7.06	0.0248	5.59	0.00000346	0.0063	0.00457	0.00341	0.00809	0.0013	5.35	0.0000027	0.000061	0.0000917	0.00033	0.0163	0.0000029	1.03	0.00133	1.27	0.0211	0.000358	0.686	0.00193	0.00178	0.0000663	0.000127	0.000069	0.0319	0.00000359	0.000155	0.000254	0.00121
2047 Mar	33.9	0.0498	0.0714	0.00152	7.2	0.0249	5.69	0.00000344	0.00638	0.0047	0.00339	0.00821	0.00134	5.44	0.00000272	0.0000616	0.0000931	0.000334	0.0166	0.00000293	1.04	0.00136	1.29	0.0217	0.000367	0.693	0.00198	0.00181	0.0000678	0.00013	0.0000704	0.0325	0.00000358	0.000159	0.000255	0.00121
2047 Apr	29.4	0.0346	0.0475	0.00117	5.2	0.0282	5.04	0.000004	0.0047	0.00316	0.00397	0.00767	0.000879	4.59	0.00000266	0.0000578	0.0000784	0.000306	0.0126	0.00000279	0.949	0.00107	1.21	0.0144	0.000249	0.711	0.00154	0.00164	0.0000531	0.000102	0.0000548	0.0256	0.00000409	0.00011	0.000255	0.00132
2047 May	23.9	0.00916	0.00359	0.000516	3.72	0.0299	3.67	0.00000498	0.00237	0.000291	0.00498	0.00796	0.0000312	3.57	0.0000025	0.0000502	0.0000507	0.000251	0.00518	0.00000251	0.804	0.000514	1.25	0.00095	0.0000304	0.792	0.000711	0.00101	0.0000257	0.0000513	0.0000257	0.0173	0.00000498	0.0000178	0.00025	0.0015
2047 Jun	30.4	0.0203	0.0212	0.000742	6.42	0.0332	4.52	0.00000451	0.00261	0.00138	0.0045	0.00959	0.000347	4.79	0.00000247	0.000052	0.000082	0.000265	0.0076	0.00000256	1.02	0.000707	1.49	0.00576	0.00011	0.88	0.00103	0.00202	0.0000285	0.0000687	0.0000359	0.0258	0.00000455	0.0000509	0.000247	0.00139
2047 Jul	19.7	0.00671	0.00851	0.000588	4.02	0.0251	2.84	0.00000487	0.00496	0.000598	0.00486	0.00661	0.000128	3.26	0.0000025	0.0000511	0.0000905	0.000257	0.0142	0.00000254	0.661	0.000576	1.04	0.0042	0.0000547	0.616	0.000788	0.00108	0.0000258	0.0000569	0.000029	0.0163	0.00000488	0.0000291	0.000251	0.00147
2047 Aug	22.3	0.0127	0.0171	0.000715	4.68	0.0253	3.31	0.00000469	0.00494	0.00116	0.00468	0.00653	0.000298	3.65	0.00000252	0.0000527	0.0000598	0.000268	0.0137	0.00000261	0.743	0.000687	1.02	0.0057	0.000104	0.623	0.000743	0.0012	0.0000267	0.0000668	0.0000348	0.0194	0.00000472	0.0000481	0.000252	0.00144
2047 Sep	25.6	0.0274	0.0323	0.000931	5.23	0.0248	4.15	0.00000425	0.00477	0.00216	0.00422	0.00686	0.000612	4.14	0.00000248	0.0000544	0.0000686	0.000281	0.0138	0.00000266	0.811	0.000877	1.12	0.0102	0.000174	0.648	0.00101	0.00137	0.0000275	0.0000834	0.0000484	0.0233	0.00000431	0.0000791	0.000249	0.00133
2047 Oct	30.1	0.0338	0.0471	0.00114	6.43	0.0272	4.87	0.00000386	0.00613	0.00312	0.00382	0.00767	0.00091	4.82	0.00000388	0.0000562	0.0000948	0.00034	0.0138	0.00000272	0.953	0.00106	1.25	0.0147	0.000245	0.689	0.0015	0.00151	0.000278	0.000111	0.0000543	0.028	0.00000394	0.00011	0.000247	0.00159
2047 Nov	30.7	0.0436	0.0593	0.00132	6.41	0.024	5.13	0.00000354	0.00586	0.00394	0.00349	0.00755	0.00117	4.93	0.0000026	0.0000581	0.0000858	0.000312	0.0148	0.00000279	0.95	0.00122	1.2	0.0186	0.000308	0.655	0.0017	0.00175	0.0000566	0.000114	0.0000629	0.029	0.00000365	0.000136	0.000247	0.00121
2047 Dec	31.8	0.0461	0.0629	0.00138	6.68	0.0244	5.33	0.00000349	0.00597	0.00417	0.00344	0.00782	0.00125	5.11	0.00000264	0.000059	0.0000884	0.000318	0.0154	0.00000283	0.984	0.00127	1.23	0.0197	0.000326	0.671	0.00181	0.00172	0.0000612	0.000119	0.0000654	0.0303	0.0000036	0.000144	0.000248	0.0012
2048 Jan	32.3	0.0475	0.065	0.00141	6.81	0.0245	5.42	0.00000347	0.0061	0.0043	0.00342	0.00789	0.00129	5.2	0.00000267	0.0000596	0.00009	0.000323	0.0158	0.00000286	0.997	0.0013	1.24	0.0204	0.000336	0.675	0.00185	0.00174	0.0000638	0.000121	0.0000669	0.0309	0.00000359	0.000149	0.00025	0.00121
2048 Feb	32.8	0.0488	0.067	0.00144	6.95	0.0245	5.52	0.00000345	0.00623	0.00444	0.0034	0.00796	0.00133	5.28	0.00000269	0.0000602	0.0000916	0.000327	0.0162	0.00000288	1.01	0.00133	1.25	0.0211	0.000347	0.678	0.0019	0.00176	0.0000658	0.000124	0.0000685	0.0315	0.00000357	0.000153	0.000251	0.0012
2048 Mar	33.3	0.0501	0.0689	0.00147	7.08	0.0247	5.62	0.00000343	0.00631	0.00457	0.00338	0.00807	0.00137	5.37	0.00000271	0.0000608	0.000093	0.00033	0.0165	0.0000029	1.03	0.00136	1.27	0.0217	0.000356	0.684	0.00196	0.00179	0.0000673	0.000127	0.0000699	0.0321	0.00000355	0.000157	0.000253	0.0012
2048 Apr	29.1	0.0351	0.0464	0.00115	5.18	0.0279	5.01	0.00000398	0.00469	0.00311	0.00395	0.00759	0.000915	4.56	0.00000265	0.0000574	0.0000787	0.000304	0.0126	0.00000278	0.939	0.00107	1.2	0.0146	0.000245	0.705	0.00153	0.00163	0.0000532	0.000101	0.0000549	0.0254	0.00000406	0.00011	0.000253	0.00131

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	23.9	0.00919	0.00359	0.000516	3.72	0.0299	3.67	0.00000498	0.00237	0.000292	0.00498	0.00796	0.0000326	3.57	0.0000025	0.0000502	0.0000507	0.000251	0.00519	0.00000251	0.804	0.000514	1.25	0.000962	0.0000305	0.792	0.000711	0.00101	0.0000257	0.0000513	0.0000258	0.0173	0.00000498	0.0000178	0.00025	0.0015
2048 Jun	30.4	0.0208	0.0216	0.000746	6.42	0.033	4.53	0.0000045	0.00262	0.00139	0.00448	0.00956	0.00037	4.79	0.00000247	0.0000518	0.0000823	0.000265	0.00769	0.00000255	1.02	0.000717	1.49	0.00599	0.00011	0.878	0.00104	0.00202	0.0000285	0.0000684	0.0000362	0.0258	0.00000453	0.0000512	0.000246	0.00138
2048 Jul	20.4	0.00886	0.0113	0.000629	4.18	0.0251	2.98	0.0000048	0.00501	0.000773	0.0048	0.0067	0.000191	3.37	0.00000251	0.0000515	0.000091	0.00026	0.0143	0.00000256	0.68	0.000615	1.05	0.00506	0.0000683	0.622	0.000844	0.00112	0.0000261	0.0000599	0.000031	0.0171	0.00000482	0.0000351	0.000251	0.00146
2048 Aug	22.7	0.0143	0.0188	0.000741	4.78	0.0253	3.4	0.00000465	0.005	0.00126	0.00464	0.0066	0.000347	3.72	0.00000252	0.000053	0.0000612	0.00027	0.0139	0.00000262	0.754	0.000716	1.03	0.00635	0.000112	0.626	0.000786	0.00123	0.000027	0.0000688	0.0000362	0.0199	0.00000468	0.0000523	0.000252	0.00143
2048 Sep	25.5	0.0278	0.0321	0.000927	5.21	0.0247	4.14	0.00000424	0.00484	0.00212	0.00421	0.00683	0.000634	4.13	0.00000248	0.0000546	0.0000688	0.000281	0.0138	0.00000268	0.81	0.000886	1.11	0.0104	0.000173	0.644	0.00101	0.00136	0.0000276	0.0000839	0.0000489	0.0233	0.0000043	0.000081	0.000249	0.00133
2048 Oct	30	0.0346	0.047	0.00113	6.42	0.0271	4.87	0.00000385	0.00626	0.00307	0.00381	0.00764	0.000946	4.81	0.00000386	0.0000567	0.0000948	0.000342	0.0139	0.00000277	0.954	0.00108	1.24	0.015	0.000246	0.684	0.0015	0.00151	0.000273	0.000112	0.0000552	0.028	0.00000394	0.000114	0.000248	0.00158
2048 Nov	30.5	0.0441	0.0586	0.00131	6.39	0.024	5.11	0.00000355	0.00604	0.00382	0.0035	0.00751	0.0012	4.91	0.00000263	0.0000588	0.0000861	0.000315	0.0149	0.00000285	0.952	0.00124	1.19	0.0188	0.000306	0.651	0.00168	0.00175	0.0000577	0.000116	0.0000637	0.029	0.00000367	0.000141	0.000249	0.00122
2048 Dec	31.6	0.0467	0.0623	0.00136	6.67	0.0244	5.32	0.0000035	0.00616	0.00405	0.00345	0.00779	0.00128	5.1	0.00000267	0.0000597	0.0000889	0.000322	0.0155	0.00000289	0.988	0.00129	1.22	0.02	0.000324	0.667	0.00179	0.00171	0.0000624	0.000121	0.0000663	0.0302	0.00000363	0.000149	0.000251	0.00121
2049 Jan	32.1	0.0481	0.0643	0.0014	6.8	0.0245	5.42	0.00000349	0.00631	0.00419	0.00343	0.00787	0.00133	5.18	0.0000027	0.0000604	0.0000905	0.000326	0.0159	0.00000293	1	0.00132	1.23	0.0206	0.000334	0.671	0.00184	0.00174	0.0000649	0.000124	0.0000679	0.0309	0.00000362	0.000154	0.000253	0.00122
2049 Feb	32.6	0.0494	0.0663	0.00143	6.93	0.0246	5.51	0.00000347	0.00644	0.00432	0.00341	0.00794	0.00137	5.27	0.00000273	0.0000611	0.0000921	0.00033	0.0162	0.00000295	1.02	0.00135	1.24	0.0213	0.000344	0.674	0.00189	0.00176	0.0000668	0.000126	0.0000695	0.0314	0.0000036	0.000159	0.000254	0.00122
2049 Mar	33.2	0.0507	0.0681	0.00146	7.06	0.0248	5.61	0.00000345	0.00653	0.00444	0.00339	0.00806	0.00141	5.35	0.00000275	0.0000617	0.0000935	0.000334	0.0165	0.00000298	1.03	0.00138	1.26	0.0219	0.000354	0.681	0.00194	0.00179	0.0000682	0.000129	0.0000709	0.0321	0.00000359	0.000163	0.000256	0.00122
2049 Apr	28.8	0.0348	0.0448	0.00112	5.07	0.0281	4.97	0.00000402	0.00475	0.00295	0.00398	0.00756	0.000915	4.51	0.00000267	0.0000578	0.0000783	0.000306	0.0125	0.00000282	0.939	0.00107	1.19	0.0143	0.000238	0.704	0.0015	0.00162	0.0000531	0.000101	0.0000548	0.0251	0.00000411	0.000111	0.000255	0.00132
2049 May	23.9	0.00922	0.00361	0.000516	3.72	0.0299	3.67	0.00000498	0.00237	0.000292	0.00498	0.00796	0.0000338	3.57	0.00000251	0.0000502	0.0000508	0.000252	0.0052	0.00000251	0.804	0.000515	1.25	0.000976	0.0000306	0.792	0.000712	0.00101	0.0000257	0.0000514	0.0000258	0.0173	0.00000498	0.000018	0.00025	0.0015
2049 Jun	30.3	0.0207	0.021	0.000735	6.41	0.0331	4.51	0.00000451	0.00266	0.00132	0.00449	0.00956	0.000368	4.78	0.00000247	0.000052	0.0000822	0.000265	0.00762	0.00000258	1.02	0.000715	1.48	0.0059	0.000108	0.877	0.00103	0.00202	0.0000284	0.0000688	0.0000362	0.0257	0.00000454	0.0000521	0.000247	0.00139
2049 Jul	19.8	0.00736	0.00912	0.000597	4.06	0.0251	2.87	0.00000485	0.00499	0.000621	0.00485	0.00663	0.000149	3.29	0.00000251	0.0000513	0.0000907	0.000258	0.0142	0.00000255	0.667	0.000588	1.04	0.00445	0.0000576	0.618	0.0008	0.0011	0.0000259	0.0000578	0.0000296	0.0166	0.00000487	0.0000312	0.000251	0.00147
2049 Aug	22.5	0.014	0.0182	0.000729	4.75	0.0253	3.37	0.00000466	0.00504	0.00119	0.00464	0.00657	0.000342	3.69	0.00000253	0.0000531	0.0000609	0.00027	0.0138	0.00000263	0.752	0.000711	1.02	0.00623	0.000109	0.624	0.000769	0.00122	0.000027	0.0000688	0.000036	0.0198	0.00000469	0.0000527	0.000253	0.00143
2049 Sep	25.5	0.028	0.032	0.000923	5.22	0.0248	4.14	0.00000424	0.00495	0.00205	0.00421	0.00684	0.000647	4.13	0.00000249	0.000055	0.000069	0.000283	0.0138	0.00000272	0.815	0.000893	1.11	0.0105	0.000173	0.644	0.001	0.00136	0.0000278	0.0000853	0.0000493	0.0233	0.00000431	0.0000841	0.000251	0.00133
2049 Oct	29.7	0.0337	0.0452	0.0011	6.38	0.0274	4.81	0.00000389	0.00639	0.00286	0.00385	0.00763	0.000927	4.77	0.00000396	0.0000571	0.0000951	0.000345	0.0137	0.00000281	0.956	0.00106	1.24	0.0146	0.000236	0.685	0.00145	0.00149	0.000287	0.000113	0.0000547	0.0278	0.000004	0.000115	0.00025	0.00162
2049 Nov	30.3	0.0439	0.0575	0.00129	6.35	0.0241	5.07	0.00000357	0.00621	0.00364	0.00351	0.0075	0.00121	4.88	0.00000265	0.0000595	0.000086	0.000317	0.0148	0.00000291	0.957	0.00124	1.18	0.0187	0.000301	0.649	0.00164	0.00174	0.0000583	0.000118	0.0000639	0.0288	0.00000371	0.000145	0.000251	0.00123
2049 Dec	31.4	0.0464	0.0611	0.00134	6.62	0.0245	5.27	0.00000352	0.00634	0.00385	0.00346	0.00777	0.00128	5.06	0.00000269	0.0000604	0.0000886	0.000324	0.0154	0.00000296	0.992	0.00129	1.21	0.0198	0.000318	0.665	0.00175	0.00171	0.0000631	0.000122	0.0000665	0.03	0.00000366	0.000153	0.000253	0.00123
2050 Jan	31.9	0.0477	0.063	0.00137	6.75	0.0247	5.36	0.0000035	0.00648	0.00398	0.00344	0.00785	0.00133	5.14	0.00000273	0.0000611	0.0000902	0.000328	0.0157	0.00000299	1.01	0.00132	1.22	0.0205	0.000328	0.668	0.0018	0.00173	0.0000658	0.000125	0.0000681	0.0306	0.00000365	0.000158	0.000255	0.00123
2050 Feb	32.3	0.0491	0.065	0.0014	6.88	0.0247	5.45	0.00000348	0.00662	0.0041	0.00342	0.00792	0.00137	5.22	0.00000275	0.0000618	0.0000918	0.000332	0.0161	0.00000302	1.02	0.00135	1.23	0.0211	0.000338	0.671	0.00184	0.00175	0.0000678	0.000128	0.0000696	0.0312	0.00000364	0.000163	0.000257	0.00123
2050 Mar	32.9	0.0503	0.0668	0.00143	7.01	0.0249	5.55	0.00000346	0.00672	0.00421	0.0034	0.00803	0.00141	5.3	0.00000277	0.0000623	0.0000932	0.000336	0.0164	0.00000305	1.03	0.00137	1.24	0.0217	0.000347	0.677	0.00189	0.00178	0.0000693	0.00013	0.000071	0.0318	0.00000362	0.000167	0.000258	0.00123
2050 Apr	28.6	0.0345	0.0439	0.0011	5.04	0.0282	4.93	0.00000403	0.00487	0.0028	0.00399	0.00754	0.000915	4.48	0.00000269	0.0000582	0.0000781	0.000307	0.0124	0.00000287	0.941	0.00107	1.18	0.0142	0.000233	0.701	0.00147	0.00161	0.0000537	0.000102	0.0000548	0.0249	0.00000413	0.000113	0.000256	0.00133
2050 May	23.9	0.00922	0.0036	0.000516	3.72	0.0299	3.67	0.00000498	0.00238	0.000288	0.00498	0.00796	0.0000341	3.57	0.00000251	0.0000502	0.0000508	0.000252	0.00519	0.00000251	0.804	0.000515	1.25	0.000976	0.0000305	0.792	0.000711	0.00101	0.0000258	0.0000514	0.0000258	0.0173	0.00000498	0.0000181	0.00025	0.0015
2050 Jun	30.1	0.0204	0.0203	0.000725	6.38	0.0331	4.48	0.00000451	0.00265	0.00125	0.0045	0.00955	0.000362	4.76	0.00000248	0.0000519	0.000082	0.000265	0.00753	0.00000258	1.02	0.000709	1.48	0.00575	0.000104	0.877	0.00101	0.00202	0.0000285	0.0000683	0.0000359	0.0256	0.00000455	0.0000516	0.000246	0.00139
2050 Jul	19.9	0.00762	0.00941	0.0006	4.08	0.0251	2.88	0.00000484	0.00499	0.000622	0.00483	0.00663	0.000158	3.3	0.00000251	0.0000512	0.0000906	0.000258	0.0142	0.00000255	0.668	0.000593	1.04	0.00455	0.0000585	0.618	0.000802	0.0011	0.000026	0.000058	0.0000298	0.0166	0.00000485	0.0000319	0.000251	0.00147
2050 Aug	22.2	0.013	0.0167	0.000707	4.67	0.0252	3.3	0.00000468	0.00498	0.00107	0.00467	0.00652	0.000317	3.64	0.00000252	0.0000527	0.00006	0.000268	0.0137	0.00000262	0.742	0.000693	1.01	0.00579	0.000101	0.622	0.000729	0.0012	0.0000269	0.0000666	0.000035	0.0194	0.00000471	0.0000491	0.000252	0.00143
2050 Sep	25.4	0.0278	0.0315	0.000913	5.19	0.0247	4.1	0.00000423	0.00483	0.00195	0.0042	0.00681	0.000644	4.11	0.00000248	0.0000542	0.0000687	0.00028	0.0137	0.00000268	0.807	0.000885	1.11	0.0103	0.000166	0.643	0.000977	0.00136	0.0000277	0.0000828	0.0000486	0.0232	0.00000429	0.0000808	0.000248	0.00133
2050 Oct	29.6	0.0335	0.0446	0.00109	6.34	0.0272	4.76	0.00000387	0.0062	0.00272	0.00383	0.00758	0.000926	4.73	0.00000393	0.0000558	0.0000946	0.000339	0.0135	0.00000274	0.943	0.00105	1.23	0.0144	0.000227	0.683	0.00142	0.00148	0.000287	0.000109	0.0000537	0.0276	0.00000395	0.000109	0.000245	0.0016
2050 Nov	30.1	0.0438	0.0569	0.00128	6.31	0.0238	5	0.00000354	0.00596	0.00347	0.00349	0.00744	0.00121	4.84	0.00000262	0.0000577	0.0000854	0.00031	0.0146	0.00000282	0.94	0.00123	1.17	0.0185	0.000289	0.647	0.0016	0.00173	0.0000581	0.000113	0.0000626	0.0286	0.00000365	0.000138	0.000245	0.00121
2050 Dec	31.2	0.0463	0.0605	0.00133	6.58	0.0242	5.19	0.00000348	0.00607	0.00367	0.00343	0.0077	0.00129	5.01	0.00000266	0.0000586	0.000088	0.000316	0.0152	0.00000286	0.974	0.00128	1.2	0.0197	0.000306	0.663	0.00171	0.00169	0.0000629	0.000117	0.0000651	0.0298	0.0000036	0.000146	0.000246	0.0012
2051 Jan	31.7	0.0476	0.0625	0.00136	6.71	0.0243	5.29	0.00000347	0.00621	0.00379	0.00341	0.00778	0.00133	5.1	0.00000269	0.0000592	0.0000897	0.00032	0.0155	0.00000289	0.987	0.00131	1.21	0.0203	0.000316	0.666	0.00175	0.00171	0.0000655	0.000119	0.0000667	0.0304	0.00000359	0.00015	0.000248	0.0012
2051 Feb	32.1	0.0489	0.0644	0.00139	6.84	0.0244	5.38	0.00000344	0.00634	0.00391	0.00339	0.00784	0.00138	5.17	0.00000271	0.0000598	0.0000912	0.000324	0.0159	0.00000292	0.999	0.00134	1.22	0.021	0.000325	0.669	0.0018	0.00173	0.0000675	0.000122	0.0000682	0.031	0.00000357	0.000155	0.000249	0.0012
2051 Mar	32.7	0.0502	0.0662	0.00142	6.97	0.0245	5.47	0.00000342	0.00643	0.00401	0.00337	0.00795	0.00141	5.26	0.00000273	0.0000603	0.0000926	0.000328	0.0162	0.00000294	1.01	0.00136	1.23	0.0215	0.000334	0.676	0.00185	0.00176	0.000069	0.000124	0.0000696	0.0316	0.00000355	0.000159	0.00025	0.0012
2051 Apr	28.5	0.0344	0.0435	0.00109	5	0.028	4.88	0.00000401	0.00467	0.00267	0.00397	0.00749	0.000916	4.44	0.00000266	0.0000569	0.0000777	0.000301	0.0122	0.0000028	0.928	0.00106	1.18	0.0141	0.000224	0.7	0.00144	0.0016	0.0000535	0.0000981	0.0000538	0.0248	0.00000409	0.000108	0.000251	0.00132
2051 May	23.9	0.00925	0.00364	0.000517	3.72	0.0299	3.67	0.00000497	0.00238	0.000288	0.00497	0.00796	0.0000353	3.57	0.00000251	0.0000502	0.0000508	0.000252	0.0052	0.00000251	0.804	0.000516	1.25	0.000992	0.0000306	0.791	0.000711	0.00101	0.0000258	0.0000514	0.0000258	0.0173	0.00000498	0.0000181	0.00025	0.0015
2051 Jun	30.2	0.0209	0.021	0.000734	6.4	0.033	4.49	0.00000449	0.00267	0.00124	0.00448	0.00953	0.00038	4.76	0.00000247	0.0000518	0.0000821	0.000265	0.00763	0.00000257	1.02	0.000719	1.48	0.00599	0.000105	0.875	0.00101	0.00202	0.0000286	0.0000683	0.0000362	0.0257	0.00000453	0.0000523	0.000245	0.00138
2051 Jul	20	0.0078	0.00962	0.000603	4.09	0.0251	2.89	0.00000483	0.005	0.000617	0.00483	0.00664	0.000164	3.3	0.00000251	0.0000512	0.0000907	0.000258	0.0142	0.00000255	0.669	0.000596	1.04	0.00462	0.0000589	0.618	0.000803	0.0011	0.000026	0.0000582	0.00003	0.0167	0.00000485	0.0000324	0.00025	0.00146
2051 Aug	22.5	0.014	0.0179	0.000725	4.74	0.0253	3.35	0.00000466	0.00503	0.0011	0.00464	0.00656	0.000346	3.68	0.00000252	0.0000529	0.0000608	0.000269	0.0138	0.00000263	0.75	0.000711	1.02	0.0062	0.000106	0.624	0.000751	0.00122	0.000027	0.000068	0.0000359	0.0198	0.00000469	0.0000521	0.000252	0.00143
2051 Sep	25.5	0.028	0.0316	0.000914	5.21	0.0248	4.1	0.00000424	0.00488	0.00188	0.00421	0.00684	0.000652	4.12	0.00000249	0.0000545	0.000069	0.000281	0.0137	0.0000027	0.812	0.000891	1.11	0.0104	0.000165	0.645	0.000969	0.00136	0.0000279	0.0000832	0.0000489	0.0233	0.0000043	0.0000821	0.000249	0.00133
2051 Oct	29.5	0.0332	0.044	0.00108	6.34	0.0274	4.73	0.00000389	0.00627	0.00259	0.00385	0.00759	0.000921	4.72	0.00000398	0.0000559	0.000095	0.000341	0.0134	0.00000276	0.945	0.00105	1.23	0.0143	0.000222	0.685	0.0014	0.00148	0.000294	0.000109	0.0000536	0.0276	0.00000398	0.00011	0.000246	0.00162
2051 Nov	30	0.0437	0.0565	0.00127	6.3	0.0239	4.97	0.00000354	0.00603	0.00331	0.00349	0.00743	0.00121	4.82	0.00000263	0.0000579	0.0000855	0.000311	0.0146	0.00000285	0.942	0.00123	1.16	0.0185	0.000285	0.647	0.00158	0.00172	0.0000591	0.000113	0.0000627	0.0286	0.00000366	0.000139	0.000245	0.00121
2051 Dec	31.1	0.0462	0.06	0.00132	6.57	0.0243	5.16	0.00000349	0.00614	0.00351	0.00343	0.0077	0.00129	5	0.00000267	0.0000587	0.000088	0.000317	0.0151	0.00000288	0.975	0.00128	1.19	0.0196	0.000301	0.662	0.00168	0.00169	0.0000639	0.000117	0.0000652	0.0298	0.00000361	0.000147	0.000247	0.00121
2052 Jan	31.6	0.0476	0.062	0.00135	6.7	0.0244	5.25	0.00000347	0.00628	0.00362	0.00342	0.00777	0.00133	5.08	0.0000027	0.0000594	0.0000897	0.000321	0.0155	0.00000291	0.989	0.00131	1.2	0.0203	0.00031	0.666	0.00172	0.00171	0.0000666	0.00012	0.0000668	0.0304	0.0000036	0.000152	0.000248	0.00121
2052 Feb	32.1	0.0489	0.0639	0.00138	6.83	0.0244	5.34	0.00000345	0.00642	0.00374	0.00339	0.00784	0.00138	5.16	0.00000273	0.00006	0.0000912	0.000325	0.0158	0.00000294	1	0.00134	1.21	0.021	0.00032	0.669	0.00177	0.00173	0.0000686	0.000122	0.0000683	0.031	0.00000358	0.000156	0.000249	0.00121
2052 Mar	32.6	0.0502	0.0658	0.00141	6.96	0.0246	5.44	0.00000343	0.00651	0.00384	0.00337	0.00795	0.00142	5.24	0.00000275	0.0000605	0.0000926	0.000328	0.0161	0.00000297	1.02	0.00136	1.23	0.0215	0.000328	0.675	0.00182	0.00176	0.0000701	0.000124	0.0000697	0.0316	0.00000356	0.000161	0.000251	0.00121
2052 Apr	28.2	0.0336	0.0421	0.00107	4.9	0.0282	4.83	0.00000404	0.00464	0.0025	0.004	0.00746	0.000894	4.39	0.00000267	0.0000568	0.0000769	0.0003	0.012	0.0000028	0.925	0.00104	1.17	0.0137	0.000215	0.701	0.0014	0.00159	0.0000534	0.0000969	0.0000531	0.0244	0.00000412	0.000106	0.000252	0.00132
2052 May	23.9	0.00933	0.00375	0.000518	3.73	0.0299	3.67	0.00000497	0.00238	0.000292	0.00497	0.00796	0.000038	3.58	0.00000251	0.0000502	0.0000509	0.000252	0.00522	0.00000251	0.805	0.000517	1.25	0.00103	0.000031	0.791	0.000713	0.00102	0.0000259	0.0000515	0.0000259	0.0173	0.00000497	0.0000184	0.00025	0.0015
2052 Jun	30.1	0.0204	0.0202	0.00072	6.37	0.033	4.45	0.0000045	0.0026	0.00116	0.00449	0.00953	0.000364	4.74	0.00000247	0.0000515	0.0000818	0.000263	0.00748	0.00000256	1.02	0.000707	1.48	0.00574	0.0001	0.876	0.00099	0.00202	0.0000285	0.0000669	0.0000356	0.0256	0.00000453	0.0000502	0.000244	0.00138
2052 Jul	19.7	0.00698	0.00848	0.000586	4.03	0.0251	2.83	0.00000486	0.00496	0.000538	0.00485	0.0066	0.00014	3.26	0.0000025	0.0000509	0.0000905	0.000256	0.0141	0.00000254	0.661	0.00058	1.03	0.00429	0.0000527	0.616	0.000778	0.00109	0.0000258	0.0000565	0.0000291	0.0164	0.00000487	0.0000295	0.00025	0.00147
2052 Aug	22.2	0.0131	0.0166	0.000704	4.67	0.0252	3.28	0.00000468	0.00494	0.000994	0.00466	0.0065	0.000318	3.63	0.00000252	0.0000523	0.0000599	0.000266	0.0137	0.0000026	0.739	0.000692	1.01	0.00579	0.0000976	0.621	0.000715	0.0012	0.0000269	0.0000655	0.0000348	0.0194	0.0000047	0.000048	0.00025	0.00143
2052 Sep	25.4	0.0279	0.0314	0.000909	5.19	0.0246	4.07	0.00000421	0.00476	0.00181	0.00419	0.00679	0.000651	4.09	0.00000247	0.0000536	0.0000687	0.000277	0.0136	0.00000265	0.802	0.000886	1.1	0.0104	0.00016	0.643	0.000951	0.00135	0.0000278	0.0000806	0.0000483	0.0232	0.00000426	0.0000787	0.000245	0.00132
2052 Oct	29.5	0.0338	0.0445	0.00109	6.33	0.027	4.71	0.00000384	0.00609	0.00252	0.00381	0.00754	0.000935	4.71	0.0000039	0.0000548	0.0000944	0.000335	0.0134	0.0000027	0.934	0.00105	1.22	0.0145	0.000218	0.682	0.00138	0.00148	0.000284	0.000105	0.0000533	0.0276	0.00000391	0.000106	0.000241	0.00158
2052 Nov	30	0.0439	0.0565	0.00126	6.29	0.0236	4.93	0.00000351	0.00581	0.00319	0.00346	0.00739	0.00122	4.8	0.00000259	0.0000564	0.0000852	0.000304	0.0145	0.00000276	0.928	0.00122	1.16	0.0186	0.000276	0.646	0.00155	0.00171	0.0000575	0.000108	0.0000619	0.0286	0.0000036	0.000133	0.000239	0.00119
2052 Dec	31	0.0464	0.06	0.00131	6.56	0.0239	5.12	0.00000345	0.00591	0.00337	0.00341	0.00764	0.00129	4.97	0.00000263	0.0000571	0.0000877	0.00031	0.0151	0.00000279	0.96	0.00127	1.19	0.0197	0.000292	0.661	0.00165	0.00168	0.0000622	0.000112	0.0000643	0.0297	0.00000355	0.000141	0.00024	0.00118
2053 Jan	31.5	0.0477	0.062	0.00135	6.69	0.024	5.21	0.00000344	0.00604	0.00348	0.00339	0.00771	0.00134	5.06	0.00000266	0.0000577	0.0000894	0.000314	0.0154	0.00000282	0.973	0.0013	1.2	0.0203	0.000301	0.665	0.00169	0.0017	0.0000649	0.000114	0.0000658	0.0303	0.00000353	0.000145	0.000241	0.00118
2053 Feb	32	0.0491	0.0639	0.00138	6.81	0.0241	5.3	0.00000341	0.00617	0.00359	0.00336	0.00778	0.00138	5.13	0.00000269	0.0000582	0.0000909	0.000318	0.0158	0.00000285	0.985	0.00133	1.2	0.021	0.00031	0.667	0.00174	0.00172	0.0000668	0.000117	0.0000673	0.0309	0.00000351	0.00015	0.000243	0.00118
2053 Mar	32.5	0.0504	0.0657	0.0014	6.94	0.0242	5.39	0.00000339	0.00625	0.00369	0.00334	0.00789	0.00142	5.22	0.0000027	0.0000587	0.0000923	0.000321	0.0161	0.00000287	1	0.00136	1.22	0.0216	0.000319	0.674	0.00178	0.00175	0.0000684	0.000119	0.0000686	0.0315	0.0000035	0.000154	0.000244	0.00118
2053 Apr	28.3	0.0343	0.0429	0.00108	4.96	0.0278	4.82	0.00000399	0.00454	0.00245	0.00396	0.00744	0.000913	4.41	0.00000264	0.0000558	0.0000773	0.000297	0.0121	0.00000275	0.917	0.00105	1.17	0.014	0.000213	0.699	0.00139	0.00159	0.0000529	0.0000944	0.000053	0.0246	0.00000406	0.000104	0.000247	0.0013
2053 May	25.7	0.0171	0.0154	0.000688	4.35	0.0291	4.02	0.00000471	0.00312	0.000929	0.0047	0.008	0.000298	3.91	0.00000256	0.0000521	0.000059	0.000266	0.00728	0.00000259	0.846	0.000679	1.25	0.0049	0.0000851	0.774	0.000919	0.00116	0.000034	0.0000644	0.0000341	0.0201	0.00000473	0.0000438	0.00025	0.00145
2053 Jun	30.1	0.0205	0.0202	0.00072	6.38	0.033	4.45	0.0000045	0.00262	0.00113	0.00449	0.00953	0.000367	4.74	0.00000247	0.0000515	0.0000819	0.000263	0.0075	0.00000256	1.02	0.000709	1.47	0.00579	0.0000993	0.876	0.000986	0.00201	0.0000285	0.0000669	0.0000357	0.0256	0.00000453	0.0000505	0.000244	0.00138
2053 Jul	19.6	0.00677	0.00817	0.000581	4.01	0.0251	2.82	0.00000486	0.00496	0.000509	0.00486	0.00659	0.000134	3.25	0.0000025	0.0000509	0.0000905	0.000256	0.0141	0.00000254	0.659	0.000577	1.03	0.00421	0.0000512	0.615	0.000771	0.00108	0.0000258	0.0000563	0.0000289	0.0163	0.00000488	0.0000291	0.00025	0.00147
2053 Aug	22.1	0.0129	0.0163	0.000699	4.66	0.0252	3.26	0.00000468	0.00496	0.00095	0.00467	0.0065	0.000313	3.62	0.00000252	0.0000524	0.0000597	0.000266	0.0136	0.00000261	0.739	0.00069	1.01	0.00574	0.000096	0.62	0.000705	0.00119	0.0000268	0.0000655	0.0000347	0.0193	0.00000471	0.0000483	0.000251	0.00143
2053 Sep	25.3	0.0277	0.0308	0.000897	5.17	0.0246	4.04	0.00000423	0.00481	0.00171	0.0042	0.00678	0.000639	4.07	0.00000248	0.0000537	0.0000684	0.000277	0.0136	0.00000266	0.802	0.000881	1.09	0.0103	0.000156	0.642	0.000929	0.00135	0.0000278	0.0000807	0.0000482	0.023	0.00000428	0.0000794	0.000245	0.00132
2053 Oct	29.4	0.0335	0.0439	0.00107	6.31	0.0271	4.68	0.00000385	0.00617	0.0024	0.00381	0.00754	0.000925	4.69	0.00000392	0.0000551	0.0000942	0.000336	0.0134	0.00000272	0.937	0.00105	1.21	0.0144	0.000215	0.681	0.00136	0.00147	0.000285	0.000106	0.0000534	0.0275	0.00000393	0.000108	0.000242	0.00159
2053 Nov	29.9	0.0436	0.0558	0.00125	6.27	0.0236	4.89	0.00000352	0.00592	0.00303	0.00347	0.00738	0.0012	4.78	0.00000261	0.0000567	0.000085	0.000306	0.0144	0.0000028	0.931	0.00122	1.15	0.0185	0.000272	0.644	0.00152	0.00171	0.0000588	0.000109	0.000062	0.0284	0.00000362	0.000135	0.00024	0.00119
2053 Dec	30.9	0.0461	0.0593	0.0013	6.54	0.024	5.08	0.00000346	0.00603	0.00322	0.00341	0.00764	0.00128	4.95	0.00000265	0.0000575	0.0000876	0.000312	0.015	0.00000283	0.964	0.00127	1.18	0.0196	0.000288	0.659	0.00162	0.00167	0.0000637	0.000113	0.0000645	0.0296	0.00000357	0.000143	0.000241	0.00119
2054 Jan	31.4	0.0475	0.0612	0.00133	6.67	0.0241	5.18	0.00000345	0.00617	0.00332	0.00339	0.00771	0.00132	5.03	0.00000268	0.0000581	0.0000892	0.000316	0.0153	0.00000286	0.977	0.0013	1.19	0.0203	0.000297	0.663	0.00166	0.00169	0.0000664	0.000115	0.000066	0.0302	0.00000355	0.000148	0.000243	0.00119
2054 Feb	31.9	0.0488	0.0632	0.00136	6.8	0.0242	5.26	0.00000342	0.0063	0.00342	0.00337	0.00778	0.00137	5.11	0.0000027	0.0000587	0.0000908	0.000319	0.0157	0.00000289	0.99	0.00133	1.2	0.0209	0.000306	0.666	0.0017	0.00171	0.0000684	0.000118	0.0000676	0.0308	0.00000353	0.000152	0.000244	0.00119
2054 Mar	32.4	0.0501	0.0649	0.00139	6.93	0.0243	5.36	0.0000034	0.00638	0.00352	0.00335	0.00789	0.00141	5.19	0.00000272	0.0000591	0.0000921	0.000323	0.016	0.00000291	1	0.00135	1.21	0.0215	0.000314	0.672	0.00175	0.00174	0.0000699	0.00012	0.0000689	0.0314	0.00000352	0.000156	0.000245	0.00119
2054 Apr	28.3	0.0342	0.0424	0.00107	4.95	0.0279	4.8	0.000004	0.00462	0.00234	0.00396	0.00744	0.000906	4.39	0.00000266	0.0000561	0.0000772	0.000298	0.012	0.00000278	0.92	0.00105	1.16	0.014	0.00021	0.698	0.00137	0.00159	0.0000539	0.0000951	0.0000532	0.0246	0.00000407	0.000106	0.000248	0.00131
2054 May	23.9	0.00916	0.00348	0.000514	3.71	0.0299	3.66	0.00000498	0.00236	0.000272	0.00498	0.00796	0.000032	3.57	0.0000025	0.0000502	0.0000507	0.000251	0.00517	0.00000251	0.804	0.000514	1.25	0.000943	0.0000295	0.792	0.000707	0.00101	0.0000257	0.0000511	0.0000257	0.0173	0.00000498	0.0000177	0.00025	0.0015
2054 Jun	30	0.0203	0.02	0.000715	6.36	0.033	4.43	0.00000449	0.00257	0.00108	0.00448	0.00951	0.000361	4.73	0.00000246	0.0000511	0.0000816	0.000261	0.00745	0.00000254	1.01	0.000705	1.47	0.00574	0.0000966	0.875	0.000975	0.00201	0.0000286	0.0000658	0.0000354	0.0255	0.00000452	0.0000492	0.000243	0.00138
2054 Jul	20.1	0.00833	0.0102	0.000609	4.12	0.0251	2.91	0.00000481	0.00497	0.000601	0.0048	0.00665	0.000178	3.32	0.0000025	0.000051	0.0000906	0.000258	0.0142	0.00000254	0.672	0.000604	1.04	0.00482	0.0000595	0.619	0.000804	0.00111	0.0000261	0.000058	0.0000303	0.0169	0.00000482	0.000033	0.000249	0.00146
2054 Aug	22.1	0.0132	0.0166	0.000702	4.67	0.0251	3.27	0.00000467	0.00492	0.000935	0.00465	0.0065	0.000319	3.63	0.00000251	0.0000521	0.0000599	0.000265	0.0136	0.00000259	0.738	0.000692	1.01	0.00585	0.0000954	0.62	0.000705	0.0012	0.0000269	0.0000648	0.0000347	0.0194	0.00000469	0.0000475	0.000249	0.00142
2054 Sep	25.3	0.0277	0.0306	0.000894	5.17	0.0245	4.03	0.00000422	0.00472	0.00165	0.0042	0.00677	0.000636	4.07	0.00000247	0.0000531	0.0000684	0.000275	0.0136	0.00000263	0.797	0.000878	1.09	0.0103	0.000152	0.643	0.000915	0.00135	0.0000278	0.0000788	0.0000479	0.023	0.00000427	0.0000767	0.000243	0.00132
2054 Oct	29.4	0.0334	0.0437	0.00107	6.32	0.027	4.66	0.00000385	0.00608	0.0023	0.00381	0.00753	0.000919	4.69	0.00000393	0.0000544	0.0000945	0.000334	0.0133	0.00000269	0.931	0.00105	1.21	0.0144	0.000209	0.682	0.00134	0.00147	0.000289	0.000104	0.0000529	0.0275	0.00000391	0.000105	0.000239	0.00159
2054 Nov	29.8	0.0436	0.0555	0.00124	6.26	0.0235	4.87	0.00000351	0.0058	0.00292	0.00346	0.00736	0.0012	4.76	0.0000026	0.0000559	0.000085	0.000302	0.0144	0.00000275	0.924	0.00121	1.14	0.0185	0.000266	0.644	0.0015	0.00171	0.0000581	0.000106	0.0000615	0.0284	0.00000359	0.000132	0.000237	0.00118
2054 Dec	30.9	0.0461	0.059	0.00129	6.53	0.0239	5.05	0.00000345	0.00591	0.00308	0.0034	0.00762	0.00127	4.94	0.00000263	0.0000566	0.0000875	0.000308	0.0149	0.00000279	0.957	0.00126	1.17	0.0196	0.000281	0.659	0.00159	0.00167	0.000063	0.00011	0.000064	0.0296	0.00000354	0.00014	0.000238	0.00118
2055 Jan	31.4	0.0474	0.0609	0.00132	6.65	0.024	5.14	0.00000343	0.00604	0.00318	0.00338	0.00769	0.00132	5.01	0.00000266	0.0000572	0.0000891	0.000312	0.0153	0.00000282	0.969	0.00129	1.18	0.0203	0.00029	0.662	0.00164	0.00169	0.0000656	0.000112	0.0000655	0.0302	0.00000353	0.000144	0.000239	0.00118
2055 Feb	31.8	0.0488	0.0628	0.00135	6.78	0.024	5.22	0.00000341	0.00618	0.00328	0.00336	0.00775	0.00136	5.09	0.00000269	0.0000577	0.0000906	0.000315	0.0156	0.00000284	0.981	0.00132	1.19	0.0209	0.000299	0.665	0.00168	0.00171	0.0000676	0.000115	0.0000669	0.0307	0.0000035	0.000149	0.00024	0.00118
2055 Mar	32.3	0.05	0.0645	0.00138	6.91	0.0242	5.31	0.00000339	0.00625	0.00337	0.00333	0.00786	0.0014	5.17	0.00000271	0.0000582	0.0000919	0.000319	0.0159	0.00000286	0.996	0.00135	1.2	0.0215	0.000306	0.671	0.00172	0.00174	0.0000691	0.000117	0.0000683	0.0313	0.00000349	0.000153	0.000241	0.00118
2055 Apr	28.1	0.0335	0.0413	0.00105	4.87	0.0279	4.75	0.00000401	0.00448	0.0022	0.00398	0.0074	0.00088	4.35	0.00000264	0.0000554	0.0000765	0.000294	0.0118	0.00000274	0.912	0.00103	1.16	0.0137	0.000201	0.698	0.00134	0.00158	0.0000528	0.0000922	0.0000522	0.0242	0.00000407	0.000102	0.000246	0.0013
2055 May	23.9	0.00934	0.00374	0.000518	3.73	0.0299	3.67	0.00000497	0.00238	0.000284	0.00497	0.00796	0.000038	3.57	0.00000251	0.0000502	0.0000509	0.000252	0.00522	0.00000251	0.804	0.000517	1.25	0.00104	0.0000307	0.791	0.000711	0.00102	0.0000259	0.0000514	0.0000259	0.0173	0.00000497	0.0000183	0.00025	0.00149
2055 Jun	30.1	0.0206	0.0203	0.000719	6.37	0.0329	4.44	0.00000448	0.00259	0.00107	0.00447	0.0095	0.000369	4.73	0.00000246	0.0000511	0.0000817	0.000261	0.00751	0.00000254	1.01	0.000711	1.47	0.00589	0.000097	0.874	0.000976	0.00201	0.0000286	0.0000658	0.0000357	0.0256	0.00000451	0.0000497	0.000243	0.00138
2055 Jul	19.9	0.00782	0.00948	0.000598	4.08	0.0251	2.87	0.00000483	0.00497	0.000551	0.00482	0.00662	0.000162	3.29	0.0000025	0.0000509	0.0000906	0.000257	0.0142	0.00000254	0.667	0.000595	1.04	0.00463	0.000056	0.617	0.00079	0.0011	0.000026	0.0000572	0.0000298	0.0167	0.00000484	0.0000315	0.000249	0.00146
2055 Aug	22.3	0.0138	0.0174	0.000711	4.71	0.0251	3.3	0.00000464	0.00495	0.000947	0.00463	0.00652	0.000337	3.65	0.00000251	0.0000522	0.0000605	0.000266	0.0137	0.0000026	0.743	0.000704	1.01	0.00614	0.0000981	0.621	0.000718	0.00121	0.000027	0.0000656	0.0000353	0.0196	0.00000467	0.0000495	0.000249	0.00142
2055 Sep	25	0.0272	0.0297	0.000877	5.12	0.0245	3.98	0.00000423	0.00471	0.00155	0.00421	0.00673	0.000616	4.03	0.00000247	0.000053	0.0000678	0.000274	0.0135	0.00000263	0.792	0.000867	1.09	0.0101	0.000147	0.64	0.000888	0.00133	0.0000277	0.0000779	0.0000475	0.0228	0.00000427	0.0000757	0.000243	0.00132
2055 Oct	29.3	0.0334	0.0434	0.00106	6.29	0.0269	4.63	0.00000383	0.00609	0.00221	0.0038	0.0075	0.000913	4.67	0.0000039	0.0000542	0.000094	0.000332	0.0133	0.00000269	0.929	0.00104	1.2	0.0144	0.000207	0.678	0.00132	0.00146	0.000284	0.000103	0.0000529	0.0274	0.0000039	0.000105	0.000238	0.00158
2055 Nov	29.8	0.0436	0.0553	0.00123	6.26	0.0234	4.84	0.00000349	0.00584	0.0028	0.00344	0.00734	0.00119	4.75	0.00000259	0.0000557	0.0000849	0.000302	0.0144	0.00000276	0.923	0.00121	1.14	0.0186	0.000263	0.641	0.00148	0.0017	0.0000587	0.000106	0.0000616	0.0284	0.00000357	0.000133	0.000236	0.00118
2055 Dec	30.8	0.046	0.0584	0.00128	6.51	0.0238	5.02	0.00000344	0.00593	0.00295	0.00339	0.00759	0.00126	4.91	0.00000263	0.0000564	0.0000873	0.000307	0.0149	0.00000279	0.954	0.00126	1.17	0.0196	0.000276	0.656	0.00157	0.00166	0.0000634	0.000109	0.0000639	0.0295	0.00000353	0.00014	0.000237	0.00118
2056 Jan	31.3	0.0474	0.0604	0.00131	6.64	0.0239	5.11	0.00000342	0.00607	0.00305	0.00337	0.00766	0.0013	4.99	0.00000267	0.000057	0.0000889	0.000311	0.0152	0.00000282	0.968	0.00129	1.18	0.0203	0.000285	0.66	0.00161	0.00168	0.0000661	0.000112	0.0000655	0.0301	0.00000352	0.000145	0.000238	0.00118
2056 Feb	31.8	0.0487	0.0624	0.00134	6.77	0.024	5.2	0.0000034	0.00621	0.00315	0.00335	0.00773	0.00135	5.07	0.00000269	0.0000576	0.0000905	0.000315	0.0156	0.00000285	0.98	0.00132	1.18	0.021	0.000294	0.663	0.00165	0.0017	0.0000681	0.000114	0.000067	0.0307	0.0000035	0.000149	0.000239	0.00118
2056 Mar	32.3	0.05	0.0641	0.00136	6.9	0.0241	5.29	0.00000338	0.00629	0.00323	0.00333	0.00784	0.00139	5.15	0.00000271	0.0000581	0.0000919	0.000318	0.0159	0.00000287	0.995	0.00134	1.2	0.0215	0.000302	0.669	0.0017	0.00173	0.0000696	0.000116	0.0000683	0.0313	0.00000348	0.000153	0.00024	0.00118
2056 Apr	28	0.0334	0.0408	0.00104	4.85	0.0279	4.73	0.00000401	0.00449	0.00211	0.00398	0.00739	0.00087	4.33	0.00000264	0.0000553	0.0000763	0.000294	0.0118	0.00000274	0.91	0.00103	1.15	0.0136	0.000198	0.698	0.00132	0.00158	0.0000529	0.0000917	0.0000521	0.0242	0.00000408	0.000101	0.000245	0.0013
2056 May	23.9	0.00945	0.0039	0.00052	3.74	0.0299	3.67	0.00000497	0.00239	0.000289	0.00497	0.00796	0.0000415	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00525	0.00000251	0.805	0.00052	1.25	0.00109	0.0000313	0.791	0.000714	0.00102	0.000026	0.0000516	0.000026	0.0174	0.00000497	0.0000187	0.00025	0.00149
2056 Jun	30	0.0204	0.0198	0.00071	6.36	0.0329	4.42	0.00000449	0.00261	0.00101	0.00448	0.0095	0.000358	4.72	0.00000246	0.0000512	0.0000816	0.000262	0.00745	0.00000255	1.01	0.000705	1.47	0.00578	0.0000949	0.874	0.000964	0.00201	0.0000285	0.0000659	0.0000356	0.0255	0.00000452	0.00005	0.000243	0.00138
2056 Jul	19.6	0.00674	0.00803	0.000577	4.01	0.0251	2.81	0.00000486	0.00496	0.00047	0.00486	0.00658	0.00013	3.24	0.0000025	0.0000508	0.0000904	0.000256	0.0141	0.00000254	0.658	0.000575	1.03	0.0042	0.0000496	0.615	0.000764	0.00108	0.0000258	0.0000559	0.0000289	0.0163	0.00000487	0.0000288	0.000249	0.00147
2056 Aug	22.4	0.0142	0.0178	0.000714	4.73	0.0251	3.31	0.00000462	0.00498	0.000938	0.00461	0.00653	0.000344	3.66	0.00000251	0.0000522	0.0000608	0.000266	0.0137	0.00000261	0.746	0.000709	1.01	0.00631	0.0000997	0.621	0.000722	0.00121	0.000027	0.0000663	0.0000357	0.0197	0.00000465	0.0000514	0.000249	0.00141
2056 Sep	24.8	0.0267	0.0289	0.000861	5.06	0.0243	3.93	0.00000422	0.00472	0.00146	0.0042	0.00666	0.000597	3.99	0.00000246	0.0000527	0.000067	0.000273	0.0134	0.00000263	0.785	0.000855	1.07	0.00987	0.000143	0.634	0.000861	0.00131	0.0000275	0.0000772	0.000047	0.0225	0.00000427	0.000075	0.000242	0.00131
2056 Oct	29.1	0.0332	0.0429	0.00105	6.26	0.0268	4.59	0.00000382	0.00611	0.00211	0.00378	0.00744	0.000901	4.63	0.00000389	0.000054	0.0000935	0.000331	0.0133	0.00000269	0.924	0.00104	1.19	0.0144	0.000203	0.674	0.0013	0.00145	0.000284	0.000103	0.0000528	0.0272	0.00000389	0.000105	0.000237	0.00157
2056 Nov	29.5	0.0432	0.0544	0.00121	6.2	0.0233	4.79	0.00000349	0.00584	0.00266	0.00344	0.00728	0.00117	4.71	0.00000259	0.0000554	0.0000842	0.0003	0.0143	0.00000275	0.916	0.0012	1.12	0.0184	0.000256	0.637	0.00144	0.00168	0.0000585	0.000105	0.0000613	0.0281	0.00000357	0.000132	0.000235	0.00118
2056 Dec	30.6	0.0458	0.0579	0.00126	6.47	0.0237	4.98	0.00000343	0.00594	0.00282	0.00338	0.00754	0.00124	4.88	0.00000263	0.0000561	0.0000868	0.000306	0.0149	0.00000278	0.949	0.00125	1.15	0.0196	0.000271	0.652	0.00154	0.00165	0.0000633	0.000108	0.0000637	0.0293	0.00000352	0.00014	0.000235	0.00117
2057 Jan	31.1	0.0471	0.0598	0.00129	6.6	0.0238	5.06	0.00000341	0.00607	0.00291	0.00336	0.00761	0.00129	4.96	0.00000266	0.0000567	0.0000884	0.00031	0.0152	0.00000281	0.962	0.00128	1.16	0.0202	0.00028	0.656	0.00158	0.00167	0.000066	0.000111	0.0000652	0.0299	0.00000351	0.000144	0.000237	0.00117
2057 Feb	31.6	0.0484	0.0617	0.00132	6.73	0.0238	5.15	0.00000339	0.0062	0.003	0.00334	0.00767	0.00133	5.03	0.00000268	0.0000572	0.0000899	0.000313	0.0155	0.00000284	0.974	0.00131	1.17	0.0209	0.000288	0.658	0.00162	0.00169	0.0000679	0.000113	0.0000667	0.0305	0.00000348	0.000148	0.000238	0.00117
2057 Mar	32.1	0.0497	0.0634	0.00135	6.85	0.024	5.24	0.00000337	0.00628	0.00308	0.00332	0.00778	0.00137	5.12	0.0000027	0.0000576	0.0000913	0.000316	0.0158	0.00000286	0.989	0.00134	1.19	0.0215	0.000296	0.665	0.00166	0.00172	0.0000695	0.000115	0.000068	0.0311	0.00000347	0.000152	0.000239	0.00117

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	27.8	0.0331	0.0402	0.00103	4.81	0.0279	4.69	0.00000401	0.00447	0.002	0.00398	0.00735	0.000854	4.3	0.00000264	0.000055	0.0000758	0.000292	0.0117	0.00000273	0.906	0.00102	1.14	0.0135	0.000193	0.695	0.0013	0.00157	0.0000527	0.0000906	0.0000518	0.024	0.00000407	0.0001	0.000244	0.0013
2057 May	23.9	0.00942	0.00384	0.000519	3.73	0.0299	3.67	0.00000497	0.00239	0.000283	0.00497	0.00796	0.0000401	3.58	0.00000251	0.0000502	0.0000509	0.000252	0.00524	0.00000251	0.805	0.000519	1.25	0.00108	0.000031	0.791	0.000712	0.00102	0.000026	0.0000515	0.000026	0.0174	0.00000497	0.0000185	0.00025	0.00149
2057 Jun	29.9	0.02	0.0192	0.000699	6.34	0.033	4.4	0.0000045	0.00253	0.000956	0.00448	0.0095	0.000342	4.71	0.00000246	0.0000508	0.0000814	0.00026	0.00734	0.00000253	1.01	0.000696	1.47	0.0056	0.0000905	0.875	0.000948	0.00201	0.0000283	0.0000644	0.000035	0.0254	0.00000452	0.0000476	0.000242	0.00138
2057 Jul	19.5	0.00651	0.00771	0.000572	3.99	0.025	2.79	0.00000486	0.00493	0.000446	0.00486	0.00657	0.000123	3.23	0.0000025	0.0000506	0.0000904	0.000255	0.0141	0.00000253	0.655	0.00057	1.03	0.00411	0.0000475	0.614	0.000756	0.00107	0.0000258	0.0000552	0.0000286	0.0162	0.00000487	0.0000277	0.000249	0.00147
2057 Aug	21.9	0.0126	0.0156	0.000683	4.62	0.0251	3.22	0.00000467	0.00489	0.000812	0.00466	0.00646	0.000295	3.59	0.00000251	0.0000517	0.0000593	0.000263	0.0136	0.00000258	0.731	0.000679	1	0.00562	0.0000888	0.618	0.000673	0.00119	0.0000268	0.0000632	0.0000341	0.0192	0.00000469	0.0000455	0.000248	0.00142
2057 Sep	24.7	0.0263	0.0282	0.000849	5.04	0.0244	3.9	0.00000424	0.0046	0.00138	0.00422	0.00666	0.000578	3.97	0.00000245	0.0000522	0.0000668	0.00027	0.0133	0.0000026	0.78	0.000844	1.08	0.00966	0.000137	0.637	0.000838	0.00131	0.0000275	0.0000749	0.0000464	0.0224	0.00000427	0.0000713	0.00024	0.00131
2057 Oct	29.1	0.0328	0.0421	0.00103	6.23	0.0267	4.56	0.00000381	0.00595	0.00201	0.00378	0.00743	0.00088	4.61	0.00000389	0.000053	0.0000934	0.000328	0.0131	0.00000263	0.916	0.00102	1.19	0.0142	0.000195	0.675	0.00127	0.00145	0.000287	0.0000995	0.0000518	0.0271	0.00000386	0.000101	0.000234	0.00157
2057 Nov	29.4	0.043	0.0538	0.0012	6.17	0.0231	4.74	0.00000346	0.00563	0.00254	0.00342	0.00724	0.00115	4.68	0.00000256	0.0000541	0.0000839	0.000295	0.0141	0.00000268	0.905	0.00119	1.12	0.0183	0.000248	0.636	0.00141	0.00168	0.0000577	0.000101	0.0000602	0.028	0.00000353	0.000127	0.000229	0.00116
2057 Dec	30.5	0.0454	0.0571	0.00124	6.43	0.0235	4.92	0.0000034	0.00573	0.00269	0.00336	0.00749	0.00122	4.85	0.0000026	0.0000547	0.0000864	0.0003	0.0147	0.00000271	0.936	0.00124	1.15	0.0194	0.000262	0.651	0.00151	0.00164	0.0000625	0.000104	0.0000626	0.0292	0.00000347	0.000134	0.00023	0.00115
2058 Jan	30.9	0.0467	0.059	0.00127	6.56	0.0235	5	0.00000339	0.00585	0.00277	0.00334	0.00756	0.00127	4.92	0.00000262	0.0000552	0.000088	0.000303	0.015	0.00000273	0.948	0.00126	1.16	0.02	0.00027	0.654	0.00155	0.00166	0.0000652	0.000106	0.000064	0.0297	0.00000346	0.000138	0.000231	0.00115
2058 Feb	31.4	0.048	0.0608	0.0013	6.68	0.0236	5.08	0.00000336	0.00597	0.00286	0.00331	0.00762	0.00131	4.99	0.00000264	0.0000557	0.0000894	0.000307	0.0153	0.00000275	0.959	0.00129	1.16	0.0207	0.000278	0.656	0.00158	0.00168	0.0000671	0.000108	0.0000654	0.0303	0.00000343	0.000142	0.000232	0.00115
2058 Mar	31.9	0.0493	0.0625	0.00133	6.81	0.0237	5.17	0.00000334	0.00604	0.00293	0.00329	0.00773	0.00134	5.07	0.00000266	0.0000561	0.0000907	0.00031	0.0156	0.00000277	0.974	0.00132	1.18	0.0213	0.000285	0.663	0.00163	0.00171	0.0000686	0.00011	0.0000667	0.0309	0.00000341	0.000146	0.000233	0.00115
2058 Apr	27.7	0.0328	0.0397	0.00102	4.78	0.0277	4.65	0.00000399	0.00432	0.00191	0.00396	0.00732	0.000839	4.28	0.00000261	0.000054	0.0000755	0.000288	0.0116	0.00000268	0.896	0.00101	1.14	0.0134	0.000187	0.694	0.00127	0.00156	0.0000522	0.0000877	0.000051	0.0239	0.00000404	0.0000964	0.00024	0.00129
2058 May	23.9	0.00949	0.00394	0.00052	3.74	0.0299	3.67	0.00000496	0.00239	0.000285	0.00496	0.00796	0.0000421	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00526	0.00000251	0.805	0.00052	1.25	0.00111	0.0000313	0.791	0.000713	0.00102	0.000026	0.0000515	0.000026	0.0174	0.00000497	0.0000186	0.00025	0.00149
2058 Jun	30	0.0206	0.0199	0.000709	6.36	0.0329	4.42	0.00000448	0.0026	0.000962	0.00447	0.00949	0.000358	4.72	0.00000246	0.000051	0.0000817	0.000261	0.00748	0.00000254	1.01	0.000707	1.46	0.00589	0.0000932	0.873	0.000956	0.00201	0.0000285	0.0000652	0.0000356	0.0256	0.00000451	0.0000496	0.000242	0.00138
2058 Jul	19.7	0.00696	0.00826	0.00058	4.02	0.0251	2.82	0.00000486	0.00497	0.000461	0.00485	0.00659	0.000135	3.25	0.0000025	0.0000508	0.0000905	0.000256	0.0141	0.00000254	0.66	0.000579	1.03	0.0043	0.0000501	0.615	0.000765	0.00108	0.0000259	0.0000561	0.0000291	0.0164	0.00000487	0.0000295	0.000249	0.00147
2058 Aug	22.1	0.0133	0.0164	0.000693	4.67	0.0251	3.25	0.00000466	0.00498	0.000825	0.00465	0.00649	0.000313	3.62	0.00000252	0.0000522	0.00006	0.000266	0.0136	0.00000261	0.74	0.000693	1	0.00594	0.0000928	0.619	0.000687	0.0012	0.000027	0.0000651	0.000035	0.0194	0.00000468	0.0000491	0.000249	0.00142
2058 Sep	24.8	0.0265	0.0283	0.000849	5.06	0.0245	3.92	0.00000425	0.00479	0.00134	0.00422	0.0067	0.000582	3.99	0.00000247	0.0000531	0.0000672	0.000274	0.0134	0.00000266	0.791	0.000853	1.08	0.00983	0.00014	0.637	0.00084	0.00132	0.0000278	0.0000777	0.0000472	0.0225	0.0000043	0.0000763	0.000244	0.00132
2058 Oct	29.1	0.033	0.0421	0.00103	6.26	0.027	4.57	0.00000384	0.00625	0.00194	0.0038	0.00748	0.000879	4.62	0.00000392	0.0000546	0.0000937	0.000334	0.0132	0.00000273	0.931	0.00103	1.19	0.0144	0.000198	0.675	0.00127	0.00145	0.000286	0.000104	0.000053	0.0272	0.00000392	0.000108	0.000239	0.00159
2058 Nov	29.5	0.043	0.0534	0.00119	6.2	0.0235	4.75	0.0000035	0.00603	0.00244	0.00345	0.00731	0.00114	4.69	0.00000261	0.0000561	0.0000843	0.000303	0.0142	0.00000282	0.925	0.0012	1.12	0.0184	0.000251	0.636	0.0014	0.00168	0.0000585	0.000106	0.0000617	0.028	0.00000361	0.000136	0.000237	0.00119
2058 Dec	30.5	0.0454	0.0567	0.00123	6.46	0.0239	4.93	0.00000345	0.00615	0.00258	0.00339	0.00756	0.00121	4.86	0.00000265	0.0000569	0.0000868	0.000308	0.0148	0.00000285	0.958	0.00124	1.15	0.0195	0.000265	0.651	0.0015	0.00165	0.0000633	0.00011	0.0000642	0.0292	0.00000356	0.000144	0.000238	0.00118
2059 Jan	31	0.0467	0.0585	0.00126	6.58	0.024	5.02	0.00000343	0.00629	0.00266	0.00337	0.00763	0.00126	4.93	0.00000268	0.0000575	0.0000884	0.000312	0.0151	0.00000289	0.971	0.00127	1.15	0.0202	0.000274	0.654	0.00153	0.00167	0.000066	0.000113	0.0000657	0.0298	0.00000355	0.000149	0.000239	0.00119
2059 Feb	31.4	0.048	0.0603	0.00129	6.7	0.024	5.1	0.00000341	0.00642	0.00274	0.00335	0.00769	0.0013	5	0.0000027	0.000058	0.0000899	0.000316	0.0154	0.00000291	0.983	0.0013	1.16	0.0208	0.000282	0.656	0.00157	0.00169	0.000068	0.000115	0.0000671	0.0303	0.00000353	0.000153	0.00024	0.00118
2059 Mar	31.9	0.0492	0.062	0.00131	6.83	0.0242	5.18	0.00000339	0.00651	0.00281	0.00333	0.0078	0.00133	5.08	0.00000272	0.0000585	0.0000912	0.000319	0.0157	0.00000294	0.998	0.00133	1.17	0.0214	0.000289	0.662	0.00161	0.00171	0.0000695	0.000117	0.0000684	0.0309	0.00000351	0.000157	0.000241	0.00118
2059 Apr	27.6	0.0323	0.0387	0.000998	4.73	0.0281	4.64	0.00000404	0.00456	0.00181	0.004	0.00735	0.000817	4.26	0.00000264	0.0000554	0.0000753	0.000293	0.0115	0.00000278	0.909	0.00101	1.13	0.0133	0.000186	0.694	0.00125	0.00156	0.0000523	0.0000911	0.0000516	0.0237	0.00000411	0.000102	0.000246	0.00131
2059 May	23.9	0.00936	0.00375	0.000517	3.73	0.0299	3.67	0.00000497	0.00239	0.000275	0.00497	0.00796	0.0000379	3.57	0.00000251	0.0000502	0.0000509	0.000252	0.00523	0.00000251	0.805	0.000518	1.25	0.00105	0.0000306	0.791	0.00071	0.00102	0.0000259	0.0000514	0.0000259	0.0174	0.00000497	0.0000185	0.00025	0.00149
2059 Jun	29.9	0.0202	0.0194	0.000698	6.34	0.0329	4.39	0.00000449	0.00262	0.000911	0.00447	0.00949	0.000344	4.7	0.00000246	0.000051	0.0000814	0.000261	0.0074	0.00000255	1.01	0.0007	1.46	0.00574	0.0000911	0.872	0.000943	0.002	0.0000285	0.0000654	0.0000354	0.0254	0.00000452	0.00005	0.000242	0.00138
2059 Jul	19.8	0.00753	0.00896	0.000588	4.06	0.025	2.85	0.00000483	0.00498	0.000481	0.00483	0.00661	0.000149	3.28	0.0000025	0.0000509	0.0000905	0.000257	0.0141	0.00000254	0.665	0.000588	1.03	0.00453	0.0000528	0.616	0.000774	0.00109	0.000026	0.0000568	0.0000296	0.0166	0.00000484	0.0000312	0.000249	0.00146
2059 Aug	22.1	0.0133	0.0164	0.00069	4.67	0.0251	3.25	0.00000465	0.00496	0.0008	0.00463	0.00649	0.000311	3.61	0.00000251	0.000052	0.00006	0.000265	0.0136	0.0000026	0.739	0.000691	1	0.00595	0.0000918	0.619	0.000683	0.0012	0.0000269	0.0000646	0.0000349	0.0194	0.00000467	0.0000488	0.000248	0.00142
2059 Sep	24.7	0.0263	0.028	0.000841	5.04	0.0244	3.89	0.00000424	0.0047	0.00128	0.00422	0.00667	0.00057	3.97	0.00000246	0.0000525	0.0000669	0.000272	0.0133	0.00000262	0.784	0.000845	1.07	0.00974	0.000135	0.636	0.000824	0.00131	0.0000277	0.0000757	0.0000467	0.0224	0.00000428	0.0000737	0.000241	0.00132
2059 Oct	29	0.0329	0.0418	0.00102	6.24	0.0268	4.54	0.00000382	0.00609	0.00186	0.00378	0.00744	0.000866	4.6	0.00000389	0.0000535	0.0000934	0.000329	0.0131	0.00000268	0.921	0.00102	1.19	0.0143	0.000193	0.673	0.00125	0.00145	0.000284	0.000101	0.0000523	0.0271	0.00000388	0.000104	0.000235	0.00157
2059 Nov	29.4	0.0427	0.0529	0.00117	6.17	0.0232	4.71	0.00000348	0.0058	0.00233	0.00343	0.00725	0.00113	4.66	0.00000257	0.0000547	0.0000839	0.000297	0.0141	0.00000273	0.911	0.00118	1.11	0.0183	0.000243	0.634	0.00138	0.00168	0.0000577	0.000102	0.0000607	0.0279	0.00000355	0.00013	0.000231	0.00117
2059 Dec	30.4	0.0452	0.0562	0.00122	6.42	0.0236	4.88	0.00000342	0.00591	0.00247	0.00337	0.00751	0.00119	4.83	0.00000261	0.0000553	0.0000863	0.000302	0.0147	0.00000277	0.943	0.00123	1.14	0.0194	0.000257	0.649	0.00147	0.00164	0.0000625	0.000105	0.000063	0.0291	0.0000035	0.000138	0.000232	0.00116
2060 Jan	30.8	0.0465	0.058	0.00125	6.55	0.0237	4.97	0.0000034	0.00603	0.00254	0.00335	0.00757	0.00124	4.9	0.00000264	0.0000559	0.0000879	0.000306	0.015	0.00000279	0.955	0.00126	1.15	0.0201	0.000265	0.652	0.0015	0.00166	0.0000651	0.000108	0.0000645	0.0296	0.00000349	0.000142	0.000233	0.00116
2060 Feb	31.3	0.0478	0.0598	0.00128	6.67	0.0237	5.05	0.00000337	0.00616	0.00262	0.00332	0.00763	0.00128	4.97	0.00000266	0.0000563	0.0000894	0.000309	0.0153	0.00000282	0.966	0.00129	1.15	0.0207	0.000273	0.654	0.00154	0.00168	0.0000671	0.00011	0.0000659	0.0302	0.00000346	0.000146	0.000234	0.00116
2060 Mar	31.8	0.049	0.0615	0.0013	6.8	0.0239	5.13	0.00000335	0.00624	0.00269	0.0033	0.00774	0.00131	5.05	0.00000268	0.0000567	0.0000907	0.000312	0.0156	0.00000284	0.981	0.00131	1.17	0.0213	0.00028	0.66	0.00158	0.0017	0.0000686	0.000112	0.0000672	0.0308	0.00000344	0.00015	0.000235	0.00116
2060 Apr	27.5	0.0321	0.0384	0.000989	4.71	0.0279	4.61	0.00000402	0.00439	0.00173	0.00399	0.00731	0.000805	4.24	0.00000262	0.0000543	0.000075	0.000289	0.0115	0.00000272	0.898	0.000997	1.13	0.0132	0.00018	0.693	0.00124	0.00155	0.0000517	0.0000879	0.0000508	0.0236	0.00000407	0.0000976	0.000242	0.0013
2060 May	23.9	0.00942	0.00383	0.000519	3.73	0.0299	3.67	0.00000497	0.00239	0.000276	0.00497	0.00796	0.0000396	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00524	0.00000251	0.805	0.000519	1.25	0.00108	0.0000308	0.791	0.000711	0.00102	0.000026	0.0000514	0.000026	0.0174	0.00000497	0.0000186	0.00025	0.00149
2060 Jun	29.9	0.0202	0.0192	0.000695	6.33	0.0329	4.39	0.00000448	0.00256	0.000881	0.00447	0.00948	0.000338	4.7	0.00000246	0.0000507	0.0000814	0.000259	0.00737	0.00000253	1.01	0.000697	1.46	0.00572	0.0000888	0.873	0.000936	0.002	0.0000284	0.0000641	0.0000352	0.0254	0.00000451	0.0000482	0.000241	0.00137
2060 Jul	19.7	0.0072	0.00852	0.000582	4.04	0.025	2.83	0.00000484	0.00495	0.000453	0.00484	0.00659	0.000139	3.26	0.0000025	0.0000507	0.0000904	0.000256	0.0141	0.00000253	0.661	0.000582	1.03	0.0044	0.0000503	0.615	0.000765	0.00109	0.0000259	0.0000559	0.0000292	0.0164	0.00000485	0.0000297	0.000249	0.00146
2060 Aug	22.2	0.0136	0.0167	0.000693	4.68	0.025	3.26	0.00000463	0.00492	0.000791	0.00462	0.00649	0.000315	3.62	0.0000025	0.0000517	0.0000602	0.000264	0.0136	0.00000258	0.738	0.000695	1	0.00609	0.0000917	0.619	0.000686	0.0012	0.000027	0.0000641	0.000035	0.0195	0.00000465	0.0000484	0.000247	0.00141
2060 Sep	24.7	0.0263	0.0279	0.000837	5.03	0.0243	3.88	0.00000423	0.00464	0.00124	0.0042	0.00665	0.000565	3.96	0.00000245	0.000052	0.0000668	0.00027	0.0133	0.0000026	0.779	0.000842	1.07	0.00978	0.000133	0.634	0.000816	0.00131	0.0000276	0.0000744	0.0000465	0.0224	0.00000426	0.0000721	0.000239	0.00131
2060 Oct	29	0.0327	0.0414	0.00101	6.22	0.0267	4.52	0.00000381	0.00603	0.00179	0.00378	0.00741	0.000852	4.59	0.0000039	0.000053	0.0000933	0.000327	0.0131	0.00000265	0.916	0.00102	1.18	0.0143	0.000189	0.672	0.00123	0.00144	0.000287	0.0000991	0.000052	0.027	0.00000386	0.000102	0.000233	0.00157
2060 Nov	29.3	0.0427	0.0527	0.00117	6.15	0.0231	4.69	0.00000347	0.00575	0.00224	0.00342	0.00723	0.00111	4.65	0.00000257	0.0000542	0.0000837	0.000295	0.0141	0.00000271	0.906	0.00118	1.11	0.0184	0.000239	0.633	0.00136	0.00167	0.0000576	0.0001	0.0000604	0.0279	0.00000354	0.000128	0.000229	0.00116
2060 Dec	30.4	0.0452	0.056	0.00121	6.41	0.0235	4.86	0.00000341	0.00585	0.00237	0.00336	0.00748	0.00118	4.81	0.0000026	0.0000548	0.0000862	0.0003	0.0146	0.00000274	0.938	0.00123	1.14	0.0195	0.000252	0.648	0.00145	0.00163	0.0000624	0.000104	0.0000628	0.029	0.00000348	0.000136	0.00023	0.00116
2061 Jan	30.8	0.0465	0.0578	0.00124	6.54	0.0236	4.95	0.00000339	0.00598	0.00245	0.00334	0.00755	0.00122	4.89	0.00000263	0.0000554	0.0000878	0.000304	0.015	0.00000277	0.951	0.00125	1.14	0.0201	0.00026	0.651	0.00149	0.00165	0.000065	0.000106	0.0000643	0.0296	0.00000347	0.00014	0.000231	0.00116
2061 Feb	31.3	0.0478	0.0595	0.00127	6.66	0.0236	5.02	0.00000337	0.00611	0.00252	0.00331	0.00761	0.00126	4.96	0.00000265	0.0000558	0.0000893	0.000307	0.0153	0.00000279	0.962	0.00128	1.15	0.0208	0.000268	0.653	0.00152	0.00167	0.000067	0.000108	0.0000657	0.0302	0.00000344	0.000145	0.000232	0.00115
2061 Mar	31.8	0.049	0.0612	0.00129	6.79	0.0238	5.11	0.00000334	0.00619	0.00259	0.00329	0.00772	0.0013	5.04	0.00000267	0.0000562	0.0000906	0.00031	0.0156	0.00000281	0.977	0.00131	1.16	0.0213	0.000275	0.659	0.00156	0.0017	0.0000685	0.00011	0.000067	0.0307	0.00000343	0.000148	0.000232	0.00115
2061 Apr	27.6	0.0324	0.0385	0.000988	4.73	0.0278	4.6	0.000004	0.00438	0.00168	0.00397	0.0073	0.000802	4.24	0.00000262	0.0000541	0.0000752	0.000288	0.0115	0.0000027	0.897	0.000999	1.13	0.0133	0.000179	0.692	0.00123	0.00155	0.0000519	0.0000872	0.0000509	0.0237	0.00000405	0.0000973	0.00024	0.00129
2061 May	23.9	0.0096	0.00408	0.000522	3.75	0.0299	3.67	0.00000496	0.00241	0.000284	0.00496	0.00796	0.0000448	3.58	0.00000251	0.0000502	0.0000511	0.000252	0.00529	0.00000251	0.806	0.000522	1.25	0.00118	0.0000318	0.79	0.000714	0.00102	0.0000262	0.0000517	0.0000262	0.0174	0.00000496	0.0000191	0.00025	0.00149
2061 Jun	29.9	0.0203	0.0193	0.000694	6.33	0.0328	4.39	0.00000448	0.00262	0.000863	0.00446	0.00947	0.000339	4.7	0.00000246	0.0000509	0.0000814	0.00026	0.00741	0.00000255	1.01	0.000699	1.46	0.00582	0.0000896	0.871	0.000935	0.002	0.0000283	0.0000649	0.0000355	0.0254	0.00000451	0.0000498	0.000241	0.00137
2061 Jul	20	0.00794	0.00941	0.000593	4.09	0.025	2.87	0.00000482	0.00499	0.000479	0.00481	0.00662	0.000157	3.29	0.0000025	0.0000509	0.0000904	0.000257	0.0141	0.00000255	0.668	0.000595	1.03	0.00471	0.0000544	0.617	0.000778	0.0011	0.0000261	0.0000572	0.00003	0.0167	0.00000483	0.0000324	0.000249	0.00146
2061 Aug	22.1	0.0133	0.0162	0.000685	4.67	0.0251	3.24	0.00000464	0.00497	0.000754	0.00463	0.00649	0.000304	3.61	0.00000251	0.0000519	0.00006	0.000264	0.0136	0.0000026	0.739	0.00069	0.999	0.00599	0.0000904	0.618	0.000676	0.0012	0.000027	0.0000644	0.000035	0.0194	0.00000467	0.000049	0.000248	0.00142
2061 Sep	24.5	0.0258	0.0269	0.000821	5	0.0244	3.85	0.00000425	0.0047	0.00117	0.00423	0.00664	0.000541	3.94	0.00000246	0.0000524	0.0000664	0.000271	0.0133	0.00000263	0.78	0.000832	1.06	0.00955	0.00013	0.633	0.000794	0.0013	0.0000276	0.0000749	0.0000464	0.0222	0.00000429	0.0000727	0.000241	0.00132
2061 Oct	28.8	0.0323	0.0407	0.000992	6.19	0.0267	4.49	0.00000382	0.00613	0.0017	0.00378	0.0074	0.000831	4.57	0.0000039	0.0000534	0.0000931	0.000328	0.013	0.00000268	0.919	0.00101	1.18	0.0142	0.000187	0.67	0.00121	0.00144	0.000286	0.0001	0.0000521	0.0269	0.00000388	0.000104	0.000235	0.00157
2061 Nov	29.1	0.0422	0.0516	0.00114	6.11	0.0232	4.65	0.00000347	0.00586	0.00213	0.00342	0.00721	0.00108	4.62	0.00000257	0.0000546	0.0000833	0.000296	0.014	0.00000275	0.908	0.00117	1.1	0.0182	0.000236	0.63	0.00133	0.00166	0.0000571	0.000101	0.0000605	0.0276	0.00000356	0.000131	0.000231	0.00117
2061 Dec	30.1	0.0446	0.0548	0.00119	6.37	0.0236	4.82	0.00000342	0.00597	0.00225	0.00336	0.00746	0.00115	4.78	0.00000261	0.0000552	0.0000858	0.000301	0.0145	0.00000278	0.94	0.00121	1.13	0.0193	0.000249	0.644	0.00142	0.00162	0.0000618	0.000105	0.0000628	0.0288	0.0000035	0.000138	0.000231	0.00116
2062 Jan	30.6	0.0459	0.0566	0.00121	6.49	0.0236	4.9	0.0000034	0.0061	0.00232	0.00334	0.00753	0.00119	4.85	0.00000263	0.0000558	0.0000873	0.000305	0.0149	0.00000281	0.952	0.00124	1.13	0.0199	0.000257	0.647	0.00146	0.00164	0.0000645	0.000107	0.0000643	0.0293	0.00000349	0.000143	0.000232	0.00116
2062 Feb	31	0.0471	0.0584	0.00124	6.61	0.0237	4.98	0.00000337	0.00623	0.00239	0.00332	0.00759	0.00123	4.92	0.00000266	0.0000562	0.0000888	0.000308	0.0152	0.00000283	0.963	0.00127	1.14	0.0206	0.000264	0.649	0.00149	0.00166	0.0000664	0.000109	0.0000657	0.0299	0.00000347	0.000147	0.000233	0.00116
2062 Mar	31.5	0.0483	0.06	0.00126	6.74	0.0238	5.06	0.00000335	0.00631	0.00246	0.00329	0.00769	0.00126	5	0.00000267	0.0000566	0.0000901	0.000311	0.0155	0.00000285	0.978	0.00129	1.15	0.0211	0.000271	0.655	0.00153	0.00169	0.0000679	0.000111	0.000067	0.0304	0.00000345	0.000151	0.000234	0.00116
2062 Apr	27.4	0.032	0.0378	0.000971	4.7	0.0278	4.57	0.00000401	0.00446	0.0016	0.00397	0.00729	0.00078	4.22	0.00000262	0.0000543	0.0000749	0.000289	0.0114	0.00000273	0.898	0.00099	1.12	0.0132	0.000176	0.689	0.00121	0.00155	0.0000516	0.0000878	0.0000509	0.0235	0.00000407	0.0000987	0.000241	0.0013
2062 May	23.9	0.00935	0.00371	0.000516	3.73	0.0299	3.66	0.00000497	0.00239	0.000267	0.00497	0.00796	0.0000365	3.57	0.00000251	0.0000502	0.0000509	0.000251	0.00522	0.00000251	0.804	0.000517	1.25	0.00105	0.0000302	0.791	0.000708	0.00102	0.0000259	0.0000513	0.0000259	0.0173	0.00000497	0.0000184	0.00025	0.00149
2062 Jun	30	0.0208	0.0201	0.000704	6.35	0.0326	4.39	0.00000445	0.00264	0.000869	0.00444	0.00944	0.000352	4.7	0.00000245	0.0000507	0.0000816	0.00026	0.00754	0.00000253	1.01	0.000709	1.45	0.00613	0.0000915	0.867	0.000942	0.002	0.0000286	0.0000648	0.0000359	0.0255	0.00000447	0.0000505	0.00024	0.00136
2062 Jul	19.8	0.00729	0.00857	0.000582	4.04	0.025	2.83	0.00000484	0.00496	0.000438	0.00484	0.0066	0.000138	3.26	0.0000025	0.0000507	0.0000905	0.000256	0.0141	0.00000254	0.662	0.000583	1.03	0.00446	0.0000502	0.616	0.000764	0.00109	0.0000259	0.000056	0.0000293	0.0165	0.00000485	0.00003	0.000249	0.00146
2062 Aug	22	0.0129	0.0157	0.000678	4.64	0.025	3.22	0.00000466	0.00495	0.000716	0.00465	0.00647	0.000291	3.6	0.00000251	0.0000518	0.0000597	0.000264	0.0136	0.00000259	0.735	0.000683	0.996	0.00586	0.0000875	0.617	0.000663	0.00119	0.0000269	0.0000635	0.0000346	0.0193	0.00000468	0.0000473	0.000248	0.00142
2062 Sep	24.7	0.0262	0.0274	0.000825	5.03	0.0245	3.87	0.00000425	0.0048	0.00115	0.00422	0.00666	0.000547	3.96	0.00000247	0.0000527	0.0000669	0.000273	0.0134	0.00000265	0.786	0.000841	1.07	0.0098	0.000132	0.634	0.000801	0.00131	0.0000278	0.0000761	0.000047	0.0224	0.0000043	0.0000753	0.000242	0.00132
2062 Oct	29	0.0327	0.0409	0.000991	6.22	0.0269	4.51	0.00000383	0.00635	0.00166	0.00379	0.00744	0.000831	4.59	0.00000391	0.0000545	0.0000935	0.000333	0.0132	0.00000275	0.93	0.00102	1.17	0.0144	0.00019	0.67	0.00122	0.00144	0.000284	0.000103	0.0000532	0.027	0.00000392	0.00011	0.000238	0.00158
2062 Nov	29.2	0.0423	0.0515	0.00114	6.14	0.0235	4.67	0.00000351	0.00618	0.00206	0.00345	0.00727	0.00107	4.63	0.00000261	0.0000562	0.0000839	0.000302	0.0141	0.00000285	0.925	0.00118	1.1	0.0184	0.000239	0.63	0.00133	0.00167	0.0000579	0.000106	0.0000618	0.0277	0.00000362	0.000138	0.000236	0.00119
2062 Dec	30.3	0.0447	0.0547	0.00118	6.4	0.0239	4.84	0.00000345	0.00633	0.00218	0.00339	0.00753	0.00114	4.8	0.00000265	0.000057	0.0000864	0.000308	0.0147	0.0000029	0.959	0.00122	1.13	0.0195	0.000253	0.645	0.00142	0.00163	0.0000627	0.00011	0.0000643	0.0289	0.00000357	0.000147	0.000238	0.00119
2063 Jan	30.7	0.046	0.0564	0.00121	6.52	0.024	4.93	0.00000344	0.00648	0.00224	0.00337	0.0076	0.00118	4.87	0.00000268	0.0000577	0.0000879	0.000312	0.015	0.00000293	0.972	0.00125	1.13	0.0201	0.000261	0.648	0.00145	0.00165	0.0000653	0.000112	0.0000658	0.0294	0.00000356	0.000152	0.000239	0.00119
2063 Feb	31.1	0.0472	0.0581	0.00123	6.65	0.0241	5	0.00000341	0.00663	0.00231	0.00335	0.00766	0.00122	4.94	0.0000027	0.0000582	0.0000894	0.000316	0.0153	0.00000296	0.984	0.00128	1.14	0.0208	0.000268	0.65	0.00149	0.00167	0.0000672	0.000115	0.0000673	0.03	0.00000354	0.000156	0.00024	0.00119
2063 Mar	31.6	0.0484	0.0597	0.00125	6.77	0.0242	5.09	0.0000034	0.00672	0.00237	0.00333	0.00777	0.00125	5.02	0.00000272	0.0000587	0.0000907	0.000319	0.0156	0.00000299	1	0.0013	1.15	0.0213	0.000275	0.656	0.00153	0.0017	0.0000687	0.000117	0.0000686	0.0305	0.00000353	0.000161	0.000241	0.00119
2063 Apr	27.1	0.0306	0.0357	0.00094	4.55	0.0284	4.54	0.00000409	0.00454	0.00148	0.00405	0.0073	0.000731	4.16	0.00000264	0.0000553	0.0000739	0.000291	0.0112	0.0000028	0.903	0.000969	1.12	0.0126	0.000171	0.692	0.00118	0.00154	0.0000506	0.0000893	0.0000505	0.023	0.00000416	0.0001	0.000246	0.00132
2063 May	23.9	0.00952	0.00395	0.00052	3.74	0.0299	3.67	0.00000496	0.00241	0.000275	0.00496	0.00796	0.0000415	3.58	0.00000251	0.0000503	0.0000511	0.000252	0.00527	0.00000251	0.806	0.000521	1.25	0.00114	0.0000314	0.79	0.000712	0.00102	0.0000261	0.0000518	0.0000261	0.0174	0.00000497	0.0000192	0.00025	0.00149
2063 Jun	29.9	0.02	0.0188	0.000684	6.32	0.033	4.38	0.00000449	0.00275	0.000803	0.00447	0.00948	0.000323	4.69	0.00000247	0.0000515	0.0000813	0.000262	0.00739	0.00000259	1.02	0.000696	1.46	0.00577	0.0000892	0.87	0.000924	0.002	0.0000284	0.0000665	0.0000358	0.0253	0.00000453	0.0000527	0.000244	0.00138
2063 Jul	19.8	0.0073	0.00854	0.000579	4.05	0.0251	2.83	0.00000484	0.00503	0.000428	0.00483	0.00661	0.000136	3.26	0.00000251	0.000051	0.0000904	0.000257	0.0141	0.00000256	0.665	0.000584	1.03	0.00447	0.0000512	0.615	0.000763	0.00109	0.000026	0.0000571	0.0000296	0.0165	0.00000485	0.0000319	0.00025	0.00146
2063 Aug	22.2	0.0135	0.0164	0.000683	4.68	0.0251	3.25	0.00000464	0.00509	0.000721	0.00462	0.00651	0.000302	3.62	0.00000252	0.0000524	0.0000603	0.000267	0.0136	0.00000264	0.746	0.000694	0.999	0.00614	0.0000921	0.618	0.000676	0.0012	0.0000271	0.0000663	0.0000356	0.0195	0.00000467	0.0000526	0.000249	0.00142
2063 Sep	24.3	0.0253	0.0261	0.000802	4.96	0.0245	3.82	0.00000426	0.00485	0.00107	0.00423	0.00662	0.000515	3.91	0.00000247	0.0000529	0.000066	0.000272	0.0132	0.00000267	0.783	0.000823	1.06	0.00944	0.000128	0.63	0.000771	0.00129	0.0000276	0.0000764	0.0000465	0.022	0.00000432	0.0000757	0.000243	0.00133
2063 Oct	28.7	0.0317	0.0395	0.000965	6.15	0.0269	4.45	0.00000383	0.00634	0.00156	0.00379	0.00739	0.000793	4.53	0.00000392	0.0000542	0.0000927	0.000331	0.013	0.00000275	0.924	0.000999	1.17	0.0141	0.000184	0.666	0.00118	0.00142	0.000288	0.000102	0.0000524	0.0266	0.00000392	0.000108	0.000237	0.00159
2063 Nov	28.9	0.0415	0.0503	0.00111	6.07	0.0233	4.6	0.00000349	0.00612	0.00195	0.00343	0.0072	0.00104	4.58	0.00000259	0.0000556	0.0000829	0.000299	0.0139	0.00000283	0.915	0.00116	1.09	0.0181	0.000232	0.625	0.0013	0.00165	0.0000577	0.000104	0.0000609	0.0274	0.0000036	0.000136	0.000234	0.00118
2063 Dec	29.9	0.044	0.0535	0.00115	6.33	0.0237	4.78	0.00000344	0.00624	0.00206	0.00337	0.00746	0.0011	4.74	0.00000263	0.0000563	0.0000854	0.000304	0.0145	0.00000286	0.947	0.0012	1.11	0.0192	0.000245	0.64	0.00138	0.00162	0.0000625	0.000108	0.0000634	0.0285	0.00000355	0.000144	0.000235	0.00118
2064 Jan	30.4	0.0452	0.0552	0.00118	6.45	0.0238	4.86	0.00000342	0.00637	0.00212	0.00335	0.00752	0.00114	4.81	0.00000266	0.0000568	0.000087	0.000308	0.0148	0.00000289	0.96	0.00123	1.12	0.0198	0.000253	0.643	0.00142	0.00164	0.0000652	0.00011	0.0000648	0.0291	0.00000353	0.000148	0.000236	0.00118
2064 Feb	30.9	0.0465	0.057	0.00121	6.58	0.0238	4.94	0.00000339	0.00651	0.00219	0.00332	0.00758	0.00118	4.89	0.00000268	0.0000573	0.0000885	0.000311	0.0151	0.00000292	0.972	0.00126	1.13	0.0205	0.000261	0.644	0.00145	0.00165	0.0000672	0.000112	0.0000664	0.0297	0.00000351	0.000153	0.000237	0.00118
2064 Mar	31.3	0.0478	0.0586	0.00123	6.7	0.024	5.02	0.00000337	0.0066	0.00225	0.0033	0.00769	0.00121	4.96	0.0000027	0.0000577	0.0000898	0.000314	0.0154	0.00000294	0.986	0.00128	1.14	0.0211	0.000268	0.651	0.00149	0.00168	0.0000687	0.000114	0.0000676	0.0302	0.00000349	0.000157	0.000238	0.00117
2064 Apr	27.2	0.0312	0.0364	0.000943	4.63	0.028	4.53	0.00000404	0.00458	0.00145	0.004	0.00728	0.000738	4.18	0.00000263	0.0000549	0.0000743	0.00029	0.0113	0.00000278	0.901	0.000975	1.11	0.013	0.000172	0.688	0.00118	0.00154	0.0000516	0.000089	0.0000509	0.0232	0.00000411	0.000101	0.000244	0.00131
2064 May	23.9	0.00952	0.00394	0.000519	3.74	0.0299	3.67	0.00000496	0.00241	0.000272	0.00496	0.00796	0.000041	3.58	0.00000251	0.0000502	0.0000511	0.000252	0.00527	0.00000251	0.806	0.000521	1.25	0.00114	0.0000312	0.79	0.000711	0.00102	0.0000261	0.0000517	0.0000261	0.0174	0.00000497	0.0000191	0.00025	0.00149
2064 Jun	29.9	0.0203	0.0191	0.000686	6.34	0.0329	4.38	0.00000448	0.00275	0.000792	0.00446	0.00948	0.000325	4.69	0.00000247	0.0000514	0.0000815	0.000262	0.00744	0.00000258	1.02	0.000699	1.45	0.0059	0.0000893	0.869	0.000924	0.002	0.0000284	0.0000663	0.0000359	0.0254	0.00000452	0.0000527	0.000243	0.00138
2064 Jul	19.7	0.00722	0.00841	0.000577	4.04	0.0251	2.83	0.00000484	0.00502	0.000416	0.00484	0.0066	0.000132	3.26	0.00000251	0.000051	0.0000904	0.000257	0.0141	0.00000256	0.665	0.000582	1.03	0.00445	0.0000505	0.615	0.00076	0.00109	0.000026	0.0000569	0.0000295	0.0164	0.00000486	0.0000316	0.00025	0.00147
2064 Aug	22.1	0.0131	0.0158	0.000674	4.66	0.0251	3.23	0.00000465	0.00508	0.000683	0.00463	0.00649	0.000287	3.6	0.00000252	0.0000523	0.00006	0.000266	0.0136	0.00000263	0.742	0.000686	0.995	0.00599	0.0000894	0.616	0.000662	0.00119	0.000027	0.0000656	0.0000352	0.0193	0.00000468	0.0000514	0.000249	0.00142
2064 Sep	24.1	0.0246	0.0249	0.000783	4.89	0.0244	3.77	0.00000428	0.00481	0.000996	0.00425	0.00657	0.000485	3.86	0.00000247	0.0000527	0.0000652	0.000271	0.0131	0.00000266	0.775	0.000806	1.05	0.0091	0.000122	0.627	0.000741	0.00127	0.0000275	0.0000752	0.0000459	0.0217	0.00000434	0.0000733	0.000243	0.00133
2064 Oct	28.4	0.0308	0.0381	0.000941	6.11	0.027	4.4	0.00000386	0.00637	0.00146	0.00381	0.00734	0.000755	4.5	0.00000403	0.0000539	0.000093	0.000333	0.0128	0.00000274	0.918	0.000979	1.16	0.0137	0.000176	0.664	0.00115	0.0014	0.000307	0.000102	0.0000515	0.0264	0.00000394	0.000105	0.000237	0.00162
2064 Nov	28.9	0.0416	0.0501	0.0011	6.06	0.0233	4.59	0.00000348	0.00619	0.00187	0.00342	0.00717	0.00102	4.57	0.00000264	0.0000555	0.0000832	0.0003	0.0139	0.00000283	0.914	0.00115	1.08	0.0182	0.00023	0.622	0.00128	0.00164	0.0000674	0.000104	0.0000611	0.0274	0.00000358	0.000137	0.000233	0.00119
2064 Dec	29.9	0.0441	0.0534	0.00115	6.34	0.0237	4.77	0.00000342	0.00632	0.00199	0.00336	0.00743	0.00109	4.74	0.00000268	0.0000562	0.0000859	0.000306	0.0145	0.00000287	0.947	0.0012	1.11	0.0193	0.000244	0.637	0.00137	0.00161	0.0000726	0.000108	0.0000637	0.0286	0.00000353	0.000145	0.000234	0.00119
2065 Jan	30.5	0.0455	0.0553	0.00117	6.47	0.0238	4.86	0.0000034	0.00647	0.00205	0.00333	0.00751	0.00113	4.82	0.00000271	0.0000568	0.0000877	0.00031	0.0148	0.0000029	0.962	0.00123	1.12	0.0201	0.000252	0.64	0.00141	0.00163	0.0000754	0.000111	0.0000653	0.0292	0.00000352	0.00015	0.000235	0.00119
2065 Feb	30.9	0.0467	0.057	0.0012	6.59	0.0238	4.94	0.00000338	0.00661	0.00212	0.00331	0.00757	0.00117	4.89	0.00000274	0.0000573	0.0000891	0.000313	0.0152	0.00000293	0.973	0.00126	1.13	0.0207	0.000259	0.643	0.00144	0.00165	0.0000773	0.000113	0.0000667	0.0297	0.0000035	0.000154	0.000236	0.00119
2065 Mar	31.4	0.048	0.0586	0.00122	6.72	0.024	5.02	0.00000336	0.00669	0.00217	0.00329	0.00768	0.0012	4.97	0.00000276	0.0000578	0.0000905	0.000317	0.0154	0.00000295	0.989	0.00128	1.14	0.0213	0.000266	0.649	0.00148	0.00167	0.0000789	0.000115	0.0000681	0.0303	0.00000348	0.000158	0.000237	0.00119
2065 Apr	27.5	0.0321	0.0374	0.000953	4.74	0.0278	4.56	0.000004	0.00474	0.00145	0.00396	0.0073	0.000754	4.22	0.00000267	0.0000551	0.0000755	0.000293	0.0115	0.00000279	0.907	0.000991	1.11	0.0135	0.000176	0.685	0.00119	0.00154	0.0000585	0.0000907	0.000052	0.0236	0.00000408	0.000105	0.000243	0.00131
2065 May	23.9	0.00946	0.00384	0.000518	3.74	0.0299	3.67	0.00000497	0.00241	0.000267	0.00496	0.00796	0.0000387	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00525	0.00000251	0.805	0.000519	1.25	0.00111	0.0000308	0.79	0.00071	0.00102	0.0000262	0.0000516	0.0000261	0.0174	0.00000497	0.0000189	0.00025	0.00149
2065 Jun	29.8	0.0197	0.0183	0.000672	6.31	0.0329	4.35	0.00000449	0.00264	0.000744	0.00447	0.00947	0.000305	4.67	0.00000246	0.0000509	0.0000812	0.00026	0.00729	0.00000256	1.01	0.000685	1.45	0.00563	0.0000843	0.871	0.000908	0.002	0.0000286	0.0000644	0.0000351	0.0252	0.00000452	0.0000495	0.000241	0.00138
2065 Jul	19.6	0.00679	0.00783	0.000569	4.01	0.025	2.8	0.00000485	0.00497	0.000389	0.00484	0.00658	0.000119	3.24	0.0000025	0.0000507	0.0000903	0.000255	0.0141	0.00000254	0.659	0.000573	1.02	0.00427	0.0000473	0.614	0.000749	0.00108	0.0000259	0.0000557	0.000029	0.0163	0.00000486	0.0000294	0.000249	0.00147
2065 Aug	21.8	0.0122	0.0145	0.000656	4.59	0.025	3.17	0.00000467	0.00496	0.000624	0.00466	0.00643	0.000259	3.55	0.00000251	0.0000517	0.000059	0.000263	0.0135	0.0000026	0.73	0.000667	0.989	0.00557	0.0000825	0.614	0.000635	0.00118	0.0000269	0.000063	0.0000341	0.019	0.00000469	0.0000465	0.000248	0.00142
2065 Sep	24.2	0.0248	0.0251	0.000784	4.92	0.0244	3.77	0.00000427	0.00469	0.000973	0.00424	0.00659	0.000483	3.88	0.00000246	0.000052	0.0000656	0.000268	0.0131	0.00000262	0.772	0.000806	1.05	0.0092	0.00012	0.63	0.000742	0.00128	0.0000276	0.0000732	0.0000456	0.0218	0.00000431	0.0000706	0.00024	0.00132
2065 Oct	28.5	0.0313	0.0385	0.000943	6.12	0.0267	4.4	0.00000382	0.00615	0.00143	0.00378	0.00734	0.000757	4.5	0.00000393	0.0000528	0.0000926	0.000326	0.0128	0.00000267	0.91	0.000979	1.16	0.0139	0.000174	0.664	0.00115	0.00141	0.000293	0.0000982	0.0000512	0.0265	0.00000388	0.000102	0.000232	0.00158
2065 Nov	28.8	0.0414	0.0497	0.00109	6.05	0.023	4.55	0.00000345	0.0059	0.0018	0.0034	0.00715	0.001	4.55	0.00000256	0.000054	0.0000828	0.000293	0.0138	0.00000274	0.901	0.00114	1.08	0.0181	0.000223	0.622	0.00126	0.00164	0.0000589	0.0000992	0.00006	0.0273	0.00000353	0.00013	0.000228	0.00116
2065 Dec	29.9	0.044	0.053	0.00113	6.31	0.0234	4.73	0.00000339	0.00603	0.00191	0.00334	0.0074	0.00107	4.72	0.0000026	0.0000547	0.0000854	0.000298	0.0144	0.00000278	0.933	0.00119	1.11	0.0193	0.000236	0.637	0.00135	0.00161	0.0000639	0.000103	0.0000625	0.0285	0.00000348	0.000138	0.000228	0.00115
2066 Jan	30.4	0.0453	0.0548	0.00116	6.45	0.0235	4.82	0.00000337	0.00617	0.00197	0.00332	0.00748	0.00111	4.8	0.00000263	0.0000552	0.0000871	0.000302	0.0148	0.00000281	0.946	0.00122	1.12	0.02	0.000244	0.64	0.00139	0.00163	0.0000667	0.000105	0.0000641	0.0291	0.00000346	0.000143	0.000229	0.00115
2066 Feb	30.8	0.0465	0.0564	0.00119	6.56	0.0235	4.89	0.00000335	0.00631	0.00203	0.00329	0.00754	0.00114	4.86	0.00000266	0.0000557	0.0000886	0.000305	0.0151	0.00000283	0.958	0.00124	1.12	0.0206	0.000251	0.642	0.00142	0.00165	0.0000685	0.000107	0.0000655	0.0296	0.00000344	0.000147	0.00023	0.00115

Appendix C15: DS1

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	31.3	0.0478	0.058	0.00121	6.69	0.0237	4.97	0.00000333	0.00639	0.00208	0.00327	0.00764	0.00118	4.94	0.00000268	0.0000562	0.0000899	0.000308	0.0153	0.00000286	0.973	0.00127	1.13	0.0212	0.000258	0.648	0.00146	0.00167	0.00007	0.000109	0.0000668	0.0302	0.00000343	0.000151	0.000231	0.00115
2066 Apr	27.4	0.0321	0.0372	0.000947	4.74	0.0276	4.54	0.00000398	0.00457	0.00139	0.00394	0.00728	0.000743	4.21	0.00000262	0.0000541	0.0000752	0.000288	0.0115	0.00000274	0.897	0.000984	1.11	0.0135	0.000171	0.685	0.00117	0.00155	0.0000533	0.0000875	0.0000513	0.0235	0.00000404	0.000101	0.000239	0.00129
2066 May	23.9	0.00946	0.00384	0.000518	3.74	0.0299	3.67	0.00000496	0.0024	0.000265	0.00496	0.00795	0.0000384	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00525	0.00000251	0.805	0.000519	1.25	0.00111	0.0000307	0.79	0.000709	0.00102	0.0000261	0.0000515	0.000026	0.0174	0.00000497	0.0000188	0.00025	0.00149
2066 Jun	29.8	0.02	0.0186	0.000674	6.31	0.0328	4.35	0.00000448	0.00267	0.000735	0.00446	0.00945	0.000308	4.67	0.00000246	0.0000508	0.0000812	0.00026	0.00736	0.00000256	1.01	0.000689	1.45	0.00578	0.0000853	0.868	0.000909	0.002	0.0000284	0.0000647	0.0000354	0.0253	0.00000451	0.0000504	0.000241	0.00137
2066 Jul	19.6	0.00684	0.00788	0.000569	4.01	0.025	2.8	0.00000485	0.00498	0.000384	0.00484	0.00658	0.000119	3.24	0.0000025	0.0000507	0.0000903	0.000256	0.0141	0.00000254	0.659	0.000574	1.02	0.0043	0.0000475	0.614	0.000749	0.00108	0.0000259	0.0000558	0.000029	0.0163	0.00000486	0.0000297	0.000249	0.00146
2066 Aug	22.1	0.0132	0.0158	0.000671	4.66	0.025	3.22	0.00000463	0.00502	0.00065	0.00462	0.00648	0.000282	3.6	0.00000251	0.0000519	0.00006	0.000264	0.0135	0.00000261	0.739	0.000685	0.994	0.00606	0.0000876	0.616	0.000658	0.0012	0.000027	0.0000645	0.0000351	0.0193	0.00000466	0.0000501	0.000247	0.00141
2066 Sep	24	0.0244	0.0245	0.000772	4.88	0.0243	3.74	0.00000427	0.0047	0.000924	0.00425	0.00654	0.000466	3.85	0.00000245	0.0000519	0.000065	0.000268	0.0131	0.00000262	0.768	0.000797	1.05	0.00904	0.000117	0.626	0.000723	0.00127	0.0000274	0.0000727	0.0000453	0.0216	0.00000431	0.00007	0.00024	0.00132
2066 Oct	28.3	0.0304	0.0373	0.000923	6.08	0.0269	4.36	0.00000384	0.00621	0.00134	0.0038	0.00731	0.000723	4.47	0.00000402	0.0000528	0.0000927	0.000329	0.0127	0.00000268	0.908	0.000963	1.16	0.0135	0.000169	0.663	0.00112	0.00139	0.00031	0.0000983	0.0000506	0.0262	0.00000391	0.000101	0.000233	0.00161
2066 Nov	28.8	0.0414	0.0495	0.00108	6.05	0.023	4.55	0.00000344	0.00601	0.00173	0.00339	0.00713	0.000989	4.54	0.00000261	0.0000542	0.000083	0.000295	0.0139	0.00000276	0.903	0.00114	1.07	0.0182	0.000222	0.619	0.00125	0.00163	0.0000659	0.0001	0.0000603	0.0273	0.00000353	0.000132	0.000228	0.00117
2066 Dec	29.8	0.0439	0.0527	0.00113	6.31	0.0234	4.72	0.00000339	0.00614	0.00183	0.00333	0.00738	0.00105	4.71	0.00000265	0.0000549	0.0000856	0.0003	0.0144	0.0000028	0.935	0.00118	1.1	0.0194	0.000235	0.634	0.00134	0.0016	0.0000711	0.000104	0.0000628	0.0285	0.00000348	0.00014	0.000229	0.00116
2067 Jan	30.4	0.0453	0.0547	0.00115	6.45	0.0235	4.81	0.00000337	0.0063	0.0019	0.00331	0.00746	0.00109	4.79	0.00000268	0.0000555	0.0000873	0.000304	0.0148	0.00000283	0.95	0.00122	1.11	0.0201	0.000243	0.637	0.00138	0.00162	0.000074	0.000107	0.0000644	0.0291	0.00000346	0.000145	0.00023	0.00117
2067 Feb	30.8	0.0465	0.0563	0.00118	6.57	0.0236	4.88	0.00000335	0.00643	0.00195	0.00328	0.00753	0.00113	4.86	0.0000027	0.000056	0.0000888	0.000308	0.0151	0.00000286	0.961	0.00124	1.12	0.0207	0.000251	0.64	0.00141	0.00164	0.0000758	0.000109	0.0000659	0.0296	0.00000345	0.000149	0.000231	0.00116
2067 Mar	31.3	0.0478	0.0579	0.0012	6.7	0.0237	4.97	0.00000333	0.00652	0.002	0.00326	0.00763	0.00116	4.94	0.00000272	0.0000565	0.0000902	0.000311	0.0154	0.00000288	0.976	0.00127	1.13	0.0213	0.000257	0.646	0.00145	0.00167	0.0000773	0.000111	0.0000672	0.0302	0.00000343	0.000153	0.000232	0.00116
2067 Apr	27.6	0.0328	0.0381	0.000954	4.83	0.0275	4.56	0.00000395	0.00473	0.00138	0.00391	0.00729	0.000752	4.24	0.00000266	0.0000544	0.0000761	0.00029	0.0117	0.00000276	0.904	0.000996	1.11	0.0139	0.000175	0.682	0.00118	0.00155	0.0000587	0.0000893	0.0000523	0.0239	0.00000402	0.000104	0.00024	0.00129
2067 May	24.9	0.014	0.0102	0.0006	4.1	0.0292	3.83	0.00000478	0.0029	0.000471	0.00478	0.00794	0.000171	3.75	0.00000254	0.0000511	0.0000558	0.000259	0.00646	0.00000256	0.828	0.000609	1.24	0.00351	0.0000576	0.776	0.000799	0.0011	0.0000322	0.0000587	0.000031	0.019	0.0000048	0.0000348	0.000248	0.00146
2067 Jun	29.8	0.0199	0.0184	0.00067	6.3	0.0328	4.34	0.00000447	0.00267	0.000713	0.00445	0.00944	0.000302	4.67	0.00000245	0.0000507	0.0000811	0.000259	0.00734	0.00000255	1.01	0.000687	1.45	0.00577	0.0000842	0.867	0.000904	0.002	0.0000286	0.0000644	0.0000353	0.0252	0.0000045	0.0000502	0.000241	0.00137
2067 Jul	19.6	0.00682	0.00784	0.000567	4.01	0.025	2.8	0.00000485	0.00498	0.000376	0.00484	0.00658	0.000117	3.24	0.0000025	0.0000507	0.0000903	0.000255	0.0141	0.00000254	0.659	0.000573	1.02	0.0043	0.0000471	0.614	0.000747	0.00108	0.0000259	0.0000557	0.000029	0.0163	0.00000486	0.0000296	0.000249	0.00146
2067 Aug	22.1	0.0132	0.0158	0.000668	4.66	0.025	3.22	0.00000463	0.00501	0.000631	0.00461	0.00648	0.000278	3.59	0.0000025	0.0000518	0.00006	0.000264	0.0135	0.0000026	0.738	0.000683	0.993	0.00607	0.0000868	0.615	0.000654	0.00119	0.000027	0.0000642	0.000035	0.0193	0.00000465	0.0000498	0.000247	0.00141
2067 Sep	24	0.0244	0.0243	0.000767	4.87	0.0243	3.73	0.00000427	0.00469	0.000891	0.00424	0.00654	0.000457	3.84	0.00000245	0.0000518	0.0000649	0.000267	0.0131	0.00000262	0.766	0.000794	1.05	0.00904	0.000116	0.626	0.000716	0.00127	0.0000274	0.0000723	0.0000452	0.0216	0.00000431	0.0000695	0.000239	0.00132
2067 Oct	28.3	0.0301	0.0368	0.000911	6.06	0.0269	4.34	0.00000385	0.00621	0.00128	0.00381	0.0073	0.000704	4.45	0.00000404	0.0000526	0.0000927	0.000328	0.0127	0.00000267	0.905	0.000955	1.16	0.0135	0.000166	0.662	0.00111	0.00139	0.000313	0.0000976	0.0000503	0.0261	0.00000391	0.0000996	0.000232	0.00161
2067 Nov	28.7	0.0413	0.0491	0.00107	6.03	0.023	4.52	0.00000344	0.006	0.00166	0.00338	0.00711	0.000969	4.53	0.00000259	0.000054	0.0000828	0.000293	0.0138	0.00000275	0.9	0.00113	1.07	0.0182	0.000219	0.618	0.00124	0.00163	0.000065	0.0000994	0.0000601	0.0272	0.00000353	0.000131	0.000227	0.00117
2067 Dec	29.8	0.0437	0.0522	0.00111	6.29	0.0233	4.69	0.00000338	0.00613	0.00176	0.00332	0.00737	0.00103	4.69	0.00000264	0.0000546	0.0000854	0.000299	0.0144	0.00000279	0.932	0.00118	1.1	0.0193	0.000232	0.632	0.00132	0.0016	0.0000701	0.000103	0.0000626	0.0284	0.00000347	0.000139	0.000227	0.00116
2068 Jan	30.3	0.0451	0.0541	0.00114	6.43	0.0234	4.78	0.00000336	0.00628	0.00182	0.0033	0.00744	0.00107	4.77	0.00000267	0.0000552	0.0000871	0.000303	0.0147	0.00000282	0.946	0.00121	1.11	0.02	0.00024	0.636	0.00136	0.00162	0.0000729	0.000106	0.0000642	0.029	0.00000346	0.000144	0.000229	0.00116
2068 Feb	30.7	0.0463	0.0557	0.00116	6.55	0.0235	4.85	0.00000334	0.00641	0.00187	0.00328	0.0075	0.0011	4.84	0.00000269	0.0000557	0.0000886	0.000306	0.015	0.00000285	0.958	0.00123	1.11	0.0207	0.000247	0.638	0.00139	0.00164	0.0000748	0.000108	0.0000656	0.0295	0.00000344	0.000148	0.00023	0.00116
2068 Mar	31.2	0.0475	0.0573	0.00118	6.67	0.0237	4.94	0.00000332	0.0065	0.00192	0.00326	0.00761	0.00114	4.92	0.00000271	0.0000562	0.0000899	0.000309	0.0153	0.00000287	0.972	0.00126	1.12	0.0213	0.000253	0.644	0.00143	0.00166	0.0000763	0.00011	0.0000669	0.0301	0.00000342	0.000152	0.00023	0.00116
2068 Apr	27.3	0.0316	0.0363	0.000926	4.68	0.0277	4.5	0.00000399	0.00459	0.00128	0.00395	0.00725	0.000706	4.18	0.00000264	0.0000541	0.0000749	0.000288	0.0114	0.00000274	0.896	0.00097	1.11	0.0134	0.000166	0.683	0.00115	0.00154	0.0000567	0.0000871	0.000051	0.0233	0.00000405	0.0001	0.000239	0.0013
2068 May	23.9	0.00947	0.00385	0.000517	3.74	0.0299	3.67	0.00000496	0.0024	0.000262	0.00496	0.00795	0.0000379	3.58	0.00000251	0.0000502	0.000051	0.000252	0.00525	0.00000251	0.805	0.000519	1.25	0.00113	0.0000306	0.79	0.000709	0.00102	0.0000262	0.0000515	0.0000261	0.0174	0.00000497	0.0000189	0.00025	0.00149
2068 Jun	29.7	0.0199	0.0184	0.000668	6.29	0.0327	4.33	0.00000447	0.00268	0.000696	0.00445	0.00943	0.000298	4.66	0.00000245	0.0000507	0.000081	0.000259	0.00735	0.00000255	1.01	0.000686	1.45	0.00582	0.0000839	0.865	0.000901	0.00199	0.0000285	0.0000643	0.0000353	0.0252	0.00000449	0.0000504	0.00024	0.00137
2068 Jul	19.6	0.00693	0.00795	0.000568	4.01	0.025	2.8	0.00000484	0.00498	0.000373	0.00483	0.00658	0.000118	3.24	0.0000025	0.0000507	0.0000903	0.000255	0.0141	0.00000254	0.66	0.000574	1.02	0.00435	0.0000474	0.613	0.000748	0.00108	0.0000259	0.0000558	0.0000291	0.0163	0.00000485	0.0000299	0.000248	0.00146
2068 Aug	21.9	0.0127	0.015	0.000657	4.62	0.025	3.18	0.00000465	0.00499	0.000593	0.00464	0.00645	0.000259	3.57	0.00000251	0.0000517	0.0000595	0.000263	0.0135	0.0000026	0.734	0.000672	0.99	0.00583	0.0000834	0.615	0.000638	0.00119	0.000027	0.0000634	0.0000345	0.0191	0.00000467	0.0000481	0.000247	0.00142
2068 Sep	23.9	0.0242	0.0239	0.000759	4.85	0.0243	3.71	0.00000427	0.00467	0.000854	0.00425	0.00653	0.000443	3.83	0.00000245	0.0000517	0.0000648	0.000266	0.013	0.00000261	0.764	0.000787	1.04	0.00896	0.000114	0.625	0.000706	0.00127	0.0000274	0.0000717	0.000045	0.0215	0.00000431	0.0000687	0.000239	0.00132
2068 Oct	28.1	0.0294	0.0358	0.000895	6.03	0.0269	4.3	0.00000386	0.00616	0.00122	0.00382	0.00728	0.000677	4.43	0.00000407	0.0000523	0.0000927	0.000328	0.0126	0.00000265	0.901	0.00094	1.16	0.0132	0.00016	0.662	0.00109	0.00138	0.00032	0.0000963	0.0000496	0.026	0.00000392	0.000097	0.000231	0.00162
2068 Nov	28.6	0.0411	0.0486	0.00106	6	0.0229	4.49	0.00000343	0.00594	0.00159	0.00337	0.00709	0.000948	4.51	0.00000257	0.0000535	0.0000825	0.000291	0.0138	0.00000273	0.894	0.00112	1.07	0.0182	0.000215	0.616	0.00122	0.00163	0.0000632	0.0000979	0.0000597	0.0271	0.00000351	0.00013	0.000225	0.00116
2068 Dec	29.6	0.0435	0.0517	0.0011	6.26	0.0232	4.66	0.00000337	0.00606	0.00169	0.00331	0.00734	0.00101	4.67	0.00000261	0.0000541	0.000085	0.000296	0.0143	0.00000276	0.926	0.00117	1.09	0.0193	0.000228	0.63	0.0013	0.00159	0.0000682	0.000101	0.0000621	0.0282	0.00000345	0.000137	0.000225	0.00115
2069 Jan	30.1	0.0448	0.0535	0.00112	6.39	0.0233	4.74	0.00000335	0.0062	0.00174	0.00329	0.00741	0.00104	4.74	0.00000264	0.0000547	0.0000867	0.0003	0.0147	0.00000279	0.939	0.00119	1.1	0.02	0.000235	0.633	0.00134	0.00161	0.000071	0.000104	0.0000636	0.0288	0.00000344	0.000142	0.000226	0.00115
2069 Feb	30.6	0.046	0.0551	0.00115	6.51	0.0234	4.82	0.00000333	0.00633	0.00179	0.00327	0.00747	0.00108	4.81	0.00000266	0.0000551	0.0000881	0.000303	0.015	0.00000281	0.95	0.00122	1.11	0.0206	0.000242	0.635	0.00137	0.00163	0.0000729	0.000106	0.000065	0.0294	0.00000342	0.000146	0.000227	0.00115
2069 Mar	31	0.0472	0.0566	0.00117	6.63	0.0235	4.89	0.00000331	0.00641	0.00184	0.00325	0.00757	0.00111	4.89	0.00000268	0.0000555	0.0000894	0.000306	0.0152	0.00000284	0.964	0.00124	1.12	0.0211	0.000248	0.641	0.0014	0.00166	0.0000743	0.000107	0.0000662	0.0299	0.0000034	0.00015	0.000228	0.00115
2069 Apr	27.1	0.031	0.0353	0.000908	4.61	0.0277	4.46	0.000004	0.00448	0.00121	0.00396	0.00722	0.000678	4.14	0.00000262	0.0000536	0.0000742	0.000285	0.0112	0.00000272	0.888	0.000954	1.1	0.0131	0.000161	0.682	0.00113	0.00153	0.000055	0.0000852	0.0000502	0.023	0.00000405	0.0000971	0.000238	0.00129
2069 May	23.9	0.00942	0.00377	0.000516	3.73	0.0299	3.66	0.00000496	0.0024	0.000258	0.00496	0.00795	0.000036	3.57	0.00000251	0.0000502	0.000051	0.000252	0.00524	0.00000251	0.805	0.000518	1.25	0.0011	0.0000303	0.79	0.000708	0.00102	0.0000261	0.0000514	0.000026	0.0174	0.00000497	0.0000187	0.00025	0.00149
2069 Jun	29.7	0.0195	0.0177	0.000657	6.28	0.0328	4.31	0.00000448	0.00257	0.000659	0.00446	0.00943	0.00028	4.65	0.00000244	0.0000503	0.0000808	0.000257	0.00723	0.00000253	1	0.000674	1.45	0.00558	0.0000797	0.868	0.000887	0.002	0.0000283	0.0000627	0.0000346	0.0251	0.0000045	0.0000474	0.000239	0.00137
2069 Jul	19.5	0.00661	0.00753	0.000562	3.99	0.025	2.78	0.00000485	0.00495	0.000355	0.00484	0.00656	0.000108	3.22	0.0000025	0.0000505	0.0000902	0.000254	0.0141	0.00000253	0.656	0.000568	1.02	0.00422	0.0000452	0.613	0.000741	0.00108	0.0000258	0.000055	0.0000287	0.0162	0.00000486	0.0000284	0.000248	0.00146
2069 Aug	21.8	0.0125	0.0147	0.000652	4.6	0.0249	3.17	0.00000464	0.00493	0.000572	0.00463	0.00643	0.00025	3.56	0.0000025	0.0000513	0.0000593	0.000261	0.0135	0.00000258	0.729	0.000667	0.987	0.00576	0.0000812	0.614	0.00063	0.00118	0.0000269	0.0000621	0.0000341	0.0191	0.00000466	0.0000463	0.000246	0.00141
2069 Sep	24	0.0244	0.0241	0.00076	4.88	0.0242	3.72	0.00000425	0.00459	0.000838	0.00423	0.00654	0.000442	3.84	0.00000244	0.0000512	0.0000651	0.000265	0.013	0.00000258	0.763	0.000788	1.05	0.00909	0.000113	0.627	0.000709	0.00127	0.0000275	0.0000705	0.0000448	0.0216	0.00000428	0.0000673	0.000237	0.00131
2069 Oct	28.2	0.03	0.0364	0.000899	6.05	0.0267	4.3	0.00000382	0.00603	0.0012	0.00379	0.00728	0.000679	4.44	0.00000397	0.0000516	0.0000924	0.000323	0.0126	0.00000261	0.897	0.000944	1.15	0.0135	0.00016	0.662	0.00109	0.00139	0.000306	0.0000942	0.0000496	0.0261	0.00000387	0.0000956	0.000228	0.00159
2069 Nov	28.6	0.0408	0.0481	0.00105	5.99	0.0227	4.46	0.00000341	0.00575	0.00153	0.00337	0.00708	0.000925	4.49	0.00000252	0.0000525	0.0000821	0.000286	0.0137	0.00000267	0.885	0.00111	1.06	0.0181	0.00021	0.616	0.0012	0.00163	0.000058	0.0000944	0.0000588	0.027	0.00000348	0.000125	0.000221	0.00114
2069 Dec	29.6	0.0431	0.0511	0.00109	6.23	0.0231	4.62	0.00000336	0.00585	0.00161	0.00331	0.00732	0.000981	4.65	0.00000256	0.000053	0.0000845	0.000291	0.0142	0.0000027	0.916	0.00115	1.09	0.0191	0.000221	0.63	0.00128	0.00159	0.0000628	0.0000977	0.0000611	0.0281	0.00000342	0.000132	0.000221	0.00113
2070 Jan	30	0.0444	0.0528	0.00111	6.36	0.0231	4.7	0.00000334	0.00599	0.00166	0.00328	0.00738	0.00102	4.72	0.00000259	0.0000535	0.0000861	0.000294	0.0146	0.00000272	0.928	0.00118	1.1	0.0198	0.000228	0.633	0.00132	0.00161	0.0000654	0.0000998	0.0000625	0.0286	0.00000341	0.000136	0.000222	0.00113
2070 Feb	30.4	0.0455	0.0543	0.00113	6.47	0.0232	4.77	0.00000331	0.00611	0.00171	0.00326	0.00744	0.00105	4.78	0.00000261	0.0000539	0.0000875	0.000297	0.0149	0.00000275	0.938	0.0012	1.1	0.0204	0.000235	0.634	0.00135	0.00163	0.0000673	0.000102	0.0000638	0.0292	0.00000338	0.00014	0.000223	0.00113
2070 Mar	30.9	0.0467	0.0558	0.00115	6.59	0.0233	4.84	0.00000329	0.00619	0.00175	0.00324	0.00754	0.00108	4.85	0.00000263	0.0000543	0.0000887	0.0003	0.0151	0.00000277	0.952	0.00122	1.11	0.021	0.000241	0.64	0.00138	0.00165	0.0000688	0.000103	0.000065	0.0297	0.00000337	0.000144	0.000223	0.00113
2070 Apr	27.2	0.0315	0.0359	0.000911	4.67	0.0274	4.46	0.00000395	0.00444	0.00119	0.00392	0.00721	0.00068	4.15	0.00000259	0.000053	0.0000745	0.000283	0.0114	0.00000268	0.885	0.000958	1.1	0.0134	0.000161	0.679	0.00113	0.00153	0.0000526	0.0000838	0.0000503	0.0232	0.000004	0.0000962	0.000235	0.00127
2070 May	23.9	0.00941	0.00375	0.000516	3.73	0.0299	3.66	0.00000496	0.00239	0.000256	0.00496	0.00795	0.0000352	3.57	0.0000025	0.0000501	0.0000509	0.000251	0.00524	0.00000251	0.804	0.000518	1.25	0.0011	0.0000301	0.79	0.000707	0.00102	0.000026	0.0000513	0.000026	0.0174	0.00000497	0.0000185	0.00025	0.00149
2070 Jun	29.7	0.0196	0.018	0.000659	6.28	0.0327	4.31	0.00000446	0.00257	0.000651	0.00445	0.00942	0.000281	4.65	0.00000244	0.0000501	0.0000808	0.000256	0.00728	0.00000252	1	0.000676	1.44	0.0057	0.0000799	0.866	0.000887	0.00199	0.0000283	0.0000623	0.0000347	0.0251	0.00000448	0.0000473	0.000238	0.00136
2070 Jul	19.6	0.00696	0.00796	0.000567	4.02	0.025	2.8	0.00000484	0.00495	0.000361	0.00483	0.00658	0.000115	3.24	0.00000249	0.0000505	0.0000902	0.000255	0.0141	0.00000253	0.658	0.000573	1.02	0.00437	0.0000466	0.613	0.000745	0.00108	0.0000259	0.0000552	0.000029	0.0163	0.00000484	0.0000291	0.000247	0.00146
2070 Aug	21.9	0.0127	0.0149	0.000653	4.61	0.0249	3.17	0.00000463	0.0049	0.000564	0.00462	0.00643	0.00025	3.56	0.00000249	0.0000511	0.0000594	0.000261	0.0135	0.00000257	0.729	0.000668	0.987	0.00586	0.0000812	0.613	0.000632	0.00118	0.0000269	0.0000618	0.0000342	0.0191	0.00000464	0.0000461	0.000245	0.00141
2070 Sep	23.9	0.0241	0.0238	0.000752	4.84	0.0241	3.69	0.00000425	0.00454	0.000804	0.00422	0.0065	0.000428	3.82	0.00000243	0.0000508	0.0000646	0.000263	0.013	0.00000256	0.756	0.00078	1.04	0.009	0.00011	0.624	0.000695	0.00126	0.0000273	0.0000692	0.0000444	0.0215	0.00000427	0.0000654	0.000235	0.00131
2070 Oct	28.1	0.0294	0.0356	0.000884	6.02	0.0267	4.27	0.00000383	0.00598	0.00114	0.0038	0.00724	0.000651	4.42	0.00000404	0.0000511	0.0000924	0.000323	0.0125	0.00000258	0.89	0.000929	1.15	0.0132	0.000155	0.66	0.00107	0.00137	0.000318	0.0000927	0.0000488	0.0259	0.00000387	0.0000922	0.000226	0.0016
2070 Nov	28.6	0.0408	0.048	0.00104	5.98	0.0226	4.45	0.0000034	0.00569	0.00148	0.00335	0.00704	0.000906	4.48	0.00000254	0.0000518	0.0000821	0.000285	0.0137	0.00000263	0.88	0.0011	1.06	0.0181	0.000207	0.614	0.00119	0.00162	0.0000636	0.0000928	0.0000585	0.027	0.00000345	0.000123	0.000218	0.00114
2070 Dec	29.6	0.0432	0.0511	0.00108	6.24	0.0229	4.61	0.00000334	0.00579	0.00156	0.00329	0.00729	0.000964	4.64	0.00000258	0.0000524	0.0000847	0.00029	0.0143	0.00000266	0.911	0.00115	1.09	0.0193	0.000219	0.628	0.00127	0.00159	0.0000686	0.0000961	0.0000609	0.0281	0.00000339	0.00013	0.000219	0.00113

Appendix C16: DS2

Constituents	**Total Dissolved Solids**	**Ammonia**	**Nitrate**	**Nitrite**	**Chloride**	**Fluoride**	**Sulphate**	**Silver**	**Aluminum**	**Arsenic**	**Boron**	**Barium**	**Beryllium**	**Calcium**	**Cadmium**	**Cobalt**	**Chromium**	**Copper**	**Iron**	**Mercury**	**Potassium**	**Lithium**	**Magnesium**	**Manganese**	**Molybdenum**	**Sodium**	**Nickel**	**Phosphorus**	**Lead**	**Antimony**	**Selenium**	**Strontium**	**Thallium**	**Uranium**	**Vanadium**	**Zinc**
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Operation (2023 to 2025): Min	22.2	0.0137	0.022	0.00133	2.06	0.027	3.94	0.00000443	0.00172	0.000284	0.0047	0.00704	0.0000109	3.31	0.0000024	0.0000558	0.0000566	0.000258	0.0063	0.00000229	0.804	0.000549	1.14	0.00302	0.0000635	0.747	0.000843	0.00111	0.0000276	0.0000751	0.0000281	0.0148	0.00000458	0.0000258	0.000273	0.00136
Operation (2023 to 2025): Average	28.7	0.0456	0.106	0.00465	5.47	0.0301	5.46	0.00000478	0.00344	0.00107	0.00528	0.00895	0.0000152	4.97	0.00000273	0.0000871	0.0000948	0.000303	0.015	0.00000254	0.99	0.000779	1.45	0.0137	0.000373	0.894	0.00179	0.00185	0.0000499	0.000207	0.0000433	0.0281	0.00000534	0.0000715	0.000391	0.00151
Operation (2023 to 2025): Max	39.3	0.0941	0.256	0.01	8.61	0.0344	8.44	0.00000496	0.00568	0.00244	0.00621	0.0113	0.0000219	7.15	0.00000394	0.000149	0.000168	0.000412	0.0287	0.00000281	1.39	0.00119	1.89	0.0298	0.000912	1.23	0.00354	0.00276	0.000229	0.000508	0.0000697	0.0472	0.00000649	0.000145	0.000581	0.00177
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Active Closure (2026 to Sept. 2042): Min	18.5	0.00304	0.0025	0.0005	1.58	0.0231	2.58	0.00000447	0.0015	0.000209	0.00448	0.0057	0.00000905	2.95	0.00000229	0.000046	0.0000492	0.000233	0.005	0.00000225	0.627	0.0005	0.944	0.000575	0.000025	0.597	0.00029	0.001	0.000025	0.0000496	0.000025	0.0126	0.00000447	0.0000147	0.000226	0.00135
Active Closure (2026 to Sept. 2042): Average	21.9	0.00973	0.0108	0.000707	3.79	0.0277	3.28	0.00000475	0.00295	0.000263	0.00476	0.00703	0.00000974	3.42	0.00000272	0.000049	0.0000599	0.000254	0.00765	0.00000239	0.748	0.000505	1.14	0.00176	0.0000493	0.702	0.000593	0.00129	0.0000812	0.0000555	0.000026	0.0169	0.00000475	0.0000181	0.000244	0.00151
Active Closure (2026 to Sept. 2042): Max	29.2	0.034	0.06	0.00293	6.17	0.0341	4.63	0.000005	0.00579	0.000797	0.00507	0.00984	0.000013	4.77	0.00000637	0.0000659	0.000102	0.000374	0.014	0.00000259	1	0.000651	1.54	0.00816	0.000264	0.912	0.00128	0.00211	0.000714	0.000109	0.0000369	0.0251	0.000005	0.0000487	0.000338	0.00241
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Post Closure (Oct. 2042 to 2070): Min	20.1	0.00623	0.00366	0.000516	3.21	0.0194	2.83	0.00000273	0.00183	0.000221	0.00275	0.00616	0.00000597	3.21	0.00000164	0.0000327	0.0000466	0.000179	0.00508	0.00000138	0.672	0.000501	0.953	0.000735	0.0000274	0.578	0.000456	0.001	0.0000232	0.0000486	0.0000251	0.0166	0.00000273	0.0000158	0.000146	0.000871
Post Closure (Oct. 2042 to 2070): Average	28.6	0.0323	0.043	0.00106	5.85	0.0256	4.47	0.0000039	0.00511	0.002	0.00386	0.00761	0.000783	4.5	0.00000263	0.0000541	0.0000803	0.00029	0.0131	0.00000267	0.904	0.001	1.17	0.0137	0.0002	0.683	0.00124	0.00153	0.0000637	0.0000913	0.0000516	0.026	0.00000396	0.0001	0.000239	0.00128
Post Closure (Oct. 2042 to 2070): Max	42.6	0.0514	0.12	0.00233	8.88	0.0318	5.72	0.00000497	0.00681	0.00477	0.00496	0.00977	0.00144	6.03	0.00000458	0.0000625	0.0000943	0.000339	0.0168	0.00000306	1.16	0.00139	1.5	0.0222	0.000376	0.886	0.002	0.002	0.000466	0.000132	0.0000718	0.0388	0.00000497	0.00017	0.000258	0.00183
CCME/SSWQO (Receiving Environment)	-	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	-	-	-	***variable***	-	***0.001***	***variable***	***0.3***	***0.000026***	-	-	-	***variable***	***0.073***	-	***variable***	***0.01***	***0.001***	-	***0.001***	-	***0.0008***	***0.015***	-	***variable***
Model Predictions (2023-2070)																																				
2023 Jan	24.9	0.028	0.0583	0.0029	4.46	0.0272	3.99	0.00000481	0.0026	0.000368	0.00523	0.00785	0.0000135	4.08	0.00000259	0.000085	0.0000742	0.000269	0.00832	0.00000241	0.897	0.000672	1.25	0.00851	0.00012	0.831	0.000904	0.00151	0.0000308	0.000166	0.000033	0.0229	0.00000587	0.00004	0.000303	0.00147
2023 Feb	25	0.0284	0.0596	0.00295	4.48	0.0272	4.01	0.00000481	0.00261	0.000373	0.00524	0.00787	0.0000136	4.1	0.00000259	0.0000857	0.0000749	0.000269	0.00839	0.00000241	0.901	0.000676	1.25	0.00868	0.000123	0.835	0.000914	0.00151	0.0000311	0.000169	0.0000331	0.0231	0.00000588	0.0000406	0.000305	0.00147
2023 Mar	27	0.031	0.0633	0.00304	4.86	0.0294	4.35	0.0000048	0.00193	0.000393	0.00526	0.00893	0.0000137	4.44	0.0000026	0.0000871	0.0000761	0.00027	0.00851	0.00000241	0.992	0.000682	1.38	0.00895	0.000127	0.918	0.00111	0.00167	0.0000315	0.000175	0.0000334	0.0248	0.00000591	0.000043	0.000308	0.00147
2023 Apr	23.1	0.0162	0.0329	0.00182	2.48	0.0329	4.14	0.0000049	0.00172	0.00032	0.00514	0.00722	0.0000119	3.47	0.00000255	0.0000692	0.0000637	0.00026	0.00682	0.00000245	0.853	0.000595	1.15	0.00488	0.0000783	0.806	0.000896	0.00141	0.0000284	0.000115	0.0000293	0.0172	0.00000547	0.0000298	0.00028	0.00149
2023 May	25.1	0.0155	0.0244	0.00144	4.13	0.0299	3.94	0.00000493	0.0024	0.000284	0.00511	0.00824	0.0000114	3.84	0.00000254	0.0000638	0.00006	0.000258	0.0063	0.00000247	0.861	0.000568	1.29	0.00369	0.0000635	0.838	0.000843	0.00111	0.0000276	0.0000974	0.0000281	0.02	0.00000534	0.0000258	0.000273	0.00149
2023 Jun	31.3	0.0327	0.0888	0.00348	6.81	0.0329	5.12	0.00000453	0.00194	0.000542	0.00522	0.0101	0.000014	5.2	0.00000247	0.0000897	0.000108	0.00026	0.00962	0.00000229	1.13	0.000718	1.55	0.0108	0.000203	1.05	0.00127	0.00206	0.0000291	0.000226	0.0000339	0.0316	0.00000551	0.0000547	0.000341	0.00138
2023 Jul	27.4	0.0368	0.118	0.00444	5.94	0.0278	4.88	0.00000478	0.00438	0.000699	0.00568	0.00869	0.000016	4.81	0.00000264	0.000102	0.00013	0.000286	0.0178	0.00000246	0.984	0.000833	1.33	0.0154	0.000299	0.934	0.00156	0.00158	0.0000298	0.00028	0.0000393	0.0305	0.00000584	0.0000733	0.000399	0.00147
2023 Aug	28.3	0.0396	0.124	0.00474	6.2	0.0282	5.1	0.00000486	0.00442	0.000808	0.00576	0.00854	0.0000163	4.99	0.00000268	0.000103	0.000107	0.000296	0.018	0.00000251	1.02	0.000856	1.32	0.0153	0.000331	0.932	0.00151	0.00162	0.0000301	0.000284	0.000041	0.0317	0.00000591	0.0000776	0.000409	0.0015
2023 Sep	33.6	0.0671	0.194	0.00748	7.21	0.0295	6.73	0.00000473	0.00411	0.00134	0.00601	0.00976	0.0000193	6.04	0.00000275	0.000129	0.000133	0.000327	0.0209	0.00000253	1.19	0.00104	1.58	0.0231	0.00053	1.09	0.00226	0.00196	0.0000321	0.000402	0.0000547	0.0397	0.00000624	0.000112	0.000494	0.00149
2023 Oct	39.3	0.0868	0.256	0.01	8.61	0.0332	8.2	0.00000466	0.00504	0.00191	0.00621	0.0112	0.0000219	7.15	0.00000394	0.000149	0.000168	0.000395	0.0233	0.00000257	1.39	0.00119	1.85	0.0298	0.000723	1.23	0.00318	0.00227	0.000229	0.000508	0.0000624	0.0472	0.00000649	0.000143	0.000569	0.00177
2023 Nov	34.8	0.0791	0.221	0.00889	7.16	0.0298	7.35	0.00000474	0.00431	0.00178	0.00599	0.01	0.0000201	6.33	0.00000289	0.000133	0.000138	0.000351	0.0201	0.00000259	1.23	0.00108	1.68	0.0256	0.000646	1.09	0.0028	0.0024	0.0000509	0.000428	0.0000585	0.04	0.00000621	0.000124	0.000524	0.00153
2023 Dec	27.8	0.0439	0.107	0.0045	5.1	0.0287	5.21	0.00000488	0.00316	0.000983	0.00545	0.0086	0.0000147	4.78	0.00000269	0.0000887	0.0000907	0.000299	0.0121	0.00000254	0.98	0.000772	1.42	0.0124	0.000323	0.899	0.00164	0.00173	0.0000385	0.000227	0.0000411	0.0269	0.00000555	0.0000661	0.000379	0.00152
2024 Jan	27.7	0.044	0.107	0.00451	5.08	0.0286	5.2	0.00000486	0.00316	0.00099	0.00543	0.00858	0.0000147	4.77	0.00000269	0.0000884	0.0000903	0.000298	0.0121	0.00000254	0.977	0.000769	1.42	0.0124	0.000324	0.895	0.00165	0.00173	0.0000388	0.000226	0.0000411	0.0268	0.00000553	0.0000661	0.000379	0.00152
2024 Feb	26.3	0.0377	0.0875	0.00376	4.7	0.0282	4.81	0.00000488	0.00301	0.000848	0.00533	0.00824	0.0000138	4.47	0.00000265	0.0000808	0.0000824	0.000289	0.0107	0.00000253	0.928	0.000716	1.37	0.0102	0.000269	0.857	0.00143	0.00165	0.0000363	0.000192	0.0000381	0.0245	0.00000541	0.0000561	0.000354	0.00151
2024 Mar	28.4	0.0417	0.0951	0.00402	5.12	0.0302	5.22	0.00000485	0.00239	0.000912	0.00534	0.00931	0.000014	4.86	0.00000265	0.0000829	0.0000846	0.000291	0.0112	0.00000252	1.02	0.000731	1.49	0.0109	0.000288	0.939	0.00168	0.00182	0.0000372	0.000202	0.000039	0.0265	0.00000542	0.0000606	0.000361	0.00151
2024 Apr	22.3	0.0137	0.0248	0.00137	2.09	0.0334	4.14	0.00000496	0.00172	0.000404	0.00508	0.00704	0.000011	3.32	0.00000254	0.0000581	0.0000585	0.00026	0.00652	0.0000025	0.814	0.000557	1.14	0.00311	0.0000902	0.776	0.000927	0.00139	0.000028	0.0000876	0.0000285	0.0152	0.0000051	0.0000266	0.000277	0.0015
2024 May	25.7	0.0199	0.0369	0.00185	4.23	0.0302	4.27	0.00000494	0.00256	0.000485	0.00512	0.00838	0.0000115	4	0.00000255	0.0000624	0.000063	0.000266	0.00735	0.00000251	0.872	0.000587	1.33	0.00452	0.000126	0.844	0.00106	0.00117	0.0000297	0.000108	0.0000304	0.0207	0.00000515	0.0000327	0.000292	0.0015
2024 Jun	30.5	0.0369	0.0812	0.00354	6.49	0.0326	5.3	0.00000443	0.00215	0.000907	0.00481	0.00994	0.000013	5.14	0.0000024	0.000073	0.0000956	0.000267	0.011	0.00000232	1.05	0.000665	1.57	0.01	0.000289	0.95	0.00157	0.00214	0.0000293	0.000166	0.0000366	0.0289	0.00000481	0.0000554	0.000337	0.00136
2024 Jul	24.5	0.0326	0.0784	0.00351	5.14	0.027	4.45	0.00000472	0.00457	0.000886	0.00508	0.00802	0.0000138	4.35	0.00000253	0.0000749	0.000107	0.000283	0.0181	0.00000248	0.829	0.000701	1.27	0.0118	0.000305	0.762	0.00158	0.00156	0.0000281	0.00016	0.0000385	0.0242	0.00000504	0.0000589	0.000356	0.00145
2024 Aug	27.1	0.0417	0.1	0.00443	5.77	0.0281	5.11	0.00000478	0.00457	0.00112	0.00523	0.00831	0.0000152	4.84	0.00000261	0.000083	0.000089	0.000301	0.0194	0.00000255	0.916	0.000775	1.32	0.0138	0.000398	0.805	0.00171	0.00174	0.0000292	0.00019	0.0000433	0.0277	0.00000517	0.0000728	0.000394	0.00148
2024 Sep	32.5	0.072	0.166	0.0072	6.79	0.0299	6.91	0.00000466	0.00438	0.00179	0.00535	0.00967	0.0000184	5.98	0.00000268	0.000103	0.000112	0.000339	0.0236	0.0000026	1.07	0.000953	1.61	0.022	0.000649	0.932	0.00258	0.0022	0.0000314	0.000274	0.0000591	0.0353	0.00000525	0.000109	0.000489	0.00147
2024 Oct	38.1	0.0928	0.222	0.00966	8.14	0.0338	8.44	0.0000046	0.00538	0.00244	0.00546	0.0112	0.0000211	7.1	0.00000388	0.000119	0.000144	0.000409	0.0268	0.00000268	1.25	0.00109	1.89	0.0288	0.000871	1.05	0.00354	0.00257	0.000229	0.000352	0.0000678	0.0422	0.00000531	0.00014	0.000568	0.00176
2024 Nov	34	0.0842	0.195	0.00862	6.82	0.0304	7.58	0.00000469	0.0046	0.0022	0.00541	0.0101	0.0000196	6.32	0.00000284	0.00011	0.000119	0.000364	0.0231	0.00000268	1.12	0.00101	1.72	0.025	0.000771	0.952	0.00309	0.00265	0.0000501	0.000302	0.0000632	0.0363	0.00000527	0.000123	0.000528	0.00153
2024 Dec	27.4	0.0462	0.0951	0.00438	4.95	0.029	5.31	0.00000486	0.0033	0.00117	0.00519	0.00862	0.0000145	4.78	0.00000267	0.0000781	0.0000822	0.000304	0.0135	0.00000259	0.931	0.00074	1.44	0.0122	0.000381	0.837	0.00177	0.00185	0.0000382	0.000169	0.0000432	0.0252	0.00000512	0.0000658	0.000382	0.00152
2025 Jan	27.4	0.0463	0.0952	0.00439	4.94	0.0289	5.31	0.00000485	0.00329	0.00118	0.00517	0.0086	0.0000145	4.77	0.00000267	0.0000779	0.0000819	0.000304	0.0135	0.00000258	0.929	0.000738	1.44	0.0122	0.000381	0.835	0.00178	0.00185	0.0000385	0.000169	0.0000433	0.0252	0.00000511	0.0000658	0.000381	0.00151
2025 Feb	26.1	0.0398	0.0787	0.00369	4.6	0.0285	4.91	0.00000486	0.00312	0.00101	0.00513	0.00827	0.0000136	4.49	0.00000263	0.0000726	0.0000759	0.000294	0.0119	0.00000256	0.891	0.000693	1.38	0.0101	0.000317	0.809	0.00154	0.00174	0.0000362	0.000147	0.0000399	0.0232	0.00000507	0.0000563	0.000357	0.00151
2025 Mar	28.2	0.0437	0.085	0.00391	5	0.0305	5.31	0.00000484	0.0025	0.00107	0.00512	0.00933	0.0000139	4.86	0.00000263	0.000074	0.0000774	0.000296	0.0124	0.00000256	0.98	0.000704	1.51	0.0107	0.000337	0.888	0.00179	0.00192	0.000037	0.000153	0.0000409	0.0251	0.00000506	0.0000604	0.000363	0.0015
2025 Apr	22.2	0.014	0.022	0.00133	2.06	0.0335	4.15	0.00000496	0.00174	0.000441	0.00503	0.00704	0.0000109	3.31	0.00000253	0.0000558	0.0000566	0.000261	0.00679	0.00000251	0.804	0.000549	1.14	0.00302	0.000101	0.763	0.000949	0.00141	0.0000279	0.0000751	0.0000289	0.0148	0.00000501	0.0000264	0.000277	0.0015
2025 May	25.2	0.0186	0.0279	0.00158	4.1	0.0303	4.19	0.00000495	0.00255	0.00049	0.00503	0.00832	0.0000112	3.93	0.00000254	0.0000575	0.0000586	0.000264	0.00733	0.00000252	0.847	0.000564	1.32	0.00378	0.000124	0.819	0.00103	0.00117	0.0000289	0.0000826	0.00003	0.0197	0.00000502	0.0000297	0.000286	0.0015
2025 Jun	30.6	0.0396	0.0781	0.0036	6.49	0.033	5.46	0.00000445	0.00229	0.00104	0.0047	0.0101	0.0000132	5.21	0.0000024	0.0000685	0.0000924	0.000273	0.0122	0.00000237	1.04	0.000662	1.59	0.0104	0.000338	0.925	0.00168	0.00224	0.0000296	0.000137	0.0000388	0.0285	0.00000458	0.0000582	0.000348	0.00137
2025 Jul	24.8	0.0353	0.0775	0.0036	5.18	0.0275	4.63	0.00000476	0.00471	0.000998	0.005	0.00819	0.0000141	4.44	0.00000255	0.000072	0.000105	0.000289	0.0192	0.00000254	0.825	0.000703	1.3	0.0123	0.000351	0.747	0.00168	0.00166	0.0000284	0.000138	0.0000409	0.0241	0.00000486	0.0000629	0.00037	0.00145
2025 Aug	26.1	0.0387	0.0854	0.00394	5.53	0.0281	4.91	0.00000486	0.00474	0.00109	0.00511	0.00813	0.0000147	4.68	0.00000261	0.0000753	0.0000813	0.0003	0.0196	0.00000261	0.873	0.000737	1.28	0.0126	0.000389	0.758	0.00161	0.00173	0.000029	0.000147	0.0000431	0.0258	0.00000496	0.0000692	0.000387	0.00149
2025 Sep	32	0.0724	0.155	0.00691	6.65	0.0304	6.89	0.00000475	0.00462	0.00181	0.00519	0.00971	0.0000184	5.93	0.00000269	0.0000954	0.000105	0.000342	0.0248	0.00000271	1.04	0.000929	1.59	0.0217	0.000679	0.888	0.00256	0.00229	0.0000317	0.000224	0.000061	0.034	0.00000492	0.000111	0.000497	0.00148
2025 Oct	37.5	0.0941	0.211	0.00936	8.02	0.0344	8.41	0.00000467	0.00568	0.0024	0.00526	0.0113	0.0000212	7.06	0.00000387	0.000111	0.000136	0.000412	0.0287	0.00000281	1.22	0.00107	1.86	0.0288	0.000912	0.997	0.00349	0.00271	0.000227	0.000288	0.0000697	0.0409	0.00000489	0.000145	0.000581	0.00175
2025 Nov	33.4	0.0846	0.183	0.00828	6.7	0.0309	7.48	0.00000474	0.00484	0.00209	0.00524	0.0101	0.0000197	6.24	0.00000285	0.000102	0.000113	0.000364	0.0246	0.00000279	1.08	0.000992	1.68	0.0249	0.000795	0.91	0.00298	0.00276	0.0000507	0.000245	0.0000637	0.0351	0.00000491	0.000126	0.000535	0.00152
2025 Dec	27.1	0.0463	0.0894	0.00421	4.89	0.0292	5.25	0.00000487	0.0034	0.00111	0.00511	0.00863	0.0000146	4.73	0.00000267	0.0000744	0.0000795	0.000304	0.0142	0.00000264	0.914	0.000731	1.42	0.0121	0.00039	0.818	0.00171	0.0019	0.0000384	0.000141	0.0000432	0.0247	0.00000495	0.0000671	0.000384	0.00151
2026 Jan	24.9	0.034	0.06	0.00293	4.29	0.0283	4.51	0.00000491	0.00306	0.000797	0.00507	0.00802	0.000013	4.22	0.00000261	0.0000659	0.0000692	0.000285	0.011	0.00000259	0.85	0.000651	1.32	0.00816	0.000264	0.778	0.00128	0.00169	0.0000339	0.000109	0.0000369	0.0213	0.00000496	0.0000487	0.000338	0.00151
2026 Feb	23.1	0.0241	0.0361	0.00189	3.8	0.0276	3.92	0.00000495	0.00277	0.000548	0.00504	0.00754	0.0000117	3.81	0.00000256	0.0000591	0.000061	0.00027	0.00844	0.00000255	0.799	0.000586	1.24	0.00496	0.000162	0.747	0.000939	0.00152	0.0000301	0.000084	0.0000318	0.0185	0.00000498	0.0000337	0.0003	0.0015
2026 Mar	24.9	0.0243	0.0326	0.00167	4.08	0.03	4.14	0.00000496	0.0019	0.000509	0.00503	0.00865	0.0000114	4.09	0.00000255	0.0000577	0.0000592	0.000267	0.0079	0.00000254	0.887	0.000573	1.37	0.00427	0.00014	0.831	0.00107	0.00167	0.0000293	0.0000786	0.0000307	0.0197	0.00000498	0.0000321	0.000292	0.0015
2026 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2026 May	23.9	0.01	0.0061	0.000656	3.73	0.0301	3.71	0.000005	0.00234	0.000257	0.005	0.00802	0.0000102	3.6	0.00000251	0.000051	0.0000512	0.000252	0.00539	0.00000251	0.807	0.00051	1.26	0.00109	0.0000403	0.797	0.000739	0.00103	0.0000256	0.0000538	0.0000258	0.0174	0.000005	0.0000177	0.000256	0.0015
2026 Jun	29.2	0.0236	0.0371	0.00191	6.17	0.0341	4.63	0.00000465	0.00189	0.000597	0.00473	0.00984	0.0000111	4.77	0.00000242	0.0000561	0.0000827	0.000256	0.00817	0.0000024	1	0.000557	1.54	0.0048	0.000164	0.912	0.00113	0.00211	0.0000291	0.0000807	0.0000304	0.0251	0.00000467	0.0000339	0.000286	0.00141
2026 Jul	18.5	0.00513	0.00822	0.000742	3.76	0.0249	2.68	0.0000049	0.00473	0.000265	0.00491	0.00646	0.0000101	3.1	0.00000246	0.0000506	0.0000893	0.000249	0.014	0.00000246	0.628	0.000506	1.02	0.00316	0.0000491	0.608	0.000737	0.00104	0.0000254	0.0000548	0.0000257	0.0152	0.0000049	0.0000196	0.000254	0.00147
2026 Aug	19.3	0.00804	0.0145	0.001	4.04	0.0247	2.89	0.00000477	0.00435	0.000334	0.0048	0.00612	0.0000102	3.25	0.00000242	0.0000512	0.0000529	0.000247	0.0131	0.00000241	0.663	0.000511	0.961	0.00282	0.0000832	0.6	0.00057	0.00109	0.0000257	0.0000598	0.0000264	0.0166	0.00000478	0.0000239	0.000258	0.00144
2026 Sep	19.8	0.0137	0.0135	0.000957	3.82	0.0248	3.17	0.00000474	0.0035	0.000312	0.00477	0.006	0.0000101	3.27	0.0000024	0.0000506	0.0000523	0.000245	0.0119	0.0000024	0.649	0.000506	1.02	0.00242	0.0000711	0.622	0.000421	0.00107	0.0000253	0.0000584	0.000032	0.017	0.00000475	0.0000213	0.000255	0.00143
2026 Oct	24.9	0.00561	0.0107	0.000779	5.31	0.0333	3.68	0.00000482	0.00579	0.000322	0.00484	0.00723	0.00001	3.95	0.00000636	0.0000502	0.000102	0.000374	0.00885	0.00000243	0.844	0.000502	1.28	0.00182	0.0000534	0.732	0.000729	0.00104	0.000714	0.000087	0.0000256	0.0211	0.00000483	0.0000191	0.000252	0.00241
2026 Nov	18.6	0.0137	0.0168	0.00109	3.02	0.0234	2.97	0.00000462	0.00316	0.000332	0.00466	0.00571	0.00001	2.99	0.00000236	0.0000503	0.0000527	0.000242	0.00638	0.00000234	0.629	0.000504	0.99	0.00258	0.000085	0.599	0.00047	0.00174	0.0000278	0.0000605	0.0000263	0.0143	0.00000463	0.0000203	0.000254	0.0014
2026 Dec	20.6	0.0161	0.019	0.00112	3.37	0.0255	3.3	0.0000046	0.00242	0.000351	0.00464	0.0068	0.00001	3.33	0.00000236	0.0000503	0.0000529	0.000241	0.00646	0.00000234	0.718	0.000504	1.12	0.00267	0.0000883	0.679	0.000668	0.00133	0.0000279	0.0000611	0.0000264	0.0159	0.00000461	0.0000222	0.000254	0.00139
2027 Jan	20.6	0.0161	0.019	0.00112	3.37	0.0255	3.3	0.0000046	0.00242	0.000351	0.00464	0.0068	0.00001	3.33	0.00000236	0.0000503	0.0000529	0.000241	0.00646	0.00000234	0.718	0.000504	1.12	0.00267	0.0000883	0.679	0.000668	0.00133	0.0000279	0.0000611	0.0000264	0.0159	0.00000461	0.0000222	0.000254	0.00139
2027 Feb	20.7	0.0138	0.0127	0.000855	3.28	0.0261	3.22	0.00000477	0.00241	0.000293	0.00479	0.00684	0.00001	3.3	0.00000242	0.0000502	0.0000516	0.000245	0.00583	0.00000241	0.723	0.000502	1.12	0.00182	0.0000612	0.69	0.000587	0.00132	0.0000267	0.0000563	0.0000258	0.0155	0.00000478	0.0000186	0.000252	0.00144
2027 Mar	22.9	0.0154	0.0121	0.000764	3.64	0.0288	3.55	0.00000483	0.00159	0.000287	0.00485	0.00808	0.00001	3.66	0.00000244	0.0000501	0.0000512	0.000246	0.00562	0.00000243	0.826	0.000502	1.27	0.00151	0.0000519	0.786	0.000771	0.0015	0.0000263	0.0000547	0.0000256	0.017	0.00000483	0.0000189	0.000252	0.00145
2027 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2027 May	23.7	0.00894	0.00364	0.000547	3.67	0.0299	3.64	0.00000497	0.0023	0.00023	0.00497	0.00793	0.00001	3.54	0.00000249	0.00005	0.0000502	0.000249	0.00511	0.00000249	0.798	0.0005	1.25	0.000765	0.0000298	0.79	0.000701	0.00101	0.0000253	0.0000508	0.0000251	0.0171	0.00000497	0.0000161	0.00025	0.00149
2027 Jun	27.8	0.0162	0.0208	0.00116	5.87	0.0332	4.16	0.00000456	0.00169	0.00041	0.0046	0.00941	0.00001	4.45	0.00000235	0.0000502	0.0000767	0.000241	0.00649	0.00000232	0.959	0.000506	1.47	0.00264	0.0000928	0.878	0.000872	0.00197	0.0000293	0.0000614	0.0000265	0.0232	0.00000457	0.0000233	0.000253	0.00138
2027 Jul	18.5	0.00436	0.00665	0.000663	3.75	0.0249	2.64	0.0000049	0.00472	0.000245	0.00491	0.00644	0.00001	3.08	0.00000247	0.0000502	0.0000889	0.000248	0.0139	0.00000246	0.627	0.000503	1.01	0.00296	0.0000419	0.607	0.000711	0.00103	0.0000257	0.0000529	0.0000254	0.0151	0.0000049	0.0000186	0.000251	0.00147
2027 Aug	19.5	0.00764	0.014	0.000952	4.07	0.0247	2.87	0.00000474	0.0043	0.000316	0.00477	0.00614	0.0000101	3.25	0.00000241	0.0000505	0.0000528	0.000246	0.0129	0.0000024	0.665	0.00051	0.963	0.00274	0.0000793	0.601	0.000553	0.00109	0.0000265	0.0000581	0.0000262	0.0166	0.00000474	0.0000233	0.000254	0.00143
2027 Sep	20	0.0128	0.0117	0.000858	3.84	0.0249	3.14	0.00000478	0.00351	0.000287	0.0048	0.00601	0.00001	3.27	0.00000242	0.0000503	0.000052	0.000246	0.0118	0.00000241	0.652	0.000506	1.02	0.00218	0.0000621	0.624	0.000387	0.00107	0.0000258	0.0000562	0.0000319	0.017	0.00000478	0.0000201	0.000252	0.00144
2027 Oct	25	0.00539	0.0106	0.000755	5.33	0.0334	3.67	0.00000483	0.00579	0.000314	0.00485	0.00725	0.00001	3.96	0.00000637	0.0000501	0.000102	0.000374	0.00884	0.00000243	0.847	0.000504	1.29	0.00179	0.0000516	0.734	0.000721	0.00104	0.000714	0.0000864	0.0000256	0.0212	0.00000483	0.0000189	0.000251	0.00241
2027 Nov	18.9	0.0132	0.0165	0.00104	3.07	0.0235	2.97	0.00000464	0.00317	0.000316	0.00467	0.00577	0.00000999	3.02	0.00000237	0.0000502	0.0000528	0.000243	0.00637	0.00000235	0.635	0.000508	0.997	0.00251	0.000081	0.604	0.000453	0.00174	0.0000283	0.0000593	0.0000263	0.0145	0.00000465	0.0000198	0.000253	0.0014
2027 Dec	20.9	0.0156	0.0186	0.00107	3.43	0.0257	3.3	0.00000462	0.00244	0.000334	0.00466	0.00686	0.00000999	3.35	0.00000237	0.0000502	0.000053	0.000242	0.00645	0.00000234	0.725	0.000509	1.12	0.00259	0.0000842	0.685	0.00065	0.00134	0.0000285	0.0000598	0.0000264	0.0161	0.00000463	0.0000217	0.000253	0.0014
2028 Jan	20.9	0.0156	0.0186	0.00107	3.43	0.0257	3.3	0.00000462	0.00244	0.000334	0.00466	0.00686	0.00000999	3.35	0.00000237	0.0000502	0.000053	0.000242	0.00645	0.00000234	0.725	0.000509	1.12	0.00259	0.0000842	0.685	0.00065	0.00134	0.0000285	0.0000598	0.0000264	0.0161	0.00000463	0.0000217	0.000253	0.0014
2028 Feb	20.8	0.0134	0.0122	0.000813	3.31	0.0262	3.22	0.00000479	0.00242	0.000281	0.00481	0.00688	0.00001	3.31	0.00000243	0.0000501	0.0000516	0.000246	0.0058	0.00000241	0.727	0.000505	1.13	0.00174	0.0000577	0.694	0.000574	0.00132	0.0000269	0.0000554	0.0000258	0.0155	0.00000479	0.0000182	0.000251	0.00144
2028 Mar	23	0.0153	0.0125	0.000764	3.67	0.0288	3.56	0.00000482	0.0016	0.000284	0.00484	0.0081	0.00001	3.67	0.00000244	0.0000501	0.0000514	0.000246	0.00567	0.00000243	0.828	0.000504	1.27	0.00156	0.0000525	0.787	0.000768	0.0015	0.0000266	0.0000546	0.0000257	0.0171	0.00000483	0.000019	0.000251	0.00145
2028 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2028 May	23.7	0.0089	0.00361	0.000543	3.67	0.0299	3.64	0.00000497	0.00231	0.000229	0.00498	0.00794	0.00001	3.54	0.00000249	0.00005	0.0000502	0.00025	0.00511	0.00000249	0.799	0.000501	1.25	0.00076	0.0000295	0.79	0.0007	0.00101	0.0000253	0.0000508	0.0000251	0.0171	0.00000497	0.0000161	0.00025	0.00149
2028 Jun	28.1	0.0155	0.0203	0.0011	5.91	0.0333	4.14	0.00000456	0.00169	0.000394	0.0046	0.00944	0.00000991	4.46	0.00000235	0.0000498	0.0000765	0.000241	0.00642	0.00000232	0.964	0.000509	1.47	0.00253	0.0000878	0.881	0.000851	0.00197	0.0000293	0.0000601	0.0000264	0.0234	0.00000457	0.0000227	0.000251	0.00138
2028 Jul	18.5	0.0042	0.00652	0.000647	3.76	0.0249	2.63	0.0000049	0.00472	0.000241	0.00491	0.00645	0.00000999	3.08	0.00000246	0.00005	0.0000888	0.000248	0.0139	0.00000246	0.627	0.000503	1.01	0.00293	0.0000405	0.607	0.000705	0.00103	0.0000257	0.0000525	0.0000254	0.0151	0.0000049	0.0000185	0.000251	0.00147
2028 Aug	19.6	0.00718	0.0137	0.000908	4.08	0.0247	2.85	0.00000473	0.00429	0.000304	0.00476	0.00615	0.00000999	3.25	0.0000024	0.0000502	0.0000525	0.000245	0.0129	0.00000239	0.667	0.00051	0.962	0.00265	0.0000754	0.602	0.000537	0.00109	0.0000264	0.0000571	0.0000261	0.0167	0.00000474	0.0000228	0.000252	0.00143
2028 Sep	20	0.0125	0.0117	0.000832	3.86	0.0248	3.13	0.00000476	0.0035	0.000279	0.00478	0.00602	0.00000995	3.27	0.00000241	0.0000499	0.0000518	0.000245	0.0118	0.0000024	0.653	0.000507	1.02	0.00214	0.0000601	0.624	0.000377	0.00106	0.0000257	0.0000556	0.0000318	0.017	0.00000476	0.0000199	0.00025	0.00143
2028 Oct	25	0.00514	0.0104	0.000731	5.34	0.0333	3.66	0.00000482	0.00578	0.000308	0.00484	0.00725	0.00000994	3.96	0.00000635	0.0000498	0.000101	0.000374	0.0088	0.00000242	0.846	0.000504	1.28	0.00175	0.0000495	0.733	0.000711	0.00104	0.000712	0.0000857	0.0000256	0.0212	0.00000482	0.0000187	0.00025	0.00241
2028 Nov	19	0.0126	0.0158	0.000977	3.09	0.0234	2.94	0.00000463	0.00316	0.0003	0.00466	0.00576	0.00000987	3.01	0.00000237	0.0000497	0.0000523	0.000242	0.00626	0.00000234	0.636	0.000508	0.994	0.00238	0.0000757	0.603	0.00043	0.00173	0.0000282	0.0000579	0.0000262	0.0145	0.00000463	0.0000192	0.000249	0.0014
2028 Dec	21	0.0149	0.0179	0.001	3.45	0.0256	3.26	0.00000461	0.00243	0.000317	0.00464	0.00685	0.00000987	3.35	0.00000236	0.0000496	0.0000524	0.000241	0.00633	0.00000233	0.725	0.000508	1.12	0.00245	0.0000784	0.684	0.000625	0.00132	0.0000284	0.0000583	0.0000262	0.0161	0.00000461	0.000021	0.000249	0.00139
2029 Jan	21	0.0149	0.0179	0.001	3.45	0.0256	3.26	0.00000461	0.00243	0.000317	0.00464	0.00685	0.00000987	3.35	0.00000236	0.0000496	0.0000524	0.000241	0.00633	0.00000233	0.725	0.000508	1.12	0.00245	0.0000784	0.684	0.000625	0.00132	0.0000284	0.0000583	0.0000262	0.0161	0.00000461	0.000021	0.000249	0.00139
2029 Feb	20.9	0.0131	0.0121	0.000787	3.32	0.0261	3.2	0.00000478	0.00242	0.000273	0.00479	0.00687	0.00000992	3.31	0.00000242	0.0000498	0.0000514	0.000245	0.00576	0.0000024	0.727	0.000505	1.13	0.0017	0.0000555	0.693	0.000563	0.00131	0.0000269	0.0000548	0.0000257	0.0156	0.00000478	0.0000179	0.00025	0.00144
2029 Mar	23	0.0148	0.0117	0.000714	3.67	0.0288	3.54	0.00000483	0.00159	0.000272	0.00485	0.0081	0.00000994	3.66	0.00000244	0.0000498	0.000051	0.000246	0.00557	0.00000243	0.829	0.000504	1.27	0.00142	0.0000478	0.788	0.000753	0.00149	0.0000265	0.0000535	0.0000255	0.0171	0.00000484	0.0000184	0.00025	0.00146
2029 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2029 May	23.7	0.00885	0.00356	0.000538	3.68	0.0299	3.63	0.00000497	0.00231	0.000228	0.00497	0.00794	0.00000999	3.54	0.00000249	0.00005	0.0000502	0.000249	0.0051	0.00000249	0.799	0.000501	1.25	0.00075	0.000029	0.79	0.000698	0.00101	0.0000253	0.0000506	0.0000251	0.0171	0.00000497	0.000016	0.00025	0.00149
2029 Jun	28.1	0.0148	0.0196	0.00103	5.93	0.0332	4.11	0.00000455	0.00168	0.000376	0.00458	0.00944	0.00000978	4.45	0.00000234	0.0000493	0.0000759	0.00024	0.00629	0.00000231	0.964	0.000508	1.47	0.00239	0.0000817	0.881	0.000825	0.00196	0.0000293	0.0000585	0.0000263	0.0234	0.00000456	0.000022	0.000247	0.00138
2029 Jul	18.5	0.00401	0.00631	0.000629	3.76	0.0249	2.63	0.0000049	0.00472	0.000236	0.00491	0.00644	0.00000996	3.08	0.00000246	0.0000499	0.0000887	0.000248	0.0138	0.00000246	0.627	0.000503	1.01	0.00289	0.0000389	0.607	0.000699	0.00103	0.0000256	0.0000521	0.0000254	0.0151	0.0000049	0.0000182	0.00025	0.00147
2029 Aug	19.6	0.00649	0.0127	0.000844	4.09	0.0247	2.82	0.00000474	0.00429	0.000289	0.00476	0.00613	0.0000099	3.24	0.0000024	0.0000498	0.000052	0.000245	0.0128	0.00000239	0.666	0.000509	0.959	0.00249	0.0000695	0.601	0.000514	0.00108	0.0000263	0.0000557	0.000026	0.0166	0.00000474	0.000022	0.000249	0.00143
2029 Sep	20.1	0.0121	0.0113	0.000795	3.87	0.0248	3.11	0.00000475	0.00349	0.000269	0.00477	0.00601	0.00000987	3.26	0.0000024	0.0000496	0.0000515	0.000244	0.0117	0.00000239	0.653	0.000506	1.02	0.00207	0.0000568	0.624	0.000364	0.00106	0.0000256	0.0000547	0.0000317	0.017	0.00000475	0.0000194	0.000248	0.00143
2029 Oct	25.1	0.00476	0.00987	0.000696	5.34	0.0333	3.65	0.00000482	0.00579	0.000299	0.00483	0.00724	0.00000989	3.95	0.00000636	0.0000496	0.000101	0.000374	0.00873	0.00000242	0.847	0.000503	1.28	0.00166	0.0000462	0.733	0.000699	0.00103	0.000714	0.0000851	0.0000255	0.0212	0.00000483	0.0000182	0.000248	0.00241
2029 Nov	19	0.0119	0.0151	0.000915	3.09	0.0234	2.91	0.00000462	0.00315	0.000284	0.00465	0.00575	0.00000976	3	0.00000236	0.0000492	0.0000518	0.000241	0.00614	0.00000233	0.636	0.000507	0.99	0.00224	0.0000701	0.602	0.000408	0.00172	0.0000281	0.0000565	0.000026	0.0145	0.00000463	0.0000184	0.000246	0.0014
2029 Dec	21.1	0.0142	0.0172	0.00094	3.46	0.0256	3.23	0.0000046	0.00242	0.000301	0.00462	0.00684	0.00000975	3.34	0.00000235	0.0000491	0.0000519	0.00024	0.0062	0.00000232	0.725	0.000508	1.12	0.00232	0.0000727	0.683	0.000602	0.00132	0.0000283	0.0000569	0.0000261	0.0161	0.0000046	0.0000203	0.000246	0.00139
2030 Jan	21.1	0.0142	0.0172	0.00094	3.46	0.0256	3.23	0.0000046	0.00242	0.000301	0.00462	0.00684	0.00000975	3.34	0.00000235	0.0000491	0.0000519	0.00024	0.0062	0.00000232	0.725	0.000508	1.12	0.00232	0.0000727	0.683	0.000602	0.00132	0.0000283	0.0000569	0.0000261	0.0161	0.0000046	0.0000203	0.000246	0.00139
2030 Feb	20.9	0.0127	0.0116	0.000751	3.33	0.0261	3.18	0.00000477	0.00241	0.000264	0.00479	0.00686	0.00000986	3.3	0.00000242	0.0000495	0.0000511	0.000245	0.00569	0.0000024	0.727	0.000504	1.12	0.00162	0.0000523	0.692	0.00055	0.00131	0.0000269	0.000054	0.0000256	0.0156	0.00000477	0.0000175	0.000248	0.00144
2030 Mar	23.1	0.0144	0.0107	0.000666	3.66	0.0289	3.52	0.00000485	0.00157	0.000261	0.00486	0.00812	0.00000991	3.66	0.00000244	0.0000497	0.0000507	0.000246	0.00545	0.00000243	0.83	0.000503	1.27	0.00128	0.000043	0.79	0.000739	0.00149	0.0000262	0.0000526	0.0000254	0.0171	0.00000485	0.0000178	0.000248	0.00146
2030 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2030 May	23.7	0.00883	0.00362	0.000537	3.68	0.0299	3.63	0.00000497	0.0023	0.000227	0.00497	0.00794	0.00000998	3.54	0.00000249	0.0000499	0.0000502	0.000249	0.0051	0.00000249	0.799	0.000501	1.25	0.000753	0.000029	0.79	0.000697	0.00101	0.0000254	0.0000506	0.0000251	0.0171	0.00000497	0.000016	0.00025	0.00149
2030 Jun	28.2	0.0141	0.0188	0.00096	5.93	0.0331	4.08	0.00000454	0.00167	0.000359	0.00457	0.00942	0.00000965	4.44	0.00000233	0.0000487	0.0000753	0.000239	0.00615	0.0000023	0.964	0.000507	1.47	0.00224	0.0000755	0.88	0.000801	0.00195	0.0000291	0.000057	0.0000261	0.0233	0.00000454	0.0000211	0.000244	0.00137

Appendix C16: DS2

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2030 Jul	18.5	0.00383	0.00609	0.000613	3.76	0.0248	2.62	0.0000049	0.00472	0.000232	0.0049	0.00644	0.00000993	3.08	0.00000246	0.0000498	0.0000885	0.000248	0.0138	0.00000245	0.627	0.000503	1.01	0.00285	0.0000374	0.607	0.000693	0.00103	0.0000256	0.0000518	0.0000253	0.0151	0.0000049	0.000018	0.000249	0.00147
2030 Aug	19.5	0.00575	0.0113	0.000776	4.08	0.0247	2.79	0.00000475	0.00431	0.000273	0.00477	0.00611	0.00000984	3.22	0.0000024	0.0000495	0.0000515	0.000244	0.0127	0.00000239	0.665	0.000508	0.954	0.00231	0.000063	0.6	0.00049	0.00106	0.0000262	0.0000544	0.0000258	0.0165	0.00000476	0.0000212	0.000247	0.00143
2030 Sep	20.1	0.0118	0.0112	0.000768	3.88	0.0247	3.1	0.00000473	0.00348	0.000262	0.00475	0.00601	0.00000979	3.26	0.00000239	0.0000493	0.0000512	0.000243	0.0116	0.00000238	0.653	0.000506	1.02	0.00202	0.0000547	0.623	0.000355	0.00106	0.0000256	0.000054	0.0000316	0.017	0.00000474	0.0000191	0.000246	0.00143
2030 Oct	25.1	0.00455	0.00966	0.000675	5.34	0.0333	3.63	0.00000481	0.00577	0.000294	0.00482	0.00724	0.00000984	3.95	0.00000635	0.0000494	0.000101	0.000373	0.00868	0.00000242	0.846	0.000503	1.28	0.00162	0.0000444	0.733	0.000691	0.00103	0.000713	0.0000845	0.0000254	0.0212	0.00000482	0.000018	0.000247	0.00241
2030 Nov	19	0.0114	0.0144	0.000863	3.1	0.0233	2.88	0.00000461	0.00314	0.000271	0.00463	0.00574	0.00000967	2.99	0.00000235	0.0000488	0.0000513	0.00024	0.00603	0.00000233	0.635	0.000506	0.988	0.00213	0.0000654	0.602	0.000389	0.00172	0.0000279	0.0000553	0.0000259	0.0145	0.00000462	0.0000178	0.000243	0.00139
2030 Dec	21.1	0.0136	0.0165	0.000884	3.46	0.0255	3.2	0.00000459	0.0024	0.000288	0.00461	0.00683	0.00000965	3.33	0.00000235	0.0000487	0.0000514	0.000239	0.00609	0.00000232	0.725	0.000507	1.11	0.00219	0.0000677	0.683	0.000582	0.00131	0.0000281	0.0000557	0.0000259	0.0161	0.00000459	0.0000196	0.000243	0.00139
2031 Jan	21.1	0.0136	0.0165	0.000884	3.46	0.0255	3.2	0.00000459	0.0024	0.000287	0.00461	0.00683	0.00000965	3.33	0.00000235	0.0000487	0.0000514	0.000239	0.00609	0.00000232	0.725	0.000507	1.11	0.00219	0.0000677	0.683	0.000582	0.00131	0.0000281	0.0000557	0.0000259	0.0161	0.00000459	0.0000196	0.000243	0.00139
2031 Feb	20.9	0.0124	0.0112	0.000719	3.33	0.026	3.17	0.00000476	0.0024	0.000256	0.00478	0.00686	0.0000098	3.3	0.00000241	0.0000492	0.0000508	0.000244	0.00562	0.00000239	0.727	0.000504	1.12	0.00155	0.0000494	0.692	0.000538	0.0013	0.0000268	0.0000532	0.0000255	0.0156	0.00000477	0.0000171	0.000246	0.00144
2031 Mar	23.1	0.0142	0.0105	0.000648	3.67	0.0288	3.51	0.00000484	0.00157	0.000257	0.00485	0.00811	0.00000986	3.66	0.00000244	0.0000495	0.0000505	0.000246	0.00542	0.00000243	0.83	0.000503	1.27	0.00125	0.0000414	0.789	0.000732	0.00149	0.0000262	0.0000522	0.0000253	0.0171	0.00000484	0.0000176	0.000247	0.00146
2031 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2031 May	23.7	0.00878	0.00356	0.000532	3.68	0.0299	3.63	0.00000497	0.0023	0.000226	0.00497	0.00793	0.00000997	3.54	0.00000249	0.0000499	0.0000501	0.000249	0.00509	0.00000249	0.799	0.000501	1.25	0.000743	0.0000286	0.79	0.000695	0.00101	0.0000253	0.0000505	0.0000251	0.0171	0.00000497	0.000016	0.000249	0.00149
2031 Jun	28.2	0.0135	0.018	0.000903	5.94	0.0331	4.05	0.00000453	0.00165	0.000345	0.00455	0.00941	0.00000954	4.43	0.00000232	0.0000482	0.0000748	0.000238	0.00603	0.00000229	0.963	0.000506	1.46	0.00211	0.0000704	0.879	0.00078	0.00194	0.0000289	0.0000557	0.0000259	0.0233	0.00000453	0.0000204	0.00024	0.00137
2031 Jul	18.5	0.0037	0.00593	0.0006	3.76	0.0248	2.61	0.00000489	0.00471	0.000229	0.0049	0.00644	0.0000099	3.08	0.00000246	0.0000497	0.0000884	0.000247	0.0138	0.00000245	0.627	0.000503	1.01	0.00282	0.0000362	0.607	0.000688	0.00102	0.0000256	0.0000515	0.0000253	0.0151	0.00000489	0.0000179	0.000248	0.00147
2031 Aug	19.6	0.00566	0.0116	0.000764	4.1	0.0246	2.78	0.00000472	0.00428	0.000269	0.00474	0.00612	0.00000976	3.22	0.00000239	0.0000491	0.0000513	0.000243	0.0126	0.00000238	0.666	0.000508	0.954	0.00232	0.0000623	0.6	0.000485	0.00106	0.0000261	0.0000539	0.0000257	0.0166	0.00000473	0.0000211	0.000245	0.00142
2031 Sep	20.2	0.0114	0.0108	0.000736	3.88	0.0247	3.08	0.00000473	0.00347	0.000254	0.00474	0.00601	0.00000973	3.26	0.00000239	0.000049	0.0000509	0.000243	0.0115	0.00000238	0.653	0.000505	1.02	0.00195	0.0000518	0.623	0.000343	0.00105	0.0000255	0.0000533	0.0000315	0.017	0.00000473	0.0000187	0.000244	0.00142
2031 Oct	25.1	0.00433	0.0094	0.000654	5.35	0.0332	3.62	0.00000481	0.00577	0.000288	0.00482	0.00724	0.0000098	3.95	0.00000635	0.0000492	0.000101	0.000373	0.00864	0.00000241	0.846	0.000503	1.28	0.00157	0.0000426	0.732	0.000683	0.00103	0.000713	0.000084	0.0000254	0.0212	0.00000481	0.0000177	0.000246	0.0024
2031 Nov	19.1	0.0109	0.0138	0.000819	3.11	0.0233	2.86	0.0000046	0.00313	0.00026	0.00462	0.00574	0.00000959	2.99	0.00000235	0.0000484	0.000051	0.000239	0.00594	0.00000232	0.635	0.000506	0.986	0.00203	0.0000614	0.601	0.000373	0.00171	0.0000278	0.0000544	0.0000257	0.0145	0.00000461	0.0000172	0.000241	0.00139
2031 Dec	21.1	0.0132	0.0158	0.000838	3.47	0.0255	3.18	0.00000458	0.00239	0.000276	0.0046	0.00683	0.00000956	3.32	0.00000234	0.0000483	0.000051	0.000239	0.00599	0.00000231	0.725	0.000506	1.11	0.00209	0.0000636	0.682	0.000566	0.0013	0.000028	0.0000546	0.0000258	0.016	0.00000459	0.000019	0.000241	0.00138
2032 Jan	21.1	0.0132	0.0158	0.000838	3.47	0.0255	3.18	0.00000458	0.00239	0.000276	0.0046	0.00683	0.00000956	3.32	0.00000234	0.0000483	0.000051	0.000239	0.00599	0.00000231	0.725	0.000506	1.11	0.00209	0.0000636	0.682	0.000566	0.0013	0.000028	0.0000546	0.0000258	0.016	0.00000459	0.000019	0.000241	0.00138
2032 Feb	20.9	0.0121	0.0106	0.000686	3.33	0.026	3.15	0.00000477	0.0024	0.000249	0.00478	0.00686	0.00000976	3.29	0.00000241	0.0000491	0.0000506	0.000244	0.00555	0.00000239	0.727	0.000503	1.12	0.00146	0.0000463	0.692	0.000527	0.0013	0.0000266	0.0000525	0.0000254	0.0155	0.00000477	0.0000167	0.000245	0.00144
2032 Mar	23.1	0.0141	0.0106	0.00064	3.68	0.0287	3.5	0.00000483	0.00157	0.000254	0.00483	0.0081	0.00000982	3.65	0.00000243	0.0000493	0.0000504	0.000245	0.00541	0.00000242	0.829	0.000502	1.27	0.00125	0.000041	0.788	0.000727	0.00148	0.0000262	0.0000519	0.0000253	0.0171	0.00000483	0.0000175	0.000246	0.00145
2032 Apr	20.8	0.00615	0.0025	0.0005	1.58	0.0335	3.73	0.000005	0.0015	0.000235	0.005	0.00667	0.00001	2.98	0.0000025	0.00005	0.00005	0.00025	0.005	0.0000025	0.765	0.0005	1.08	0.000575	0.000025	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000155	0.00025	0.0015
2032 May	23.7	0.00874	0.00349	0.000528	3.68	0.0299	3.63	0.00000497	0.0023	0.000225	0.00497	0.00793	0.00000997	3.54	0.00000249	0.0000499	0.0000501	0.000249	0.00508	0.00000248	0.799	0.000501	1.25	0.000733	0.0000282	0.79	0.000694	0.00101	0.0000253	0.0000504	0.0000251	0.0171	0.00000497	0.0000159	0.000249	0.00149
2032 Jun	28.3	0.013	0.0174	0.000855	5.95	0.033	4.02	0.00000452	0.00164	0.000333	0.00454	0.00941	0.00000945	4.42	0.00000232	0.0000478	0.0000744	0.000237	0.00593	0.00000228	0.963	0.000505	1.46	0.00201	0.0000661	0.878	0.000763	0.00193	0.0000288	0.0000546	0.0000257	0.0233	0.00000452	0.0000198	0.000238	0.00137
2032 Jul	18.5	0.00358	0.00578	0.000588	3.77	0.0248	2.61	0.00000489	0.00471	0.000226	0.0049	0.00644	0.00000988	3.08	0.00000246	0.0000496	0.0000883	0.000247	0.0138	0.00000245	0.627	0.000503	1.01	0.0028	0.0000352	0.607	0.000684	0.00102	0.0000255	0.0000512	0.0000252	0.0151	0.00000489	0.0000177	0.000247	0.00147
2032 Aug	19.7	0.00543	0.0115	0.000741	4.11	0.0245	2.77	0.00000471	0.00426	0.000263	0.00472	0.00612	0.00000969	3.22	0.00000238	0.0000488	0.0000511	0.000242	0.0125	0.00000237	0.666	0.000508	0.953	0.00228	0.0000604	0.6	0.000476	0.00106	0.0000261	0.0000533	0.0000257	0.0166	0.00000471	0.0000208	0.000243	0.00142
2032 Sep	20.2	0.0111	0.0103	0.000706	3.88	0.0247	3.06	0.00000472	0.00346	0.000247	0.00474	0.006	0.00000968	3.25	0.00000238	0.0000488	0.0000507	0.000242	0.0115	0.00000237	0.653	0.000505	1.02	0.00188	0.0000491	0.622	0.000332	0.00105	0.0000254	0.0000526	0.0000314	0.017	0.00000473	0.0000184	0.000243	0.00142
2032 Oct	25.1	0.00419	0.0093	0.00064	5.35	0.0332	3.61	0.0000048	0.00575	0.000284	0.00481	0.00723	0.00000976	3.94	0.00000633	0.0000491	0.0001	0.000372	0.00861	0.00000241	0.846	0.000502	1.28	0.00155	0.0000414	0.732	0.000677	0.00103	0.000711	0.0000836	0.0000253	0.0212	0.0000048	0.0000175	0.000245	0.0024
2032 Nov	19.1	0.0106	0.0133	0.000782	3.11	0.0233	2.84	0.0000046	0.00312	0.000251	0.00461	0.00573	0.00000951	2.98	0.00000234	0.0000481	0.0000507	0.000239	0.00587	0.00000231	0.635	0.000505	0.983	0.00195	0.0000581	0.6	0.00036	0.0017	0.0000278	0.0000535	0.0000256	0.0144	0.0000046	0.0000168	0.000239	0.00139
2032 Dec	21.2	0.0127	0.0153	0.000798	3.48	0.0254	3.16	0.00000457	0.00238	0.000266	0.00459	0.00682	0.00000948	3.31	0.00000233	0.000048	0.0000507	0.000238	0.00592	0.0000023	0.724	0.000505	1.11	0.002	0.00006	0.681	0.000551	0.00129	0.000028	0.0000537	0.0000257	0.016	0.00000458	0.0000185	0.000238	0.00138
2033 Jan	21.2	0.0127	0.0153	0.000798	3.48	0.0254	3.16	0.00000457	0.00238	0.000266	0.00459	0.00682	0.00000948	3.31	0.00000233	0.000048	0.0000507	0.000238	0.00592	0.0000023	0.724	0.000505	1.11	0.002	0.00006	0.681	0.000551	0.00129	0.000028	0.0000537	0.0000257	0.016	0.00000458	0.0000185	0.000238	0.00138
2033 Feb	21	0.0119	0.0106	0.00067	3.34	0.026	3.14	0.00000476	0.00239	0.000244	0.00477	0.00685	0.00000971	3.29	0.00000241	0.0000488	0.0000504	0.000243	0.00552	0.00000239	0.727	0.000503	1.12	0.00144	0.000045	0.691	0.000521	0.0013	0.0000267	0.0000521	0.0000254	0.0155	0.00000476	0.0000165	0.000243	0.00143
2033 Mar	23.1	0.0138	0.00958	0.0006	3.66	0.0289	3.5	0.00000486	0.00155	0.000246	0.00486	0.00812	0.00000983	3.65	0.00000244	0.0000493	0.0000502	0.000246	0.00531	0.00000243	0.831	0.000502	1.27	0.00111	0.0000368	0.791	0.000719	0.00148	0.000026	0.0000512	0.0000252	0.017	0.00000486	0.000017	0.000246	0.00146
2033 Apr	20.8	0.00618	0.00264	0.000504	1.59	0.0335	3.73	0.00000499	0.0015	0.000236	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000591	0.0000254	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.000005	0.0000156	0.00025	0.0015
2033 May	23.7	0.00871	0.00349	0.000526	3.68	0.0298	3.63	0.00000496	0.0023	0.000224	0.00497	0.00793	0.00000996	3.54	0.00000249	0.0000498	0.0000501	0.000249	0.00508	0.00000248	0.799	0.000501	1.25	0.00073	0.000028	0.79	0.000693	0.001	0.0000253	0.0000503	0.0000251	0.0171	0.00000497	0.0000159	0.000249	0.00149
2033 Jun	28.3	0.0126	0.0169	0.000815	5.95	0.033	4	0.00000451	0.00163	0.000322	0.00453	0.0094	0.00000937	4.41	0.00000231	0.0000475	0.0000741	0.000236	0.00585	0.00000227	0.963	0.000505	1.46	0.00192	0.0000625	0.878	0.000748	0.00193	0.0000288	0.0000537	0.0000256	0.0233	0.00000452	0.0000193	0.000236	0.00136
2033 Jul	18.6	0.00347	0.00565	0.000578	3.77	0.0248	2.6	0.00000489	0.00471	0.000224	0.00489	0.00644	0.00000986	3.07	0.00000246	0.0000495	0.0000882	0.000247	0.0137	0.00000245	0.627	0.000502	1.01	0.00278	0.0000343	0.607	0.00068	0.00102	0.0000255	0.000051	0.0000252	0.0151	0.00000489	0.0000176	0.000247	0.00147
2033 Aug	19.7	0.00505	0.0108	0.000706	4.1	0.0245	2.75	0.00000472	0.00426	0.000254	0.00473	0.00611	0.00000965	3.22	0.00000238	0.0000487	0.0000509	0.000242	0.0125	0.00000237	0.666	0.000507	0.951	0.00219	0.0000571	0.599	0.000464	0.00106	0.000026	0.0000526	0.0000256	0.0166	0.00000472	0.0000203	0.000242	0.00142
2033 Sep	20.2	0.0109	0.0101	0.000684	3.89	0.0246	3.05	0.00000472	0.00346	0.000241	0.00473	0.006	0.00000964	3.25	0.00000238	0.0000486	0.0000505	0.000242	0.0114	0.00000237	0.653	0.000505	1.02	0.00184	0.0000471	0.622	0.000325	0.00104	0.0000254	0.0000521	0.0000314	0.017	0.00000472	0.0000181	0.000242	0.00142
2033 Oct	25.1	0.00396	0.0089	0.000619	5.35	0.0332	3.61	0.00000481	0.00576	0.00028	0.00481	0.00723	0.00000974	3.94	0.00000635	0.000049	0.0001	0.000372	0.00857	0.00000241	0.846	0.000502	1.28	0.00149	0.0000394	0.732	0.000671	0.00102	0.000713	0.0000833	0.0000253	0.0212	0.00000481	0.0000173	0.000244	0.0024
2033 Nov	19.1	0.0102	0.0129	0.000749	3.12	0.0232	2.82	0.00000459	0.00311	0.000243	0.00461	0.00573	0.00000946	2.97	0.00000234	0.0000478	0.0000504	0.000238	0.00579	0.00000231	0.635	0.000504	0.982	0.00187	0.0000551	0.6	0.000348	0.0017	0.0000278	0.0000528	0.0000255	0.0144	0.0000046	0.0000164	0.000237	0.00139
2033 Dec	21.2	0.0124	0.0149	0.000764	3.48	0.0254	3.14	0.00000457	0.00238	0.000257	0.00458	0.00681	0.00000942	3.31	0.00000233	0.0000477	0.0000504	0.000237	0.00584	0.0000023	0.724	0.000505	1.11	0.00193	0.000057	0.681	0.000539	0.00129	0.000028	0.0000529	0.0000256	0.016	0.00000457	0.0000181	0.000237	0.00138
2034 Jan	21.2	0.0124	0.0149	0.000764	3.48	0.0254	3.14	0.00000457	0.00238	0.000257	0.00458	0.00681	0.00000942	3.31	0.00000233	0.0000477	0.0000504	0.000237	0.00584	0.0000023	0.724	0.000505	1.11	0.00193	0.000057	0.681	0.000539	0.00129	0.000028	0.0000529	0.0000256	0.016	0.00000457	0.0000181	0.000237	0.00138
2034 Feb	21	0.0117	0.0103	0.000651	3.34	0.026	3.13	0.00000475	0.00239	0.000239	0.00476	0.00685	0.00000967	3.28	0.0000024	0.0000487	0.0000503	0.000243	0.00548	0.00000238	0.727	0.000503	1.12	0.0014	0.0000433	0.691	0.000514	0.00129	0.0000267	0.0000517	0.0000253	0.0155	0.00000475	0.0000162	0.000242	0.00143
2034 Mar	23.1	0.0137	0.00935	0.000587	3.66	0.0289	3.49	0.00000486	0.00155	0.000243	0.00486	0.00812	0.00000981	3.65	0.00000244	0.0000492	0.0000501	0.000246	0.00528	0.00000243	0.831	0.000502	1.27	0.00108	0.0000355	0.791	0.000715	0.00148	0.000026	0.000051	0.0000252	0.017	0.00000486	0.0000168	0.000246	0.00146
2034 Apr	20.8	0.00618	0.00263	0.000503	1.59	0.0335	3.73	0.00000499	0.0015	0.000235	0.005	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.00059	0.0000254	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2034 May	23.7	0.00868	0.00345	0.000523	3.68	0.0298	3.62	0.00000496	0.0023	0.000224	0.00497	0.00793	0.00000995	3.54	0.00000249	0.0000498	0.0000501	0.000249	0.00507	0.00000248	0.799	0.000501	1.25	0.000723	0.0000278	0.79	0.000692	0.001	0.0000253	0.0000503	0.0000251	0.0171	0.00000496	0.0000158	0.000249	0.00149
2034 Jun	28.3	0.0123	0.0166	0.000784	5.95	0.0329	3.98	0.0000045	0.00162	0.000314	0.00451	0.00938	0.00000929	4.4	0.0000023	0.0000471	0.0000737	0.000235	0.00578	0.00000226	0.962	0.000504	1.45	0.00187	0.0000599	0.876	0.000735	0.00192	0.0000288	0.0000529	0.0000255	0.0233	0.0000045	0.000019	0.000234	0.00136
2034 Jul	18.6	0.00344	0.00572	0.000574	3.77	0.0248	2.6	0.00000488	0.00469	0.000222	0.00488	0.00644	0.00000984	3.07	0.00000245	0.0000494	0.000088	0.000247	0.0137	0.00000244	0.628	0.000502	1.01	0.00277	0.000034	0.607	0.000678	0.00102	0.0000255	0.0000508	0.0000252	0.0151	0.00000488	0.0000176	0.000246	0.00147
2034 Aug	19.7	0.00479	0.0104	0.000681	4.1	0.0245	2.74	0.00000471	0.00426	0.000248	0.00472	0.0061	0.00000961	3.21	0.00000238	0.0000485	0.0000507	0.000242	0.0125	0.00000237	0.665	0.000507	0.95	0.00213	0.0000548	0.599	0.000455	0.00105	0.0000259	0.0000521	0.0000255	0.0166	0.00000472	0.00002	0.000241	0.00142
2034 Sep	20.2	0.0107	0.00969	0.000662	3.89	0.0246	3.04	0.00000472	0.00345	0.000236	0.00473	0.00599	0.0000096	3.24	0.00000238	0.0000484	0.0000503	0.000242	0.0114	0.00000237	0.652	0.000504	1.01	0.00178	0.000045	0.622	0.000316	0.00104	0.0000253	0.0000516	0.0000313	0.017	0.00000472	0.0000178	0.000241	0.00142
2034 Oct	25.1	0.00383	0.00874	0.000606	5.35	0.0332	3.6	0.0000048	0.00576	0.000277	0.00481	0.00723	0.00000972	3.94	0.00000634	0.0000489	0.0001	0.000372	0.00855	0.00000241	0.846	0.000502	1.28	0.00147	0.0000382	0.732	0.000666	0.00102	0.000713	0.000083	0.0000252	0.0212	0.0000048	0.0000171	0.000243	0.0024
2034 Nov	19.2	0.00993	0.0125	0.000721	3.12	0.0232	2.81	0.00000459	0.00311	0.000236	0.0046	0.00572	0.0000094	2.97	0.00000234	0.0000476	0.0000502	0.000238	0.00574	0.0000023	0.635	0.000504	0.98	0.00182	0.0000527	0.6	0.000338	0.00169	0.0000277	0.0000521	0.0000254	0.0144	0.00000459	0.000016	0.000236	0.00138
2034 Dec	21.2	0.0121	0.0145	0.000735	3.48	0.0254	3.13	0.00000456	0.00237	0.00025	0.00457	0.00681	0.00000937	3.3	0.00000233	0.0000474	0.0000502	0.000237	0.00579	0.00000229	0.724	0.000504	1.1	0.00187	0.0000544	0.681	0.000528	0.00129	0.0000279	0.0000523	0.0000255	0.016	0.00000456	0.0000177	0.000235	0.00138
2035 Jan	21.2	0.0121	0.0145	0.000735	3.48	0.0254	3.13	0.00000456	0.00237	0.00025	0.00457	0.00681	0.00000937	3.3	0.00000233	0.0000474	0.0000502	0.000237	0.00579	0.00000229	0.724	0.000504	1.1	0.00187	0.0000544	0.681	0.000528	0.00129	0.0000279	0.0000523	0.0000255	0.016	0.00000456	0.0000177	0.000235	0.00138
2035 Feb	21	0.0115	0.0101	0.000634	3.34	0.026	3.12	0.00000475	0.00238	0.000235	0.00476	0.00685	0.00000964	3.28	0.0000024	0.0000485	0.0000501	0.000243	0.00545	0.00000238	0.727	0.000502	1.12	0.00136	0.0000418	0.691	0.000508	0.00129	0.0000267	0.0000513	0.0000253	0.0155	0.00000475	0.000016	0.000242	0.00143
2035 Mar	23.1	0.0136	0.00932	0.00058	3.66	0.0288	3.49	0.00000485	0.00155	0.000241	0.00486	0.00812	0.00000979	3.65	0.00000244	0.0000491	0.0000501	0.000246	0.00527	0.00000243	0.831	0.000501	1.27	0.00107	0.0000349	0.791	0.000711	0.00148	0.000026	0.0000508	0.0000252	0.017	0.00000485	0.0000167	0.000245	0.00146
2035 Apr	20.8	0.00618	0.00263	0.000503	1.59	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000589	0.0000253	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2035 May	23.7	0.00867	0.00351	0.000523	3.68	0.0298	3.62	0.00000496	0.0023	0.000223	0.00496	0.00793	0.00000994	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00508	0.00000248	0.798	0.000501	1.25	0.000729	0.0000278	0.789	0.000691	0.001	0.0000254	0.0000502	0.0000251	0.0171	0.00000496	0.0000158	0.000249	0.00149
2035 Jun	28.3	0.0119	0.016	0.00075	5.96	0.0329	3.97	0.0000045	0.00161	0.000306	0.00451	0.00939	0.00000925	4.4	0.0000023	0.0000469	0.0000735	0.000235	0.00571	0.00000226	0.962	0.000504	1.45	0.00178	0.0000567	0.877	0.000724	0.00191	0.0000286	0.0000522	0.0000254	0.0232	0.0000045	0.0000185	0.000232	0.00136
2035 Jul	18.6	0.00331	0.00545	0.000562	3.77	0.0248	2.59	0.00000489	0.0047	0.00022	0.00489	0.00643	0.00000983	3.07	0.00000245	0.0000493	0.0000881	0.000247	0.0137	0.00000245	0.627	0.000502	1.01	0.00274	0.0000329	0.606	0.000675	0.00102	0.0000255	0.0000506	0.0000252	0.0151	0.00000489	0.0000174	0.000246	0.00147
2035 Aug	19.7	0.00468	0.0105	0.000669	4.11	0.0245	2.73	0.0000047	0.00424	0.000245	0.00471	0.00611	0.00000956	3.21	0.00000238	0.0000483	0.0000505	0.000241	0.0124	0.00000236	0.666	0.000507	0.949	0.00212	0.0000539	0.599	0.00045	0.00105	0.0000259	0.0000517	0.0000255	0.0166	0.0000047	0.0000199	0.00024	0.00141
2035 Sep	20.2	0.0105	0.00945	0.000645	3.89	0.0246	3.03	0.00000472	0.00345	0.000231	0.00472	0.00599	0.00000957	3.24	0.00000238	0.0000483	0.0000502	0.000241	0.0114	0.00000236	0.652	0.000504	1.01	0.00174	0.0000435	0.622	0.00031	0.00104	0.0000253	0.0000512	0.0000312	0.017	0.00000472	0.0000176	0.00024	0.00142
2035 Oct	25.1	0.00373	0.00865	0.000596	5.35	0.0332	3.59	0.0000048	0.00575	0.000274	0.0048	0.00722	0.00000969	3.94	0.00000634	0.0000487	0.0001	0.000371	0.00852	0.0000024	0.846	0.000502	1.28	0.00145	0.0000374	0.731	0.000662	0.00102	0.000712	0.0000827	0.0000252	0.0212	0.0000048	0.000017	0.000243	0.0024
2035 Nov	19.2	0.00967	0.0121	0.000697	3.12	0.0232	2.8	0.00000458	0.0031	0.00023	0.00459	0.00571	0.00000936	2.96	0.00000234	0.0000474	0.00005	0.000237	0.00569	0.0000023	0.634	0.000503	0.979	0.00176	0.0000504	0.599	0.000329	0.00169	0.0000279	0.0000516	0.0000254	0.0144	0.00000459	0.0000157	0.000235	0.00138
2035 Dec	21.2	0.0118	0.0141	0.000709	3.49	0.0253	3.11	0.00000456	0.00236	0.000244	0.00457	0.0068	0.00000932	3.3	0.00000233	0.0000472	0.00005	0.000237	0.00574	0.00000229	0.724	0.000504	1.1	0.00181	0.000052	0.68	0.000519	0.00128	0.0000281	0.0000517	0.0000254	0.016	0.00000456	0.0000174	0.000234	0.00138
2036 Jan	21.2	0.0118	0.0141	0.000709	3.49	0.0253	3.11	0.00000456	0.00236	0.000244	0.00457	0.0068	0.00000932	3.3	0.00000233	0.0000472	0.00005	0.000237	0.00574	0.00000229	0.724	0.000504	1.1	0.00181	0.000052	0.68	0.000519	0.00128	0.0000281	0.0000517	0.0000254	0.016	0.00000456	0.0000174	0.000234	0.00138
2036 Feb	21	0.0113	0.00969	0.000615	3.34	0.026	3.12	0.00000476	0.00238	0.000231	0.00476	0.00684	0.00000963	3.28	0.0000024	0.0000485	0.00005	0.000243	0.00541	0.00000238	0.727	0.000502	1.12	0.00131	0.0000399	0.691	0.000502	0.00129	0.0000267	0.0000509	0.0000252	0.0155	0.00000476	0.0000158	0.000241	0.00143
2036 Mar	23.1	0.0135	0.00886	0.000564	3.66	0.0289	3.49	0.00000487	0.00154	0.000238	0.00487	0.00813	0.00000979	3.65	0.00000245	0.0000492	0.00005	0.000246	0.00522	0.00000244	0.832	0.000501	1.27	0.00101	0.0000332	0.792	0.000708	0.00148	0.0000259	0.0000505	0.0000251	0.017	0.00000487	0.0000165	0.000245	0.00146
2036 Apr	20.8	0.00618	0.00266	0.000503	1.59	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000593	0.0000254	0.739	0.000685	0.0013	0.000025	0.00005	0.000025	0.0126	0.00000499	0.0000156	0.00025	0.0015
2036 May	23.7	0.00864	0.00347	0.00052	3.68	0.0298	3.62	0.00000496	0.0023	0.000223	0.00496	0.00793	0.00000994	3.54	0.00000249	0.0000498	0.00005	0.000249	0.00507	0.00000248	0.798	0.000501	1.25	0.000722	0.0000276	0.789	0.00069	0.001	0.0000254	0.0000502	0.000025	0.0171	0.00000496	0.0000158	0.000249	0.00149
2036 Jun	28.4	0.0116	0.0156	0.000723	5.96	0.0329	3.96	0.0000045	0.00161	0.000299	0.00451	0.00938	0.0000092	4.4	0.0000023	0.0000467	0.0000733	0.000234	0.00565	0.00000226	0.962	0.000503	1.45	0.00172	0.0000542	0.876	0.000715	0.00191	0.0000287	0.0000516	0.0000253	0.0232	0.0000045	0.0000182	0.000231	0.00136
2036 Jul	18.6	0.00326	0.00541	0.000557	3.77	0.0248	2.59	0.00000488	0.0047	0.000218	0.00489	0.00643	0.00000982	3.07	0.00000245	0.0000493	0.000088	0.000247	0.0137	0.00000244	0.627	0.000502	1.01	0.00273	0.0000324	0.606	0.000672	0.00102	0.0000255	0.0000505	0.0000251	0.0151	0.00000488	0.0000174	0.000246	0.00147
2036 Aug	19.7	0.00436	0.0097	0.000641	4.1	0.0245	2.72	0.00000472	0.00427	0.000239	0.00472	0.00609	0.00000956	3.2	0.00000238	0.0000483	0.0000504	0.000242	0.0124	0.00000236	0.665	0.000506	0.947	0.00203	0.0000511	0.598	0.000441	0.00104	0.0000259	0.0000512	0.0000254	0.0165	0.00000472	0.0000195	0.00024	0.00142
2036 Sep	20.2	0.0104	0.00943	0.000633	3.9	0.0246	3.03	0.00000471	0.00344	0.000228	0.00471	0.00599	0.00000953	3.24	0.00000237	0.0000481	0.0000501	0.000241	0.0113	0.00000236	0.652	0.000504	1.01	0.00173	0.0000426	0.621	0.000306	0.00103	0.0000253	0.0000509	0.0000312	0.017	0.00000471	0.0000175	0.000239	0.00142
2036 Oct	25.1	0.00374	0.00894	0.000595	5.35	0.033	3.58	0.00000478	0.00572	0.000272	0.00478	0.00721	0.00000964	3.93	0.00000629	0.0000485	0.0000996	0.000369	0.0085	0.00000239	0.844	0.000502	1.27	0.00147	0.0000376	0.73	0.000659	0.00102	0.000706	0.0000822	0.0000252	0.0211	0.00000478	0.000017	0.000241	0.00238
2036 Nov	19.2	0.00947	0.0119	0.000678	3.12	0.0231	2.79	0.00000458	0.0031	0.000225	0.00459	0.00571	0.00000932	2.96	0.00000233	0.0000472	0.0000498	0.000237	0.00566	0.0000023	0.634	0.000503	0.977	0.00172	0.0000488	0.599	0.000322	0.00169	0.0000279	0.0000512	0.0000253	0.0144	0.00000458	0.0000155	0.000234	0.00138
2036 Dec	21.3	0.0116	0.0141	0.000693	3.5	0.0253	3.1	0.00000454	0.00236	0.000239	0.00455	0.00679	0.00000926	3.29	0.00000232	0.000047	0.0000498	0.000236	0.00571	0.00000228	0.723	0.000503	1.1	0.00179	0.0000508	0.679	0.000512	0.00128	0.0000282	0.0000513	0.0000253	0.016	0.00000455	0.0000172	0.000232	0.00137
2037 Jan	21.3	0.0118	0.0156	0.000723	3.55	0.025	3.1	0.00000447	0.00235	0.000243	0.00448	0.00678	0.00000915	3.3	0.00000229	0.0000465	0.0000498	0.000234	0.00582	0.00000225	0.722	0.000504	1.1	0.00196	0.0000548	0.675	0.000517	0.00127	0.0000287	0.0000515	0.0000254	0.0162	0.00000447	0.0000177	0.00023	0.00135
2037 Feb	21.1	0.0113	0.0107	0.000627	3.38	0.0258	3.11	0.0000047	0.00237	0.000231	0.0047	0.00683	0.00000951	3.28	0.00000238	0.000048	0.0000499	0.000241	0.00547	0.00000235	0.726	0.000502	1.11	0.00141	0.000042	0.688	0.000501	0.00128	0.0000271	0.0000508	0.0000252	0.0156	0.0000047	0.0000161	0.000238	0.00142
2037 Mar	23.1	0.0134	0.00866	0.000555	3.65	0.0289	3.48	0.00000487	0.00154	0.000236	0.00487	0.00813	0.00000979	3.65	0.00000245	0.0000491	0.0000499	0.000246	0.0052	0.00000244	0.832	0.000501	1.27	0.000984	0.0000323	0.792	0.000706	0.00148	0.0000259	0.0000504	0.0000251	0.017	0.00000487	0.0000164	0.000245	0.00146
2037 Apr	20.8	0.00618	0.00266	0.000503	1.6	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.00005	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000592	0.0000254	0.739	0.000685	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2037 May	23.7	0.00862	0.00345	0.000518	3.68	0.0298	3.62	0.00000496	0.0023	0.000222	0.00496	0.00793	0.00000994	3.54	0.00000248	0.0000497	0.00005	0.000249	0.00507	0.00000248	0.798	0.000501	1.25	0.000719	0.0000274	0.789	0.000689	0.001	0.0000254	0.0000501	0.000025	0.0171	0.00000496	0.0000158	0.000248	0.00149
2037 Jun	28.4	0.0114	0.0154	0.000703	5.96	0.0328	3.94	0.00000449	0.0016	0.000294	0.0045	0.00938	0.00000916	4.39	0.0000023	0.0000465	0.0000731	0.000234	0.00562	0.00000225	0.962	0.000503	1.45	0.00168	0.0000525	0.876	0.000707	0.00191	0.0000288	0.0000511	0.0000253	0.0232	0.00000449	0.000018	0.00023	0.00136
2037 Jul	18.6	0.00319	0.00531	0.000551	3.77	0.0248	2.59	0.00000488	0.0047	0.000217	0.00489	0.00643	0.00000981	3.07	0.00000245	0.0000492	0.000088	0.000246	0.0137	0.00000244	0.627	0.000502	1.01	0.00272	0.0000319	0.606	0.00067	0.00102	0.0000255	0.0000504	0.0000251	0.0151	0.00000488	0.0000173	0.000245	0.00147
2037 Aug	19.8	0.00437	0.0101	0.000639	4.12	0.0244	2.72	0.00000469	0.00423	0.000237	0.0047	0.0061	0.0000095	3.21	0.00000237	0.000048	0.0000503	0.000241	0.0123	0.00000235	0.666	0.000506	0.948	0.00205	0.0000512	0.598	0.00044	0.00105	0.0000259	0.000051	0.0000254	0.0166	0.00000469	0.0000195	0.000238	0.00141
2037 Sep	20.2	0.0102	0.00911	0.000618	3.89	0.0246	3.02	0.00000471	0.00344	0.000225	0.00472	0.00599	0.00000952	3.24	0.00000238	0.0000481	0.00005	0.000241	0.0113	0.00000236	0.652	0.000503	1.01	0.00169	0.0000411	0.621	0.000301	0.00103	0.0000253	0.0000506	0.0000312	0.017	0.00000471	0.0000173	0.000238	0.00142
2037 Oct	25.2	0.00355	0.00842	0.000579	5.35	0.0331	3.58	0.0000048	0.00575	0.000269	0.0048	0.00722	0.00000966	3.93	0.00000633	0.0000486	0.0001	0.000371	0.00849	0.0000024	0.846	0.000501	1.27	0.00141	0.0000358	0.731	0.000656	0.00102	0.000712	0.0000823	0.0000251	0.0211	0.0000048	0.0000168	0.000242	0.0024
2037 Nov	19.2	0.00929	0.0117	0.000661	3.12	0.0231	2.78	0.00000458	0.00309	0.000221	0.00458	0.00571	0.00000929	2.96	0.00000233	0.0000471	0.0000497	0.000237	0.00562	0.0000023	0.634	0.000503	0.977	0.00168	0.0000472	0.599	0.000316	0.00168	0.0000279	0.0000508	0.0000253	0.0144	0.00000458	0.0000153	0.000233	0.00138
2037 Dec	21.3	0.0114	0.0136	0.000671	3.49	0.0253	3.09	0.00000455	0.00236	0.000234	0.00456	0.00679	0.00000925	3.29	0.00000232	0.0000469	0.0000497	0.000236	0.00566	0.00000228	0.723	0.000503	1.1	0.00172	0.0000486	0.68	0.000505	0.00127	0.0000281	0.0000508	0.0000253	0.016	0.00000455	0.0000169	0.000232	0.00137
2038 Jan	21.3	0.0114	0.0136	0.000671	3.49	0.0253	3.09	0.00000455	0.00236	0.000234	0.00456	0.00679	0.00000925	3.29	0.00000232	0.0000469	0.0000497	0.000236	0.00566	0.00000228	0.723	0.000503	1.1	0.00172	0.0000486	0.68	0.000505	0.00127	0.0000281	0.0000508	0.0000253	0.016	0.00000455	0.0000169	0.000232	0.00137
2038 Feb	21	0.0111	0.0096	0.000598	3.35	0.0259	3.11	0.00000474	0.00237	0.000226	0.00475	0.00684	0.00000957	3.27	0.0000024	0.0000482	0.0000498	0.000242	0.00538	0.00000238	0.726	0.000502	1.12	0.00128	0.0000385	0.69	0.000495	0.00129	0.0000268	0.0000505	0.0000252	0.0155	0.00000474	0.0000156	0.00024	0.00143
2038 Mar	23.1	0.0133	0.00805	0.00054	3.64	0.029	3.49	0.0000049	0.00153	0.000234	0.0049	0.00815	0.00000983	3.65	0.00000246	0.0000493	0.0000499	0.000247	0.00515	0.00000245	0.834	0.000501	1.28	0.00091	0.0000305	0.795	0.000706	0.00149	0.0000257	0.0000502	0.0000251	0.0169	0.0000049	0.0000161	0.000246	0.00147
2038 Apr	20.8	0.00618	0.00267	0.000503	1.6	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.0000499	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000594	0.0000254	0.739	0.000685	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000156	0.00025	0.0015
2038 May	23.7	0.00861	0.00346	0.000517	3.68	0.0298	3.62	0.00000496	0.0023	0.000222	0.00496	0.00793	0.00000993	3.54	0.00000248	0.0000497	0.00005	0.000249	0.00507	0.00000248	0.798	0.0005	1.24	0.000719	0.0000273	0.789	0.000689	0.001	0.0000254	0.0000501	0.000025	0.0171	0.00000496	0.0000158	0.000248	0.00149
2038 Jun	28.4	0.0112	0.015	0.000681	5.97	0.0329	3.94	0.00000449	0.0016	0.000289	0.0045	0.00938	0.00000914	4.39	0.0000023	0.0000464	0.000073	0.000234	0.00557	0.00000225	0.963	0.000503	1.45	0.00162	0.0000503	0.877	0.000701	0.00191	0.0000286	0.0000507	0.0000252	0.0232	0.0000045	0.0000177	0.000229	0.00136
2038 Jul	18.6	0.00321	0.00553	0.000552	3.78	0.0248	2.59	0.00000487	0.00468	0.000216	0.00487	0.00643	0.00000978	3.07	0.00000245	0.0000491	0.0000877	0.000246	0.0136	0.00000244	0.628	0.000502	1.01	0.00273	0.0000321	0.606	0.000669	0.00102	0.0000256	0.0000503	0.0000251	0.0151	0.00000487	0.0000173	0.000245	0.00146
2038 Aug	19.6	0.004	0.0089	0.000609	4.09	0.0245	2.7	0.00000474	0.00429	0.000232	0.00474	0.00608	0.00000956	3.19	0.00000239	0.0000482	0.0000502	0.000242	0.0124	0.00000237	0.664	0.000505	0.945	0.00193	0.0000479	0.598	0.000431	0.00104	0.0000259	0.0000507	0.0000253	0.0164	0.00000474	0.0000191	0.000239	0.00142
2038 Sep	20.2	0.0101	0.00902	0.000609	3.9	0.0246	3.02	0.00000471	0.00344	0.000222	0.00471	0.00599	0.0000095	3.24	0.00000237	0.000048	0.0000499	0.000241	0.0113	0.00000236	0.652	0.000503	1.01	0.00167	0.0000403	0.621	0.000297	0.00103	0.0000253	0.0000504	0.0000311	0.017	0.00000471	0.0000171	0.000238	0.00142
2038 Oct	25.2	0.00352	0.0085	0.000574	5.35	0.0331	3.58	0.00000479	0.00573	0.000268	0.00479	0.00721	0.00000963	3.93	0.00000631	0.0000485	0.0000997	0.00037	0.00847	0.0000024	0.845	0.000501	1.27	0.00141	0.0000356	0.73	0.000653	0.00102	0.000709	0.000082	0.0000251	0.0211	0.00000479	0.0000167	0.000241	0.00239
2038 Nov	19.2	0.00914	0.0114	0.000646	3.12	0.0231	2.77	0.00000458	0.00309	0.000217	0.00458	0.0057	0.00000927	2.95	0.00000233	0.000047	0.0000496	0.000237	0.00558	0.00000229	0.634	0.000502	0.976	0.00164	0.0000458	0.599	0.000311	0.00168	0.0000281	0.0000505	0.0000252	0.0144	0.00000458	0.0000151	0.000232	0.00138
2038 Dec	21.3	0.0113	0.0134	0.000655	3.49	0.0253	3.09	0.00000455	0.00235	0.00023	0.00456	0.00679	0.00000922	3.29	0.00000232	0.0000468	0.0000496	0.000236	0.00562	0.00000228	0.723	0.000503	1.1	0.00168	0.0000471	0.679	0.0005	0.00127	0.0000283	0.0000505	0.0000252	0.016	0.00000455	0.0000167	0.000231	0.00137
2039 Jan	21.3	0.0113	0.0134	0.000655	3.49	0.0253	3.09	0.00000455	0.00235	0.00023	0.00456	0.00679	0.00000922	3.29	0.00000232	0.0000468	0.0000496	0.000236	0.00562	0.00000228	0.723	0.000503	1.1	0.00168	0.0000471	0.679	0.0005	0.00127	0.0000283	0.0000505	0.0000252	0.016	0.00000455	0.0000167	0.000231	0.00137
2039 Feb	21.1	0.0111	0.0104	0.000604	3.38	0.0258	3.1	0.0000047	0.00237	0.000225	0.0047	0.00683	0.00000948	3.28	0.00000238	0.0000478	0.0000497	0.00024	0.00541	0.00000235	0.726	0.000502	1.11	0.00136	0.0000398	0.688	0.000493	0.00128	0.0000272	0.0000503	0.0000251	0.0156	0.0000047	0.0000158	0.000237	0.00142
2039 Mar	23.1	0.0133	0.00835	0.000542	3.65	0.029	3.48	0.00000488	0.00153	0.000233	0.00488	0.00813	0.00000979	3.65	0.00000245	0.0000491	0.0000499	0.000246	0.00517	0.00000244	0.832	0.000501	1.27	0.000942	0.000031	0.793	0.000703	0.00148	0.0000259	0.0000501	0.0000251	0.0169	0.00000488	0.0000162	0.000245	0.00147
2039 Apr	20.8	0.00618	0.00267	0.000503	1.6	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.0000499	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000593	0.0000254	0.739	0.000685	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2039 May	23.7	0.00859	0.00344	0.000515	3.68	0.0298	3.62	0.00000496	0.0023	0.000221	0.00496	0.00793	0.00000993	3.54	0.00000248	0.0000497	0.00005	0.000249	0.00506	0.00000248	0.798	0.0005	1.24	0.000715	0.0000272	0.789	0.000688	0.001	0.0000254	0.0000501	0.000025	0.0171	0.00000496	0.0000158	0.000248	0.00149

Appendix C16: DS2

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2039 Jun	28.4	0.0111	0.0148	0.000666	5.97	0.0328	3.93	0.00000449	0.00159	0.000285	0.00449	0.00938	0.0000091	4.39	0.0000023	0.0000463	0.0000729	0.000234	0.00553	0.00000225	0.962	0.000502	1.45	0.00158	0.000049	0.876	0.000695	0.0019	0.0000288	0.0000503	0.0000252	0.0232	0.00000449	0.0000175	0.000228	0.00136
2039 Jul	18.6	0.00315	0.00539	0.000546	3.78	0.0248	2.58	0.00000487	0.00468	0.000215	0.00487	0.00643	0.00000978	3.07	0.00000245	0.0000491	0.0000878	0.000246	0.0136	0.00000244	0.628	0.000502	1.01	0.00271	0.0000316	0.606	0.000667	0.00102	0.0000255	0.0000502	0.0000251	0.0151	0.00000487	0.0000172	0.000245	0.00146
2039 Aug	19.6	0.00391	0.00881	0.000601	4.09	0.0245	2.7	0.00000473	0.00428	0.00023	0.00474	0.00608	0.00000954	3.19	0.00000239	0.0000481	0.0000501	0.000242	0.0124	0.00000237	0.664	0.000505	0.945	0.00191	0.0000471	0.598	0.000427	0.00104	0.0000259	0.0000505	0.0000253	0.0164	0.00000473	0.000019	0.000239	0.00142
2039 Sep	20.3	0.01	0.00897	0.000601	3.9	0.0246	3.01	0.0000047	0.00344	0.00022	0.00471	0.00598	0.00000948	3.23	0.00000237	0.0000479	0.0000498	0.00024	0.0113	0.00000235	0.652	0.000503	1.01	0.00165	0.0000396	0.621	0.000295	0.00103	0.0000253	0.0000502	0.0000311	0.017	0.0000047	0.0000171	0.000237	0.00141
2039 Oct	25.2	0.00344	0.00837	0.000568	5.35	0.0331	3.57	0.00000479	0.00573	0.000266	0.00479	0.00721	0.00000962	3.93	0.00000632	0.0000484	0.0000997	0.00037	0.00846	0.0000024	0.845	0.000501	1.27	0.00139	0.000035	0.73	0.000651	0.00101	0.00071	0.0000819	0.0000251	0.0211	0.00000479	0.0000167	0.000241	0.00239
2039 Nov	19.2	0.00902	0.0113	0.000634	3.12	0.0231	2.76	0.00000457	0.00309	0.000214	0.00458	0.0057	0.00000925	2.95	0.00000233	0.0000469	0.0000495	0.000236	0.00556	0.00000229	0.634	0.000502	0.975	0.00162	0.0000448	0.598	0.000306	0.00168	0.0000281	0.0000502	0.0000252	0.0144	0.00000458	0.0000149	0.000232	0.00138
2039 Dec	21.3	0.0111	0.0132	0.000643	3.49	0.0253	3.08	0.00000455	0.00235	0.000227	0.00455	0.00679	0.0000092	3.28	0.00000232	0.0000467	0.0000494	0.000235	0.0056	0.00000228	0.723	0.000502	1.1	0.00166	0.000046	0.679	0.000495	0.00127	0.0000284	0.0000502	0.0000252	0.016	0.00000455	0.0000166	0.00023	0.00137
2040 Jan	21.3	0.0111	0.0132	0.000643	3.49	0.0253	3.08	0.00000455	0.00235	0.000227	0.00455	0.00679	0.0000092	3.28	0.00000232	0.0000467	0.0000494	0.000235	0.0056	0.00000228	0.723	0.000502	1.1	0.00166	0.000046	0.679	0.000495	0.00127	0.0000284	0.0000502	0.0000252	0.016	0.00000455	0.0000166	0.00023	0.00137
2040 Feb	21.1	0.011	0.00975	0.000588	3.36	0.0258	3.1	0.00000472	0.00237	0.000222	0.00473	0.00683	0.00000951	3.27	0.00000239	0.000048	0.0000497	0.000241	0.00537	0.00000236	0.726	0.000501	1.11	0.00128	0.0000379	0.689	0.000489	0.00128	0.0000271	0.0000501	0.0000251	0.0155	0.00000472	0.0000155	0.000238	0.00142
2040 Mar	23.1	0.0133	0.00833	0.000539	3.65	0.0289	3.48	0.00000488	0.00153	0.000233	0.00488	0.00813	0.00000978	3.65	0.00000245	0.0000491	0.0000498	0.000246	0.00516	0.00000244	0.832	0.000501	1.27	0.000937	0.0000308	0.793	0.000702	0.00148	0.0000259	0.0000501	0.0000251	0.0169	0.00000488	0.0000162	0.000245	0.00147
2040 Apr	20.8	0.00617	0.00267	0.000503	1.6	0.0335	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000999	2.98	0.0000025	0.0000499	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000593	0.0000254	0.739	0.000685	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2040 May	23.7	0.00858	0.00342	0.000514	3.68	0.0298	3.62	0.00000496	0.0023	0.000221	0.00496	0.00793	0.00000992	3.54	0.00000248	0.0000497	0.00005	0.000249	0.00506	0.00000248	0.798	0.0005	1.24	0.000712	0.0000271	0.789	0.000688	0.001	0.0000255	0.00005	0.000025	0.0171	0.00000496	0.0000157	0.000248	0.00149
2040 Jun	28.4	0.0109	0.0147	0.000654	5.97	0.0328	3.92	0.00000449	0.00159	0.000282	0.00449	0.00938	0.00000908	4.39	0.00000229	0.0000462	0.0000728	0.000233	0.00551	0.00000225	0.962	0.000502	1.45	0.00156	0.000048	0.876	0.000691	0.0019	0.0000288	0.0000501	0.0000251	0.0232	0.00000449	0.0000173	0.000227	0.00136
2040 Jul	18.6	0.00315	0.0055	0.000545	3.78	0.0247	2.59	0.00000487	0.00468	0.000214	0.00487	0.00643	0.00000976	3.07	0.00000244	0.000049	0.0000876	0.000246	0.0136	0.00000243	0.628	0.000502	1.01	0.00272	0.0000316	0.606	0.000666	0.00102	0.0000256	0.0000501	0.0000251	0.0151	0.00000487	0.0000172	0.000244	0.00146
2040 Aug	19.7	0.00385	0.00875	0.000594	4.1	0.0245	2.7	0.00000473	0.00428	0.000228	0.00473	0.00608	0.00000952	3.19	0.00000239	0.0000481	0.00005	0.000242	0.0124	0.00000237	0.664	0.000505	0.944	0.0019	0.0000465	0.598	0.000425	0.00104	0.0000259	0.0000503	0.0000253	0.0164	0.00000473	0.0000189	0.000238	0.00142
2040 Sep	20.3	0.00996	0.00908	0.000596	3.91	0.0245	3.01	0.00000469	0.00343	0.000219	0.00469	0.00599	0.00000945	3.23	0.00000237	0.0000477	0.0000497	0.00024	0.0112	0.00000235	0.653	0.000503	1.01	0.00166	0.0000394	0.621	0.000293	0.00103	0.0000253	0.0000501	0.000031	0.017	0.00000469	0.000017	0.000236	0.00141
2040 Oct	25.2	0.00341	0.00839	0.000564	5.35	0.0331	3.57	0.00000478	0.00572	0.000265	0.00478	0.00721	0.0000096	3.93	0.00000631	0.0000484	0.0000995	0.00037	0.00845	0.00000239	0.845	0.000501	1.27	0.00139	0.0000347	0.73	0.000649	0.00101	0.000709	0.0000817	0.0000251	0.0211	0.00000478	0.0000166	0.00024	0.00239
2040 Nov	19.2	0.00892	0.0112	0.000624	3.13	0.0231	2.76	0.00000457	0.00308	0.000212	0.00458	0.0057	0.00000923	2.95	0.00000233	0.0000468	0.0000494	0.000236	0.00554	0.00000229	0.634	0.000502	0.974	0.00159	0.0000439	0.598	0.000303	0.00168	0.000028	0.00005	0.0000251	0.0144	0.00000457	0.0000148	0.000231	0.00138
2040 Dec	21.3	0.011	0.0131	0.000632	3.49	0.0253	3.07	0.00000454	0.00235	0.000224	0.00455	0.00678	0.00000918	3.28	0.00000232	0.0000466	0.0000493	0.000235	0.00557	0.00000228	0.723	0.000502	1.1	0.00163	0.0000451	0.679	0.000491	0.00127	0.0000283	0.00005	0.0000252	0.016	0.00000455	0.0000164	0.00023	0.00137
2041 Jan	21.3	0.011	0.0134	0.000637	3.51	0.0252	3.07	0.00000453	0.00234	0.000225	0.00453	0.00678	0.00000915	3.28	0.00000231	0.0000465	0.0000493	0.000235	0.00559	0.00000227	0.723	0.000502	1.1	0.00167	0.0000458	0.678	0.000492	0.00127	0.0000284	0.00005	0.0000252	0.016	0.00000453	0.0000165	0.000229	0.00137
2041 Feb	21.1	0.0109	0.0102	0.000589	3.38	0.0257	3.09	0.00000469	0.00236	0.000221	0.0047	0.00682	0.00000944	3.27	0.00000238	0.0000477	0.0000496	0.00024	0.00539	0.00000235	0.725	0.000501	1.11	0.00133	0.0000385	0.687	0.000488	0.00128	0.0000272	0.00005	0.0000251	0.0156	0.00000469	0.0000156	0.000236	0.00141
2041 Mar	23.1	0.0133	0.00751	0.000524	3.63	0.0291	3.49	0.00000492	0.00152	0.000231	0.00492	0.00817	0.00000985	3.65	0.00000247	0.0000494	0.0000499	0.000247	0.00511	0.00000246	0.835	0.0005	1.28	0.000844	0.0000287	0.797	0.000704	0.00149	0.0000256	0.00005	0.000025	0.0169	0.00000492	0.0000159	0.000246	0.00148
2041 Apr	20.8	0.00617	0.0027	0.000503	1.6	0.0334	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000998	2.98	0.0000025	0.0000499	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000596	0.0000254	0.739	0.000684	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2041 May	23.7	0.00857	0.00343	0.000513	3.69	0.0298	3.62	0.00000496	0.0023	0.000221	0.00496	0.00793	0.00000992	3.54	0.00000248	0.0000497	0.0000499	0.000249	0.00506	0.00000248	0.798	0.0005	1.24	0.000712	0.000027	0.789	0.000687	0.001	0.0000255	0.00005	0.000025	0.0171	0.00000496	0.0000157	0.000248	0.00149
2041 Jun	28.4	0.0108	0.0144	0.000641	5.97	0.0328	3.92	0.00000449	0.00159	0.000279	0.00449	0.00938	0.00000907	4.39	0.0000023	0.0000461	0.0000727	0.000233	0.00548	0.00000225	0.963	0.000502	1.45	0.00152	0.0000467	0.877	0.000687	0.0019	0.0000286	0.0000498	0.0000251	0.0232	0.00000449	0.0000172	0.000227	0.00136
2041 Jul	18.6	0.00306	0.0052	0.000538	3.78	0.0248	2.58	0.00000488	0.00469	0.000213	0.00488	0.00643	0.00000978	3.07	0.00000245	0.0000491	0.0000878	0.000246	0.0136	0.00000244	0.627	0.000502	1.01	0.00269	0.0000308	0.606	0.000665	0.00101	0.0000255	0.00005	0.0000251	0.0151	0.00000488	0.0000171	0.000245	0.00147
2041 Aug	19.7	0.00389	0.00922	0.000596	4.11	0.0244	2.7	0.0000047	0.00425	0.000227	0.00471	0.00609	0.00000947	3.2	0.00000238	0.0000478	0.00005	0.000241	0.0123	0.00000235	0.665	0.000505	0.945	0.00194	0.0000471	0.598	0.000425	0.00104	0.0000259	0.0000502	0.0000253	0.0165	0.0000047	0.000019	0.000237	0.00141
2041 Sep	20.3	0.00988	0.00883	0.000588	3.9	0.0245	3	0.0000047	0.00343	0.000217	0.0047	0.00598	0.00000945	3.23	0.00000237	0.0000477	0.0000497	0.00024	0.0112	0.00000235	0.652	0.000503	1.01	0.00163	0.0000385	0.621	0.00029	0.00103	0.0000253	0.0000499	0.0000311	0.017	0.0000047	0.0000169	0.000236	0.00141
2041 Oct	25.2	0.0034	0.0085	0.000562	5.35	0.033	3.56	0.00000477	0.00571	0.000264	0.00477	0.00721	0.00000958	3.92	0.00000629	0.0000483	0.0000993	0.000369	0.00844	0.00000239	0.844	0.000501	1.27	0.0014	0.0000347	0.729	0.000647	0.00101	0.000706	0.0000815	0.0000251	0.0211	0.00000477	0.0000166	0.00024	0.00238
2041 Nov	19.2	0.00883	0.011	0.000615	3.13	0.0231	2.75	0.00000457	0.00308	0.000209	0.00457	0.0057	0.00000921	2.95	0.00000233	0.0000467	0.0000493	0.000236	0.00552	0.00000229	0.633	0.000502	0.974	0.00157	0.0000431	0.598	0.0003	0.00168	0.0000281	0.0000498	0.0000251	0.0143	0.00000457	0.0000147	0.000231	0.00138
2041 Dec	21.3	0.0109	0.013	0.000623	3.49	0.0252	3.07	0.00000454	0.00234	0.000222	0.00455	0.00678	0.00000916	3.28	0.00000232	0.0000465	0.0000493	0.000235	0.00556	0.00000228	0.723	0.000502	1.1	0.00161	0.0000443	0.679	0.000488	0.00127	0.0000283	0.0000498	0.0000251	0.0159	0.00000454	0.0000163	0.000229	0.00137
2042 Jan	21.4	0.0109	0.0141	0.000639	3.54	0.025	3.06	0.00000449	0.00234	0.000223	0.00449	0.00677	0.00000905	3.28	0.00000229	0.0000461	0.0000492	0.000233	0.00563	0.00000225	0.722	0.000502	1.09	0.00173	0.0000467	0.675	0.000489	0.00126	0.0000288	0.0000497	0.0000251	0.0161	0.00000449	0.0000166	0.000227	0.00135
2042 Feb	21.1	0.0109	0.0101	0.000583	3.38	0.0257	3.09	0.00000469	0.00236	0.00022	0.00469	0.00682	0.00000943	3.27	0.00000238	0.0000476	0.0000495	0.00024	0.00538	0.00000235	0.725	0.000501	1.11	0.00131	0.000038	0.687	0.000485	0.00128	0.0000273	0.0000498	0.0000251	0.0156	0.00000469	0.0000155	0.000236	0.00141
2042 Mar	23.1	0.0132	0.00778	0.000527	3.64	0.0291	3.48	0.0000049	0.00153	0.000231	0.0049	0.00815	0.00000982	3.65	0.00000246	0.0000492	0.0000498	0.000247	0.00512	0.00000245	0.834	0.0005	1.28	0.000872	0.0000292	0.796	0.000702	0.00148	0.0000257	0.0000499	0.000025	0.0169	0.0000049	0.000016	0.000246	0.00147
2042 Apr	20.8	0.00617	0.00269	0.000503	1.6	0.0334	3.73	0.00000499	0.0015	0.000235	0.00499	0.00667	0.00000998	2.98	0.0000025	0.0000499	0.00005	0.00025	0.00501	0.0000025	0.765	0.0005	1.07	0.000595	0.0000254	0.739	0.000684	0.0013	0.0000251	0.00005	0.000025	0.0126	0.00000499	0.0000155	0.00025	0.0015
2042 May	23.7	0.00856	0.00342	0.000513	3.69	0.0298	3.62	0.00000496	0.0023	0.000221	0.00496	0.00792	0.00000992	3.54	0.00000248	0.0000497	0.0000499	0.000249	0.00506	0.00000248	0.798	0.0005	1.24	0.00071	0.0000269	0.789	0.000687	0.001	0.0000255	0.00005	0.000025	0.0171	0.00000496	0.0000157	0.000248	0.00149
2042 Jun	28.4	0.0107	0.0144	0.000633	5.97	0.0328	3.91	0.00000449	0.00159	0.000277	0.00449	0.00937	0.00000905	4.38	0.00000229	0.000046	0.0000726	0.000233	0.00546	0.00000225	0.962	0.000502	1.45	0.00151	0.000046	0.876	0.000684	0.0019	0.0000288	0.0000496	0.0000251	0.0232	0.00000449	0.0000171	0.000226	0.00135
2042 Jul	18.6	0.00304	0.00517	0.000536	3.78	0.0248	2.58	0.00000488	0.00469	0.000213	0.00488	0.00643	0.00000977	3.07	0.00000245	0.0000491	0.0000878	0.000246	0.0136	0.00000244	0.627	0.000502	1.01	0.00269	0.0000306	0.606	0.000664	0.00101	0.0000255	0.00005	0.0000251	0.0151	0.00000488	0.0000171	0.000244	0.00146
2042 Aug	19.7	0.00374	0.00869	0.000584	4.1	0.0245	2.69	0.00000472	0.00427	0.000225	0.00473	0.00608	0.00000949	3.19	0.00000238	0.0000479	0.0000499	0.000241	0.0123	0.00000236	0.664	0.000505	0.944	0.00188	0.0000457	0.597	0.000421	0.00103	0.0000259	0.00005	0.0000252	0.0165	0.00000472	0.0000188	0.000237	0.00142
2042 Sep	20.4	0.00988	0.00992	0.000597	3.93	0.0244	3	0.00000464	0.00339	0.000216	0.00464	0.006	0.00000933	3.24	0.00000234	0.0000473	0.0000495	0.000238	0.0111	0.00000232	0.654	0.000503	1.01	0.00173	0.0000404	0.62	0.000295	0.00103	0.0000253	0.0000497	0.0000309	0.0171	0.00000464	0.0000171	0.000234	0.0014
2042 Oct	24.7	0.00623	0.0231	0.000754	5.2	0.028	3.31	0.00000401	0.00441	0.000256	0.00402	0.0069	0.00000817	3.74	0.00000458	0.0000424	0.0000801	0.000299	0.0082	0.00000201	0.792	0.000505	1.16	0.00283	0.0000657	0.674	0.000598	0.00106	0.000466	0.0000694	0.0000253	0.0209	0.00000401	0.0000201	0.000205	0.00183
2042 Nov	22.7	0.0107	0.0398	0.000981	4.48	0.02	2.83	0.00000312	0.00237	0.000235	0.00314	0.00616	0.00000653	3.28	0.00000176	0.0000355	0.0000468	0.000189	0.00728	0.00000157	0.68	0.000511	0.953	0.00447	0.000102	0.578	0.000456	0.00126	0.0000405	0.0000486	0.0000256	0.019	0.00000313	0.0000236	0.000164	0.000973
2042 Dec	23.5	0.0113	0.0438	0.00103	4.71	0.02	2.89	0.00000295	0.00218	0.00024	0.00297	0.00639	0.00000623	3.38	0.0000017	0.0000342	0.0000466	0.000184	0.00752	0.00000149	0.702	0.000514	0.972	0.00485	0.00011	0.589	0.000506	0.00115	0.0000436	0.0000487	0.0000257	0.0198	0.00000295	0.000025	0.000156	0.000927
2043 Jan	23.8	0.0113	0.0466	0.00107	4.82	0.0196	2.89	0.00000283	0.00218	0.000243	0.00284	0.00638	0.00000604	3.4	0.00000166	0.0000334	0.0000466	0.000181	0.00772	0.00000143	0.702	0.000517	0.964	0.00515	0.000116	0.583	0.000509	0.00114	0.0000462	0.0000489	0.0000259	0.0202	0.00000283	0.0000259	0.00015	0.000895
2043 Feb	24	0.0114	0.0486	0.0011	4.91	0.0194	2.89	0.00000276	0.00219	0.000245	0.00277	0.00638	0.00000597	3.42	0.00000164	0.0000329	0.0000466	0.000179	0.00786	0.00000139	0.704	0.000521	0.961	0.00535	0.000121	0.581	0.000511	0.00113	0.0000483	0.0000492	0.0000261	0.0205	0.00000276	0.0000265	0.000147	0.000877
2043 Mar	24.3	0.0116	0.0499	0.00112	4.97	0.0194	2.91	0.00000273	0.00217	0.000248	0.00275	0.00644	0.000006	3.46	0.00000164	0.0000327	0.0000467	0.000179	0.00795	0.00000138	0.71	0.000524	0.967	0.00548	0.000123	0.584	0.000522	0.00114	0.0000498	0.0000495	0.0000263	0.0208	0.00000273	0.000027	0.000146	0.000871
2043 Apr	22.5	0.00874	0.0257	0.000806	3.21	0.0268	3.35	0.0000039	0.00183	0.000242	0.00391	0.00655	0.00000812	3.21	0.00000209	0.0000417	0.0000485	0.000216	0.00646	0.00000196	0.74	0.000514	1.02	0.00299	0.0000734	0.665	0.000607	0.00122	0.0000375	0.00005	0.0000257	0.0166	0.00000391	0.0000212	0.0002	0.0012
2043 May	23.7	0.00859	0.00366	0.000516	3.7	0.0298	3.62	0.00000495	0.0023	0.000221	0.00495	0.00793	0.00000995	3.54	0.00000248	0.0000497	0.00005	0.000249	0.00508	0.00000248	0.799	0.000501	1.24	0.000735	0.0000274	0.789	0.000687	0.001	0.0000257	0.0000501	0.0000251	0.0172	0.00000495	0.0000158	0.000248	0.00149
2043 Jun	31.3	0.0138	0.0359	0.000971	6.54	0.0311	4.08	0.00000414	0.00184	0.0004	0.00415	0.0095	0.0000331	4.66	0.00000217	0.0000453	0.0000708	0.000234	0.00695	0.0000021	0.999	0.000596	1.45	0.00404	0.0000969	0.873	0.000739	0.00189	0.000028	0.0000563	0.0000296	0.0261	0.00000414	0.0000264	0.000214	0.00125
2043 Jul	21.9	0.00625	0.0204	0.000777	4.48	0.025	2.9	0.00000467	0.00455	0.000336	0.00467	0.00697	0.0000336	3.46	0.00000238	0.000049	0.0000862	0.000249	0.0138	0.00000236	0.702	0.000574	1.08	0.00432	0.0000675	0.645	0.000722	0.00113	0.0000251	0.0000553	0.0000286	0.0182	0.00000467	0.000024	0.000238	0.0014
2043 Aug	26.9	0.0112	0.0422	0.00112	5.6	0.025	3.41	0.00000432	0.00416	0.000564	0.00433	0.00736	0.00008	4.05	0.00000227	0.0000485	0.0000563	0.000252	0.0133	0.00000222	0.822	0.000677	1.11	0.00596	0.000128	0.686	0.000628	0.00128	0.0000247	0.0000629	0.0000336	0.0232	0.00000432	0.0000354	0.000226	0.00131
2043 Sep	32.3	0.0215	0.0692	0.00153	6.57	0.0245	4.12	0.0000038	0.00364	0.00103	0.00381	0.00806	0.000192	4.68	0.0000021	0.0000476	0.0000608	0.000254	0.0135	0.00000205	0.918	0.000825	1.24	0.0097	0.000198	0.741	0.000772	0.00144	0.0000232	0.0000737	0.0000438	0.0284	0.00000381	0.0000514	0.00021	0.00116
2043 Oct	37.5	0.0252	0.0901	0.00185	7.85	0.0263	4.7	0.00000343	0.00443	0.00155	0.00345	0.00898	0.000315	5.35	0.00000311	0.0000477	0.0000792	0.000295	0.0137	0.00000195	1.05	0.000957	1.38	0.0131	0.000261	0.798	0.0011	0.00157	0.000216	0.0000925	0.0000475	0.0335	0.00000344	0.0000676	0.000201	0.00132
2043 Nov	39.7	0.0317	0.108	0.00214	8.2	0.0239	4.94	0.00000311	0.00401	0.00199	0.00313	0.00921	0.000426	5.61	0.00000209	0.0000479	0.0000714	0.000271	0.0147	0.00000187	1.08	0.00108	1.38	0.0161	0.000318	0.798	0.00121	0.00177	0.0000513	0.0000941	0.0000536	0.0357	0.00000313	0.0000819	0.000193	0.00101
2043 Dec	40.9	0.0333	0.113	0.00221	8.47	0.0242	5.09	0.00000308	0.00406	0.00214	0.00309	0.00945	0.000462	5.77	0.00000212	0.0000484	0.0000732	0.000275	0.0152	0.00000188	1.11	0.00111	1.41	0.0169	0.000333	0.815	0.00128	0.00176	0.0000555	0.0000971	0.0000554	0.0369	0.00000309	0.0000863	0.000194	0.00101
2044 Jan	41.5	0.0343	0.115	0.00226	8.61	0.0244	5.19	0.00000307	0.00415	0.00224	0.00308	0.00956	0.000487	5.86	0.00000214	0.000049	0.0000745	0.000279	0.0155	0.00000189	1.13	0.00114	1.43	0.0175	0.000342	0.822	0.00132	0.00178	0.0000578	0.0000992	0.0000566	0.0376	0.00000308	0.0000892	0.000195	0.00101
2044 Feb	42.1	0.0352	0.118	0.0023	8.75	0.0245	5.27	0.00000305	0.00422	0.00232	0.00307	0.00965	0.000509	5.94	0.00000216	0.0000493	0.0000755	0.000282	0.0158	0.0000019	1.14	0.00116	1.44	0.0179	0.000351	0.828	0.00135	0.0018	0.0000593	0.000101	0.0000577	0.0382	0.00000307	0.0000917	0.000195	0.00101
2044 Mar	42.6	0.0361	0.12	0.00233	8.88	0.0246	5.35	0.00000304	0.00426	0.0024	0.00306	0.00977	0.000527	6.03	0.00000217	0.0000497	0.0000765	0.000284	0.016	0.00000191	1.16	0.00118	1.46	0.0184	0.000359	0.836	0.00138	0.00182	0.0000605	0.000103	0.0000587	0.0388	0.00000306	0.000094	0.000196	0.00101
2044 Apr	35.6	0.0264	0.0817	0.00174	6.48	0.0277	4.85	0.0000037	0.00337	0.00172	0.00371	0.00877	0.000365	5.04	0.00000229	0.0000501	0.0000683	0.000275	0.0125	0.00000212	1.03	0.000964	1.33	0.0126	0.000251	0.807	0.00117	0.00166	0.0000492	0.0000859	0.000048	0.0302	0.00000371	0.0000689	0.000215	0.00117
2044 May	24.1	0.00915	0.00511	0.000541	3.78	0.0299	3.67	0.00000496	0.00235	0.000273	0.00496	0.008	0.0000226	3.6	0.0000025	0.00005	0.0000507	0.000251	0.00525	0.00000249	0.809	0.000516	1.26	0.00102	0.0000326	0.795	0.000707	0.00102	0.0000258	0.0000512	0.0000258	0.0175	0.00000496	0.0000173	0.000249	0.00149
2044 Jun	33.1	0.0213	0.0413	0.00106	6.95	0.0316	4.61	0.0000042	0.0025	0.00136	0.0042	0.00976	0.000285	5.03	0.00000232	0.0000497	0.000079	0.000259	0.00865	0.00000231	1.05	0.000754	1.5	0.00731	0.000147	0.886	0.00104	0.002	0.0000282	0.0000697	0.0000377	0.0283	0.00000421	0.0000487	0.00023	0.00129
2044 Jul	22.1	0.00943	0.0195	0.000761	4.53	0.0252	3.1	0.0000047	0.00481	0.000789	0.0047	0.00698	0.000156	3.55	0.00000245	0.0000508	0.0000895	0.000258	0.0143	0.00000246	0.712	0.000631	1.09	0.00552	0.0000841	0.643	0.000852	0.00117	0.0000256	0.0000605	0.0000316	0.0186	0.00000471	0.0000338	0.000245	0.00142
2044 Aug	25.5	0.0151	0.0326	0.000964	5.35	0.0254	3.6	0.00000449	0.00467	0.00129	0.00448	0.0071	0.000282	4.02	0.00000243	0.0000518	0.0000616	0.000267	0.014	0.00000246	0.806	0.000741	1.1	0.00716	0.000138	0.664	0.000817	0.00131	0.0000261	0.0000694	0.0000372	0.0224	0.0000045	0.0000492	0.000243	0.00137
2044 Sep	30	0.0286	0.0546	0.00129	6.15	0.0247	4.43	0.00000395	0.00439	0.00226	0.00394	0.00762	0.000537	4.62	0.00000232	0.0000523	0.0000694	0.000276	0.0143	0.0000024	0.891	0.00093	1.21	0.0119	0.000218	0.699	0.00109	0.00148	0.0000259	0.0000848	0.0000498	0.0271	0.00000398	0.0000761	0.000233	0.00123
2044 Oct	34	0.0333	0.0695	0.00151	7.19	0.0264	5.01	0.00000361	0.00535	0.00301	0.00359	0.00831	0.000734	5.19	0.00000337	0.0000532	0.0000889	0.00032	0.0144	0.00000239	1.01	0.00107	1.33	0.0154	0.000279	0.737	0.00147	0.0016	0.000219	0.000105	0.0000542	0.0312	0.00000365	0.0000976	0.000228	0.00141
2044 Nov	35.3	0.0409	0.0828	0.00171	7.36	0.024	5.26	0.00000332	0.00511	0.00367	0.0033	0.00836	0.000915	5.37	0.0000024	0.0000543	0.0000825	0.000299	0.0154	0.00000239	1.02	0.0012	1.3	0.0187	0.000337	0.721	0.00164	0.00179	0.0000558	0.000109	0.0000611	0.0328	0.00000338	0.000117	0.000225	0.00111
2044 Dec	36.2	0.0426	0.086	0.00176	7.58	0.0243	5.42	0.00000329	0.00519	0.00385	0.00327	0.00857	0.000962	5.52	0.00000244	0.000055	0.0000845	0.000304	0.0159	0.00000242	1.05	0.00124	1.33	0.0195	0.000351	0.734	0.00172	0.00177	0.0000601	0.000112	0.0000629	0.0338	0.00000335	0.000123	0.000227	0.00111
2045 Jan	36.7	0.0437	0.0879	0.0018	7.7	0.0244	5.51	0.00000328	0.0053	0.00397	0.00326	0.00865	0.000994	5.59	0.00000247	0.0000556	0.0000858	0.000308	0.0162	0.00000244	1.06	0.00126	1.34	0.02	0.00036	0.739	0.00176	0.00179	0.0000625	0.000115	0.0000642	0.0343	0.00000335	0.000126	0.000228	0.00112
2045 Feb	37.1	0.0447	0.0898	0.00183	7.81	0.0245	5.58	0.00000327	0.00539	0.00407	0.00325	0.00872	0.00102	5.66	0.00000248	0.0000561	0.000087	0.000311	0.0165	0.00000246	1.07	0.00129	1.36	0.0205	0.000368	0.743	0.00179	0.00181	0.0000641	0.000117	0.0000654	0.0348	0.00000334	0.000129	0.00023	0.00112
2045 Mar	37.6	0.0456	0.0915	0.00185	7.92	0.0247	5.66	0.00000326	0.00544	0.00417	0.00324	0.00882	0.00105	5.74	0.0000025	0.0000565	0.0000881	0.000314	0.0167	0.00000247	1.08	0.00131	1.37	0.0209	0.000375	0.749	0.00183	0.00184	0.0000653	0.000118	0.0000664	0.0353	0.00000333	0.000132	0.000231	0.00112
2045 Apr	32.4	0.0333	0.0637	0.00143	5.92	0.0276	5.09	0.00000383	0.00423	0.00295	0.00381	0.00816	0.000728	4.88	0.00000251	0.0000548	0.0000765	0.000296	0.0131	0.0000025	0.987	0.00106	1.28	0.0146	0.000267	0.749	0.00148	0.00168	0.000053	0.0000975	0.0000537	0.0282	0.00000387	0.000096	0.000238	0.00125
2045 May	24.1	0.00944	0.00469	0.000534	3.77	0.0299	3.68	0.00000496	0.00238	0.00032	0.00496	0.00798	0.0000363	3.6	0.0000025	0.0000502	0.000051	0.000252	0.00529	0.0000025	0.808	0.000521	1.25	0.00112	0.0000338	0.793	0.00072	0.00102	0.000026	0.0000518	0.0000261	0.0175	0.00000496	0.0000184	0.00025	0.00149
2045 Jun	31.7	0.0237	0.0336	0.000936	6.68	0.0316	4.67	0.00000426	0.00282	0.00179	0.00425	0.0095	0.000422	4.94	0.0000024	0.0000515	0.0000818	0.000267	0.00879	0.00000247	1.03	0.000785	1.48	0.00794	0.00015	0.863	0.00115	0.002	0.0000294	0.0000738	0.0000396	0.0274	0.00000429	0.0000589	0.000239	0.00132
2045 Jul	21.4	0.0102	0.016	0.000703	4.4	0.0252	3.11	0.00000473	0.00495	0.000934	0.00473	0.00686	0.000206	3.5	0.00000249	0.0000515	0.0000907	0.000262	0.0144	0.00000253	0.702	0.000641	1.07	0.00568	0.0000835	0.633	0.000888	0.00117	0.0000261	0.000062	0.0000322	0.0181	0.00000475	0.0000376	0.000249	0.00144
2045 Aug	24.7	0.0173	0.0281	0.000887	5.21	0.0254	3.68	0.00000451	0.00495	0.00162	0.0045	0.00696	0.000391	3.99	0.00000249	0.0000533	0.000064	0.000274	0.0142	0.00000258	0.799	0.000774	1.08	0.00782	0.000144	0.649	0.000907	0.00132	0.0000271	0.0000736	0.0000391	0.0219	0.00000454	0.0000586	0.00025	0.00139
2045 Sep	28.4	0.0312	0.0459	0.00114	5.84	0.0247	4.49	0.00000401	0.00486	0.00268	0.00399	0.00733	0.000691	4.51	0.00000242	0.0000548	0.0000725	0.000286	0.0144	0.00000261	0.873	0.000967	1.18	0.0126	0.000222	0.671	0.00121	0.00148	0.0000274	0.0000911	0.0000523	0.026	0.00000407	0.0000906	0.000245	0.00127
2045 Oct	31.9	0.036	0.0583	0.00132	6.79	0.0265	5.06	0.0000037	0.00594	0.00345	0.00367	0.00795	0.000906	5.04	0.0000035	0.0000563	0.0000923	0.000333	0.0145	0.00000265	0.984	0.00111	1.28	0.016	0.000281	0.702	0.00159	0.00159	0.000221	0.000113	0.0000569	0.0297	0.00000378	0.000115	0.000243	0.00147
2045 Nov	32.8	0.044	0.0699	0.00149	6.9	0.0241	5.32	0.00000343	0.0058	0.00418	0.00338	0.00794	0.00112	5.19	0.00000255	0.000058	0.0000864	0.000314	0.0155	0.00000271	0.995	0.00124	1.25	0.0194	0.000338	0.681	0.00177	0.00177	0.0000583	0.000118	0.0000643	0.031	0.00000353	0.000138	0.000243	0.00118
2045 Dec	33.7	0.0458	0.0728	0.00154	7.11	0.0245	5.47	0.0000034	0.00591	0.00436	0.00335	0.00814	0.00117	5.33	0.00000259	0.0000588	0.0000884	0.00032	0.016	0.00000274	1.02	0.00128	1.28	0.0202	0.000352	0.693	0.00185	0.00176	0.0000627	0.000122	0.0000662	0.032	0.00000351	0.000143	0.000245	0.00118
2046 Jan	34.2	0.0469	0.0745	0.00157	7.22	0.0246	5.56	0.00000339	0.00602	0.00448	0.00335	0.00822	0.0012	5.41	0.00000262	0.0000595	0.0000898	0.000324	0.0163	0.00000277	1.03	0.00131	1.29	0.0207	0.000361	0.697	0.00189	0.00178	0.0000651	0.000124	0.0000676	0.0325	0.00000351	0.000147	0.000247	0.00118
2046 Feb	34.6	0.0479	0.0761	0.0016	7.32	0.0247	5.64	0.00000338	0.00612	0.00459	0.00334	0.00828	0.00123	5.47	0.00000264	0.00006	0.000091	0.000327	0.0165	0.00000279	1.05	0.00133	1.3	0.0212	0.000369	0.701	0.00193	0.0018	0.0000668	0.000126	0.0000687	0.033	0.0000035	0.000151	0.000248	0.00118
2046 Mar	35	0.0488	0.0776	0.00162	7.43	0.0248	5.72	0.00000338	0.00619	0.00468	0.00333	0.00837	0.00126	5.55	0.00000266	0.0000605	0.0000921	0.00033	0.0168	0.00000281	1.06	0.00135	1.31	0.0217	0.000376	0.706	0.00197	0.00182	0.000068	0.000128	0.0000698	0.0334	0.0000035	0.000154	0.000249	0.00119
2046 Apr	30.6	0.0353	0.0538	0.00127	5.55	0.0278	5.11	0.00000391	0.00471	0.00328	0.00388	0.00784	0.000866	4.74	0.00000262	0.0000574	0.0000791	0.000306	0.0131	0.00000273	0.968	0.00108	1.24	0.015	0.000266	0.72	0.00157	0.00166	0.0000546	0.000104	0.0000558	0.0268	0.000004	0.00011	0.000251	0.00129
2046 May	24	0.00953	0.00438	0.000528	3.76	0.0299	3.69	0.00000496	0.0024	0.000333	0.00496	0.00797	0.0000417	3.59	0.00000251	0.0000503	0.0000511	0.000252	0.0053	0.00000251	0.807	0.000522	1.25	0.00115	0.0000339	0.792	0.000723	0.00102	0.0000261	0.000052	0.0000262	0.0175	0.00000497	0.000019	0.00025	0.00149
2046 Jun	31	0.0245	0.0302	0.000877	6.55	0.0317	4.68	0.00000429	0.00302	0.00189	0.00427	0.00938	0.000476	4.88	0.00000244	0.0000525	0.0000827	0.000271	0.0088	0.00000255	1.02	0.000797	1.46	0.00812	0.00015	0.851	0.00117	0.002	0.0000299	0.0000763	0.0000405	0.0269	0.00000433	0.0000647	0.000243	0.00133
2046 Jul	21.2	0.0106	0.0148	0.000682	4.36	0.0252	3.12	0.00000474	0.00503	0.000975	0.00473	0.00682	0.00023	3.49	0.0000025	0.0000519	0.000091	0.000263	0.0144	0.00000257	0.701	0.000647	1.07	0.00578	0.0000838	0.629	0.000901	0.00117	0.0000264	0.0000631	0.0000327	0.018	0.00000476	0.0000402	0.000251	0.00144
2046 Aug	24.4	0.0181	0.0261	0.000852	5.14	0.0254	3.7	0.00000452	0.00509	0.0017	0.0045	0.00689	0.000439	3.97	0.00000252	0.0000541	0.000065	0.000277	0.0142	0.00000264	0.797	0.000788	1.08	0.00807	0.000145	0.643	0.000935	0.00132	0.0000275	0.0000758	0.00004	0.0217	0.00000456	0.0000635	0.000253	0.0014
2046 Sep	27.7	0.0321	0.0422	0.00108	5.72	0.0248	4.5	0.00000405	0.00505	0.00275	0.00402	0.00721	0.000752	4.45	0.00000247	0.0000558	0.0000736	0.00029	0.0144	0.00000269	0.866	0.00098	1.16	0.0127	0.00022	0.661	0.00123	0.00148	0.0000281	0.0000931	0.0000531	0.0255	0.00000412	0.0000959	0.000249	0.00129
2046 Oct	31.2	0.0374	0.0544	0.00125	6.66	0.0265	5.07	0.00000373	0.00616	0.00356	0.00368	0.00782	0.00099	4.99	0.00000353	0.0000574	0.0000936	0.000337	0.0145	0.00000275	0.977	0.00113	1.26	0.0164	0.00028	0.69	0.00162	0.00159	0.000219	0.000115	0.0000582	0.0293	0.00000382	0.000122	0.000248	0.00148
2046 Nov	32	0.0455	0.0651	0.00141	6.74	0.0242	5.33	0.00000346	0.00606	0.00427	0.00341	0.00779	0.00121	5.13	0.00000261	0.0000592	0.000088	0.000319	0.0156	0.00000282	0.986	0.00127	1.23	0.0197	0.000335	0.667	0.00181	0.00177	0.0000589	0.000121	0.0000656	0.0304	0.00000358	0.000145	0.000249	0.0012
2046 Dec	32.8	0.0473	0.0679	0.00146	6.94	0.0245	5.48	0.00000344	0.00617	0.00445	0.00338	0.00798	0.00126	5.26	0.00000265	0.0000601	0.00009	0.000325	0.016	0.00000286	1.01	0.00131	1.26	0.0206	0.000349	0.678	0.00189	0.00175	0.0000632	0.000124	0.0000676	0.0314	0.00000356	0.000151	0.000251	0.0012
2047 Jan	33.3	0.0484	0.0695	0.00148	7.05	0.0246	5.57	0.00000343	0.00629	0.00457	0.00338	0.00806	0.0013	5.34	0.00000268	0.0000607	0.0000915	0.000329	0.0163	0.00000289	1.02	0.00133	1.27	0.0211	0.000358	0.683	0.00193	0.00178	0.0000657	0.000127	0.0000689	0.0319	0.00000356	0.000155	0.000253	0.0012
2047 Feb	33.7	0.0494	0.0711	0.00151	7.16	0.0247	5.65	0.00000342	0.00639	0.00468	0.00337	0.00812	0.00133	5.4	0.0000027	0.0000613	0.0000927	0.000332	0.0166	0.00000291	1.04	0.00135	1.28	0.0216	0.000366	0.686	0.00196	0.00179	0.0000673	0.000129	0.0000701	0.0323	0.00000356	0.000159	0.000254	0.00121
2047 Mar	34.1	0.0504	0.0725	0.00153	7.26	0.0249	5.72	0.00000342	0.00647	0.00477	0.00336	0.00821	0.00136	5.47	0.00000272	0.0000618	0.0000938	0.000335	0.0168	0.00000293	1.05	0.00138	1.29	0.0221	0.000373	0.691	0.002	0.00182	0.0000685	0.000131	0.0000712	0.0328	0.00000355	0.000162	0.000256	0.00121
2047 Apr	29.9	0.0362	0.0502	0.00121	5.42	0.0279	5.11	0.00000395	0.00489	0.00333	0.00391	0.00773	0.000931	4.68	0.00000267	0.0000583	0.0000801	0.00031	0.0131	0.00000281	0.96	0.0011	1.22	0.0152	0.000262	0.71	0.00159	0.00166	0.0000548	0.000105	0.0000566	0.0263	0.00000404	0.000115	0.000255	0.00131
2047 May	24	0.00954	0.00421	0.000526	3.75	0.0299	3.68	0.00000497	0.0024	0.000332	0.00496	0.00797	0.0000432	3.59	0.00000251	0.0000503	0.0000511	0.000252	0.00529	0.00000251	0.807	0.000522	1.25	0.00114	0.0000335	0.791	0.000723	0.00102	0.0000261	0.000052	0.0000262	0.0174	0.00000497	0.0000191	0.00025	0.00149
2047 Jun	30.7	0.0245	0.0283	0.000846	6.5	0.0318	4.66	0.00000431	0.00309	0.00185	0.00428	0.00934	0.000493	4.85	0.00000246	0.0000529	0.0000829	0.000272	0.00872	0.00000259	1.02	0.000797	1.45	0.00805	0.000146	0.848	0.00117	0.00199	0.00003	0.0000769	0.0000406	0.0266	0.00000436	0.0000666	0.000245	0.00134
2047 Jul	20.4	0.00889	0.0116	0.000634	4.2	0.0252	2.99	0.0000048	0.00501	0.000798	0.00479	0.00671	0.000189	3.38	0.00000251	0.0000516	0.0000908	0.000261	0.0143	0.00000256	0.682	0.000616	1.05	0.00507	0.0000701	0.622	0.000849	0.00113	0.0000262	0.0000604	0.0000311	0.0172	0.00000482	0.0000357	0.000251	0.00146
2047 Aug	23.8	0.0174	0.0236	0.000812	5.03	0.0254	3.62	0.00000455	0.0051	0.00159	0.00453	0.0068	0.000429	3.89	0.00000252	0.0000539	0.0000642	0.000276	0.0141	0.00000265	0.785	0.000772	1.06	0.00768	0.000136	0.636	0.000899	0.00129	0.0000275	0.0000744	0.0000392	0.0212	0.00000459	0.0000619	0.000253	0.00141
2047 Sep	27.1	0.0318	0.0397	0.00104	5.6	0.0247	4.43	0.00000406	0.00504	0.00264	0.00403	0.00711	0.000761	4.38	0.00000247	0.0000555	0.0000732	0.000288	0.0143	0.0000027	0.853	0.000971	1.15	0.0125	0.000211	0.654	0.0012	0.00146	0.0000282	0.0000917	0.0000526	0.025	0.00000413	0.0000949	0.000249	0.00129
2047 Oct	30.7	0.0375	0.0522	0.00121	6.56	0.0264	5.02	0.00000372	0.00614	0.00346	0.00368	0.00772	0.00102	4.92	0.00000353	0.000057	0.0000936	0.000335	0.0144	0.00000275	0.963	0.00113	1.25	0.0163	0.000271	0.682	0.0016	0.00157	0.000219	0.000114	0.0000578	0.0288	0.00000382	0.000121	0.000247	0.00147
2047 Nov	31.4	0.0457	0.0626	0.00137	6.62	0.024	5.26	0.00000346	0.00601	0.00415	0.00341	0.00766	0.00124	5.05	0.00000261	0.0000586	0.0000879	0.000316	0.0154	0.00000281	0.969	0.00127	1.21	0.0197	0.000325	0.658	0.00178	0.00175	0.0000584	0.000118	0.0000651	0.03	0.00000357	0.000144	0.000247	0.00119
2047 Dec	32.2	0.0475	0.0653	0.00141	6.82	0.0243	5.42	0.00000343	0.00611	0.00433	0.00338	0.00785	0.0013	5.19	0.00000265	0.0000593	0.00009	0.000321	0.0159	0.00000284	0.994	0.0013	1.24	0.0205	0.000338	0.67	0.00186	0.00174	0.0000627	0.000122	0.000067	0.0309	0.00000354	0.000149	0.000248	0.00119
2048 Jan	32.7	0.0487	0.067	0.00144	6.93	0.0244	5.5	0.00000342	0.00622	0.00444	0.00337	0.00792	0.00133	5.26	0.00000268	0.0000599	0.0000914	0.000325	0.0161	0.00000287	1.01	0.00133	1.25	0.021	0.000346	0.674	0.0019	0.00176	0.0000651	0.000124	0.0000683	0.0314	0.00000354	0.000153	0.00025	0.0012
2048 Feb	33.1	0.0497	0.0685	0.00146	7.04	0.0245	5.58	0.00000341	0.00632	0.00455	0.00336	0.00799	0.00137	5.33	0.0000027	0.0000605	0.0000926	0.000328	0.0164	0.00000289	1.02	0.00135	1.26	0.0216	0.000354	0.677	0.00194	0.00178	0.0000668	0.000126	0.0000695	0.0319	0.00000353	0.000157	0.000251	0.0012
2048 Mar	33.5	0.0507	0.07	0.00149	7.14	0.0246	5.66	0.0000034	0.00639	0.00464	0.00335	0.00807	0.0014	5.4	0.00000272	0.0000609	0.0000937	0.000331	0.0167	0.00000291	1.03	0.00137	1.27	0.022	0.000362	0.682	0.00198	0.0018	0.000068	0.000128	0.0000706	0.0323	0.00000353	0.00016	0.000253	0.0012
2048 Apr	29.5	0.0366	0.0486	0.00118	5.36	0.0277	5.07	0.00000393	0.00485	0.00325	0.0039	0.00764	0.00096	4.64	0.00000266	0.0000577	0.0000802	0.000307	0.013	0.00000279	0.948	0.0011	1.21	0.0153	0.000256	0.703	0.00157	0.00165	0.0000546	0.000103	0.0000563	0.0261	0.00000402	0.000114	0.000253	0.0013

Appendix C16: DS2

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2048 May	24	0.00958	0.00422	0.000526	3.75	0.0299	3.69	0.00000496	0.00241	0.000333	0.00496	0.00797	0.0000455	3.59	0.00000251	0.0000503	0.0000511	0.000252	0.0053	0.00000251	0.807	0.000523	1.25	0.00116	0.0000336	0.791	0.000724	0.00102	0.0000261	0.000052	0.0000262	0.0175	0.00000497	0.0000192	0.00025	0.00149
2048 Jun	30.7	0.0252	0.0287	0.00085	6.5	0.0316	4.67	0.00000428	0.00309	0.00186	0.00426	0.0093	0.000523	4.85	0.00000246	0.0000526	0.0000833	0.000271	0.00883	0.00000258	1.02	0.00081	1.45	0.00834	0.000147	0.845	0.00118	0.00199	0.0000301	0.0000763	0.000041	0.0267	0.00000433	0.0000668	0.000244	0.00133
2048 Jul	21.5	0.012	0.0157	0.000694	4.43	0.0252	3.19	0.00000471	0.00509	0.00105	0.0047	0.00685	0.000281	3.54	0.00000251	0.0000523	0.0000914	0.000265	0.0144	0.00000259	0.71	0.000672	1.07	0.00632	0.0000898	0.63	0.00093	0.00119	0.0000267	0.0000649	0.0000339	0.0184	0.00000473	0.0000443	0.000251	0.00144
2048 Aug	24.3	0.0193	0.0258	0.000844	5.14	0.0254	3.73	0.0000045	0.00518	0.00171	0.00448	0.00687	0.000492	3.98	0.00000253	0.0000543	0.0000661	0.000279	0.0142	0.00000267	0.798	0.000809	1.07	0.0085	0.000146	0.64	0.000952	0.00132	0.0000278	0.0000768	0.000041	0.0218	0.00000455	0.0000672	0.000254	0.00139
2048 Sep	27	0.0322	0.0393	0.00103	5.58	0.0246	4.42	0.00000406	0.00513	0.00258	0.00402	0.00707	0.000786	4.37	0.00000248	0.0000557	0.0000734	0.000289	0.0143	0.00000272	0.851	0.00098	1.14	0.0127	0.000209	0.649	0.00119	0.00145	0.0000282	0.0000922	0.000053	0.025	0.00000413	0.000097	0.000249	0.00129
2048 Oct	30.5	0.0383	0.052	0.00121	6.54	0.0263	5.01	0.00000372	0.00628	0.00339	0.00367	0.00768	0.00105	4.91	0.00000352	0.0000575	0.0000937	0.000336	0.0145	0.0000028	0.964	0.00114	1.23	0.0166	0.000271	0.677	0.0016	0.00157	0.000214	0.000115	0.0000587	0.0288	0.00000382	0.000125	0.000248	0.00147
2048 Nov	31.2	0.0462	0.0618	0.00135	6.6	0.024	5.25	0.00000347	0.0062	0.00403	0.00341	0.00763	0.00127	5.03	0.00000264	0.0000593	0.0000883	0.000319	0.0155	0.00000287	0.972	0.00128	1.2	0.0199	0.000322	0.654	0.00176	0.00174	0.0000596	0.00012	0.0000659	0.0299	0.00000359	0.000148	0.000249	0.0012
2048 Dec	32.1	0.0482	0.0646	0.0014	6.81	0.0243	5.41	0.00000344	0.00631	0.00421	0.00338	0.00782	0.00133	5.17	0.00000268	0.0000601	0.0000904	0.000325	0.0159	0.00000291	0.998	0.00132	1.23	0.0207	0.000336	0.666	0.00184	0.00173	0.0000639	0.000124	0.000068	0.0309	0.00000357	0.000155	0.000251	0.0012
2049 Jan	32.5	0.0493	0.0663	0.00143	6.92	0.0245	5.49	0.00000344	0.00643	0.00432	0.00338	0.0079	0.00137	5.25	0.00000271	0.0000608	0.0000919	0.000329	0.0162	0.00000294	1.01	0.00135	1.24	0.0213	0.000344	0.67	0.00189	0.00175	0.0000662	0.000126	0.0000693	0.0314	0.00000357	0.000159	0.000253	0.00121
2049 Feb	32.9	0.0504	0.0678	0.00145	7.02	0.0246	5.57	0.00000343	0.00654	0.00442	0.00337	0.00796	0.0014	5.31	0.00000273	0.0000613	0.0000931	0.000332	0.0165	0.00000297	1.02	0.00137	1.25	0.0218	0.000352	0.674	0.00192	0.00177	0.0000678	0.000128	0.0000705	0.0319	0.00000357	0.000162	0.000254	0.00121
2049 Mar	33.3	0.0514	0.0692	0.00147	7.12	0.0247	5.65	0.00000342	0.00662	0.00451	0.00336	0.00805	0.00143	5.38	0.00000275	0.0000619	0.0000943	0.000335	0.0167	0.00000299	1.03	0.00139	1.26	0.0222	0.000359	0.679	0.00196	0.00179	0.000069	0.00013	0.0000716	0.0323	0.00000356	0.000165	0.000256	0.00121
2049 Apr	29.3	0.0365	0.0474	0.00116	5.28	0.0278	5.05	0.00000396	0.00495	0.00311	0.00392	0.00761	0.000969	4.6	0.00000268	0.0000582	0.00008	0.000309	0.0129	0.00000284	0.949	0.0011	1.2	0.0152	0.00025	0.702	0.00155	0.00164	0.0000547	0.000104	0.0000565	0.0258	0.00000406	0.000117	0.000255	0.00131
2049 May	24	0.00963	0.00424	0.000526	3.75	0.0299	3.69	0.00000496	0.00241	0.000332	0.00496	0.00797	0.0000473	3.59	0.00000251	0.0000504	0.0000512	0.000252	0.00531	0.00000252	0.807	0.000524	1.25	0.00118	0.0000338	0.791	0.000724	0.00102	0.0000261	0.0000521	0.0000262	0.0175	0.00000497	0.0000194	0.00025	0.00149
2049 Jun	30.5	0.0251	0.0279	0.000836	6.47	0.0317	4.65	0.0000043	0.00315	0.00177	0.00428	0.0093	0.000521	4.83	0.00000247	0.0000529	0.0000831	0.000272	0.00875	0.00000261	1.02	0.000807	1.44	0.00824	0.000143	0.844	0.00116	0.00199	0.00003	0.0000768	0.000041	0.0265	0.00000435	0.0000682	0.000245	0.00134
2049 Jul	20.7	0.0098	0.0124	0.000645	4.25	0.0252	3.03	0.00000478	0.00506	0.000827	0.00477	0.00674	0.000219	3.41	0.00000251	0.0000519	0.0000911	0.000262	0.0143	0.00000258	0.69	0.000633	1.05	0.00542	0.000074	0.624	0.000865	0.00114	0.0000263	0.0000617	0.0000319	0.0175	0.0000048	0.0000387	0.000251	0.00145
2049 Aug	24.1	0.019	0.0249	0.000828	5.1	0.0254	3.69	0.00000451	0.00523	0.00161	0.00449	0.00684	0.000486	3.94	0.00000254	0.0000544	0.0000656	0.000279	0.0142	0.00000269	0.796	0.000803	1.06	0.00834	0.000142	0.637	0.000928	0.00131	0.0000278	0.000077	0.0000408	0.0216	0.00000456	0.0000679	0.000254	0.0014
2049 Sep	27	0.0325	0.0392	0.00103	5.59	0.0247	4.41	0.00000406	0.00526	0.0025	0.00402	0.00708	0.000802	4.36	0.00000249	0.0000562	0.0000736	0.000291	0.0143	0.00000277	0.858	0.000988	1.13	0.0128	0.000209	0.649	0.00119	0.00145	0.0000284	0.0000939	0.0000535	0.025	0.00000414	0.000101	0.000251	0.00129
2049 Oct	30.3	0.0375	0.0502	0.00118	6.5	0.0266	4.95	0.00000376	0.00642	0.00318	0.00371	0.00767	0.00104	4.87	0.00000361	0.000058	0.0000938	0.000339	0.0143	0.00000285	0.967	0.00113	1.23	0.0162	0.000262	0.677	0.00155	0.00155	0.000226	0.000116	0.0000584	0.0286	0.00000387	0.000127	0.00025	0.0015
2049 Nov	31	0.046	0.0607	0.00133	6.56	0.0241	5.2	0.00000349	0.00638	0.00384	0.00342	0.00762	0.00128	5	0.00000266	0.00006	0.0000881	0.000321	0.0154	0.00000294	0.977	0.00128	1.19	0.0197	0.000317	0.651	0.00173	0.00174	0.0000603	0.000122	0.0000662	0.0297	0.00000363	0.000152	0.000252	0.00121
2049 Dec	31.8	0.0479	0.0634	0.00137	6.76	0.0245	5.35	0.00000346	0.0065	0.004	0.00339	0.00781	0.00134	5.13	0.0000027	0.0000608	0.0000901	0.000327	0.0158	0.00000298	1	0.00132	1.21	0.0206	0.00033	0.663	0.0018	0.00172	0.0000647	0.000125	0.0000682	0.0306	0.00000361	0.000159	0.000254	0.00122
2050 Jan	32.2	0.049	0.065	0.0014	6.87	0.0246	5.43	0.00000345	0.00662	0.0041	0.00339	0.00788	0.00137	5.2	0.00000273	0.0000615	0.0000915	0.000331	0.0161	0.00000301	1.01	0.00134	1.22	0.0211	0.000338	0.667	0.00184	0.00174	0.0000672	0.000128	0.0000695	0.0311	0.00000361	0.000163	0.000255	0.00122
2050 Feb	32.6	0.05	0.0664	0.00142	6.97	0.0247	5.51	0.00000344	0.00673	0.00419	0.00338	0.00794	0.00141	5.27	0.00000275	0.000062	0.0000928	0.000334	0.0164	0.00000303	1.03	0.00137	1.23	0.0216	0.000346	0.67	0.00188	0.00176	0.0000688	0.00013	0.0000707	0.0316	0.0000036	0.000166	0.000257	0.00122
2050 Mar	33	0.051	0.0678	0.00145	7.07	0.0248	5.58	0.00000344	0.0068	0.00428	0.00337	0.00803	0.00144	5.33	0.00000277	0.0000625	0.0000939	0.000337	0.0166	0.00000306	1.04	0.00139	1.24	0.0221	0.000352	0.675	0.00191	0.00178	0.0000701	0.000132	0.0000718	0.032	0.0000036	0.00017	0.000258	0.00122
2050 Apr	29.1	0.0362	0.0464	0.00114	5.24	0.0279	5	0.00000397	0.00507	0.00296	0.00393	0.00759	0.000969	4.56	0.0000027	0.0000587	0.0000797	0.00031	0.0128	0.00000289	0.951	0.0011	1.19	0.015	0.000245	0.699	0.00152	0.00163	0.0000555	0.000105	0.0000566	0.0256	0.00000408	0.000119	0.000257	0.00132
2050 May	24	0.00963	0.00422	0.000525	3.75	0.0299	3.69	0.00000496	0.00242	0.000327	0.00496	0.00796	0.0000478	3.59	0.00000251	0.0000504	0.0000512	0.000253	0.00531	0.00000252	0.807	0.000524	1.25	0.00118	0.0000337	0.791	0.000723	0.00102	0.0000262	0.0000522	0.0000263	0.0175	0.00000497	0.0000196	0.00025	0.00149
2050 Jun	30.4	0.0247	0.0271	0.000822	6.44	0.0317	4.61	0.00000431	0.00315	0.00166	0.00428	0.00929	0.000514	4.81	0.00000247	0.0000528	0.0000828	0.000271	0.00863	0.00000261	1.02	0.0008	1.44	0.00804	0.000138	0.844	0.00113	0.00198	0.0000301	0.0000762	0.0000406	0.0264	0.00000436	0.0000676	0.000245	0.00134
2050 Jul	20.8	0.0102	0.0129	0.00065	4.27	0.0252	3.05	0.00000476	0.00506	0.00083	0.00475	0.00675	0.000233	3.43	0.00000251	0.0000518	0.000091	0.000262	0.0143	0.00000258	0.692	0.000639	1.05	0.00557	0.0000754	0.624	0.000868	0.00115	0.0000264	0.0000621	0.0000322	0.0176	0.00000478	0.0000397	0.000251	0.00145
2050 Aug	23.7	0.0177	0.023	0.000799	5.01	0.0253	3.59	0.00000454	0.00514	0.00144	0.00452	0.00677	0.000452	3.87	0.00000253	0.0000539	0.0000644	0.000275	0.014	0.00000267	0.783	0.000778	1.05	0.00776	0.000131	0.634	0.000875	0.00129	0.0000277	0.000074	0.0000394	0.0211	0.00000459	0.0000631	0.000253	0.0014
2050 Sep	26.8	0.0322	0.0385	0.00101	5.55	0.0246	4.36	0.00000404	0.00512	0.00237	0.00401	0.00704	0.000798	4.33	0.00000248	0.0000553	0.0000732	0.000287	0.0141	0.00000272	0.848	0.000979	1.13	0.0126	0.0002	0.648	0.00115	0.00144	0.0000284	0.0000907	0.0000526	0.0248	0.00000412	0.0000967	0.000247	0.00128
2050 Oct	30.1	0.0373	0.0496	0.00116	6.45	0.0263	4.89	0.00000373	0.00622	0.00302	0.00369	0.00761	0.00104	4.83	0.00000358	0.0000565	0.0000933	0.000333	0.0141	0.00000277	0.953	0.00112	1.22	0.0161	0.000252	0.676	0.00151	0.00154	0.000226	0.000112	0.0000572	0.0284	0.00000383	0.000121	0.000245	0.00149
2050 Nov	30.8	0.0458	0.0601	0.00132	6.52	0.0238	5.13	0.00000345	0.00611	0.00366	0.0034	0.00755	0.00128	4.95	0.00000262	0.0000582	0.0000875	0.000314	0.0152	0.00000284	0.959	0.00127	1.18	0.0196	0.000305	0.65	0.00168	0.00172	0.00006	0.000116	0.0000648	0.0295	0.00000357	0.000145	0.000244	0.00119
2050 Dec	31.6	0.0477	0.0628	0.00136	6.72	0.0241	5.28	0.00000342	0.00622	0.00381	0.00337	0.00773	0.00134	5.08	0.00000266	0.0000589	0.0000896	0.000319	0.0156	0.00000288	0.983	0.00131	1.2	0.0204	0.000317	0.661	0.00176	0.00171	0.0000644	0.00012	0.0000668	0.0304	0.00000354	0.000151	0.000246	0.00119
2051 Jan	32	0.0489	0.0644	0.00139	6.83	0.0242	5.36	0.00000342	0.00634	0.00391	0.00336	0.0078	0.00137	5.16	0.0000027	0.0000595	0.000091	0.000323	0.0159	0.0000029	0.996	0.00133	1.21	0.021	0.000325	0.665	0.0018	0.00173	0.0000669	0.000122	0.0000681	0.031	0.00000354	0.000155	0.000248	0.00119
2051 Feb	32.4	0.0499	0.0659	0.00141	6.93	0.0243	5.43	0.00000341	0.00644	0.004	0.00335	0.00786	0.00141	5.22	0.00000272	0.00006	0.0000922	0.000326	0.0162	0.00000293	1.01	0.00136	1.22	0.0215	0.000332	0.668	0.00183	0.00174	0.0000685	0.000124	0.0000693	0.0314	0.00000353	0.000158	0.000249	0.0012
2051 Mar	32.8	0.0509	0.0672	0.00143	7.03	0.0245	5.51	0.0000034	0.00651	0.00408	0.00334	0.00795	0.00144	5.29	0.00000274	0.0000605	0.0000933	0.000329	0.0164	0.00000295	1.02	0.00138	1.23	0.0219	0.000339	0.673	0.00187	0.00177	0.0000698	0.000126	0.0000703	0.0319	0.00000353	0.000161	0.00025	0.0012
2051 Apr	28.9	0.0361	0.0459	0.00113	5.21	0.0277	4.95	0.00000395	0.00486	0.00282	0.00391	0.00754	0.00097	4.53	0.00000267	0.0000573	0.0000793	0.000304	0.0127	0.00000281	0.937	0.00109	1.18	0.0149	0.000236	0.698	0.00148	0.00162	0.0000552	0.000101	0.0000555	0.0255	0.00000404	0.000114	0.000251	0.0013
2051 May	24	0.00968	0.00429	0.000526	3.76	0.0299	3.69	0.00000496	0.00242	0.000327	0.00496	0.00796	0.0000497	3.59	0.00000251	0.0000503	0.0000512	0.000252	0.00532	0.00000251	0.807	0.000525	1.25	0.00121	0.0000337	0.791	0.000723	0.00102	0.0000262	0.0000521	0.0000263	0.0175	0.00000496	0.0000195	0.00025	0.00149
2051 Jun	30.5	0.0253	0.0279	0.000833	6.46	0.0315	4.62	0.00000428	0.00316	0.00165	0.00426	0.00926	0.000536	4.81	0.00000246	0.0000526	0.000083	0.000271	0.00874	0.0000026	1.01	0.000811	1.43	0.00832	0.000139	0.841	0.00114	0.00198	0.0000302	0.000076	0.000041	0.0265	0.00000433	0.0000682	0.000244	0.00134
2051 Jul	20.9	0.0105	0.0133	0.000656	4.3	0.0252	3.07	0.00000475	0.00508	0.000828	0.00474	0.00676	0.000244	3.44	0.00000251	0.0000519	0.0000911	0.000263	0.0143	0.00000258	0.695	0.000646	1.06	0.00571	0.0000765	0.625	0.000872	0.00115	0.0000265	0.0000624	0.0000325	0.0177	0.00000477	0.0000406	0.000251	0.00145
2051 Aug	24	0.0189	0.0245	0.00082	5.09	0.0254	3.65	0.00000451	0.00521	0.00148	0.00449	0.00683	0.000489	3.92	0.00000254	0.0000542	0.0000654	0.000277	0.0141	0.00000269	0.793	0.000801	1.06	0.00827	0.000136	0.637	0.0009	0.00131	0.0000279	0.0000757	0.0000405	0.0215	0.00000456	0.0000668	0.000253	0.0014
2051 Sep	26.9	0.0325	0.0387	0.00102	5.58	0.0247	4.37	0.00000406	0.00518	0.00229	0.00402	0.00707	0.000809	4.34	0.00000249	0.0000556	0.0000736	0.000288	0.0142	0.00000275	0.853	0.000987	1.13	0.0127	0.000199	0.651	0.00115	0.00145	0.0000286	0.0000914	0.0000531	0.025	0.00000413	0.0000984	0.000248	0.00129
2051 Oct	30.1	0.037	0.049	0.00115	6.45	0.0265	4.87	0.00000375	0.00629	0.00288	0.00371	0.00762	0.00103	4.82	0.00000363	0.0000567	0.0000937	0.000335	0.0141	0.00000279	0.956	0.00112	1.22	0.016	0.000247	0.677	0.00149	0.00154	0.000233	0.000112	0.0000571	0.0283	0.00000385	0.000121	0.000246	0.0015
2051 Nov	30.7	0.0458	0.0597	0.00131	6.51	0.0239	5.1	0.00000346	0.00619	0.0035	0.0034	0.00755	0.00128	4.94	0.00000264	0.0000584	0.0000876	0.000314	0.0151	0.00000287	0.961	0.00127	1.17	0.0196	0.0003	0.649	0.00165	0.00172	0.0000611	0.000116	0.0000649	0.0295	0.00000358	0.000147	0.000245	0.00119
2051 Dec	31.5	0.0477	0.0623	0.00135	6.71	0.0242	5.25	0.00000343	0.0063	0.00364	0.00337	0.00773	0.00134	5.07	0.00000268	0.0000591	0.0000896	0.000319	0.0156	0.0000029	0.986	0.00131	1.2	0.0204	0.000312	0.661	0.00173	0.0017	0.0000655	0.00012	0.0000669	0.0304	0.00000355	0.000153	0.000246	0.0012
2052 Jan	32	0.0488	0.0639	0.00138	6.82	0.0243	5.33	0.00000342	0.00641	0.00374	0.00336	0.0078	0.00138	5.14	0.00000271	0.0000597	0.000091	0.000323	0.0158	0.00000293	0.997	0.00133	1.21	0.0209	0.00032	0.665	0.00177	0.00172	0.000068	0.000122	0.0000682	0.0309	0.00000355	0.000156	0.000248	0.0012
2052 Feb	32.3	0.0499	0.0654	0.0014	6.92	0.0244	5.4	0.00000341	0.00652	0.00382	0.00335	0.00786	0.00141	5.2	0.00000273	0.0000602	0.0000923	0.000327	0.0161	0.00000295	1.01	0.00136	1.21	0.0215	0.000327	0.668	0.0018	0.00174	0.0000696	0.000124	0.0000694	0.0314	0.00000354	0.00016	0.000249	0.0012
2052 Mar	32.8	0.0508	0.0668	0.00142	7.02	0.0245	5.47	0.0000034	0.00659	0.0039	0.00334	0.00795	0.00144	5.27	0.00000275	0.0000607	0.0000934	0.00033	0.0163	0.00000297	1.02	0.00138	1.23	0.0219	0.000334	0.673	0.00184	0.00176	0.0000709	0.000126	0.0000704	0.0318	0.00000354	0.000163	0.000251	0.0012
2052 Apr	28.7	0.0352	0.0443	0.0011	5.09	0.0279	4.89	0.00000398	0.00482	0.00263	0.00394	0.00751	0.000944	4.47	0.00000268	0.0000572	0.0000785	0.000303	0.0124	0.00000282	0.934	0.00107	1.17	0.0145	0.000226	0.699	0.00144	0.00161	0.000055	0.0000996	0.0000547	0.0251	0.00000407	0.000112	0.000252	0.00131
2052 May	24	0.00981	0.00447	0.000529	3.77	0.0299	3.69	0.00000496	0.00243	0.000333	0.00495	0.00796	0.0000542	3.6	0.00000251	0.0000504	0.0000514	0.000253	0.00535	0.00000252	0.808	0.000528	1.25	0.00127	0.0000345	0.79	0.000726	0.00103	0.0000264	0.0000524	0.0000264	0.0175	0.00000496	0.00002	0.00025	0.00149
2052 Jun	30.3	0.0247	0.0268	0.000816	6.42	0.0315	4.57	0.00000429	0.00308	0.00154	0.00427	0.00925	0.000517	4.78	0.00000245	0.0000521	0.0000825	0.000268	0.00856	0.00000258	1.01	0.000797	1.43	0.00802	0.000132	0.842	0.00111	0.00198	0.0000301	0.0000742	0.0000402	0.0263	0.00000433	0.0000657	0.000242	0.00133
2052 Jul	20.4	0.00928	0.0116	0.00063	4.2	0.0251	2.98	0.00000478	0.00501	0.000707	0.00477	0.0067	0.000207	3.37	0.00000251	0.0000514	0.0000908	0.00026	0.0142	0.00000256	0.682	0.000622	1.05	0.0052	0.000067	0.621	0.000834	0.00113	0.0000263	0.0000599	0.0000312	0.0172	0.0000048	0.0000362	0.00025	0.00145
2052 Aug	23.6	0.0178	0.0229	0.000795	5	0.0253	3.57	0.00000453	0.00509	0.00134	0.00452	0.00675	0.000456	3.86	0.00000252	0.0000534	0.0000643	0.000273	0.014	0.00000265	0.779	0.000778	1.05	0.00778	0.000126	0.634	0.000855	0.00129	0.0000277	0.0000725	0.0000391	0.0211	0.00000457	0.0000616	0.000251	0.0014
2052 Sep	26.8	0.0324	0.0383	0.00101	5.55	0.0244	4.32	0.00000403	0.00503	0.00219	0.004	0.00702	0.000804	4.31	0.00000247	0.0000544	0.0000732	0.000284	0.0141	0.00000268	0.841	0.000979	1.12	0.0126	0.000192	0.648	0.00112	0.00144	0.0000284	0.000088	0.0000522	0.0248	0.00000409	0.0000939	0.000244	0.00127
2052 Oct	30	0.0375	0.0494	0.00116	6.44	0.0261	4.84	0.0000037	0.00609	0.00279	0.00367	0.00757	0.00105	4.8	0.00000355	0.0000554	0.0000931	0.000328	0.014	0.00000272	0.943	0.00112	1.21	0.0161	0.000242	0.674	0.00147	0.00154	0.000224	0.000108	0.0000567	0.0284	0.00000378	0.000117	0.00024	0.00147
2052 Nov	30.7	0.046	0.0597	0.00131	6.5	0.0235	5.06	0.00000342	0.00595	0.00336	0.00337	0.00749	0.00129	4.92	0.0000026	0.0000567	0.0000872	0.000308	0.0151	0.00000278	0.946	0.00127	1.17	0.0196	0.000291	0.648	0.00162	0.00171	0.0000593	0.000111	0.000064	0.0295	0.00000352	0.00014	0.000238	0.00117
2052 Dec	31.5	0.0478	0.0623	0.00135	6.69	0.0238	5.2	0.00000339	0.00605	0.0035	0.00334	0.00767	0.00134	5.04	0.00000264	0.0000574	0.0000893	0.000312	0.0155	0.00000281	0.97	0.0013	1.19	0.0204	0.000303	0.659	0.0017	0.00169	0.0000637	0.000114	0.0000659	0.0303	0.00000349	0.000146	0.00024	0.00117
2053 Jan	31.9	0.049	0.0638	0.00137	6.8	0.0239	5.28	0.00000339	0.00616	0.00359	0.00333	0.00774	0.00138	5.11	0.00000267	0.0000579	0.0000906	0.000316	0.0158	0.00000283	0.981	0.00133	1.2	0.021	0.00031	0.663	0.00173	0.00171	0.0000662	0.000117	0.0000672	0.0309	0.00000349	0.000149	0.000241	0.00117
2053 Feb	32.3	0.05	0.0653	0.0014	6.9	0.024	5.35	0.00000337	0.00626	0.00367	0.00332	0.0078	0.00141	5.18	0.00000269	0.0000584	0.0000919	0.000319	0.016	0.00000285	0.991	0.00135	1.21	0.0215	0.000317	0.666	0.00177	0.00173	0.0000678	0.000118	0.0000683	0.0313	0.00000348	0.000153	0.000242	0.00117
2053 Mar	32.7	0.051	0.0667	0.00142	7	0.0242	5.42	0.00000337	0.00633	0.00374	0.00331	0.00788	0.00144	5.24	0.00000271	0.0000588	0.000093	0.000322	0.0163	0.00000287	1	0.00137	1.22	0.0219	0.000323	0.671	0.0018	0.00175	0.0000691	0.00012	0.0000694	0.0318	0.00000347	0.000156	0.000243	0.00117
2053 Apr	28.7	0.0358	0.045	0.00111	5.14	0.0275	4.87	0.00000394	0.0047	0.00256	0.00391	0.00748	0.000961	4.48	0.00000265	0.0000561	0.0000787	0.000299	0.0125	0.00000276	0.925	0.00108	1.17	0.0147	0.000223	0.697	0.00143	0.00161	0.0000544	0.0000967	0.0000545	0.0253	0.00000401	0.000109	0.000247	0.00129
2053 May	25.9	0.0181	0.0169	0.00071	4.43	0.0289	4.06	0.00000467	0.00322	0.00101	0.00466	0.008	0.000331	3.95	0.00000257	0.0000524	0.00006	0.000268	0.00754	0.0000026	0.852	0.000699	1.25	0.00539	0.0000919	0.772	0.000945	0.00118	0.000035	0.0000661	0.0000351	0.0205	0.0000047	0.000047	0.000251	0.00144
2053 Jun	30.3	0.0248	0.0269	0.000815	6.43	0.0315	4.57	0.00000429	0.0031	0.00149	0.00427	0.00925	0.00052	4.79	0.00000246	0.0000521	0.0000827	0.000268	0.00858	0.00000259	1.01	0.0008	1.43	0.00809	0.000131	0.842	0.0011	0.00197	0.0000301	0.0000742	0.0000403	0.0264	0.00000433	0.0000661	0.000242	0.00133
2053 Jul	20.3	0.00895	0.0111	0.000622	4.17	0.0251	2.95	0.00000479	0.00502	0.000662	0.00479	0.00669	0.000197	3.36	0.00000251	0.0000514	0.0000907	0.00026	0.0142	0.00000256	0.679	0.000616	1.04	0.00507	0.0000645	0.621	0.000823	0.00112	0.0000262	0.0000595	0.000031	0.0171	0.00000481	0.0000356	0.00025	0.00145
2053 Aug	23.6	0.0176	0.0226	0.000789	4.99	0.0253	3.55	0.00000453	0.00512	0.00128	0.00452	0.00674	0.000451	3.85	0.00000253	0.0000534	0.0000641	0.000273	0.0139	0.00000266	0.779	0.000775	1.04	0.00773	0.000124	0.633	0.000842	0.00128	0.0000277	0.0000726	0.0000391	0.021	0.00000457	0.0000622	0.000251	0.0014
2053 Sep	26.7	0.0321	0.0377	0.000994	5.52	0.0245	4.29	0.00000404	0.00509	0.00208	0.004	0.00701	0.000793	4.29	0.00000247	0.0000546	0.0000729	0.000284	0.014	0.00000271	0.842	0.000974	1.12	0.0125	0.000189	0.647	0.0011	0.00143	0.0000285	0.0000883	0.0000522	0.0247	0.0000041	0.000095	0.000244	0.00128
2053 Oct	29.9	0.0372	0.0488	0.00114	6.42	0.0262	4.81	0.00000371	0.00618	0.00266	0.00367	0.00756	0.00104	4.78	0.00000357	0.0000557	0.0000929	0.000329	0.014	0.00000275	0.946	0.00112	1.2	0.0161	0.000238	0.673	0.00144	0.00153	0.000225	0.000109	0.0000568	0.0282	0.0000038	0.000119	0.000241	0.00147
2053 Nov	30.5	0.0456	0.0589	0.00129	6.47	0.0236	5.02	0.00000343	0.00607	0.0032	0.00338	0.00748	0.00127	4.89	0.00000262	0.0000571	0.000087	0.000309	0.015	0.00000281	0.949	0.00126	1.16	0.0195	0.000287	0.646	0.00159	0.0017	0.0000608	0.000112	0.0000642	0.0293	0.00000354	0.000143	0.000239	0.00118
2053 Dec	31.3	0.0476	0.0615	0.00133	6.67	0.0239	5.16	0.0000034	0.00618	0.00334	0.00335	0.00767	0.00133	5.02	0.00000266	0.0000578	0.0000891	0.000314	0.0154	0.00000285	0.974	0.0013	1.18	0.0204	0.000298	0.657	0.00167	0.00169	0.0000653	0.000115	0.0000661	0.0302	0.00000351	0.000149	0.000241	0.00118
2054 Jan	31.8	0.0487	0.0631	0.00136	6.78	0.024	5.24	0.00000339	0.00629	0.00342	0.00334	0.00774	0.00137	5.09	0.00000269	0.0000584	0.0000905	0.000318	0.0157	0.00000287	0.985	0.00132	1.19	0.0209	0.000306	0.662	0.0017	0.00171	0.0000678	0.000118	0.0000674	0.0307	0.00000351	0.000152	0.000243	0.00118
2054 Feb	32.2	0.0497	0.0646	0.00138	6.88	0.0241	5.31	0.00000338	0.00639	0.0035	0.00333	0.0078	0.0014	5.15	0.00000271	0.0000589	0.0000918	0.000321	0.0159	0.0000029	0.996	0.00135	1.2	0.0214	0.000313	0.665	0.00173	0.00172	0.0000694	0.00012	0.0000686	0.0312	0.0000035	0.000156	0.000244	0.00118
2054 Mar	32.6	0.0507	0.0659	0.0014	6.98	0.0243	5.39	0.00000338	0.00646	0.00357	0.00332	0.00788	0.00143	5.22	0.00000273	0.0000593	0.0000928	0.000324	0.0162	0.00000292	1.01	0.00137	1.21	0.0219	0.000319	0.67	0.00177	0.00174	0.0000706	0.000121	0.0000696	0.0317	0.00000349	0.000159	0.000245	0.00118
2054 Apr	28.7	0.0358	0.0448	0.0011	5.15	0.0276	4.86	0.00000394	0.00481	0.00246	0.0039	0.00749	0.000959	4.48	0.00000267	0.0000565	0.0000788	0.000301	0.0125	0.00000279	0.93	0.00108	1.17	0.0148	0.000221	0.696	0.00141	0.00161	0.0000556	0.0000978	0.0000549	0.0253	0.00000402	0.000111	0.000248	0.0013
2054 May	23.9	0.00953	0.00403	0.000522	3.74	0.0299	3.68	0.00000496	0.0024	0.000301	0.00496	0.00796	0.0000445	3.58	0.00000251	0.0000503	0.0000511	0.000252	0.00527	0.00000251	0.806	0.000521	1.25	0.00113	0.0000321	0.791	0.000717	0.00102	0.0000261	0.0000518	0.0000261	0.0174	0.00000497	0.000019	0.00025	0.00149
2054 Jun	30.2	0.0246	0.0265	0.000807	6.41	0.0314	4.54	0.00000428	0.00304	0.00142	0.00426	0.00923	0.000512	4.77	0.00000245	0.0000516	0.0000824	0.000266	0.00851	0.00000256	1.01	0.000794	1.42	0.00801	0.000127	0.841	0.00108	0.00197	0.0000302	0.0000727	0.0000399	0.0262	0.00000431	0.0000642	0.00024	0.00133
2054 Jul	21	0.0112	0.0139	0.000662	4.33	0.0251	3.08	0.00000472	0.00504	0.00079	0.00471	0.00677	0.00026	3.46	0.0000025	0.0000515	0.0000909	0.000262	0.0143	0.00000257	0.697	0.000654	1.06	0.00594	0.0000763	0.625	0.000869	0.00116	0.0000266	0.0000619	0.0000328	0.0179	0.00000473	0.0000409	0.000249	0.00143
2054 Aug	23.7	0.0181	0.0231	0.000794	5.01	0.0252	3.56	0.00000451	0.00507	0.00126	0.0045	0.00675	0.000461	3.86	0.00000252	0.000053	0.0000644	0.000272	0.0139	0.00000263	0.778	0.00078	1.04	0.00791	0.000123	0.633	0.000844	0.00129	0.0000277	0.0000715	0.0000392	0.0211	0.00000454	0.0000612	0.000249	0.00139
2054 Sep	26.7	0.0322	0.0377	0.000992	5.53	0.0244	4.28	0.00000403	0.00498	0.00201	0.004	0.007	0.000792	4.29	0.00000246	0.0000539	0.000073	0.000282	0.014	0.00000267	0.837	0.000973	1.11	0.0126	0.000184	0.648	0.00108	0.00143	0.0000285	0.0000859	0.0000519	0.0247	0.00000408	0.000092	0.000242	0.00127
2054 Oct	30	0.0373	0.0486	0.00114	6.43	0.0261	4.79	0.0000037	0.00608	0.00256	0.00367	0.00755	0.00103	4.78	0.00000357	0.0000549	0.0000932	0.000327	0.0139	0.00000271	0.94	0.00111	1.2	0.0161	0.000232	0.674	0.00143	0.00153	0.000227	0.000106	0.0000563	0.0283	0.00000378	0.000116	0.000238	0.00147
2054 Nov	30.5	0.0457	0.0587	0.00128	6.47	0.0235	4.99	0.00000342	0.00595	0.00308	0.00337	0.00746	0.00127	4.88	0.0000026	0.0000562	0.000087	0.000305	0.0149	0.00000277	0.942	0.00126	1.15	0.0196	0.00028	0.646	0.00157	0.0017	0.0000601	0.000109	0.0000637	0.0293	0.00000351	0.000139	0.000236	0.00116
2054 Dec	31.3	0.0476	0.0612	0.00132	6.67	0.0238	5.13	0.00000339	0.00605	0.0032	0.00334	0.00765	0.00132	5.01	0.00000264	0.0000569	0.000089	0.00031	0.0154	0.0000028	0.966	0.00129	1.18	0.0204	0.000291	0.657	0.00164	0.00168	0.0000645	0.000112	0.0000656	0.0302	0.00000348	0.000145	0.000237	0.00117
2055 Jan	31.7	0.0487	0.0628	0.00135	6.77	0.0239	5.21	0.00000338	0.00617	0.00328	0.00333	0.00771	0.00136	5.07	0.00000267	0.0000574	0.0000904	0.000314	0.0156	0.00000283	0.977	0.00132	1.19	0.0209	0.000299	0.661	0.00167	0.0017	0.000067	0.000115	0.0000668	0.0307	0.00000348	0.000149	0.000239	0.00117
2055 Feb	32.1	0.0497	0.0642	0.00137	6.87	0.024	5.28	0.00000337	0.00627	0.00336	0.00332	0.00777	0.00139	5.13	0.00000269	0.0000579	0.0000916	0.000317	0.0159	0.00000285	0.987	0.00134	1.19	0.0214	0.000305	0.664	0.00171	0.00172	0.0000686	0.000116	0.000068	0.0311	0.00000347	0.000152	0.00024	0.00117
2055 Mar	32.5	0.0507	0.0655	0.00139	6.97	0.0241	5.35	0.00000336	0.00634	0.00342	0.00331	0.00785	0.00142	5.2	0.00000271	0.0000583	0.0000927	0.00032	0.0161	0.00000287	0.999	0.00136	1.2	0.0218	0.000311	0.669	0.00174	0.00174	0.0000699	0.000118	0.000069	0.0316	0.00000346	0.000155	0.000241	0.00117
2055 Apr	28.5	0.0351	0.0435	0.00108	5.06	0.0276	4.81	0.00000396	0.00465	0.00231	0.00392	0.00745	0.000931	4.43	0.00000265	0.0000557	0.000078	0.000297	0.0122	0.00000275	0.92	0.00106	1.16	0.0144	0.000212	0.696	0.00138	0.0016	0.0000544	0.0000947	0.0000538	0.0249	0.00000402	0.000107	0.000245	0.00129
2055 May	24	0.00982	0.00446	0.000528	3.77	0.0298	3.69	0.00000495	0.00243	0.00032	0.00495	0.00796	0.0000541	3.6	0.00000251	0.0000503	0.0000514	0.000252	0.00535	0.00000251	0.807	0.000527	1.25	0.00128	0.0000339	0.79	0.000724	0.00103	0.0000264	0.0000522	0.0000264	0.0175	0.00000496	0.0000199	0.00025	0.00149
2055 Jun	30.3	0.025	0.027	0.000812	6.41	0.0313	4.54	0.00000426	0.00306	0.0014	0.00425	0.00921	0.000522	4.77	0.00000245	0.0000515	0.0000825	0.000266	0.00858	0.00000256	1	0.0008	1.42	0.00821	0.000128	0.839	0.00108	0.00197	0.0000302	0.0000726	0.0000402	0.0263	0.0000043	0.0000647	0.000239	0.00132
2055 Jul	20.8	0.0106	0.0131	0.00065	4.29	0.0251	3.04	0.00000474	0.00503	0.000729	0.00473	0.00674	0.000242	3.43	0.0000025	0.0000514	0.0000909	0.000261	0.0142	0.00000256	0.691	0.000644	1.05	0.00572	0.0000721	0.624	0.000852	0.00115	0.0000265	0.0000609	0.0000323	0.0177	0.00000475	0.0000393	0.000249	0.00144
2055 Aug	23.8	0.0187	0.0237	0.000801	5.04	0.0252	3.59	0.00000449	0.0051	0.00126	0.00447	0.00677	0.000476	3.88	0.00000252	0.0000531	0.000065	0.000273	0.014	0.00000264	0.782	0.000791	1.04	0.00818	0.000125	0.634	0.000853	0.0013	0.0000278	0.0000722	0.0000397	0.0213	0.00000452	0.0000631	0.000248	0.00138
2055 Sep	26.5	0.0317	0.0368	0.000975	5.48	0.0243	4.23	0.00000403	0.00499	0.0019	0.004	0.00695	0.000773	4.25	0.00000246	0.0000538	0.0000724	0.00028	0.0139	0.00000267	0.832	0.000962	1.11	0.0124	0.000179	0.644	0.00105	0.00142	0.0000284	0.0000851	0.0000515	0.0245	0.00000409	0.0000913	0.000241	0.00127
2055 Oct	29.8	0.0372	0.0482	0.00112	6.4	0.026	4.75	0.00000369	0.00609	0.00245	0.00365	0.00752	0.00102	4.75	0.00000354	0.0000547	0.0000927	0.000325	0.0139	0.00000271	0.937	0.00111	1.19	0.0161	0.000229	0.67	0.0014	0.00152	0.000224	0.000105	0.0000563	0.0281	0.00000376	0.000116	0.000237	0.00146
2055 Nov	30.4	0.0456	0.0582	0.00127	6.46	0.0234	4.96	0.0000034	0.00598	0.00295	0.00335	0.00744	0.00126	4.86	0.0000026	0.000056	0.0000868	0.000305	0.0149	0.00000277	0.94	0.00125	1.14	0.0196	0.000276	0.643	0.00155	0.00169	0.0000606	0.000109	0.0000636	0.0292	0.00000349	0.00014	0.000235	0.00116
2055 Dec	31.2	0.0474	0.0606	0.00131	6.64	0.0237	5.09	0.00000338	0.00608	0.00306	0.00333	0.00762	0.00131	4.98	0.00000264	0.0000567	0.0000888	0.000309	0.0153	0.0000028	0.963	0.00129	1.17	0.0204	0.000286	0.654	0.00161	0.00168	0.000065	0.000112	0.0000654	0.0301	0.00000347	0.000145	0.000236	0.00116
2056 Jan	31.6	0.0485	0.0622	0.00133	6.75	0.0238	5.17	0.00000337	0.00619	0.00314	0.00332	0.00769	0.00135	5.05	0.00000267	0.0000573	0.0000902	0.000313	0.0156	0.00000283	0.975	0.00131	1.18	0.0209	0.000294	0.658	0.00165	0.0017	0.0000675	0.000114	0.0000668	0.0306	0.00000347	0.000149	0.000238	0.00117
2056 Feb	32	0.0496	0.0638	0.00136	6.86	0.0239	5.25	0.00000336	0.0063	0.00322	0.00331	0.00775	0.00138	5.12	0.00000269	0.0000578	0.0000915	0.000317	0.0158	0.00000285	0.986	0.00134	1.18	0.0214	0.000301	0.662	0.00168	0.00171	0.0000691	0.000116	0.000068	0.0311	0.00000346	0.000152	0.000239	0.00117
2056 Mar	32.4	0.0506	0.065	0.00138	6.95	0.0241	5.32	0.00000336	0.00637	0.00328	0.0033	0.00783	0.00141	5.18	0.00000271	0.0000582	0.0000926	0.000319	0.0161	0.00000288	0.998	0.00136	1.2	0.0219	0.000306	0.667	0.00171	0.00173	0.0000703	0.000118	0.000069	0.0315	0.00000346	0.000155	0.00024	0.00117
2056 Apr	28.4	0.0349	0.0431	0.00107	5.04	0.0276	4.78	0.00000396	0.00466	0.00221	0.00392	0.00743	0.00092	4.41	0.00000265	0.0000556	0.0000779	0.000296	0.0122	0.00000276	0.919	0.00106	1.16	0.0144	0.000208	0.695	0.00136	0.00159	0.0000545	0.0000941	0.0000537	0.0248	0.00000402	0.000106	0.000245	0.00129
2056 May	24	0.01	0.00471	0.000532	3.78	0.0298	3.7	0.00000495	0.00245	0.000329	0.00495	0.00796	0.0000597	3.6	0.00000251	0.0000504	0.0000516	0.000253	0.00539	0.00000252	0.808	0.000531	1.25	0.00137	0.000035	0.79	0.000727	0.00103	0.0000266	0.0000525	0.0000266	0.0176	0.00000495	0.0000205	0.00025	0.00149
2056 Jun	30.2	0.0247	0.0263	0.000801	6.4	0.0314	4.53	0.00000427	0.00309	0.00133	0.00425	0.00922	0.000508	4.76	0.00000245	0.0000517	0.0000824	0.000267	0.00851	0.00000258	1.01	0.000794	1.42	0.00808	0.000125	0.839	0.00107	0.00197	0.0000301	0.0000728	0.0000401	0.0262	0.00000431	0.0000654	0.00024	0.00133
2056 Jul	20.3	0.00888	0.0108	0.000617	4.17	0.0251	2.94	0.00000479	0.00501	0.000602	0.00478	0.00668	0.000191	3.35	0.00000251	0.0000512	0.0000907	0.000259	0.0142	0.00000256	0.678	0.000614	1.04	0.00506	0.000062	0.62	0.000811	0.00112	0.0000262	0.0000589	0.0000308	0.0171	0.00000481	0.0000351	0.000249	0.00145
2056 Aug	23.9	0.0192	0.0243	0.000806	5.07	0.0251	3.61	0.00000446	0.00515	0.00125	0.00443	0.00678	0.000488	3.89	0.00000251	0.0000532	0.0000654	0.000273	0.0139	0.00000265	0.787	0.000799	1.04	0.00845	0.000128	0.632	0.000861	0.0013	0.0000279	0.0000734	0.0000404	0.0215	0.00000449	0.000066	0.000248	0.00138
2056 Sep	26.1	0.031	0.0357	0.000953	5.4	0.0241	4.16	0.00000403	0.00499	0.00178	0.004	0.00686	0.000747	4.19	0.00000245	0.0000535	0.0000714	0.000278	0.0139	0.00000266	0.822	0.000946	1.09	0.0121	0.000173	0.637	0.00102	0.00139	0.0000282	0.0000842	0.0000509	0.0241	0.00000408	0.0000903	0.00024	0.00127
2056 Oct	29.6	0.037	0.0476	0.00111	6.36	0.0258	4.71	0.00000368	0.00611	0.00234	0.00364	0.00746	0.00101	4.71	0.00000354	0.0000545	0.0000921	0.000324	0.0139	0.00000271	0.932	0.0011	1.18	0.016	0.000225	0.665	0.00138	0.00151	0.000224	0.000105	0.0000561	0.028	0.00000375	0.000116	0.000236	0.00145
2056 Nov	30.2	0.0453	0.0575	0.00125	6.41	0.0233	4.91	0.0000034	0.00599	0.00281	0.00335	0.00738	0.00124	4.82	0.00000259	0.0000557	0.0000862	0.000303	0.0148	0.00000277	0.934	0.00124	1.13	0.0195	0.00027	0.639	0.00151	0.00168	0.0000604	0.000108	0.0000634	0.029	0.00000349	0.000139	0.000234	0.00116
2056 Dec	31	0.0472	0.0601	0.00129	6.61	0.0236	5.05	0.00000337	0.00609	0.00293	0.00332	0.00757	0.00129	4.95	0.00000263	0.0000564	0.0000883	0.000308	0.0153	0.0000028	0.958	0.00128	1.16	0.0203	0.000281	0.65	0.00158	0.00166	0.0000649	0.000111	0.0000653	0.0299	0.00000346	0.000145	0.000235	0.00116
2057 Jan	31.5	0.0484	0.0617	0.00132	6.72	0.0237	5.13	0.00000336	0.0062	0.003	0.00331	0.00764	0.00133	5.02	0.00000266	0.0000569	0.0000897	0.000312	0.0155	0.00000282	0.97	0.00131	1.17	0.0209	0.000288	0.654	0.00162	0.00168	0.0000674	0.000113	0.0000666	0.0304	0.00000346	0.000148	0.000236	0.00116
2057 Feb	31.8	0.0494	0.0631	0.00134	6.81	0.0238	5.2	0.00000335	0.00629	0.00307	0.0033	0.00769	0.00136	5.08	0.00000268	0.0000574	0.0000909	0.000315	0.0158	0.00000284	0.98	0.00133	1.17	0.0214	0.000295	0.657	0.00165	0.0017	0.000069	0.000115	0.0000677	0.0309	0.00000345	0.000152	0.000237	0.00116
2057 Mar	32.2	0.0503	0.0644	0.00136	6.91	0.0239	5.27	0.00000334	0.00636	0.00313	0.00329	0.00778	0.00139	5.14	0.0000027	0.0000578	0.000092	0.000317	0.016	0.00000286	0.991	0.00135	1.18	0.0218	0.0003	0.662	0.00168	0.00172	0.0000702	0.000116	0.0000688	0.0313	0.00000344	0.000155	0.000238	0.00116

Appendix C16: DS2

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2057 Apr	28.3	0.0347	0.0425	0.00106	5	0.0275	4.75	0.00000395	0.00464	0.00211	0.00392	0.00739	0.000905	4.38	0.00000264	0.0000553	0.0000774	0.000295	0.0121	0.00000275	0.914	0.00105	1.15	0.0143	0.000203	0.692	0.00133	0.00158	0.0000544	0.0000931	0.0000534	0.0247	0.00000402	0.000106	0.000244	0.00129
2057 May	24	0.00994	0.00461	0.00053	3.77	0.0298	3.69	0.00000495	0.00244	0.00032	0.00495	0.00796	0.0000574	3.6	0.00000251	0.0000503	0.0000515	0.000253	0.00538	0.00000252	0.808	0.00053	1.25	0.00134	0.0000344	0.79	0.000725	0.00103	0.0000265	0.0000523	0.0000265	0.0176	0.00000495	0.0000203	0.00025	0.00149
2057 Jun	30.1	0.0242	0.0256	0.000787	6.38	0.0314	4.49	0.00000428	0.00298	0.00125	0.00426	0.00921	0.000488	4.74	0.00000244	0.0000511	0.0000821	0.000264	0.00837	0.00000255	1	0.000781	1.42	0.00785	0.000119	0.84	0.00105	0.00197	0.0000298	0.0000707	0.0000394	0.0261	0.00000431	0.0000621	0.000238	0.00132
2057 Jul	20.1	0.00852	0.0103	0.000608	4.13	0.025	2.91	0.0000048	0.00497	0.000563	0.00479	0.00665	0.00018	3.32	0.0000025	0.0000509	0.0000905	0.000257	0.0141	0.00000254	0.672	0.000606	1.04	0.00491	0.0000588	0.619	0.000799	0.00111	0.0000261	0.0000578	0.0000304	0.0169	0.00000481	0.0000333	0.000248	0.00145
2057 Aug	23.3	0.0171	0.0215	0.000766	4.94	0.0251	3.48	0.00000453	0.00502	0.00108	0.00451	0.00669	0.000424	3.8	0.00000251	0.0000525	0.0000635	0.000269	0.0138	0.00000261	0.768	0.00076	1.03	0.00756	0.000114	0.629	0.000796	0.00127	0.0000276	0.0000692	0.0000382	0.0208	0.00000455	0.0000582	0.000247	0.00139
2057 Sep	26.1	0.0307	0.0349	0.000941	5.39	0.0242	4.14	0.00000404	0.00485	0.00169	0.00401	0.00687	0.000728	4.18	0.00000244	0.0000528	0.0000712	0.000276	0.0137	0.00000262	0.817	0.000935	1.09	0.0119	0.000166	0.64	0.000993	0.0014	0.0000282	0.0000814	0.0000502	0.024	0.00000408	0.0000861	0.000238	0.00126
2057 Oct	29.5	0.0366	0.0468	0.0011	6.33	0.0257	4.67	0.00000367	0.00593	0.00222	0.00363	0.00744	0.000987	4.69	0.00000353	0.0000534	0.000092	0.00032	0.0137	0.00000265	0.922	0.00109	1.18	0.0158	0.000216	0.666	0.00135	0.0015	0.000226	0.000101	0.0000551	0.0278	0.00000372	0.000111	0.000232	0.00145
2057 Nov	30.1	0.045	0.0567	0.00124	6.37	0.0231	4.86	0.00000337	0.00577	0.00267	0.00333	0.00734	0.00122	4.78	0.00000256	0.0000543	0.0000858	0.000297	0.0147	0.00000269	0.921	0.00123	1.13	0.0193	0.000261	0.638	0.00148	0.00167	0.0000596	0.000103	0.0000622	0.0289	0.00000344	0.000133	0.000228	0.00114
2057 Dec	30.8	0.0468	0.0592	0.00127	6.57	0.0233	4.99	0.00000334	0.00586	0.00279	0.00329	0.00752	0.00127	4.91	0.0000026	0.0000549	0.0000878	0.000302	0.0151	0.00000272	0.944	0.00127	1.15	0.0202	0.000271	0.649	0.00155	0.00165	0.000064	0.000106	0.0000641	0.0297	0.00000341	0.000139	0.000229	0.00114
2058 Jan	31.3	0.0479	0.0608	0.0013	6.67	0.0234	5.07	0.00000333	0.00596	0.00286	0.00329	0.00758	0.00131	4.98	0.00000263	0.0000554	0.0000892	0.000305	0.0153	0.00000274	0.955	0.00129	1.16	0.0207	0.000278	0.652	0.00158	0.00167	0.0000665	0.000108	0.0000653	0.0302	0.00000341	0.000142	0.00023	0.00114
2058 Feb	31.6	0.0489	0.0622	0.00132	6.77	0.0235	5.13	0.00000332	0.00606	0.00292	0.00327	0.00764	0.00134	5.04	0.00000265	0.0000558	0.0000904	0.000308	0.0156	0.00000276	0.965	0.00131	1.17	0.0212	0.000284	0.655	0.00161	0.00169	0.0000681	0.00011	0.0000664	0.0307	0.00000339	0.000145	0.000231	0.00114
2058 Mar	32	0.0499	0.0634	0.00134	6.86	0.0236	5.2	0.00000331	0.00612	0.00298	0.00326	0.00772	0.00137	5.1	0.00000267	0.0000562	0.0000914	0.000311	0.0158	0.00000278	0.976	0.00133	1.18	0.0216	0.00029	0.66	0.00164	0.00171	0.0000693	0.000111	0.0000674	0.0311	0.00000339	0.000148	0.000232	0.00114
2058 Apr	28.1	0.0344	0.0419	0.00105	4.97	0.0274	4.7	0.00000393	0.00449	0.00201	0.0039	0.00736	0.000888	4.35	0.00000262	0.0000542	0.000077	0.00029	0.012	0.00000269	0.904	0.00104	1.14	0.0142	0.000196	0.691	0.00131	0.00158	0.0000538	0.0000899	0.0000525	0.0245	0.00000398	0.000101	0.00024	0.00128
2058 May	24	0.01	0.00475	0.000532	3.78	0.0298	3.69	0.00000494	0.00244	0.000322	0.00494	0.00796	0.0000603	3.6	0.00000251	0.0000503	0.0000516	0.000253	0.0054	0.00000251	0.808	0.000531	1.25	0.00139	0.0000348	0.789	0.000726	0.00103	0.0000266	0.0000523	0.0000266	0.0176	0.00000495	0.0000204	0.00025	0.00149
2058 Jun	30.2	0.0249	0.0265	0.000799	6.41	0.0313	4.52	0.00000427	0.00307	0.00125	0.00425	0.00921	0.000507	4.76	0.00000245	0.0000514	0.0000825	0.000266	0.00855	0.00000256	1	0.000796	1.42	0.00822	0.000123	0.838	0.00106	0.00197	0.0000301	0.0000718	0.0000402	0.0263	0.0000043	0.0000647	0.000239	0.00132
2058 Jul	20.4	0.00922	0.0112	0.00062	4.19	0.0251	2.95	0.00000478	0.00503	0.000588	0.00478	0.00669	0.000198	3.36	0.00000251	0.0000513	0.0000908	0.000259	0.0142	0.00000256	0.681	0.000619	1.04	0.00521	0.0000628	0.621	0.000813	0.00113	0.0000263	0.0000592	0.0000312	0.0172	0.0000048	0.000036	0.000249	0.00145
2058 Aug	23.6	0.018	0.0226	0.000779	5	0.0252	3.53	0.00000451	0.00515	0.00109	0.00449	0.00674	0.000448	3.84	0.00000252	0.0000531	0.0000644	0.000272	0.0139	0.00000265	0.78	0.000779	1.03	0.00798	0.000119	0.631	0.000815	0.00128	0.0000278	0.0000717	0.0000394	0.0211	0.00000454	0.0000632	0.000249	0.00139
2058 Sep	26.2	0.031	0.0351	0.000941	5.42	0.0244	4.16	0.00000406	0.00509	0.00164	0.00402	0.00692	0.000732	4.2	0.00000247	0.000054	0.0000717	0.000281	0.0138	0.0000027	0.83	0.000945	1.09	0.0121	0.00017	0.64	0.000995	0.0014	0.0000285	0.0000849	0.0000513	0.0242	0.00000412	0.0000923	0.000242	0.00128
2058 Oct	29.6	0.0367	0.0467	0.00109	6.36	0.026	4.68	0.0000037	0.00627	0.00215	0.00365	0.0075	0.000985	4.7	0.00000356	0.0000551	0.0000924	0.000327	0.0138	0.00000276	0.94	0.0011	1.18	0.016	0.00022	0.666	0.00134	0.00151	0.000225	0.000106	0.0000565	0.0279	0.00000379	0.00012	0.000238	0.00147
2058 Nov	30.1	0.045	0.0564	0.00123	6.4	0.0235	4.87	0.00000342	0.00619	0.00257	0.00336	0.00741	0.00121	4.8	0.00000261	0.0000565	0.0000863	0.000306	0.0148	0.00000283	0.943	0.00124	1.13	0.0194	0.000264	0.638	0.00147	0.00168	0.0000605	0.00011	0.0000639	0.0289	0.00000353	0.000143	0.000236	0.00117
2058 Dec	30.9	0.0468	0.0588	0.00126	6.59	0.0238	5.01	0.00000339	0.0063	0.00268	0.00333	0.00759	0.00126	4.92	0.00000265	0.0000572	0.0000883	0.000311	0.0152	0.00000287	0.967	0.00127	1.15	0.0203	0.000275	0.649	0.00154	0.00166	0.0000649	0.000113	0.0000657	0.0298	0.0000035	0.000149	0.000237	0.00117
2059 Jan	31.3	0.0479	0.0603	0.00129	6.69	0.0239	5.08	0.00000338	0.00642	0.00274	0.00332	0.00765	0.0013	4.99	0.00000268	0.0000577	0.0000896	0.000314	0.0154	0.0000029	0.979	0.0013	1.16	0.0208	0.000282	0.652	0.00157	0.00168	0.0000674	0.000115	0.000067	0.0303	0.0000035	0.000153	0.000239	0.00118
2059 Feb	31.7	0.0489	0.0617	0.00131	6.79	0.024	5.15	0.00000337	0.00652	0.0028	0.00331	0.00771	0.00133	5.05	0.0000027	0.0000582	0.0000908	0.000318	0.0157	0.00000292	0.989	0.00132	1.16	0.0213	0.000288	0.655	0.0016	0.0017	0.000069	0.000117	0.0000682	0.0307	0.00000349	0.000157	0.00024	0.00118
2059 Mar	32.1	0.0498	0.0629	0.00133	6.89	0.0241	5.21	0.00000336	0.0066	0.00286	0.0033	0.00779	0.00136	5.11	0.00000272	0.0000586	0.0000919	0.00032	0.0159	0.00000294	1	0.00134	1.17	0.0217	0.000294	0.66	0.00163	0.00171	0.0000703	0.000118	0.0000692	0.0311	0.00000348	0.00016	0.000241	0.00118
2059 Apr	28.1	0.0339	0.041	0.00103	4.94	0.0277	4.7	0.00000398	0.00475	0.00191	0.00394	0.00739	0.000869	4.34	0.00000265	0.0000557	0.0000769	0.000296	0.012	0.00000279	0.918	0.00104	1.14	0.0141	0.000196	0.691	0.00129	0.00157	0.000054	0.0000938	0.0000533	0.0244	0.00000406	0.000108	0.000246	0.0013
2059 May	24	0.00986	0.00446	0.000527	3.77	0.0298	3.69	0.00000495	0.00244	0.000306	0.00495	0.00796	0.0000539	3.59	0.00000251	0.0000503	0.0000514	0.000253	0.00536	0.00000252	0.807	0.000528	1.25	0.0013	0.0000338	0.79	0.000722	0.00103	0.0000265	0.0000523	0.0000265	0.0175	0.00000496	0.0000202	0.00025	0.00149
2059 Jun	30.1	0.0244	0.0256	0.000783	6.38	0.0314	4.48	0.00000427	0.00311	0.00118	0.00425	0.00919	0.000487	4.73	0.00000245	0.0000515	0.0000821	0.000266	0.00843	0.00000258	1	0.000786	1.41	0.00801	0.000119	0.837	0.00104	0.00196	0.0000301	0.000072	0.0000399	0.0261	0.00000431	0.0000652	0.000239	0.00133
2059 Jul	20.6	0.0101	0.0122	0.000633	4.25	0.0251	3	0.00000475	0.00504	0.000616	0.00474	0.00672	0.000219	3.4	0.0000025	0.0000513	0.0000907	0.00026	0.0142	0.00000257	0.688	0.000633	1.04	0.00554	0.0000668	0.622	0.000826	0.00114	0.0000265	0.0000602	0.0000319	0.0175	0.00000476	0.0000385	0.000248	0.00144
2059 Aug	23.6	0.0181	0.0225	0.000775	5	0.0251	3.52	0.00000449	0.00512	0.00106	0.00447	0.00673	0.000444	3.83	0.00000251	0.0000528	0.0000644	0.000271	0.0138	0.00000264	0.778	0.000776	1.03	0.008	0.000118	0.63	0.000809	0.00128	0.0000278	0.0000711	0.0000393	0.0211	0.00000452	0.0000627	0.000247	0.00138
2059 Sep	26.1	0.0308	0.0347	0.000931	5.4	0.0242	4.13	0.00000404	0.00497	0.00157	0.00401	0.00689	0.000719	4.18	0.00000245	0.0000532	0.0000714	0.000277	0.0137	0.00000266	0.823	0.000936	1.09	0.0121	0.000165	0.639	0.000977	0.0014	0.0000284	0.0000826	0.0000507	0.0241	0.00000409	0.0000892	0.000239	0.00127
2059 Oct	29.5	0.0366	0.0464	0.00108	6.34	0.0258	4.65	0.00000367	0.00609	0.00206	0.00363	0.00746	0.000971	4.68	0.00000353	0.0000539	0.000092	0.000321	0.0137	0.0000027	0.929	0.00109	1.17	0.016	0.000213	0.664	0.00132	0.0015	0.000224	0.000103	0.0000557	0.0278	0.00000374	0.000115	0.000233	0.00145
2059 Nov	30	0.0448	0.0559	0.00121	6.37	0.0232	4.82	0.00000339	0.00595	0.00246	0.00334	0.00735	0.00119	4.77	0.00000258	0.000055	0.0000858	0.000299	0.0146	0.00000275	0.928	0.00122	1.12	0.0194	0.000256	0.636	0.00144	0.00167	0.0000596	0.000105	0.0000627	0.0288	0.00000347	0.000137	0.00023	0.00115
2059 Dec	30.8	0.0466	0.0583	0.00125	6.56	0.0235	4.96	0.00000335	0.00605	0.00256	0.0033	0.00753	0.00124	4.89	0.00000262	0.0000555	0.0000878	0.000304	0.015	0.00000278	0.951	0.00126	1.14	0.0202	0.000266	0.647	0.00151	0.00165	0.000064	0.000108	0.0000646	0.0296	0.00000344	0.000143	0.000231	0.00115
2060 Jan	31.2	0.0477	0.0598	0.00127	6.66	0.0236	5.03	0.00000335	0.00616	0.00262	0.00329	0.00759	0.00128	4.95	0.00000264	0.000056	0.0000892	0.000307	0.0153	0.0000028	0.962	0.00128	1.15	0.0207	0.000272	0.65	0.00154	0.00167	0.0000665	0.00011	0.0000658	0.0301	0.00000344	0.000146	0.000232	0.00115
2060 Feb	31.6	0.0487	0.0612	0.00129	6.76	0.0236	5.09	0.00000334	0.00626	0.00268	0.00328	0.00765	0.00131	5.01	0.00000267	0.0000565	0.0000904	0.00031	0.0156	0.00000282	0.972	0.00131	1.16	0.0212	0.000279	0.653	0.00157	0.00169	0.0000681	0.000111	0.0000669	0.0306	0.00000343	0.000149	0.000233	0.00115
2060 Mar	31.9	0.0496	0.0624	0.00131	6.85	0.0238	5.16	0.00000333	0.00632	0.00273	0.00327	0.00773	0.00133	5.08	0.00000268	0.0000569	0.0000914	0.000313	0.0158	0.00000284	0.983	0.00133	1.17	0.0216	0.000284	0.658	0.0016	0.0017	0.0000694	0.000113	0.0000679	0.031	0.00000342	0.000152	0.000234	0.00115
2060 Apr	27.9	0.0337	0.0406	0.00102	4.9	0.0276	4.66	0.00000396	0.00457	0.00183	0.00393	0.00735	0.000853	4.32	0.00000263	0.0000546	0.0000765	0.000291	0.0119	0.00000273	0.906	0.00103	1.13	0.014	0.00019	0.69	0.00127	0.00157	0.0000534	0.0000902	0.0000524	0.0243	0.00000402	0.000103	0.000241	0.00129
2060 May	24	0.00995	0.0046	0.000529	3.78	0.0298	3.69	0.00000495	0.00244	0.000309	0.00495	0.00796	0.0000566	3.6	0.00000251	0.0000503	0.0000515	0.000253	0.00538	0.00000252	0.807	0.00053	1.25	0.00135	0.0000341	0.789	0.000723	0.00103	0.0000265	0.0000523	0.0000265	0.0176	0.00000495	0.0000203	0.00025	0.00149
2060 Jun	30.1	0.0244	0.0255	0.00078	6.37	0.0313	4.47	0.00000426	0.00302	0.00114	0.00424	0.00918	0.000481	4.72	0.00000244	0.000051	0.000082	0.000263	0.0084	0.00000255	1	0.000782	1.41	0.00801	0.000116	0.837	0.00103	0.00196	0.0000299	0.0000703	0.0000396	0.0261	0.00000429	0.0000628	0.000237	0.00132
2060 Jul	20.5	0.00957	0.0115	0.000623	4.21	0.025	2.96	0.00000476	0.005	0.000575	0.00475	0.00669	0.000204	3.37	0.0000025	0.000051	0.0000906	0.000259	0.0142	0.00000255	0.682	0.000623	1.04	0.00535	0.0000631	0.621	0.000813	0.00113	0.0000264	0.0000589	0.0000313	0.0173	0.00000477	0.0000363	0.000248	0.00144
2060 Aug	23.7	0.0184	0.0229	0.000778	5.01	0.025	3.53	0.00000447	0.00507	0.00104	0.00445	0.00673	0.000448	3.84	0.00000251	0.0000525	0.0000647	0.00027	0.0138	0.00000262	0.777	0.00078	1.03	0.00816	0.000117	0.63	0.000811	0.00129	0.0000278	0.0000702	0.0000394	0.0212	0.0000045	0.0000619	0.000246	0.00137
2060 Sep	26	0.0307	0.0345	0.000925	5.38	0.0241	4.11	0.00000402	0.0049	0.00151	0.004	0.00685	0.000709	4.16	0.00000244	0.0000526	0.0000712	0.000275	0.0137	0.00000263	0.816	0.000932	1.08	0.0121	0.000161	0.637	0.000964	0.00139	0.0000283	0.0000808	0.0000503	0.024	0.00000407	0.0000869	0.000236	0.00126
2060 Oct	29.4	0.0365	0.0461	0.00107	6.32	0.0257	4.62	0.00000366	0.00602	0.00198	0.00363	0.00742	0.000957	4.67	0.00000354	0.0000534	0.0000919	0.00032	0.0137	0.00000267	0.923	0.00108	1.17	0.0159	0.000209	0.663	0.0013	0.00149	0.000226	0.000101	0.0000553	0.0277	0.00000372	0.000113	0.000231	0.00144
2060 Nov	30	0.0448	0.0556	0.00121	6.36	0.0231	4.8	0.00000338	0.00589	0.00237	0.00333	0.00732	0.00118	4.75	0.00000257	0.0000544	0.0000857	0.000297	0.0146	0.00000272	0.923	0.00122	1.11	0.0194	0.000252	0.634	0.00142	0.00166	0.0000595	0.000103	0.0000625	0.0287	0.00000345	0.000135	0.000228	0.00114
2060 Dec	30.8	0.0466	0.0581	0.00124	6.55	0.0234	4.93	0.00000334	0.00599	0.00246	0.00329	0.00751	0.00123	4.88	0.00000261	0.000055	0.0000877	0.000302	0.015	0.00000275	0.947	0.00126	1.14	0.0202	0.000262	0.645	0.00149	0.00165	0.0000639	0.000106	0.0000644	0.0296	0.00000342	0.000141	0.000229	0.00114
2061 Jan	31.2	0.0477	0.0596	0.00126	6.65	0.0235	5.01	0.00000334	0.00611	0.00252	0.00329	0.00757	0.00126	4.95	0.00000264	0.0000555	0.0000891	0.000306	0.0153	0.00000278	0.958	0.00128	1.14	0.0208	0.000268	0.649	0.00152	0.00167	0.0000664	0.000108	0.0000656	0.0301	0.00000342	0.000144	0.00023	0.00114
2061 Feb	31.5	0.0487	0.0609	0.00128	6.75	0.0235	5.07	0.00000332	0.00621	0.00258	0.00327	0.00762	0.00129	5	0.00000266	0.000056	0.0000903	0.000308	0.0156	0.0000028	0.968	0.0013	1.15	0.0213	0.000274	0.652	0.00155	0.00168	0.000068	0.00011	0.0000667	0.0305	0.00000341	0.000148	0.000231	0.00114
2061 Mar	31.9	0.0496	0.0621	0.0013	6.84	0.0237	5.14	0.00000332	0.00627	0.00263	0.00326	0.00771	0.00132	5.06	0.00000268	0.0000563	0.0000913	0.000311	0.0158	0.00000282	0.979	0.00132	1.16	0.0217	0.00028	0.657	0.00158	0.0017	0.0000692	0.000111	0.0000677	0.031	0.0000034	0.000151	0.000232	0.00115
2061 Apr	28	0.034	0.0407	0.00102	4.93	0.0274	4.66	0.00000394	0.00456	0.00177	0.00391	0.00734	0.00085	4.32	0.00000262	0.0000543	0.0000767	0.00029	0.0119	0.00000272	0.905	0.00103	1.13	0.0141	0.000188	0.689	0.00126	0.00157	0.0000535	0.0000895	0.0000525	0.0243	0.000004	0.000102	0.00024	0.00128
2061 May	24.1	0.0102	0.00498	0.000534	3.8	0.0298	3.7	0.00000494	0.00247	0.000321	0.00494	0.00796	0.0000647	3.61	0.00000251	0.0000503	0.0000518	0.000253	0.00545	0.00000252	0.809	0.000535	1.25	0.0015	0.0000356	0.789	0.000728	0.00103	0.0000268	0.0000526	0.0000268	0.0177	0.00000494	0.0000212	0.00025	0.00149
2061 Jun	30	0.0245	0.0256	0.000778	6.37	0.0313	4.47	0.00000426	0.0031	0.00111	0.00424	0.00917	0.000479	4.72	0.00000244	0.0000512	0.000082	0.000265	0.00845	0.00000257	1	0.000785	1.41	0.00812	0.000117	0.835	0.00102	0.00196	0.0000298	0.0000712	0.0000399	0.0261	0.00000429	0.0000649	0.000238	0.00132
2061 Jul	20.8	0.0106	0.0128	0.000639	4.29	0.0251	3.03	0.00000472	0.00506	0.000612	0.00471	0.00674	0.00023	3.42	0.0000025	0.0000513	0.0000907	0.00026	0.0142	0.00000257	0.692	0.000642	1.05	0.00579	0.0000689	0.623	0.000831	0.00115	0.0000266	0.0000608	0.0000324	0.0177	0.00000474	0.0000402	0.000248	0.00144
2061 Aug	23.5	0.018	0.0221	0.000765	4.98	0.0251	3.5	0.00000449	0.00513	0.000983	0.00447	0.00672	0.00043	3.82	0.00000251	0.0000527	0.0000643	0.000271	0.0138	0.00000264	0.777	0.000772	1.03	0.00799	0.000115	0.629	0.000794	0.00128	0.0000278	0.0000707	0.0000392	0.021	0.00000452	0.0000625	0.000247	0.00138
2061 Sep	25.8	0.0301	0.0334	0.000906	5.34	0.0242	4.07	0.00000405	0.00498	0.00142	0.00402	0.00684	0.000682	4.14	0.00000245	0.000053	0.0000708	0.000276	0.0137	0.00000266	0.817	0.00092	1.08	0.0118	0.000158	0.636	0.000939	0.00138	0.0000283	0.0000815	0.0000502	0.0238	0.00000411	0.000088	0.000238	0.00127
2061 Oct	29.3	0.036	0.0452	0.00105	6.29	0.0258	4.59	0.00000367	0.00613	0.00188	0.00363	0.00742	0.000933	4.64	0.00000353	0.0000538	0.0000916	0.000321	0.0136	0.00000271	0.926	0.00107	1.16	0.0158	0.000207	0.66	0.00128	0.00149	0.000225	0.000102	0.0000554	0.0276	0.00000374	0.000115	0.000233	0.00145
2061 Nov	29.8	0.0442	0.0545	0.00118	6.31	0.0231	4.76	0.00000338	0.00601	0.00225	0.00333	0.00731	0.00115	4.72	0.00000257	0.0000549	0.0000853	0.000298	0.0145	0.00000276	0.925	0.00121	1.11	0.0192	0.000248	0.631	0.0014	0.00165	0.000059	0.000104	0.0000625	0.0285	0.00000347	0.000138	0.000229	0.00115
2061 Dec	30.5	0.046	0.0569	0.00121	6.5	0.0234	4.89	0.00000335	0.00612	0.00234	0.0033	0.00749	0.0012	4.84	0.00000261	0.0000555	0.0000873	0.000303	0.0149	0.00000279	0.949	0.00124	1.13	0.02	0.000258	0.642	0.00146	0.00164	0.0000633	0.000107	0.0000644	0.0293	0.00000344	0.000143	0.00023	0.00115
2062 Jan	30.9	0.047	0.0583	0.00124	6.6	0.0235	4.96	0.00000335	0.00623	0.00239	0.00329	0.00755	0.00123	4.9	0.00000264	0.000056	0.0000886	0.000306	0.0152	0.00000282	0.96	0.00127	1.13	0.0206	0.000264	0.645	0.00149	0.00166	0.0000658	0.000109	0.0000656	0.0298	0.00000344	0.000147	0.000232	0.00115
2062 Feb	31.3	0.048	0.0597	0.00126	6.7	0.0236	5.02	0.00000333	0.00633	0.00245	0.00328	0.0076	0.00126	4.96	0.00000266	0.0000564	0.0000898	0.000309	0.0154	0.00000284	0.969	0.00129	1.14	0.0211	0.00027	0.648	0.00152	0.00167	0.0000674	0.000111	0.0000667	0.0303	0.00000343	0.00015	0.000233	0.00115
2062 Mar	31.7	0.0489	0.0609	0.00128	6.79	0.0237	5.09	0.00000332	0.00639	0.0025	0.00327	0.00768	0.00128	5.02	0.00000268	0.0000568	0.0000908	0.000312	0.0156	0.00000286	0.98	0.00131	1.15	0.0215	0.000275	0.653	0.00155	0.00169	0.0000687	0.000112	0.0000677	0.0307	0.00000342	0.000153	0.000234	0.00115
2062 Apr	27.8	0.0335	0.0399	0.001	4.89	0.0275	4.63	0.00000395	0.00464	0.00169	0.00391	0.00733	0.000827	4.29	0.00000263	0.0000546	0.0000764	0.000291	0.0118	0.00000274	0.906	0.00102	1.13	0.014	0.000186	0.687	0.00124	0.00156	0.0000532	0.0000901	0.0000525	0.0242	0.00000401	0.000104	0.000241	0.00128
2062 May	24	0.00984	0.00441	0.000526	3.77	0.0298	3.68	0.00000495	0.00244	0.000295	0.00495	0.00796	0.0000518	3.59	0.00000251	0.0000503	0.0000514	0.000252	0.00535	0.00000251	0.807	0.000527	1.25	0.0013	0.0000332	0.789	0.000719	0.00103	0.0000264	0.0000521	0.0000264	0.0175	0.00000495	0.00002	0.00025	0.00149
2062 Jun	30.1	0.0252	0.0265	0.000788	6.39	0.031	4.48	0.00000422	0.00311	0.00111	0.0042	0.00914	0.000494	4.73	0.00000243	0.0000509	0.0000823	0.000264	0.0086	0.00000255	0.999	0.000796	1.4	0.00848	0.000119	0.831	0.00103	0.00196	0.0000301	0.0000709	0.0000404	0.0262	0.00000425	0.0000655	0.000236	0.00131
2062 Jul	20.6	0.00976	0.0117	0.000624	4.23	0.025	2.97	0.00000476	0.00502	0.000555	0.00475	0.0067	0.000204	3.38	0.0000025	0.0000511	0.0000908	0.000259	0.0142	0.00000256	0.684	0.000626	1.04	0.00546	0.0000633	0.621	0.000813	0.00113	0.0000264	0.0000591	0.0000316	0.0174	0.00000477	0.000037	0.000248	0.00144
2062 Aug	23.5	0.0178	0.0218	0.000761	4.97	0.0251	3.49	0.0000045	0.00511	0.000945	0.00449	0.0067	0.000421	3.81	0.00000251	0.0000526	0.0000642	0.00027	0.0139	0.00000263	0.774	0.000768	1.03	0.00795	0.000112	0.628	0.000784	0.00127	0.0000278	0.0000697	0.000039	0.021	0.00000453	0.0000611	0.000247	0.00138
2062 Sep	26	0.0306	0.0339	0.00091	5.38	0.0243	4.1	0.00000405	0.00509	0.0014	0.00402	0.00687	0.000688	4.16	0.00000246	0.0000535	0.0000714	0.000278	0.0138	0.00000269	0.824	0.00093	1.08	0.0121	0.00016	0.637	0.000946	0.00139	0.0000285	0.000083	0.000051	0.024	0.00000411	0.000091	0.00024	0.00127
2062 Oct	29.4	0.0364	0.0453	0.00105	6.32	0.026	4.62	0.00000369	0.00637	0.00183	0.00364	0.00746	0.000931	4.66	0.00000356	0.000055	0.0000921	0.000326	0.0137	0.00000278	0.939	0.00108	1.16	0.0161	0.00021	0.66	0.00128	0.0015	0.000224	0.000105	0.0000566	0.0277	0.00000378	0.000121	0.000237	0.00146
2062 Nov	29.9	0.0443	0.0544	0.00117	6.34	0.0235	4.78	0.00000342	0.00635	0.00217	0.00336	0.00737	0.00114	4.74	0.00000262	0.0000566	0.0000859	0.000306	0.0147	0.00000287	0.943	0.00122	1.11	0.0194	0.000252	0.632	0.00139	0.00166	0.0000598	0.000109	0.000064	0.0286	0.00000354	0.000146	0.000236	0.00117
2062 Dec	30.6	0.0461	0.0567	0.00121	6.54	0.0238	4.92	0.00000339	0.00649	0.00226	0.00333	0.00755	0.00119	4.86	0.00000266	0.0000573	0.0000879	0.000311	0.0151	0.00000292	0.968	0.00125	1.13	0.0202	0.000262	0.642	0.00146	0.00165	0.0000642	0.000112	0.0000659	0.0295	0.00000351	0.000152	0.000237	0.00117
2063 Jan	31	0.0472	0.0581	0.00123	6.64	0.0239	4.99	0.00000339	0.00662	0.00231	0.00332	0.00762	0.00122	4.93	0.00000269	0.0000579	0.0000892	0.000315	0.0153	0.00000295	0.98	0.00128	1.13	0.0208	0.000268	0.646	0.00149	0.00166	0.0000667	0.000115	0.0000672	0.0299	0.00000351	0.000156	0.000239	0.00118
2063 Feb	31.4	0.0481	0.0594	0.00125	6.73	0.024	5.05	0.00000338	0.00673	0.00236	0.00331	0.00768	0.00125	4.98	0.00000271	0.0000584	0.0000904	0.000318	0.0156	0.00000298	0.991	0.0013	1.14	0.0212	0.000274	0.648	0.00151	0.00168	0.0000683	0.000116	0.0000684	0.0304	0.00000351	0.00016	0.00024	0.00118
2063 Mar	31.8	0.049	0.0606	0.00127	6.82	0.0241	5.11	0.00000337	0.00681	0.00241	0.0033	0.00776	0.00127	5.04	0.00000273	0.0000589	0.0000914	0.000321	0.0158	0.000003	1	0.00132	1.15	0.0217	0.00028	0.653	0.00154	0.0017	0.0000695	0.000118	0.0000694	0.0308	0.0000035	0.000163	0.000241	0.00118
2063 Apr	27.6	0.0323	0.038	0.00097	4.76	0.028	4.6	0.00000403	0.00475	0.00156	0.00398	0.00734	0.000781	4.24	0.00000265	0.0000557	0.0000755	0.000294	0.0116	0.00000282	0.913	0.001	1.12	0.0135	0.000181	0.689	0.00121	0.00156	0.0000524	0.000092	0.0000523	0.0237	0.00000411	0.000106	0.000246	0.00131
2063 May	24	0.0101	0.00477	0.000531	3.79	0.0298	3.69	0.00000494	0.00248	0.000306	0.00494	0.00796	0.0000595	3.6	0.00000251	0.0000504	0.0000517	0.000253	0.00542	0.00000252	0.809	0.000533	1.25	0.00144	0.000035	0.789	0.000725	0.00103	0.0000267	0.0000528	0.0000268	0.0176	0.00000495	0.0000213	0.00025	0.00149
2063 Jun	30	0.0242	0.0249	0.000762	6.35	0.0315	4.46	0.00000428	0.00329	0.00103	0.00425	0.00919	0.000458	4.71	0.00000246	0.0000521	0.0000819	0.000268	0.00842	0.00000263	1.01	0.00078	1.4	0.00805	0.000117	0.834	0.00101	0.00196	0.0000299	0.0000736	0.0000404	0.026	0.00000433	0.0000691	0.000241	0.00133
2063 Jul	20.6	0.00979	0.0117	0.00062	4.23	0.0251	2.98	0.00000476	0.00512	0.000542	0.00474	0.00671	0.000202	3.38	0.00000251	0.0000516	0.0000906	0.000261	0.0142	0.00000259	0.689	0.000627	1.04	0.00549	0.0000648	0.62	0.000811	0.00114	0.0000265	0.0000608	0.000032	0.0174	0.00000478	0.0000398	0.000249	0.00145
2063 Aug	23.6	0.0182	0.0222	0.00076	5	0.0252	3.52	0.00000449	0.00529	0.000931	0.00446	0.00675	0.000424	3.83	0.00000253	0.0000535	0.0000646	0.000274	0.0138	0.00000269	0.786	0.000776	1.03	0.00815	0.000117	0.628	0.000792	0.00129	0.000028	0.0000731	0.0000401	0.0211	0.00000454	0.0000673	0.000249	0.00139
2063 Sep	25.6	0.0295	0.0323	0.000881	5.29	0.0243	4.03	0.00000407	0.00516	0.0013	0.00403	0.00682	0.000648	4.1	0.00000246	0.0000537	0.0000703	0.000278	0.0136	0.00000272	0.821	0.000909	1.07	0.0117	0.000155	0.631	0.00091	0.00137	0.0000283	0.0000834	0.0000505	0.0235	0.00000414	0.0000917	0.000241	0.00128
2063 Oct	29.1	0.0354	0.0439	0.00102	6.25	0.0259	4.55	0.00000369	0.00637	0.00172	0.00364	0.0074	0.00089	4.6	0.00000356	0.0000547	0.0000912	0.000324	0.0135	0.00000278	0.931	0.00106	1.15	0.0157	0.000203	0.656	0.00125	0.00148	0.000226	0.000104	0.0000558	0.0273	0.00000378	0.00012	0.000236	0.00147
2063 Nov	29.5	0.0435	0.0531	0.00115	6.27	0.0233	4.71	0.0000034	0.00629	0.00205	0.00334	0.0073	0.0011	4.68	0.0000026	0.0000559	0.0000849	0.000302	0.0145	0.00000285	0.933	0.00119	1.09	0.0191	0.000245	0.626	0.00136	0.00165	0.0000597	0.000107	0.0000631	0.0282	0.00000352	0.000143	0.000233	0.00116
2063 Dec	30.3	0.0453	0.0555	0.00118	6.46	0.0236	4.84	0.00000337	0.00639	0.00213	0.00331	0.00748	0.00115	4.8	0.00000263	0.0000565	0.0000869	0.000307	0.0149	0.00000288	0.956	0.00123	1.11	0.02	0.000254	0.637	0.00142	0.00163	0.0000641	0.00011	0.0000649	0.0291	0.00000349	0.000149	0.000234	0.00116
2064 Jan	30.7	0.0464	0.0569	0.0012	6.56	0.0237	4.92	0.00000336	0.00651	0.00219	0.0033	0.00755	0.00118	4.87	0.00000266	0.000057	0.0000882	0.00031	0.0151	0.00000291	0.968	0.00125	1.12	0.0205	0.000261	0.64	0.00145	0.00165	0.0000666	0.000112	0.0000662	0.0296	0.00000348	0.000153	0.000235	0.00117
2064 Feb	31.1	0.0474	0.0583	0.00122	6.66	0.0238	4.98	0.00000335	0.00661	0.00224	0.00328	0.0076	0.00121	4.93	0.00000268	0.0000575	0.0000895	0.000313	0.0154	0.00000293	0.978	0.00128	1.13	0.021	0.000267	0.643	0.00148	0.00166	0.0000682	0.000114	0.0000674	0.03	0.00000347	0.000156	0.000236	0.00117
2064 Mar	31.5	0.0483	0.0595	0.00124	6.76	0.0239	5.04	0.00000334	0.00668	0.00228	0.00327	0.00768	0.00123	4.99	0.0000027	0.0000579	0.0000905	0.000316	0.0156	0.00000295	0.989	0.00129	1.14	0.0214	0.000272	0.648	0.00151	0.00168	0.0000695	0.000115	0.0000684	0.0305	0.00000347	0.000159	0.000237	0.00117
2064 Apr	27.6	0.0328	0.0385	0.000971	4.82	0.0277	4.58	0.00000398	0.00477	0.00153	0.00393	0.00732	0.000783	4.25	0.00000264	0.0000552	0.0000758	0.000293	0.0117	0.0000028	0.909	0.001	1.12	0.0138	0.000181	0.684	0.00121	0.00155	0.0000533	0.0000914	0.0000525	0.0239	0.00000406	0.000106	0.000243	0.0013
2064 May	24	0.0101	0.00475	0.00053	3.79	0.0298	3.69	0.00000494	0.00247	0.000302	0.00494	0.00796	0.0000586	3.6	0.00000251	0.0000504	0.0000517	0.000253	0.00542	0.00000252	0.809	0.000532	1.25	0.00144	0.0000348	0.789	0.000724	0.00103	0.0000267	0.0000526	0.0000267	0.0176	0.00000495	0.0000212	0.00025	0.00149
2064 Jun	30	0.0245	0.0252	0.000765	6.37	0.0314	4.46	0.00000426	0.00328	0.00101	0.00424	0.00918	0.00046	4.72	0.00000245	0.0000519	0.0000821	0.000267	0.00848	0.00000262	1.01	0.000784	1.4	0.00822	0.000117	0.833	0.00101	0.00196	0.0000299	0.0000732	0.0000406	0.0261	0.00000432	0.000069	0.00024	0.00133
2064 Jul	20.5	0.00967	0.0115	0.000617	4.23	0.0251	2.97	0.00000476	0.00512	0.000523	0.00475	0.00671	0.000196	3.38	0.00000251	0.0000515	0.0000907	0.000261	0.0142	0.00000259	0.688	0.000625	1.04	0.00546	0.0000638	0.62	0.000807	0.00113	0.0000265	0.0000605	0.0000319	0.0173	0.00000478	0.0000394	0.000249	0.00145
2064 Aug	23.5	0.0178	0.0217	0.000751	4.98	0.0252	3.49	0.00000449	0.00529	0.000888	0.00447	0.00673	0.00041	3.81	0.00000252	0.0000534	0.0000644	0.000273	0.0138	0.00000269	0.783	0.000769	1.02	0.00805	0.000114	0.627	0.000779	0.00128	0.0000279	0.0000726	0.0000398	0.021	0.00000454	0.0000664	0.000249	0.00139
2064 Sep	25.4	0.029	0.0313	0.000864	5.23	0.0242	3.99	0.00000408	0.00515	0.00122	0.00404	0.00677	0.000621	4.06	0.00000246	0.0000535	0.0000696	0.000277	0.0135	0.00000271	0.814	0.000895	1.06	0.0114	0.00015	0.628	0.000882	0.00135	0.0000282	0.0000824	0.00005	0.0233	0.00000415	0.00009	0.000241	0.00128
2064 Oct	28.9	0.0346	0.0427	0.001	6.2	0.026	4.51	0.0000037	0.0064	0.00162	0.00365	0.00735	0.000856	4.56	0.00000365	0.0000544	0.0000913	0.000325	0.0134	0.00000277	0.926	0.00104	1.14	0.0154	0.000197	0.653	0.00122	0.00145	0.000243	0.000104	0.0000551	0.0271	0.0000038	0.000118	0.000235	0.00149
2064 Nov	29.5	0.0435	0.0528	0.00114	6.26	0.0232	4.7	0.00000339	0.00635	0.00197	0.00332	0.00726	0.00108	4.67	0.00000265	0.0000558	0.0000852	0.000303	0.0144	0.00000285	0.931	0.00119	1.09	0.0192	0.000242	0.623	0.00134	0.00163	0.0000698	0.000107	0.0000632	0.0282	0.0000035	0.000144	0.000232	0.00117
2064 Dec	30.3	0.0454	0.0553	0.00117	6.46	0.0236	4.84	0.00000336	0.00647	0.00206	0.00329	0.00745	0.00113	4.8	0.00000269	0.0000565	0.0000873	0.000308	0.0149	0.00000288	0.956	0.00123	1.11	0.0201	0.000252	0.634	0.00141	0.00162	0.0000745	0.00011	0.0000652	0.0291	0.00000348	0.00015	0.000233	0.00117
2065 Jan	30.8	0.0466	0.0569	0.0012	6.58	0.0237	4.92	0.00000335	0.0066	0.00211	0.00328	0.00753	0.00117	4.87	0.00000272	0.000057	0.0000888	0.000312	0.0152	0.00000291	0.969	0.00125	1.12	0.0207	0.000259	0.638	0.00144	0.00164	0.000077	0.000113	0.0000666	0.0297	0.00000347	0.000154	0.000235	0.00118
2065 Feb	31.2	0.0476	0.0582	0.00122	6.67	0.0238	4.98	0.00000334	0.00671	0.00216	0.00327	0.00759	0.00119	4.93	0.00000274	0.0000575	0.0000901	0.000315	0.0154	0.00000294	0.979	0.00128	1.13	0.0212	0.000265	0.641	0.00147	0.00166	0.0000786	0.000114	0.0000677	0.0301	0.00000346	0.000158	0.000236	0.00118
2065 Mar	31.6	0.0485	0.0595	0.00123	6.77	0.0239	5.05	0.00000333	0.00678	0.0022	0.00326	0.00767	0.00122	4.99	0.00000276	0.0000579	0.0000912	0.000318	0.0156	0.00000296	0.991	0.00129	1.14	0.0216	0.00027	0.646	0.0015	0.00168	0.0000797	0.000116	0.0000688	0.0305	0.00000346	0.000161	0.000237	0.00118
2065 Apr	27.9	0.0337	0.0395	0.00098	4.93	0.0275	4.61	0.00000394	0.00493	0.00152	0.0039	0.00734	0.000798	4.29	0.00000268	0.0000554	0.000077	0.000295	0.0119	0.00000281	0.915	0.00102	1.12	0.0143	0.000185	0.682	0.00122	0.00156	0.0000605	0.0000931	0.0000536	0.0242	0.00000402	0.00011	0.000243	0.0013
2065 May	24	0.01	0.00461	0.000528	3.78	0.0298	3.69	0.00000495	0.00247	0.000294	0.00494	0.00796	0.0000551	3.6	0.00000251	0.0000504	0.0000516	0.000253	0.00539	0.00000252	0.808	0.00053	1.25	0.0014	0.0000341	0.789	0.000721	0.00103	0.0000269	0.0000525	0.0000267	0.0176	0.00000495	0.0000209	0.00025	0.00149
2065 Jun	29.9	0.0238	0.0241	0.000747	6.33	0.0314	4.42	0.00000427	0.00314	0.000944	0.00425	0.00917	0.000433	4.69	0.00000244	0.0000512	0.0000817	0.000264	0.0083	0.00000258	1	0.000766	1.4	0.00789	0.00011	0.834	0.000988	0.00196	0.0000302	0.0000707	0.0000395	0.0258	0.00000431	0.0000648	0.000238	0.00132
2065 Jul	20.3	0.00897	0.0105	0.000604	4.17	0.025	2.92	0.00000477	0.00504	0.00048	0.00477	0.00667	0.000175	3.34	0.0000025	0.0000511	0.0000905	0.000258	0.0141	0.00000256	0.678	0.00061	1.04	0.00516	0.0000587	0.618	0.00079	0.00112	0.0000263	0.0000586	0.000031	0.0171	0.00000479	0.000036	0.000248	0.00145
2065 Aug	23.1	0.0166	0.02	0.000727	4.89	0.0251	3.41	0.00000452	0.00512	0.000806	0.0045	0.00665	0.000371	3.75	0.00000251	0.0000525	0.0000631	0.000269	0.0137	0.00000264	0.766	0.000742	1.02	0.00748	0.000104	0.624	0.000741	0.00126	0.0000277	0.0000688	0.0000381	0.0205	0.00000456	0.0000596	0.000247	0.00139
2065 Sep	25.5	0.0291	0.0314	0.000863	5.26	0.0242	3.99	0.00000406	0.00498	0.00119	0.00403	0.00679	0.000615	4.07	0.00000244	0.0000526	0.00007	0.000274	0.0135	0.00000266	0.809	0.000892	1.07	0.0115	0.000147	0.632	0.00088	0.00137	0.0000283	0.0000797	0.0000495	0.0234	0.00000412	0.0000861	0.000237	0.00127
2065 Oct	28.9	0.035	0.0429	0.001	6.21	0.0257	4.49	0.00000367	0.00615	0.00157	0.00362	0.00735	0.000853	4.57	0.00000356	0.0000532	0.000091	0.000318	0.0134	0.0000027	0.917	0.00104	1.14	0.0155	0.000193	0.654	0.00121	0.00147	0.000231	0.0000999	0.0000546	0.0271	0.00000374	0.000113	0.00023	0.00145
2065 Nov	29.4	0.0433	0.0524	0.00113	6.24	0.023	4.66	0.00000336	0.00605	0.00189	0.00331	0.00724	0.00106	4.65	0.00000257	0.0000542	0.0000847	0.000295	0.0143	0.00000275	0.917	0.00118	1.09	0.0191	0.000234	0.624	0.00132	0.00164	0.0000608	0.000102	0.000062	0.0281	0.00000345	0.000137	0.000226	0.00114
2065 Dec	30.2	0.0452	0.0548	0.00116	6.44	0.0233	4.79	0.00000333	0.00617	0.00197	0.00327	0.00742	0.00111	4.77	0.00000261	0.0000548	0.0000868	0.0003	0.0148	0.00000279	0.941	0.00121	1.11	0.02	0.000244	0.634	0.00139	0.00162	0.0000654	0.000105	0.0000639	0.029	0.00000342	0.000143	0.000227	0.00114
2066 Jan	30.7	0.0464	0.0564	0.00118	6.55	0.0234	4.87	0.00000332	0.00629	0.00203	0.00326	0.00749	0.00114	4.84	0.00000264	0.0000554	0.0000883	0.000304	0.0151	0.00000282	0.953	0.00124	1.11	0.0206	0.000251	0.638	0.00142	0.00164	0.0000679	0.000107	0.0000653	0.0295	0.00000342	0.000147	0.000229	0.00114
2066 Feb	31	0.0474	0.0577	0.0012	6.64	0.0235	4.93	0.00000331	0.0064	0.00207	0.00325	0.00755	0.00117	4.9	0.00000266	0.0000558	0.0000894	0.000307	0.0153	0.00000284	0.963	0.00126	1.12	0.0211	0.000256	0.641	0.00144	0.00166	0.0000695	0.000109	0.0000664	0.03	0.00000341	0.00015	0.00023	0.00115

Appendix C16: DS2

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2066 Mar	31.4	0.0483	0.0589	0.00122	6.74	0.0236	5	0.00000331	0.00647	0.00211	0.00324	0.00763	0.0012	4.96	0.00000268	0.0000563	0.0000905	0.000309	0.0155	0.00000286	0.975	0.00128	1.13	0.0215	0.000262	0.646	0.00147	0.00168	0.0000708	0.00011	0.0000674	0.0304	0.0000034	0.000153	0.000231	0.00115
2066 Apr	27.8	0.0337	0.0393	0.000974	4.93	0.0273	4.59	0.00000392	0.00475	0.00146	0.00388	0.00731	0.000787	4.28	0.00000263	0.0000544	0.0000768	0.00029	0.0119	0.00000275	0.906	0.00101	1.11	0.0143	0.00018	0.682	0.0012	0.00156	0.000055	0.0000898	0.0000529	0.0242	0.00000398	0.000106	0.000239	0.00128
2066 May	24	0.01	0.0046	0.000528	3.78	0.0298	3.69	0.00000494	0.00246	0.000291	0.00494	0.00795	0.0000545	3.6	0.00000251	0.0000503	0.0000516	0.000253	0.00539	0.00000252	0.808	0.00053	1.25	0.0014	0.0000339	0.789	0.00072	0.00103	0.0000267	0.0000523	0.0000266	0.0176	0.00000495	0.0000207	0.00025	0.00149
2066 Jun	29.9	0.024	0.0245	0.000749	6.33	0.0312	4.42	0.00000425	0.00317	0.000927	0.00423	0.00915	0.000435	4.69	0.00000244	0.0000512	0.0000817	0.000264	0.00836	0.00000258	1	0.00077	1.4	0.00806	0.000111	0.831	0.000987	0.00196	0.0000299	0.0000709	0.0000398	0.0259	0.0000043	0.0000658	0.000237	0.00132
2066 Jul	20.3	0.0091	0.0107	0.000605	4.18	0.025	2.93	0.00000477	0.00505	0.000474	0.00476	0.00667	0.000176	3.34	0.0000025	0.0000511	0.0000904	0.000258	0.0141	0.00000256	0.68	0.000612	1.04	0.00523	0.0000592	0.618	0.00079	0.00112	0.0000263	0.0000588	0.0000311	0.0171	0.00000479	0.0000366	0.000248	0.00145
2066 Aug	23.4	0.0177	0.0214	0.000742	4.96	0.025	3.47	0.00000448	0.00519	0.000828	0.00446	0.0067	0.000395	3.8	0.00000251	0.0000527	0.0000642	0.00027	0.0137	0.00000265	0.776	0.000761	1.02	0.00802	0.00011	0.626	0.000765	0.00128	0.0000278	0.0000705	0.0000393	0.0209	0.00000452	0.0000636	0.000246	0.00138
2066 Sep	25.3	0.0287	0.0308	0.000851	5.21	0.0241	3.95	0.00000406	0.005	0.00113	0.00403	0.00674	0.000597	4.04	0.00000244	0.0000525	0.0000693	0.000273	0.0135	0.00000266	0.805	0.000883	1.06	0.0113	0.000144	0.628	0.00086	0.00135	0.0000281	0.0000793	0.0000492	0.0232	0.00000412	0.0000858	0.000237	0.00127
2066 Oct	28.7	0.0342	0.0418	0.00098	6.17	0.0258	4.45	0.00000369	0.00623	0.00149	0.00364	0.00731	0.000821	4.53	0.00000364	0.0000532	0.000091	0.00032	0.0133	0.0000027	0.914	0.00103	1.14	0.0153	0.000188	0.652	0.00119	0.00145	0.000245	0.0001	0.0000541	0.0269	0.00000376	0.000112	0.00023	0.00148
2066 Nov	29.4	0.0433	0.0522	0.00112	6.23	0.023	4.65	0.00000336	0.00617	0.00182	0.0033	0.00722	0.00104	4.64	0.00000261	0.0000544	0.0000848	0.000297	0.0144	0.00000277	0.919	0.00117	1.08	0.0192	0.000233	0.62	0.00131	0.00162	0.0000682	0.000103	0.0000623	0.0281	0.00000345	0.000139	0.000227	0.00115
2066 Dec	30.2	0.0452	0.0546	0.00115	6.43	0.0233	4.78	0.00000333	0.00629	0.0019	0.00326	0.0074	0.00109	4.76	0.00000265	0.0000551	0.0000869	0.000302	0.0148	0.00000281	0.943	0.00121	1.1	0.0201	0.000243	0.631	0.00137	0.00161	0.0000729	0.000106	0.0000642	0.029	0.00000342	0.000145	0.000228	0.00115
2067 Jan	30.7	0.0464	0.0562	0.00117	6.55	0.0234	4.86	0.00000332	0.00642	0.00195	0.00326	0.00748	0.00113	4.84	0.00000268	0.0000557	0.0000885	0.000306	0.0151	0.00000284	0.956	0.00124	1.11	0.0207	0.00025	0.635	0.0014	0.00163	0.0000754	0.000108	0.0000656	0.0295	0.00000342	0.000149	0.000229	0.00116
2067 Feb	31	0.0473	0.0575	0.00119	6.65	0.0235	4.92	0.00000331	0.00652	0.00199	0.00325	0.00754	0.00115	4.9	0.00000271	0.0000561	0.0000897	0.000309	0.0153	0.00000286	0.966	0.00126	1.12	0.0212	0.000256	0.639	0.00143	0.00165	0.000077	0.00011	0.0000668	0.03	0.00000341	0.000152	0.00023	0.00116
2067 Mar	31.4	0.0483	0.0587	0.00121	6.74	0.0236	4.99	0.0000033	0.0066	0.00203	0.00324	0.00762	0.00118	4.96	0.00000273	0.0000566	0.0000908	0.000312	0.0155	0.00000289	0.978	0.00128	1.13	0.0216	0.000261	0.644	0.00146	0.00167	0.0000782	0.000112	0.0000678	0.0304	0.00000341	0.000155	0.000231	0.00116
2067 Apr	28.1	0.0346	0.0404	0.000983	5.04	0.0271	4.61	0.00000388	0.00495	0.00145	0.00384	0.00733	0.000801	4.32	0.00000267	0.0000547	0.0000778	0.000293	0.0121	0.00000278	0.913	0.00103	1.11	0.0148	0.000184	0.678	0.00121	0.00157	0.0000609	0.0000919	0.0000541	0.0246	0.00000395	0.00011	0.000239	0.00128
2067 May	25.1	0.015	0.0116	0.000617	4.17	0.0291	3.87	0.00000475	0.003	0.000515	0.00474	0.00794	0.0002	3.79	0.00000255	0.0000513	0.0000568	0.000261	0.00671	0.00000257	0.833	0.000628	1.24	0.00402	0.0000633	0.773	0.000818	0.00112	0.0000335	0.0000602	0.0000321	0.0193	0.00000476	0.0000383	0.000248	0.00145
2067 Jun	29.8	0.0239	0.0243	0.000743	6.32	0.0312	4.41	0.00000425	0.00317	0.000896	0.00422	0.00913	0.000426	4.68	0.00000244	0.0000511	0.0000816	0.000263	0.00834	0.00000258	0.998	0.000766	1.39	0.00805	0.00011	0.829	0.00098	0.00195	0.0000301	0.0000705	0.0000397	0.0258	0.00000429	0.0000654	0.000237	0.00132
2067 Jul	20.3	0.00902	0.0106	0.000602	4.17	0.025	2.92	0.00000477	0.00505	0.00046	0.00476	0.00667	0.000172	3.34	0.0000025	0.000051	0.0000904	0.000258	0.0141	0.00000256	0.679	0.00061	1.03	0.0052	0.0000583	0.618	0.000787	0.00112	0.0000263	0.0000586	0.0000311	0.0171	0.00000479	0.0000362	0.000248	0.00145
2067 Aug	23.5	0.0181	0.0217	0.000744	4.98	0.025	3.48	0.00000446	0.00519	0.000816	0.00444	0.00671	0.000398	3.81	0.00000251	0.0000526	0.0000645	0.00027	0.0138	0.00000265	0.778	0.000765	1.02	0.00819	0.000111	0.626	0.000768	0.00128	0.0000279	0.0000705	0.0000395	0.021	0.0000045	0.0000643	0.000245	0.00137
2067 Sep	25.3	0.0287	0.0306	0.000844	5.2	0.024	3.94	0.00000406	0.00498	0.00109	0.00403	0.00673	0.000586	4.03	0.00000244	0.0000524	0.0000693	0.000272	0.0134	0.00000265	0.803	0.000879	1.06	0.0114	0.000142	0.627	0.000852	0.00135	0.0000282	0.0000787	0.0000491	0.0231	0.00000411	0.0000852	0.000236	0.00127
2067 Oct	28.7	0.0338	0.0412	0.000967	6.15	0.0258	4.43	0.00000369	0.00622	0.00142	0.00365	0.0073	0.000799	4.52	0.00000366	0.000053	0.000091	0.00032	0.0132	0.00000269	0.912	0.00102	1.14	0.0152	0.000185	0.651	0.00117	0.00144	0.000249	0.0000993	0.0000537	0.0268	0.00000376	0.000111	0.00023	0.00148
2067 Nov	29.3	0.0431	0.0517	0.0011	6.21	0.0229	4.62	0.00000335	0.00615	0.00175	0.00329	0.0072	0.00102	4.62	0.0000026	0.0000542	0.0000846	0.000296	0.0143	0.00000277	0.916	0.00117	1.08	0.0192	0.00023	0.619	0.00129	0.00162	0.0000672	0.000102	0.0000621	0.028	0.00000344	0.000138	0.000225	0.00115
2067 Dec	30.1	0.045	0.0541	0.00114	6.41	0.0232	4.75	0.00000332	0.00627	0.00182	0.00326	0.00738	0.00107	4.75	0.00000264	0.0000548	0.0000867	0.000301	0.0148	0.0000028	0.94	0.0012	1.1	0.0201	0.00024	0.629	0.00135	0.00161	0.0000718	0.000105	0.000064	0.0289	0.00000341	0.000144	0.000227	0.00115
2068 Jan	30.6	0.0462	0.0556	0.00116	6.53	0.0233	4.83	0.00000331	0.0064	0.00187	0.00325	0.00746	0.0011	4.82	0.00000267	0.0000554	0.0000882	0.000304	0.015	0.00000283	0.953	0.00123	1.1	0.0206	0.000246	0.633	0.00138	0.00163	0.0000744	0.000107	0.0000654	0.0294	0.00000341	0.000148	0.000228	0.00115
2068 Feb	30.9	0.0471	0.0569	0.00118	6.62	0.0234	4.89	0.0000033	0.00651	0.00191	0.00324	0.00752	0.00113	4.88	0.00000269	0.0000558	0.0000894	0.000307	0.0153	0.00000285	0.963	0.00125	1.11	0.0211	0.000252	0.636	0.00141	0.00165	0.0000759	0.000109	0.0000665	0.0299	0.0000034	0.000151	0.000229	0.00115
2068 Mar	31.3	0.0481	0.0581	0.0012	6.72	0.0236	4.96	0.0000033	0.00658	0.00195	0.00323	0.0076	0.00115	4.94	0.00000271	0.0000563	0.0000905	0.00031	0.0155	0.00000288	0.975	0.00127	1.12	0.0216	0.000257	0.641	0.00144	0.00167	0.0000771	0.000111	0.0000675	0.0303	0.0000034	0.000154	0.00023	0.00115
2068 Apr	27.7	0.0333	0.0385	0.000953	4.88	0.0273	4.55	0.00000392	0.00479	0.00135	0.00388	0.00729	0.000752	4.25	0.00000265	0.0000543	0.0000765	0.00029	0.0118	0.00000276	0.904	0.001	1.11	0.0142	0.000175	0.679	0.00118	0.00155	0.0000587	0.0000895	0.0000527	0.024	0.00000399	0.000106	0.000238	0.00128
2068 May	24	0.01	0.00461	0.000527	3.78	0.0298	3.69	0.00000494	0.00246	0.000286	0.00494	0.00795	0.0000538	3.6	0.00000251	0.0000503	0.0000516	0.000253	0.0054	0.00000252	0.808	0.00053	1.25	0.00142	0.0000339	0.788	0.00072	0.00103	0.0000269	0.0000524	0.0000267	0.0176	0.00000495	0.0000208	0.00025	0.00149
2068 Jun	29.8	0.024	0.0242	0.00074	6.3	0.0311	4.4	0.00000424	0.00318	0.00087	0.00421	0.00911	0.00042	4.67	0.00000243	0.000051	0.0000814	0.000263	0.00835	0.00000257	0.996	0.000765	1.39	0.00809	0.000109	0.827	0.000975	0.00195	0.00003	0.0000704	0.0000397	0.0258	0.00000428	0.0000656	0.000236	0.00131
2068 Jul	20.4	0.00922	0.0108	0.000603	4.18	0.025	2.93	0.00000476	0.00505	0.000457	0.00475	0.00667	0.000174	3.34	0.0000025	0.000051	0.0000904	0.000258	0.0141	0.00000256	0.68	0.000613	1.03	0.0053	0.000059	0.618	0.000788	0.00113	0.0000264	0.0000588	0.0000312	0.0171	0.00000478	0.0000369	0.000248	0.00144
2068 Aug	23.3	0.0171	0.0204	0.000726	4.92	0.025	3.42	0.0000045	0.00516	0.000754	0.00448	0.00667	0.000366	3.77	0.00000251	0.0000524	0.0000636	0.000269	0.0137	0.00000264	0.771	0.000747	1.02	0.00777	0.000105	0.624	0.000741	0.00127	0.0000278	0.0000691	0.0000386	0.0207	0.00000453	0.0000614	0.000246	0.00138
2068 Sep	25.2	0.0284	0.03	0.000834	5.18	0.024	3.92	0.00000406	0.00496	0.00104	0.00403	0.00672	0.000568	4.02	0.00000243	0.0000522	0.0000691	0.000271	0.0134	0.00000264	0.8	0.000871	1.05	0.0112	0.000139	0.626	0.000838	0.00135	0.0000281	0.000078	0.0000488	0.023	0.00000411	0.0000841	0.000235	0.00127
2068 Oct	28.5	0.0333	0.0403	0.000951	6.12	0.0258	4.39	0.0000037	0.00617	0.00135	0.00365	0.00727	0.000771	4.49	0.00000368	0.0000526	0.0000909	0.000319	0.0131	0.00000267	0.906	0.001	1.13	0.0149	0.00018	0.65	0.00115	0.00143	0.000254	0.0000979	0.000053	0.0266	0.00000376	0.000108	0.000228	0.00149
2068 Nov	29.2	0.0429	0.0512	0.00109	6.19	0.0228	4.59	0.00000334	0.00609	0.00167	0.00328	0.00717	0.001	4.6	0.00000258	0.0000537	0.0000843	0.000293	0.0143	0.00000274	0.91	0.00116	1.07	0.0191	0.000226	0.617	0.00127	0.00162	0.0000653	0.000101	0.0000616	0.0279	0.00000342	0.000136	0.000223	0.00114
2068 Dec	30	0.0447	0.0535	0.00112	6.38	0.0231	4.72	0.00000331	0.0062	0.00174	0.00325	0.00735	0.00105	4.72	0.00000262	0.0000543	0.0000863	0.000298	0.0147	0.00000277	0.933	0.00119	1.09	0.02	0.000235	0.627	0.00133	0.0016	0.0000698	0.000103	0.0000635	0.0287	0.00000339	0.000142	0.000224	0.00114
2069 Jan	30.4	0.0458	0.055	0.00114	6.49	0.0232	4.79	0.0000033	0.00632	0.00179	0.00324	0.00742	0.00108	4.79	0.00000265	0.0000548	0.0000878	0.000301	0.015	0.0000028	0.945	0.00122	1.1	0.0205	0.000241	0.631	0.00136	0.00162	0.0000724	0.000105	0.0000648	0.0293	0.00000339	0.000146	0.000226	0.00114
2069 Feb	30.8	0.0468	0.0562	0.00116	6.59	0.0233	4.85	0.00000329	0.00642	0.00183	0.00323	0.00748	0.0011	4.85	0.00000267	0.0000552	0.000089	0.000304	0.0152	0.00000282	0.955	0.00124	1.11	0.021	0.000247	0.634	0.00139	0.00164	0.000074	0.000107	0.0000659	0.0297	0.00000338	0.000149	0.000227	0.00114
2069 Mar	31.2	0.0477	0.0574	0.00118	6.68	0.0234	4.92	0.00000328	0.00649	0.00186	0.00322	0.00756	0.00113	4.91	0.00000269	0.0000556	0.00009	0.000307	0.0154	0.00000284	0.966	0.00125	1.11	0.0215	0.000252	0.639	0.00142	0.00166	0.0000751	0.000108	0.0000669	0.0301	0.00000338	0.000152	0.000227	0.00114
2069 Apr	27.5	0.0326	0.0375	0.000936	4.81	0.0273	4.51	0.00000393	0.00468	0.00128	0.00389	0.00725	0.000723	4.22	0.00000263	0.0000538	0.0000758	0.000288	0.0117	0.00000273	0.897	0.000985	1.1	0.0139	0.00017	0.678	0.00116	0.00155	0.000057	0.0000875	0.0000519	0.0237	0.00000399	0.000103	0.000237	0.00128
2069 May	24	0.00994	0.0045	0.000525	3.77	0.0298	3.68	0.00000494	0.00245	0.00028	0.00494	0.00795	0.0000508	3.59	0.00000251	0.0000503	0.0000515	0.000252	0.00538	0.00000252	0.807	0.000528	1.25	0.00138	0.0000333	0.789	0.000718	0.00103	0.0000268	0.0000522	0.0000266	0.0175	0.00000495	0.0000205	0.000249	0.00149
2069 Jun	29.7	0.0234	0.0233	0.000726	6.29	0.0312	4.37	0.00000425	0.00304	0.000822	0.00423	0.00912	0.000398	4.65	0.00000242	0.0000504	0.0000812	0.00026	0.0082	0.00000254	0.991	0.00075	1.39	0.0078	0.000104	0.83	0.000958	0.00195	0.0000298	0.0000682	0.0000388	0.0256	0.00000428	0.0000617	0.000234	0.00131
2069 Jul	20.2	0.00869	0.0101	0.000594	4.14	0.025	2.9	0.00000477	0.005	0.000429	0.00476	0.00665	0.000158	3.32	0.00000249	0.0000507	0.0000903	0.000257	0.0141	0.00000254	0.674	0.000602	1.03	0.00508	0.0000555	0.617	0.000776	0.00112	0.0000263	0.0000575	0.0000306	0.0169	0.00000478	0.0000344	0.000247	0.00144
2069 Aug	23.2	0.017	0.0202	0.000721	4.91	0.0249	3.41	0.00000448	0.00507	0.000729	0.00447	0.00665	0.000358	3.75	0.00000249	0.0000519	0.0000635	0.000266	0.0137	0.00000261	0.765	0.000742	1.01	0.00774	0.000102	0.623	0.000734	0.00126	0.0000277	0.0000676	0.0000382	0.0206	0.00000451	0.0000592	0.000244	0.00137
2069 Sep	25.3	0.0286	0.0302	0.000834	5.2	0.0239	3.92	0.00000405	0.00486	0.00101	0.00402	0.00673	0.000563	4.03	0.00000242	0.0000516	0.0000694	0.000269	0.0134	0.0000026	0.798	0.00087	1.06	0.0114	0.000137	0.628	0.000838	0.00135	0.0000282	0.0000762	0.0000485	0.0231	0.00000409	0.0000819	0.000233	0.00126
2069 Oct	28.6	0.0338	0.0409	0.000954	6.14	0.0256	4.4	0.00000366	0.00602	0.00132	0.00362	0.00728	0.00077	4.5	0.00000359	0.0000518	0.0000907	0.000314	0.0132	0.00000263	0.902	0.001	1.13	0.0152	0.000179	0.65	0.00115	0.00145	0.000241	0.0000955	0.0000529	0.0267	0.00000371	0.000107	0.000225	0.00146
2069 Nov	29.2	0.0427	0.0507	0.00108	6.17	0.0226	4.56	0.00000332	0.00588	0.00161	0.00327	0.00716	0.000977	4.58	0.00000253	0.0000526	0.000084	0.000288	0.0142	0.00000268	0.901	0.00114	1.07	0.0191	0.00022	0.617	0.00126	0.00162	0.0000599	0.0000969	0.0000607	0.0278	0.00000339	0.000131	0.000219	0.00112
2069 Dec	29.9	0.0444	0.0529	0.00111	6.35	0.0229	4.68	0.00000329	0.00599	0.00167	0.00324	0.00733	0.00102	4.7	0.00000256	0.0000531	0.0000859	0.000292	0.0146	0.00000271	0.923	0.00118	1.09	0.0199	0.000229	0.627	0.00132	0.0016	0.0000643	0.0000995	0.0000625	0.0286	0.00000336	0.000137	0.00022	0.00112
2070 Jan	30.3	0.0454	0.0543	0.00113	6.46	0.023	4.75	0.00000328	0.0061	0.00171	0.00323	0.0074	0.00105	4.76	0.00000259	0.0000536	0.0000872	0.000296	0.0149	0.00000273	0.934	0.0012	1.1	0.0204	0.000235	0.63	0.00134	0.00162	0.0000667	0.000101	0.0000637	0.0291	0.00000336	0.00014	0.000221	0.00112
2070 Feb	30.7	0.0464	0.0555	0.00115	6.55	0.0231	4.8	0.00000327	0.0062	0.00175	0.00322	0.00745	0.00107	4.82	0.00000261	0.000054	0.0000884	0.000298	0.0151	0.00000275	0.943	0.00122	1.1	0.0209	0.00024	0.633	0.00137	0.00164	0.0000683	0.000103	0.0000647	0.0295	0.00000335	0.000143	0.000222	0.00112
2070 Mar	31	0.0473	0.0566	0.00116	6.64	0.0232	4.87	0.00000326	0.00627	0.00178	0.00321	0.00753	0.00109	4.87	0.00000263	0.0000544	0.0000894	0.000301	0.0153	0.00000277	0.954	0.00124	1.11	0.0213	0.000244	0.637	0.00139	0.00166	0.0000695	0.000104	0.0000657	0.0299	0.00000334	0.000146	0.000223	0.00112
2070 Apr	27.6	0.0333	0.0383	0.000941	4.89	0.027	4.51	0.00000388	0.00465	0.00126	0.00384	0.00725	0.000727	4.24	0.0000026	0.0000532	0.0000763	0.000285	0.0118	0.00000269	0.893	0.00099	1.1	0.0143	0.00017	0.675	0.00116	0.00155	0.0000546	0.0000862	0.0000521	0.024	0.00000393	0.000102	0.000233	0.00126
2070 May	24	0.00993	0.00447	0.000525	3.77	0.0298	3.68	0.00000494	0.00245	0.000277	0.00494	0.00795	0.0000497	3.59	0.00000251	0.0000502	0.0000515	0.000252	0.00538	0.00000251	0.807	0.000528	1.25	0.00137	0.000033	0.788	0.000717	0.00103	0.0000266	0.000052	0.0000265	0.0175	0.00000495	0.0000203	0.000249	0.00149
2070 Jun	29.7	0.0236	0.0236	0.000728	6.29	0.031	4.37	0.00000423	0.00303	0.000808	0.00421	0.00909	0.000397	4.65	0.00000241	0.0000501	0.0000812	0.000259	0.00826	0.00000252	0.989	0.000752	1.39	0.00795	0.000103	0.828	0.000957	0.00195	0.0000297	0.0000676	0.0000389	0.0257	0.00000426	0.0000613	0.000233	0.00131
2070 Jul	20.4	0.00922	0.0107	0.000601	4.18	0.025	2.92	0.00000475	0.005	0.000438	0.00474	0.00667	0.000168	3.34	0.00000249	0.0000507	0.0000903	0.000257	0.0141	0.00000254	0.678	0.00061	1.03	0.00531	0.0000576	0.618	0.000784	0.00113	0.0000263	0.0000578	0.000031	0.0171	0.00000476	0.0000355	0.000246	0.00144
2070 Aug	23.3	0.0172	0.0205	0.000722	4.91	0.0248	3.41	0.00000446	0.00504	0.000717	0.00445	0.00665	0.000357	3.76	0.00000249	0.0000516	0.0000636	0.000266	0.0137	0.00000259	0.764	0.000743	1.01	0.00786	0.000102	0.622	0.000735	0.00126	0.0000277	0.0000671	0.0000383	0.0207	0.00000448	0.0000589	0.000242	0.00137
2070 Sep	25.1	0.0283	0.0299	0.000825	5.17	0.0238	3.89	0.00000403	0.00479	0.000975	0.004	0.00668	0.000548	4	0.00000241	0.000051	0.0000689	0.000267	0.0133	0.00000257	0.79	0.000861	1.05	0.0113	0.000134	0.624	0.000824	0.00134	0.000028	0.0000747	0.0000481	0.023	0.00000406	0.0000798	0.000231	0.00125
2070 Oct	28.5	0.0332	0.04	0.000938	6.1	0.0256	4.36	0.00000366	0.00596	0.00126	0.00363	0.00723	0.000741	4.48	0.00000364	0.0000512	0.0000906	0.000313	0.0131	0.00000259	0.894	0.000989	1.13	0.015	0.000173	0.648	0.00113	0.00143	0.000253	0.0000938	0.0000522	0.0266	0.00000371	0.000103	0.000223	0.00147
2070 Nov	29.1	0.0427	0.0506	0.00107	6.16	0.0225	4.54	0.00000331	0.00582	0.00155	0.00326	0.00712	0.000958	4.58	0.00000255	0.000052	0.000084	0.000287	0.0142	0.00000264	0.895	0.00114	1.06	0.0191	0.000217	0.614	0.00125	0.00161	0.0000658	0.0000953	0.0000604	0.0278	0.00000336	0.000129	0.000217	0.00111
2070 Dec	29.9	0.0445	0.0529	0.0011	6.36	0.0228	4.67	0.00000327	0.00593	0.00161	0.00322	0.0073	0.001	4.7	0.00000258	0.0000525	0.000086	0.000291	0.0146	0.00000267	0.918	0.00117	1.08	0.02	0.000226	0.625	0.00131	0.0016	0.0000703	0.0000979	0.0000623	0.0286	0.00000333	0.000134	0.000217	0.00111

Appendix C17: Whale Tail North Basin

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Active Closure (June 2038 to Sept. 2042): Min	12.8	0.028	0.0278	0.000631	2.72	0.00849	2.82	0.00000116	0.00255	0.00404	0.00114	0.00289	0.000746	2.3	0.000000997	0.0000257	0.0000436	0.000138	0.00789	0.00000113	0.377	0.000628	0.527	0.012	0.000226	0.231	0.00134	0.000804	0.0000128	0.000061	0.0000333	0.013	0.00000118	0.0000765	0.000108	0.000405
Active Closure (June 2038 to Sept. 2042): Avera	88.5	0.195	0.188	0.00428	19	0.0594	19.1	0.00000809	0.0181	0.0262	0.00798	0.0201	0.0054	15.8	0.00000703	0.000177	0.000304	0.000956	0.0544	0.00000802	2.63	0.00444	3.57	0.0831	0.00148	1.61	0.00883	0.00555	0.0000916	0.000414	0.000232	0.0908	0.00000824	0.000538	0.000739	0.00283
Active Closure (June 2038 to Sept. 2042): Max	92.2	0.202	0.2	0.00453	19.6	0.0613	20.3	0.00000834	0.0185	0.0291	0.00823	0.0208	0.00595	16.6	0.00000719	0.000185	0.000314	0.000995	0.057	0.00000821	2.72	0.00462	3.79	0.0862	0.00163	1.67	0.00963	0.00581	0.0000943	0.000439	0.000239	0.0941	0.00000849	0.000552	0.000775	0.00293
Post Closure (Oct. 2042 to 2070): Min	75.5	0.18	0.122	0.00267	16.6	0.0523	14	0.00000735	0.0169	0.00661	0.00723	0.0173	0.00444	12.8	0.00000659	0.000138	0.000276	0.000772	0.0455	0.00000735	2.25	0.00389	2.58	0.0786	0.0007	1.41	0.00482	0.00467	0.0000937	0.000267	0.000203	0.0787	0.00000724	0.000464	0.000557	0.00239
Post Closure (Oct. 2042 to 2070): Average	81.2	0.194	0.157	0.00356	17.8	0.0553	16	0.00000769	0.0174	0.0134	0.00759	0.0184	0.0057	14.1	0.0000069	0.000153	0.00029	0.000845	0.0488	0.00000771	2.41	0.00438	2.95	0.0811	0.000973	1.53	0.00627	0.00499	0.0000963	0.000322	0.000218	0.0852	0.00000767	0.000499	0.000627	0.00258
Post Closure (Oct. 2042 to 2070): Max	88.3	0.202	0.188	0.00431	19.1	0.0596	18.8	0.00000815	0.0184	0.0239	0.00803	0.02	0.00641	15.7	0.00000718	0.000176	0.000305	0.000951	0.0539	0.00000818	2.64	0.00465	3.47	0.0838	0.00139	1.63	0.00838	0.0055	0.0000978	0.000403	0.000235	0.0912	0.00000829	0.000546	0.00073	0.00284
CCME/SSWQO (Receiving Environment)	***-***	***0.58***	***2.93***	***0.06***	***120***	***0.12***	***variable***	***0.00025***	***0.1***	***0.025***	***1.5***	***-***	***-***	***-***	***variable***	***-***	***0.001***	***variable***	***0.3***	***0.000026***	***-***	***-***	***-***	***variable***	***0.073***	***-***	***variable***	***0.01***	***0.001***	***-***	***0.001***	***-***	***0.0008***	***0.015***	***-***	***variable***
Model Predictions (June 2038-2070)																																				
2038 Jun	12.8	0.028	0.0278	0.000631	2.72	0.00849	2.82	0.00000116	0.00255	0.00404	0.00114	0.00289	0.000746	2.3	0.000000997	0.0000257	0.0000436	0.000138	0.00789	0.00000113	0.377	0.000628	0.527	0.012	0.000226	0.231	0.00134	0.000804	0.0000128	0.000061	0.0000333	0.013	0.00000118	0.0000765	0.000108	0.000405
2038 Jul	92.2	0.201	0.2	0.00453	19.6	0.0613	20.3	0.00000834	0.0184	0.0291	0.00823	0.0208	0.00535	16.6	0.00000718	0.000185	0.000314	0.000995	0.057	0.00000815	2.72	0.00452	3.79	0.0862	0.00163	1.67	0.00963	0.00581	0.0000925	0.000439	0.000239	0.0941	0.00000849	0.000551	0.000775	0.00293
2038 Aug	91.8	0.2	0.198	0.00448	19.6	0.0612	20.1	0.00000832	0.0183	0.0288	0.00821	0.0208	0.00528	16.5	0.00000715	0.000184	0.000314	0.000991	0.0569	0.00000811	2.71	0.00449	3.77	0.0857	0.00161	1.66	0.00954	0.0058	0.0000922	0.000436	0.000238	0.0938	0.00000846	0.000547	0.000771	0.00292
2038 Sep	91.6	0.199	0.196	0.00444	19.5	0.0611	20	0.0000083	0.0183	0.0287	0.00819	0.0207	0.00522	16.4	0.00000712	0.000184	0.000313	0.000988	0.0568	0.00000809	2.7	0.00447	3.76	0.0854	0.0016	1.66	0.00948	0.00579	0.000092	0.000434	0.000237	0.0934	0.00000845	0.000546	0.000768	0.00291
2038 Oct	91.4	0.198	0.195	0.00442	19.5	0.061	20	0.00000829	0.0183	0.0286	0.00818	0.0207	0.00519	16.4	0.00000712	0.000183	0.000312	0.000987	0.0567	0.00000809	2.7	0.00446	3.75	0.0854	0.0016	1.65	0.00945	0.00578	0.0000922	0.000433	0.000237	0.0932	0.00000844	0.000545	0.000767	0.00291
2038 Nov	91.4	0.198	0.195	0.00441	19.5	0.061	20	0.00000829	0.0183	0.0286	0.00818	0.0207	0.00517	16.4	0.00000713	0.000183	0.000312	0.000987	0.0566	0.0000081	2.7	0.00445	3.75	0.0853	0.0016	1.65	0.00945	0.00577	0.0000924	0.000433	0.000237	0.0932	0.00000844	0.000546	0.000767	0.00291
2038 Dec	91.4	0.198	0.195	0.0044	19.5	0.0609	20	0.00000829	0.0183	0.0285	0.00818	0.0207	0.00516	16.4	0.00000713	0.000183	0.000312	0.000987	0.0566	0.0000081	2.7	0.00445	3.74	0.0853	0.00159	1.65	0.00944	0.00577	0.0000925	0.000432	0.000237	0.0932	0.00000843	0.000546	0.000766	0.0029
2039 Jan	91.4	0.197	0.194	0.00439	19.5	0.0608	20	0.00000829	0.0183	0.0285	0.00817	0.0207	0.00515	16.4	0.00000713	0.000183	0.000312	0.000986	0.0565	0.00000809	2.7	0.00445	3.74	0.0852	0.00159	1.65	0.00943	0.00576	0.0000926	0.000431	0.000237	0.0931	0.00000842	0.000546	0.000765	0.0029
2039 Feb	91.4	0.197	0.194	0.00438	19.5	0.0608	20	0.00000829	0.0183	0.0284	0.00817	0.0207	0.00514	16.4	0.00000714	0.000182	0.000313	0.000985	0.0565	0.00000809	2.7	0.00444	3.74	0.0852	0.00159	1.65	0.00943	0.00576	0.0000927	0.000431	0.000238	0.0931	0.00000841	0.000545	0.000765	0.0029
2039 Mar	91.4	0.197	0.194	0.00437	19.5	0.0607	20	0.00000828	0.0182	0.0283	0.00817	0.0206	0.00513	16.4	0.00000714	0.000182	0.000313	0.000984	0.0564	0.00000808	2.69	0.00444	3.74	0.0851	0.00159	1.65	0.00942	0.00575	0.0000928	0.00043	0.000238	0.0931	0.0000084	0.000545	0.000764	0.0029
2039 Apr	91.4	0.196	0.193	0.00437	19.5	0.0607	20	0.00000828	0.0182	0.0283	0.00817	0.0206	0.00512	16.4	0.00000715	0.000182	0.000313	0.000984	0.0564	0.00000808	2.69	0.00444	3.73	0.0851	0.00158	1.65	0.00941	0.00575	0.0000929	0.000429	0.000238	0.093	0.00000839	0.000545	0.000763	0.00289
2039 May	91.5	0.196	0.193	0.00436	19.5	0.0606	20.1	0.00000828	0.0182	0.0282	0.00817	0.0206	0.00511	16.4	0.00000715	0.000182	0.000313	0.000983	0.0564	0.00000808	2.69	0.00444	3.73	0.0851	0.00158	1.65	0.00941	0.00574	0.000093	0.000429	0.000239	0.093	0.00000839	0.000545	0.000762	0.00289
2039 Jun	91.3	0.2	0.195	0.00443	19.5	0.0609	20	0.0000083	0.0184	0.0281	0.00818	0.0206	0.00536	16.4	0.00000719	0.000183	0.000312	0.000985	0.0562	0.00000817	2.7	0.00451	3.72	0.0857	0.00157	1.65	0.00936	0.00573	0.0000931	0.000431	0.000239	0.0932	0.00000844	0.000551	0.000766	0.00291
2039 Jul	91	0.201	0.196	0.00446	19.5	0.0609	19.8	0.00000829	0.0185	0.0278	0.00817	0.0206	0.00551	16.3	0.00000717	0.000183	0.000311	0.000983	0.0561	0.00000818	2.7	0.00454	3.7	0.0853	0.00156	1.66	0.00927	0.00572	0.0000928	0.00043	0.000238	0.0932	0.00000845	0.000551	0.000764	0.00291
2039 Aug	90.7	0.199	0.195	0.00442	19.4	0.0608	19.7	0.00000828	0.0185	0.0277	0.00816	0.0206	0.00544	16.3	0.00000715	0.000182	0.000311	0.000981	0.056	0.00000817	2.69	0.00452	3.69	0.0849	0.00155	1.65	0.0092	0.00571	0.0000926	0.000428	0.000236	0.093	0.00000844	0.000549	0.000762	0.0029
2039 Sep	90.5	0.199	0.193	0.00438	19.4	0.0608	19.6	0.00000826	0.0185	0.0275	0.00814	0.0205	0.00539	16.2	0.00000713	0.000182	0.00031	0.000979	0.0559	0.00000816	2.69	0.0045	3.67	0.0847	0.00154	1.65	0.00916	0.0057	0.0000925	0.000427	0.000236	0.0927	0.00000843	0.000548	0.00076	0.0029
2039 Oct	90.4	0.198	0.193	0.00436	19.4	0.0607	19.6	0.00000825	0.0184	0.0275	0.00813	0.0205	0.00536	16.2	0.00000713	0.000182	0.00031	0.000978	0.0558	0.00000816	2.69	0.00449	3.67	0.0847	0.00154	1.64	0.00913	0.00569	0.0000926	0.000426	0.000236	0.0925	0.00000842	0.000548	0.000759	0.0029
2039 Nov	90.4	0.198	0.192	0.00436	19.3	0.0607	19.6	0.00000825	0.0184	0.0274	0.00813	0.0205	0.00535	16.2	0.00000713	0.000182	0.00031	0.000978	0.0558	0.00000816	2.69	0.00448	3.66	0.0847	0.00153	1.64	0.00913	0.00569	0.0000928	0.000426	0.000236	0.0925	0.00000842	0.000548	0.000758	0.0029
2039 Dec	90.4	0.198	0.192	0.00435	19.3	0.0606	19.6	0.00000825	0.0184	0.0274	0.00813	0.0205	0.00534	16.2	0.00000714	0.000181	0.00031	0.000977	0.0557	0.00000816	2.68	0.00448	3.66	0.0847	0.00153	1.64	0.00912	0.00568	0.0000929	0.000425	0.000236	0.0925	0.00000841	0.000548	0.000758	0.00289
2040 Jan	90.4	0.198	0.192	0.00434	19.3	0.0606	19.6	0.00000825	0.0184	0.0273	0.00813	0.0205	0.00533	16.2	0.00000714	0.000181	0.00031	0.000977	0.0557	0.00000815	2.68	0.00448	3.66	0.0846	0.00153	1.64	0.00912	0.00568	0.000093	0.000425	0.000236	0.0924	0.0000084	0.000548	0.000757	0.00289
2040 Feb	90.4	0.197	0.191	0.00433	19.3	0.0605	19.6	0.00000825	0.0184	0.0273	0.00813	0.0205	0.00532	16.2	0.00000715	0.000181	0.00031	0.000976	0.0557	0.00000815	2.68	0.00448	3.66	0.0846	0.00153	1.64	0.00911	0.00567	0.0000931	0.000424	0.000237	0.0924	0.0000084	0.000548	0.000756	0.00289
2040 Mar	90.4	0.197	0.191	0.00433	19.3	0.0604	19.6	0.00000825	0.0184	0.0272	0.00813	0.0205	0.00531	16.2	0.00000715	0.000181	0.00031	0.000975	0.0556	0.00000814	2.68	0.00447	3.66	0.0845	0.00153	1.64	0.00911	0.00567	0.0000932	0.000424	0.000237	0.0924	0.00000839	0.000548	0.000756	0.00289
2040 Apr	90.4	0.197	0.191	0.00432	19.3	0.0604	19.7	0.00000825	0.0184	0.0272	0.00813	0.0204	0.00531	16.2	0.00000715	0.00018	0.00031	0.000975	0.0556	0.00000814	2.68	0.00447	3.65	0.0845	0.00152	1.64	0.00911	0.00567	0.0000933	0.000423	0.000237	0.0924	0.00000838	0.000548	0.000755	0.00288
2040 May	90.5	0.196	0.191	0.00431	19.4	0.0604	19.7	0.00000825	0.0184	0.0271	0.00813	0.0204	0.0053	16.2	0.00000716	0.00018	0.00031	0.000975	0.0556	0.00000814	2.68	0.00447	3.65	0.0845	0.00152	1.64	0.00911	0.00566	0.0000935	0.000423	0.000238	0.0924	0.00000838	0.000548	0.000755	0.00288
2040 Jun	90.3	0.2	0.193	0.00439	19.4	0.0605	19.6	0.00000826	0.0185	0.027	0.00814	0.0205	0.00555	16.2	0.00000719	0.000181	0.00031	0.000976	0.0554	0.00000821	2.68	0.00454	3.64	0.0851	0.00152	1.65	0.00905	0.00565	0.0000935	0.000424	0.000238	0.0926	0.00000841	0.000552	0.000757	0.00289
2040 Jul	90.1	0.201	0.194	0.00442	19.4	0.0605	19.5	0.00000824	0.0185	0.0267	0.00813	0.0204	0.00569	16.1	0.00000717	0.000181	0.000309	0.000973	0.0553	0.00000819	2.68	0.00457	3.63	0.0848	0.0015	1.65	0.00897	0.00564	0.0000932	0.000422	0.000236	0.0927	0.00000841	0.00055	0.000754	0.00289
2040 Aug	89.8	0.2	0.193	0.00438	19.3	0.0604	19.3	0.00000823	0.0185	0.0265	0.00811	0.0204	0.00563	16.1	0.00000714	0.00018	0.000308	0.000971	0.0553	0.00000817	2.67	0.00455	3.61	0.0844	0.00149	1.64	0.00891	0.00564	0.000093	0.00042	0.000235	0.0924	0.00000839	0.000548	0.000751	0.00288
2040 Sep	89.6	0.199	0.191	0.00435	19.3	0.0604	19.3	0.00000822	0.0185	0.0264	0.0081	0.0204	0.00558	16	0.00000713	0.00018	0.000308	0.000969	0.0552	0.00000817	2.67	0.00453	3.6	0.0842	0.00149	1.64	0.00887	0.00563	0.0000928	0.000419	0.000234	0.0922	0.00000839	0.000547	0.000749	0.00288
2040 Oct	89.5	0.199	0.191	0.00433	19.2	0.0603	19.2	0.00000821	0.0185	0.0263	0.00809	0.0203	0.00555	16	0.00000712	0.00018	0.000307	0.000968	0.0551	0.00000817	2.67	0.00452	3.59	0.0841	0.00148	1.64	0.00884	0.00562	0.000093	0.000418	0.000234	0.092	0.00000838	0.000547	0.000749	0.00288
2040 Nov	89.5	0.199	0.19	0.00432	19.2	0.0603	19.2	0.00000821	0.0185	0.0262	0.00809	0.0203	0.00554	16	0.00000713	0.00018	0.000308	0.000968	0.055	0.00000817	2.67	0.00452	3.59	0.0842	0.00148	1.64	0.00884	0.00561	0.0000932	0.000418	0.000235	0.092	0.00000838	0.000548	0.000749	0.00288
2040 Dec	89.5	0.198	0.19	0.00432	19.2	0.0603	19.3	0.00000821	0.0185	0.0262	0.00809	0.0203	0.00553	16	0.00000714	0.000179	0.000308	0.000968	0.055	0.00000817	2.67	0.00452	3.59	0.0842	0.00148	1.64	0.00884	0.00561	0.0000933	0.000418	0.000235	0.092	0.00000838	0.000548	0.000748	0.00288
2041 Jan	89.5	0.198	0.19	0.00431	19.2	0.0602	19.3	0.00000821	0.0184	0.0261	0.00809	0.0203	0.00553	16	0.00000714	0.000179	0.000308	0.000967	0.055	0.00000817	2.67	0.00452	3.59	0.0841	0.00148	1.63	0.00884	0.00561	0.0000934	0.000417	0.000235	0.0919	0.00000837	0.000548	0.000748	0.00287
2041 Feb	89.5	0.198	0.19	0.00431	19.2	0.0602	19.3	0.00000821	0.0184	0.0261	0.00809	0.0203	0.00552	16	0.00000715	0.000179	0.000308	0.000967	0.0549	0.00000817	2.66	0.00451	3.59	0.0841	0.00148	1.63	0.00884	0.0056	0.0000935	0.000417	0.000236	0.0919	0.00000836	0.000548	0.000747	0.00287
2041 Mar	89.6	0.198	0.189	0.0043	19.2	0.0601	19.3	0.00000821	0.0184	0.0261	0.00809	0.0203	0.00551	16	0.00000715	0.000179	0.000308	0.000966	0.0549	0.00000817	2.66	0.00451	3.59	0.0841	0.00147	1.63	0.00884	0.0056	0.0000936	0.000417	0.000236	0.0919	0.00000835	0.000548	0.000747	0.00287
2041 Apr	89.6	0.197	0.189	0.0043	19.3	0.0601	19.3	0.00000821	0.0184	0.0261	0.00809	0.0203	0.0055	16	0.00000716	0.000179	0.000308	0.000966	0.0549	0.00000817	2.66	0.00451	3.59	0.0841	0.00147	1.63	0.00884	0.0056	0.0000937	0.000416	0.000236	0.0919	0.00000835	0.000548	0.000746	0.00287
2041 May	89.7	0.197	0.189	0.00429	19.3	0.0601	19.4	0.00000821	0.0184	0.026	0.00809	0.0203	0.0055	16	0.00000717	0.000179	0.000308	0.000966	0.0549	0.00000817	2.66	0.00451	3.59	0.0841	0.00147	1.63	0.00884	0.00559	0.0000939	0.000416	0.000237	0.0919	0.00000835	0.000548	0.000747	0.00287
2041 Jun	89.5	0.201	0.191	0.00437	19.3	0.0602	19.3	0.00000821	0.0185	0.0259	0.0081	0.0203	0.00572	16	0.00000718	0.000179	0.000308	0.000966	0.0547	0.0000082	2.67	0.00457	3.58	0.0847	0.00147	1.64	0.00879	0.00558	0.0000938	0.000416	0.000237	0.0921	0.00000836	0.00055	0.000747	0.00287
2041 Jul	89.3	0.201	0.192	0.00439	19.3	0.0601	19.2	0.0000082	0.0185	0.0256	0.00808	0.0203	0.00584	15.9	0.00000716	0.000179	0.000307	0.000964	0.0546	0.00000819	2.66	0.0046	3.56	0.0844	0.00145	1.64	0.00872	0.00558	0.0000936	0.000414	0.000235	0.0922	0.00000836	0.000548	0.000744	0.00287
2041 Aug	89.1	0.2	0.191	0.00435	19.2	0.0601	19	0.00000818	0.0184	0.0254	0.00807	0.0202	0.00578	15.9	0.00000714	0.000178	0.000307	0.000961	0.0546	0.00000816	2.66	0.00458	3.55	0.084	0.00144	1.64	0.00866	0.00557	0.0000934	0.000412	0.000234	0.0919	0.00000834	0.000545	0.000741	0.00286
2041 Sep	88.8	0.199	0.189	0.00431	19.2	0.06	18.9	0.00000817	0.0184	0.0252	0.00805	0.0202	0.00572	15.8	0.00000711	0.000177	0.000306	0.000959	0.0545	0.00000814	2.65	0.00455	3.53	0.0837	0.00144	1.63	0.0086	0.00556	0.0000932	0.00041	0.000233	0.0917	0.00000833	0.000544	0.000738	0.00286
2041 Oct	88.7	0.199	0.189	0.0043	19.1	0.0599	18.9	0.00000817	0.0184	0.0251	0.00805	0.0202	0.00569	15.8	0.00000711	0.000177	0.000306	0.000958	0.0544	0.00000815	2.65	0.00454	3.53	0.0837	0.00143	1.63	0.00858	0.00556	0.0000933	0.00041	0.000233	0.0915	0.00000833	0.000544	0.000738	0.00286
2041 Nov	88.7	0.199	0.188	0.00429	19.1	0.0599	18.9	0.00000817	0.0184	0.0251	0.00805	0.0202	0.00569	15.8	0.00000712	0.000177	0.000306	0.000958	0.0544	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00858	0.00555	0.0000935	0.00041	0.000233	0.0915	0.00000833	0.000545	0.000738	0.00286
2041 Dec	88.8	0.199	0.188	0.00429	19.1	0.0599	19	0.00000817	0.0184	0.0251	0.00805	0.0202	0.00568	15.8	0.00000713	0.000177	0.000306	0.000958	0.0544	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00859	0.00555	0.0000936	0.00041	0.000234	0.0915	0.00000832	0.000545	0.000738	0.00286
2042 Jan	88.8	0.198	0.188	0.00428	19.1	0.0599	19	0.00000817	0.0184	0.025	0.00805	0.0201	0.00567	15.8	0.00000714	0.000177	0.000306	0.000958	0.0543	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00859	0.00554	0.0000937	0.000409	0.000234	0.0915	0.00000832	0.000545	0.000738	0.00285
2042 Feb	88.8	0.198	0.188	0.00428	19.2	0.0598	19	0.00000817	0.0184	0.025	0.00805	0.0201	0.00567	15.8	0.00000714	0.000177	0.000306	0.000958	0.0543	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00859	0.00554	0.0000938	0.000409	0.000234	0.0915	0.00000831	0.000545	0.000737	0.00285
2042 Mar	88.8	0.198	0.188	0.00427	19.2	0.0598	19	0.00000817	0.0184	0.025	0.00805	0.0201	0.00566	15.8	0.00000715	0.000177	0.000306	0.000957	0.0543	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00859	0.00554	0.000094	0.000409	0.000235	0.0915	0.00000831	0.000545	0.000737	0.00285
2042 Apr	88.9	0.198	0.188	0.00427	19.2	0.0597	19	0.00000817	0.0184	0.025	0.00805	0.0201	0.00566	15.8	0.00000715	0.000177	0.000306	0.000957	0.0543	0.00000816	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.00859	0.00553	0.0000941	0.000408	0.000235	0.0915	0.0000083	0.000546	0.000737	0.00285
2042 May	89	0.198	0.187	0.00427	19.2	0.0598	19.1	0.00000818	0.0184	0.025	0.00806	0.0201	0.00565	15.9	0.00000717	0.000177	0.000307	0.000958	0.0543	0.00000817	2.65	0.00454	3.53	0.0838	0.00143	1.63	0.0086	0.00553	0.0000943	0.000409	0.000236	0.0915	0.0000083	0.000547	0.000737	0.00285
2042 Jun	88.8	0.201	0.189	0.00433	19.2	0.0598	19	0.00000818	0.0185	0.0248	0.00806	0.0201	0.00585	15.8	0.00000718	0.000177	0.000306	0.000958	0.0541	0.0000082	2.65	0.00459	3.52	0.0844	0.00142	1.63	0.00856	0.00552	0.0000942	0.000409	0.000236	0.0917	0.00000832	0.000549	0.000738	0.00286
2042 Jul	88.6	0.202	0.19	0.00435	19.2	0.0599	18.9	0.00000817	0.0185	0.0245	0.00805	0.0201	0.00595	15.8	0.00000716	0.000177	0.000306	0.000956	0.054	0.00000819	2.65	0.00462	3.5	0.0841	0.00141	1.64	0.00849	0.00552	0.000094	0.000408	0.000234	0.0917	0.00000832	0.000547	0.000736	0.00285
2042 Aug	88.4	0.2	0.189	0.00431	19.1	0.0598	18.8	0.00000816	0.0184	0.0243	0.00804	0.0201	0.00589	15.7	0.00000714	0.000176	0.000305	0.000954	0.054	0.00000818	2.64	0.00459	3.49	0.0837	0.0014	1.63	0.00843	0.00551	0.0000938	0.000406	0.000233	0.0915	0.00000831	0.000545	0.000733	0.00285
2042 Sep	88.1	0.199	0.187	0.00427	19.1	0.0597	18.7	0.00000814	0.0184	0.024	0.00802	0.02	0.00582	15.7	0.00000711	0.000176	0.000304	0.000951	0.0539	0.00000815	2.64	0.00457	3.47	0.0834	0.00139	1.63	0.00836	0.0055	0.0000936	0.000403	0.000232	0.0912	0.0000083	0.000543	0.00073	0.00284
2042 Oct	88	0.199	0.187	0.00426	19	0.0596	18.6	0.00000813	0.0184	0.0239	0.00801	0.02	0.00579	15.6	0.00000711	0.000175	0.000304	0.00095	0.0539	0.00000815	2.63	0.00456	3.47	0.0834	0.00139	1.62	0.00835	0.0055	0.0000937	0.000403	0.000232	0.0911	0.00000829	0.000543	0.00073	0.00284
2042 Nov	88	0.199	0.186	0.00425	19	0.0596	18.6	0.00000814	0.0184	0.0239	0.00802	0.02	0.00579	15.7	0.00000712	0.000176	0.000304	0.00095	0.0538	0.00000817	2.64	0.00456	3.47	0.0835	0.00139	1.62	0.00835	0.00549	0.0000939	0.000403	0.000232	0.0911	0.00000829	0.000544	0.00073	0.00284
2042 Dec	88.1	0.199	0.186	0.00425	19	0.0596	18.7	0.00000814	0.0184	0.0239	0.00802	0.02	0.00579	15.7	0.00000713	0.000176	0.000304	0.00095	0.0538	0.00000817	2.64	0.00456	3.47	0.0835	0.00139	1.62	0.00835	0.00549	0.000094	0.000403	0.000233	0.0911	0.00000829	0.000544	0.00073	0.00284
2043 Jan	88.1	0.199	0.186	0.00425	19.1	0.0596	18.7	0.00000814	0.0184	0.0239	0.00802	0.02	0.00578	15.7	0.00000714	0.000175	0.000304	0.00095	0.0538	0.00000817	2.63	0.00456	3.47	0.0835	0.00139	1.62	0.00836	0.00549	0.0000941	0.000403	0.000233	0.0911	0.00000829	0.000545	0.00073	0.00284
2043 Feb	88.1	0.199	0.186	0.00424	19.1	0.0596	18.7	0.00000814	0.0184	0.0239	0.00802	0.02	0.00578	15.7	0.00000715	0.000175	0.000305	0.00095	0.0538	0.00000817	2.63	0.00456	3.47	0.0835	0.00138	1.62	0.00836	0.00548	0.0000943	0.000403	0.000234	0.0911	0.00000828	0.000545	0.00073	0.00284
2043 Mar	88.2	0.199	0.186	0.00424	19.1	0.0595	18.7	0.00000814	0.0184	0.0239	0.00802	0.02	0.00578	15.7	0.00000715	0.000175	0.000305	0.00095	0.0537	0.00000818	2.63	0.00456	3.47	0.0835	0.00138	1.62	0.00836	0.00548	0.0000944	0.000403	0.000234	0.0911	0.00000828	0.000545	0.00073	0.00284
2043 Apr	88.2	0.199	0.186	0.00424	19.1	0.0595	18.8	0.00000814	0.0184	0.0238	0.00802	0.02	0.00578	15.7	0.00000716	0.000175	0.000305	0.00095	0.0537	0.00000818	2.63	0.00456	3.47	0.0836	0.00138	1.62	0.00837	0.00548	0.0000945	0.000403	0.000235	0.0911	0.00000828	0.000546	0.00073	0.00284
2043 May	88.3	0.199	0.186	0.00424	19.1	0.0595	18.8	0.00000815	0.0184	0.0238	0.00803	0.02	0.00577	15.7	0.00000717	0.000175	0.000305	0.000951	0.0537	0.00000818	2.63	0.00456	3.47	0.0837	0.00138	1.62	0.00838	0.00548	0.0000947	0.000403	0.000235	0.0912	0.00000828	0.000546	0.00073	0.00284
2043 Jun	87.9	0.2	0.187	0.00427	19	0.0594	18.6	0.00000812	0.0184	0.0235	0.00801	0.0199	0.00592	15.6	0.00000714	0.000175	0.000304	0.000946	0.0535	0.00000815	2.63	0.00459	3.45	0.0837	0.00137	1.62	0.00828	0.00546	0.0000943	0.0004	0.000233	0.0911	0.00000826	0.000543	0.000726	0.00283
2043 Jul	87.9	0.202	0.188	0.00431	19.1	0.0594	18.6	0.00000812	0.0184	0.0233	0.00801	0.0199	0.00603	15.6	0.00000714	0.000174	0.000304	0.000945	0.0535	0.00000815	2.63	0.00462	3.44	0.0837	0.00136	1.63	0.00825	0.00546	0.0000942	0.000399	0.000233	0.0912	0.00000826	0.000543	0.000725	0.00283
2043 Aug	87.9	0.202	0.187	0.00429	19.1	0.0594	18.6	0.00000813	0.0184	0.0232	0.00801	0.0199	0.00601	15.6	0.00000715	0.000175	0.000304	0.000945	0.0535	0.00000817	2.63	0.00462	3.44	0.0838	0.00136	1.63	0.00824	0.00546	0.0000943	0.000399	0.000233	0.0912	0.00000827	0.000544	0.000725	0.00283
2043 Sep	87.7	0.201	0.186	0.00427	19	0.0594	18.5	0.00000812	0.0184	0.0231	0.008	0.0199	0.00597	15.6	0.00000714	0.000174	0.000304	0.000943	0.0534	0.00000816	2.62	0.0046	3.43	0.0837	0.00136	1.62	0.0082	0.00545	0.0000942	0.000398	0.000232	0.091	0.00000826	0.000543	0.000724	0.00282
2043 Oct	87.6	0.201	0.186	0.00425	19	0.0593	18.5	0.00000811	0.0184	0.023	0.00799	0.0199	0.00593	15.5	0.00000713	0.000174	0.000303	0.000942	0.0534	0.00000815	2.62	0.00459	3.43	0.0836	0.00135	1.62	0.00817	0.00545	0.0000943	0.000397	0.000232	0.0909	0.00000825	0.000542	0.000723	0.00282
2043 Nov	87.5	0.2	0.185	0.00424	19	0.0593	18.4	0.00000811	0.0184	0.0229	0.00799	0.0199	0.00592	15.5	0.00000713	0.000174	0.000303	0.000941	0.0533	0.00000815	2.62	0.00459	3.42	0.0836	0.00135	1.62	0.00816	0.00544	0.0000944	0.000397	0.000232	0.0908	0.00000825	0.000542	0.000722	0.00282
2043 Dec	87.6	0.2	0.185	0.00424	19	0.0593	18.5	0.00000811	0.0184	0.0229	0.00799	0.0199	0.00592	15.5	0.00000714	0.000174	0.000303	0.000941	0.0533	0.00000816	2.62	0.00459	3.42	0.0836	0.00135	1.62	0.00817	0.00544	0.0000945	0.000397	0.000232	0.0908	0.00000825	0.000543	0.000722	0.00282
2044 Jan	87.6	0.2	0.185	0.00423	19	0.0592	18.5	0.00000811	0.0184	0.0229	0.00799	0.0199	0.00591	15.6	0.00000714	0.000174	0.000304	0.000941	0.0533	0.00000816	2.62	0.00459	3.42	0.0836	0.00135	1.62	0.00817	0.00544	0.0000946	0.000397	0.000233	0.0908	0.00000824	0.000543	0.000722	0.00282
2044 Feb	87.6	0.2	0.185	0.00423	19	0.0592	18.5	0.00000811	0.0184	0.0229	0.00799	0.0199	0.00591	15.6	0.00000715	0.000174	0.000304	0.000941	0.0533	0.00000816	2.62	0.00459	3.42	0.0836	0.00135	1.62	0.00818	0.00543	0.0000947	0.000396	0.000233	0.0908	0.00000824	0.000543	0.000722	0.00282
2044 Mar	87.7	0.2	0.185	0.00423	19	0.0592	18.5	0.00000811	0.0184	0.0229	0.008	0.0199	0.00591	15.6	0.00000716	0.000174	0.000304	0.000941	0.0532	0.00000816	2.62	0.00459	3.42	0.0837	0.00135	1.62	0.00818	0.00543	0.0000949	0.000396	0.000234	0.0908	0.00000823	0.000544	0.000722	0.00282
2044 Apr	87.7	0.2	0.185	0.00423	19	0.0591	18.6	0.00000812	0.0183	0.0228	0.008	0.0199	0.0059	15.6	0.00000717	0.000174	0.000304	0.000941	0.0532	0.00000817	2.62	0.00459	3.42	0.0837	0.00135	1.62	0.00819	0.00543	0.000095	0.000396	0.000234	0.0908	0.00000823	0.000544	0.000722	0.00282
2044 May	87.8	0.2	0.185	0.00423	19	0.0591	18.6	0.00000812	0.0184	0.0228	0.008	0.0199	0.0059	15.6	0.00000718	0.000174	0.000304	0.000942	0.0532	0.00000817	2.62	0.00459	3.43	0.0838	0.00135	1.62	0.00819	0.00543	0.0000952	0.000396	0.000235	0.0909	0.00000823	0.000545	0.000722	0.00282
2044 Jun	87.3	0.201	0.185	0.00424	19	0.0589	18.3	0.00000808	0.0182	0.0224	0.00796	0.0198	0.00603	15.5	0.00000712	0.000172	0.000303	0.000934	0.053	0.0000081	2.6	0.00461	3.4	0.0835	0.00133	1.62	0.00806	0.00541	0.0000945	0.000391	0.000232	0.0907	0.00000819	0.000538	0.000715	0.0028
2044 Jul	87.2	0.202	0.186	0.00428	19	0.059	18.3	0.00000807	0.0182	0.0222	0.00796	0.0198	0.00615	15.5	0.00000712	0.000172	0.000303	0.000934	0.053	0.0000081	2.6	0.00464	3.39	0.0835	0.00132	1.62	0.00803	0.00541	0.0000944	0.00039	0.000231	0.0909	0.00000819	0.000538	0.000714	0.0028
2044 Aug	87.2	0.202	0.186	0.00427	19	0.059	18.3	0.00000808	0.0183	0.0222	0.00797	0.0198	0.00613	15.5	0.00000713	0.000172	0.000303	0.000934	0.053	0.00000811	2.6	0.00464	3.39	0.0836	0.00132	1.62	0.00802	0.00541	0.0000945	0.00039	0.000231	0.0909	0.0000082	0.000538	0.000714	0.0028
2044 Sep	87.1	0.202	0.185	0.00424	18.9	0.0589	18.2	0.00000807	0.0182	0.022	0.00796	0.0198	0.00608	15.4	0.00000711	0.000172	0.000302	0.000932	0.0529	0.0000081	2.6	0.00462	3.38	0.0834	0.00131	1.62	0.00799	0.0054	0.0000944	0.000389	0.000231	0.0907	0.00000819	0.000537	0.000713	0.0028
2044 Oct	86.9	0.201	0.184	0.00422	18.9	0.0589	18.2	0.00000806	0.0182	0.0219	0.00795	0.0197	0.00605	15.4	0.00000711	0.000171	0.000302	0.000931	0.0529	0.00000809	2.6	0.00461	3.37	0.0834	0.00131	1.62	0.00796	0.0054	0.0000945	0.000388	0.00023	0.0905	0.00000818	0.000536	0.000711	0.00279
2044 Nov	86.9	0.201	0.184	0.00421	18.9	0.0588	18.2	0.00000806	0.0182	0.0218	0.00795	0.0197	0.00604	15.4	0.00000711	0.000171	0.000302	0.00093	0.0529	0.00000809	2.6	0.0046	3.37	0.0833	0.00131	1.62	0.00795	0.00539	0.0000946	0.000387	0.00023	0.0905	0.00000818	0.000536	0.000711	0.00279
2044 Dec	86.9	0.201	0.184	0.00421	18.9	0.0588	18.2	0.00000806	0.0182	0.0218	0.00795	0.0197	0.00603	15.4	0.00000711	0.000171	0.000302	0.000931	0.0528	0.00000809	2.6	0.0046	3.37	0.0833	0.00131	1.62	0.00796	0.00539	0.0000947	0.000387	0.000231	0.0905	0.00000817	0.000537	0.000711	0.00279
2045 Jan	87	0.201	0.184	0.00421	18.9	0.0588	18.2	0.00000806	0.0182	0.0218	0.00795	0.0197	0.00603	15.4	0.00000712	0.000171	0.000302	0.000931	0.0528	0.00000809	2.59	0.0046	3.37	0.0834	0.00131	1.61	0.00796	0.00539	0.0000948	0.000387	0.000231	0.0905	0.00000817	0.000537	0.000711	0.00279
2045 Feb	87	0.201	0.184	0.00421	18.9	0.0587	18.3	0.00000806	0.0182	0.0218	0.00795	0.0197	0.00603	15.4	0.00000713	0.000171	0.000302	0.000931	0.0528	0.00000809	2.59	0.0046	3.37	0.0834	0.0013	1.61	0.00797	0.00538	0.0000949	0.000387	0.000232	0.0905	0.00000816	0.000537	0.00071	0.00279
2045 Mar	87.1	0.2	0.184	0.00421	18.9	0.0587	18.3	0.00000806	0.0182	0.0218	0.00795	0.0197	0.00602	15.4	0.00000714	0.000171	0.000303	0.00093	0.0528	0.0000081	2.59	0.0046	3.37	0.0834	0.0013	1.61	0.00797	0.00538	0.0000951	0.000387	0.000232	0.0905	0.00000816	0.000537	0.00071	0.00279
2045 Apr	87.1	0.2	0.183	0.0042	18.9	0.0587	18.3	0.00000807	0.0182	0.0218	0.00795	0.0197	0.00602	15.4	0.00000715	0.000171	0.000303	0.00093	0.0527	0.0000081	2.59	0.0046	3.37	0.0834	0.0013	1.61	0.00798	0.00538	0.0000952	0.000387	0.000233	0.0905	0.00000816	0.000538	0.00071	0.00279
2045 May	87.2	0.2	0.183	0.0042	18.9	0.0587	18.3	0.00000807	0.0182	0.0218	0.00796	0.0197	0.00602	15.4	0.00000716	0.000171	0.000303	0.000931	0.0527	0.0000081	2.59	0.00461	3.37	0.0835	0.0013	1.61	0.00798	0.00538	0.0000954	0.000387	0.000233	0.0906	0.00000816	0.000538	0.000711	0.00279
2045 Jun	86.7	0.201	0.184	0.00421	18.9	0.0585	18.1	0.00000803	0.0181	0.0213	0.00793	0.0196	0.00613	15.3	0.00000711	0.00017	0.000301	0.000924	0.0525	0.00000805	2.58	0.00462	3.34	0.0833	0.00128	1.61	0.00785	0.00536	0.0000947	0.000383	0.00023	0.0904	0.00000813	0.000533	0.000705	0.00277
2045 Jul	86.6	0.202	0.185	0.00424	18.9	0.0586	18	0.00000803	0.0181	0.0212	0.00793	0.0196	0.00623	15.3	0.0000071	0.00017	0.000301	0.000923	0.0525	0.00000806	2.58	0.00465	3.34	0.0832	0.00128	1.62	0.00782	0.00536	0.0000947	0.000382	0.00023	0.0905	0.00000814	0.000533	0.000704	0.00277
2045 Aug	86.6	0.202	0.184	0.00424	18.9	0.0586	18	0.00000804	0.0181	0.0211	0.00793	0.0196	0.00622	15.3	0.00000711	0.00017	0.000301	0.000924	0.0525	0.00000807	2.58	0.00465	3.34	0.0833	0.00128	1.62	0.00782	0.00536	0.0000948	0.000382	0.00023	0.0905	0.00000814	0.000534	0.000705	0.00278
2045 Sep	86.4	0.202	0.183	0.00421	18.8	0.0585	18	0.00000803	0.0181	0.021	0.00792	0.0196	0.00617	15.3	0.0000071	0.00017	0.000301	0.000922	0.0525	0.00000806	2.58	0.00463	3.33	0.0832	0.00127	1.61	0.00778	0.00535	0.0000946	0.000381	0.000229	0.0903	0.00000813	0.000533	0.000703	0.00277
2045 Oct	86.3	0.201	0.183	0.00419	18.8	0.0585	17.9	0.00000802	0.0181	0.0209	0.00791	0.0196	0.00614	15.3	0.00000709	0.000169	0.000301	0.000921	0.0524	0.00000805	2.58	0.00462	3.32	0.0831	0.00127	1.61	0.00776	0.00535	0.0000947	0.00038	0.000229	0.0901	0.00000812	0.000532	0.000701	0.00277
2045 Nov	86.3	0.201	0.182	0.00418	18.8	0.0584	17.9	0.00000802	0.0181	0.0208	0.00791	0.0196	0.00612	15.2	0.00000709	0.000169	0.000301	0.00092	0.0524	0.00000804	2.57	0.00461	3.32	0.0831	0.00127	1.61	0.00775	0.00535	0.0000948	0.00038	0.000229	0.0901	0.00000812	0.000532	0.000701	0.00277
2045 Dec	86.3	0.201	0.182	0.00418	18.8	0.0584	17.9	0.00000802	0.0181	0.0208	0.00791	0.0196	0.00612	15.3	0.0000071	0.000169	0.000301	0.00092	0.0524	0.00000805	2.57	0.00461	3.32	0.0831	0.00127	1.61	0.00775	0.00534	0.0000949	0.00038	0.000229	0.0901	0.00000811	0.000532	0.000701	0.00276
2046 Jan	86.4	0.201	0.182	0.00418	18.8	0.0584	18	0.00000802	0.0181	0.0208	0.00791	0.0196	0.00611	15.3	0.0000071	0.000169	0.000301	0.00092	0.0523	0.00000805	2.57	0.00461	3.32	0.0831	0.00126	1.61	0.00776	0.00534	0.0000951	0.000379	0.00023	0.0901	0.00000811	0.000533	0.000701	0.00276
2046 Feb	86.4	0.201	0.182	0.00417	18.8	0.0583	18	0.00000802	0.0181	0.0208	0.00791	0.0196	0.00611	15.3	0.00000711	0.000169	0.000301	0.00092	0.0523	0.00000805	2.57	0.00461	3.32	0.0832	0.00126	1.61	0.00776	0.00534	0.0000952	0.000379	0.00023	0.0901	0.00000811	0.000533	0.000701	0.00276
2046 Mar	86.4	0.201	0.182	0.00417	18.8	0.0583	18	0.00000802	0.0181	0.0208	0.00791	0.0196	0.00611	15.3	0.00000712	0.000169	0.000301	0.00092	0.0523	0.00000805	2.57	0.00461	3.32	0.0832	0.00126	1.61	0.00777	0.00533	0.0000953	0.000379	0.000231	0.0901	0.0000081	0.000533	0.000701	0.00276
2046 Apr	86.5	0.201	0.182	0.00417	18.8	0.0583	18	0.00000802	0.0181	0.0208	0.00792	0.0196	0.0061	15.3	0.00000713	0.000169	0.000301	0.00092	0.0523	0.00000805	2.57	0.00461	3.32	0.0832	0.00126	1.61	0.00777	0.00533	0.0000954	0.000379	0.000231	0.0901	0.0000081	0.000534	0.000701	0.00276
2046 May	86.6	0.201	0.182	0.00417	18.9	0.0583	18.1	0.00000803	0.0181	0.0208	0.00792	0.0196	0.0061	15.3	0.00000714	0.000169	0.000302	0.000921	0.0523	0.00000806	2.57	0.00462	3.32	0.0833	0.00126	1.61	0.00778	0.00533	0.0000956	0.000379	0.000232	0.0902	0.0000081	0.000534	0.000701	0.00276

Appendix C17: Whale Tail North Basin

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2046 Jun	86.1	0.201	0.182	0.00418	18.8	0.0581	17.8	0.00000799	0.018	0.0203	0.00788	0.0195	0.0062	15.2	0.00000708	0.000167	0.0003	0.000914	0.0521	0.000008	2.56	0.00463	3.29	0.083	0.00124	1.61	0.00765	0.00531	0.0000949	0.000374	0.000229	0.09	0.00000807	0.000528	0.000694	0.00275
2046 Jul	86	0.202	0.183	0.00421	18.8	0.0581	17.8	0.00000799	0.018	0.0202	0.00789	0.0195	0.0063	15.2	0.00000708	0.000168	0.0003	0.000913	0.0521	0.00000801	2.56	0.00465	3.29	0.083	0.00124	1.61	0.00762	0.00532	0.0000949	0.000374	0.000228	0.0901	0.00000807	0.000528	0.000694	0.00275
2046 Aug	86	0.202	0.183	0.0042	18.8	0.0582	17.8	0.000008	0.018	0.0201	0.00789	0.0195	0.00628	15.2	0.00000709	0.000168	0.0003	0.000914	0.0521	0.00000802	2.56	0.00465	3.29	0.0831	0.00124	1.61	0.00762	0.00532	0.000095	0.000374	0.000228	0.0901	0.00000808	0.000529	0.000695	0.00275
2046 Sep	85.8	0.202	0.182	0.00417	18.7	0.0581	17.7	0.00000798	0.018	0.02	0.00788	0.0195	0.00623	15.1	0.00000708	0.000167	0.0003	0.000912	0.052	0.00000801	2.56	0.00463	3.28	0.083	0.00123	1.61	0.00759	0.00531	0.0000949	0.000373	0.000228	0.0899	0.00000807	0.000528	0.000693	0.00275
2046 Oct	85.7	0.201	0.181	0.00415	18.7	0.0581	17.7	0.00000798	0.018	0.0199	0.00787	0.0194	0.0062	15.1	0.00000707	0.000167	0.000299	0.000911	0.052	0.000008	2.56	0.00462	3.27	0.0829	0.00123	1.61	0.00756	0.0053	0.0000949	0.000372	0.000227	0.0897	0.00000807	0.000528	0.000692	0.00274
2046 Nov	85.7	0.201	0.181	0.00414	18.7	0.058	17.7	0.00000798	0.018	0.0198	0.00787	0.0194	0.00618	15.1	0.00000707	0.000167	0.000299	0.000911	0.0519	0.000008	2.55	0.00462	3.27	0.0829	0.00123	1.6	0.00755	0.0053	0.0000951	0.000372	0.000228	0.0897	0.00000806	0.000528	0.000691	0.00274
2046 Dec	85.7	0.201	0.18	0.00414	18.7	0.058	17.7	0.00000798	0.018	0.0198	0.00787	0.0194	0.00618	15.1	0.00000708	0.000167	0.000299	0.000911	0.0519	0.00000801	2.55	0.00462	3.27	0.0829	0.00123	1.6	0.00756	0.0053	0.0000952	0.000372	0.000228	0.0897	0.00000806	0.000528	0.000692	0.00274
2047 Jan	85.8	0.201	0.18	0.00414	18.7	0.058	17.7	0.00000798	0.018	0.0198	0.00787	0.0194	0.00618	15.1	0.00000709	0.000167	0.0003	0.000911	0.0519	0.00000801	2.55	0.00462	3.27	0.0829	0.00123	1.6	0.00756	0.00529	0.0000953	0.000372	0.000228	0.0897	0.00000806	0.000529	0.000692	0.00274
2047 Feb	85.8	0.201	0.18	0.00414	18.7	0.0579	17.8	0.00000798	0.018	0.0198	0.00788	0.0194	0.00617	15.1	0.0000071	0.000167	0.0003	0.000911	0.0519	0.00000801	2.55	0.00462	3.27	0.0829	0.00123	1.6	0.00757	0.00529	0.0000954	0.000372	0.000229	0.0897	0.00000805	0.000529	0.000691	0.00274
2047 Mar	85.8	0.201	0.18	0.00413	18.7	0.0579	17.8	0.00000798	0.018	0.0198	0.00788	0.0194	0.00617	15.1	0.0000071	0.000167	0.0003	0.000911	0.0518	0.00000802	2.55	0.00462	3.27	0.083	0.00123	1.6	0.00757	0.00529	0.0000955	0.000372	0.000229	0.0897	0.00000805	0.000529	0.000691	0.00274
2047 Apr	85.9	0.201	0.18	0.00413	18.7	0.0579	17.8	0.00000799	0.018	0.0198	0.00788	0.0194	0.00617	15.1	0.00000711	0.000167	0.0003	0.000911	0.0518	0.00000802	2.55	0.00462	3.27	0.083	0.00123	1.6	0.00758	0.00529	0.0000957	0.000372	0.00023	0.0897	0.00000804	0.00053	0.000691	0.00274
2047 May	86	0.201	0.18	0.00413	18.8	0.0579	17.8	0.00000799	0.018	0.0198	0.00789	0.0194	0.00617	15.2	0.00000712	0.000167	0.0003	0.000911	0.0518	0.00000802	2.55	0.00462	3.28	0.0831	0.00123	1.6	0.00759	0.00528	0.0000958	0.000372	0.00023	0.0898	0.00000804	0.00053	0.000692	0.00274
2047 Jun	85.5	0.201	0.18	0.00413	18.7	0.0577	17.6	0.00000795	0.0179	0.0194	0.00785	0.0193	0.00624	15	0.00000707	0.000165	0.000299	0.000904	0.0516	0.00000796	2.54	0.00463	3.25	0.0828	0.00121	1.6	0.00746	0.00527	0.0000952	0.000367	0.000227	0.0895	0.00000801	0.000524	0.000685	0.00272
2047 Jul	85.4	0.202	0.181	0.00416	18.7	0.0578	17.5	0.00000795	0.0179	0.0192	0.00785	0.0193	0.00634	15	0.00000706	0.000165	0.000299	0.000904	0.0516	0.00000796	2.54	0.00465	3.24	0.0828	0.0012	1.6	0.00744	0.00527	0.0000951	0.000367	0.000227	0.0897	0.00000802	0.000524	0.000685	0.00272
2047 Aug	85.4	0.202	0.181	0.00415	18.7	0.0578	17.5	0.00000796	0.0179	0.0192	0.00785	0.0194	0.00632	15	0.00000707	0.000166	0.000299	0.000904	0.0516	0.00000798	2.54	0.00465	3.24	0.0829	0.0012	1.6	0.00743	0.00527	0.0000952	0.000367	0.000227	0.0897	0.00000802	0.000525	0.000685	0.00273
2047 Sep	85.3	0.202	0.18	0.00413	18.6	0.0577	17.5	0.00000794	0.0179	0.0191	0.00784	0.0193	0.00627	15	0.00000706	0.000165	0.000298	0.000903	0.0516	0.00000796	2.54	0.00463	3.23	0.0828	0.0012	1.6	0.0074	0.00526	0.0000951	0.000366	0.000226	0.0895	0.00000801	0.000524	0.000683	0.00272
2047 Oct	85.2	0.201	0.179	0.00411	18.6	0.0577	17.5	0.00000794	0.0179	0.019	0.00783	0.0193	0.00624	15	0.00000705	0.000165	0.000298	0.000902	0.0515	0.00000795	2.54	0.00462	3.23	0.0827	0.00119	1.6	0.00738	0.00526	0.0000951	0.000365	0.000226	0.0893	0.000008	0.000523	0.000682	0.00272
2047 Nov	85.1	0.201	0.179	0.0041	18.6	0.0576	17.5	0.00000793	0.0178	0.0189	0.00783	0.0193	0.00622	15	0.00000705	0.000165	0.000298	0.000901	0.0515	0.00000795	2.53	0.00461	3.23	0.0826	0.00119	1.6	0.00737	0.00526	0.0000953	0.000364	0.000226	0.0893	0.000008	0.000523	0.000682	0.00272
2047 Dec	85.2	0.201	0.178	0.0041	18.6	0.0576	17.5	0.00000794	0.0178	0.0189	0.00783	0.0193	0.00622	15	0.00000706	0.000165	0.000298	0.000901	0.0515	0.00000795	2.53	0.00461	3.23	0.0827	0.00119	1.6	0.00738	0.00525	0.0000954	0.000364	0.000227	0.0893	0.000008	0.000523	0.000682	0.00272
2048 Jan	85.2	0.201	0.178	0.0041	18.6	0.0576	17.5	0.00000794	0.0178	0.0189	0.00784	0.0193	0.00622	15	0.00000707	0.000165	0.000298	0.000901	0.0514	0.00000795	2.53	0.00461	3.23	0.0827	0.00119	1.6	0.00738	0.00525	0.0000955	0.000364	0.000227	0.0893	0.00000799	0.000524	0.000682	0.00272
2048 Feb	85.2	0.201	0.178	0.00409	18.6	0.0576	17.5	0.00000794	0.0178	0.0189	0.00784	0.0193	0.00621	15	0.00000707	0.000165	0.000299	0.000901	0.0514	0.00000796	2.53	0.00462	3.23	0.0827	0.00119	1.6	0.00739	0.00525	0.0000956	0.000364	0.000227	0.0893	0.00000799	0.000524	0.000681	0.00271
2048 Mar	85.3	0.201	0.178	0.00409	18.6	0.0575	17.5	0.00000794	0.0178	0.0189	0.00784	0.0193	0.00621	15	0.00000708	0.000164	0.000299	0.000901	0.0514	0.00000796	2.53	0.00462	3.23	0.0827	0.00119	1.6	0.00739	0.00524	0.0000957	0.000364	0.000228	0.0893	0.00000798	0.000524	0.000681	0.00271
2048 Apr	85.3	0.201	0.178	0.00409	18.7	0.0575	17.6	0.00000794	0.0178	0.0189	0.00784	0.0193	0.00621	15	0.00000709	0.000164	0.000299	0.000901	0.0514	0.00000796	2.53	0.00462	3.23	0.0828	0.00119	1.6	0.0074	0.00524	0.0000959	0.000364	0.000228	0.0893	0.00000798	0.000524	0.000681	0.00271
2048 May	85.4	0.201	0.178	0.00409	18.7	0.0575	17.6	0.00000795	0.0178	0.0189	0.00785	0.0193	0.00621	15	0.0000071	0.000164	0.000299	0.000902	0.0514	0.00000797	2.53	0.00462	3.23	0.0829	0.00119	1.6	0.00741	0.00524	0.000096	0.000364	0.000229	0.0894	0.00000798	0.000525	0.000682	0.00271
2048 Jun	84.9	0.201	0.178	0.00408	18.6	0.0574	17.4	0.00000791	0.0178	0.0185	0.00781	0.0192	0.00626	14.9	0.00000705	0.000163	0.000298	0.000895	0.0512	0.00000792	2.52	0.00462	3.2	0.0826	0.00117	1.59	0.00728	0.00523	0.0000954	0.00036	0.000226	0.0891	0.00000796	0.00052	0.000676	0.0027
2048 Jul	84.8	0.202	0.179	0.00411	18.6	0.0574	17.3	0.00000791	0.0178	0.0183	0.00781	0.0192	0.00634	14.9	0.00000704	0.000164	0.000297	0.000895	0.0512	0.00000793	2.52	0.00464	3.2	0.0825	0.00117	1.6	0.00725	0.00523	0.0000953	0.00036	0.000225	0.0892	0.00000797	0.00052	0.000676	0.0027
2048 Aug	84.8	0.202	0.178	0.0041	18.6	0.0574	17.3	0.00000792	0.0178	0.0183	0.00782	0.0192	0.00633	14.9	0.00000705	0.000164	0.000297	0.000895	0.0512	0.00000794	2.52	0.00464	3.2	0.0826	0.00117	1.6	0.00725	0.00523	0.0000954	0.00036	0.000226	0.0892	0.00000797	0.000521	0.000676	0.0027
2048 Sep	84.6	0.201	0.177	0.00407	18.5	0.0574	17.2	0.0000079	0.0178	0.0182	0.0078	0.0192	0.00628	14.9	0.00000703	0.000163	0.000297	0.000893	0.0511	0.00000792	2.52	0.00462	3.19	0.0825	0.00116	1.59	0.00721	0.00522	0.0000952	0.000359	0.000225	0.089	0.00000796	0.00052	0.000675	0.0027
2048 Oct	84.5	0.201	0.176	0.00405	18.5	0.0573	17.2	0.0000079	0.0178	0.0181	0.0078	0.0192	0.00624	14.8	0.00000703	0.000163	0.000297	0.000892	0.0511	0.00000791	2.52	0.00461	3.18	0.0824	0.00116	1.59	0.00719	0.00522	0.0000953	0.000358	0.000225	0.0888	0.00000795	0.000519	0.000673	0.00269
2048 Nov	84.5	0.201	0.176	0.00404	18.5	0.0573	17.2	0.0000079	0.0178	0.018	0.0078	0.0192	0.00622	14.8	0.00000703	0.000163	0.000297	0.000892	0.0511	0.00000792	2.51	0.0046	3.18	0.0824	0.00115	1.59	0.00719	0.00521	0.0000954	0.000358	0.000225	0.0888	0.00000795	0.000519	0.000673	0.00269
2048 Dec	84.5	0.201	0.176	0.00404	18.5	0.0573	17.2	0.0000079	0.0178	0.018	0.0078	0.0192	0.00622	14.8	0.00000704	0.000163	0.000297	0.000892	0.051	0.00000792	2.51	0.0046	3.18	0.0824	0.00115	1.59	0.00719	0.00521	0.0000955	0.000358	0.000225	0.0888	0.00000795	0.00052	0.000673	0.00269
2049 Jan	84.6	0.2	0.176	0.00404	18.5	0.0572	17.3	0.0000079	0.0178	0.018	0.0078	0.0191	0.00622	14.8	0.00000705	0.000163	0.000297	0.000892	0.051	0.00000793	2.51	0.0046	3.18	0.0824	0.00115	1.59	0.00719	0.00521	0.0000957	0.000358	0.000226	0.0888	0.00000795	0.00052	0.000673	0.00269
2049 Feb	84.6	0.2	0.176	0.00404	18.5	0.0572	17.3	0.0000079	0.0178	0.018	0.0078	0.0191	0.00621	14.8	0.00000705	0.000163	0.000297	0.000892	0.051	0.00000793	2.51	0.0046	3.18	0.0824	0.00115	1.59	0.0072	0.0052	0.0000958	0.000358	0.000226	0.0888	0.00000794	0.000521	0.000673	0.00269
2049 Mar	84.6	0.2	0.176	0.00403	18.5	0.0572	17.3	0.0000079	0.0178	0.018	0.0078	0.0191	0.00621	14.9	0.00000706	0.000163	0.000297	0.000892	0.051	0.00000793	2.51	0.0046	3.18	0.0825	0.00115	1.59	0.0072	0.0052	0.0000959	0.000357	0.000227	0.0888	0.00000794	0.000521	0.000673	0.00269
2049 Apr	84.7	0.2	0.176	0.00403	18.5	0.0571	17.3	0.00000791	0.0178	0.018	0.0078	0.0191	0.00621	14.9	0.00000707	0.000163	0.000298	0.000892	0.051	0.00000793	2.51	0.0046	3.18	0.0825	0.00115	1.59	0.00721	0.0052	0.000096	0.000357	0.000227	0.0888	0.00000794	0.000521	0.000673	0.00269
2049 May	84.8	0.2	0.176	0.00403	18.6	0.0571	17.4	0.00000791	0.0178	0.018	0.00781	0.0191	0.00621	14.9	0.00000708	0.000163	0.000298	0.000892	0.051	0.00000794	2.51	0.0046	3.18	0.0826	0.00115	1.59	0.00722	0.0052	0.0000962	0.000357	0.000228	0.0889	0.00000794	0.000522	0.000674	0.00269
2049 Jun	84.3	0.201	0.176	0.00405	18.5	0.057	17.1	0.00000788	0.0177	0.0176	0.00778	0.0191	0.00632	14.8	0.00000703	0.000162	0.000296	0.000886	0.0508	0.00000789	2.5	0.00462	3.16	0.0823	0.00114	1.59	0.0071	0.00519	0.0000955	0.000354	0.000225	0.0887	0.00000791	0.000517	0.000668	0.00268
2049 Jul	84.2	0.202	0.177	0.00408	18.5	0.0571	17.1	0.00000788	0.0178	0.0175	0.00778	0.0191	0.00641	14.8	0.00000703	0.000162	0.000296	0.000886	0.0508	0.0000079	2.5	0.00465	3.15	0.0823	0.00113	1.59	0.00708	0.00519	0.0000955	0.000354	0.000224	0.0888	0.00000793	0.000518	0.000668	0.00268
2049 Aug	84.2	0.202	0.177	0.00407	18.5	0.0571	17.1	0.00000788	0.0178	0.0174	0.00779	0.0191	0.00639	14.8	0.00000704	0.000162	0.000296	0.000886	0.0508	0.00000792	2.5	0.00464	3.15	0.0824	0.00113	1.59	0.00707	0.00519	0.0000955	0.000354	0.000224	0.0888	0.00000793	0.000519	0.000669	0.00268
2049 Sep	84.1	0.201	0.176	0.00404	18.4	0.057	17	0.00000787	0.0178	0.0173	0.00777	0.0191	0.00634	14.7	0.00000702	0.000162	0.000296	0.000885	0.0507	0.00000791	2.5	0.00462	3.14	0.0823	0.00113	1.59	0.00704	0.00518	0.0000954	0.000353	0.000224	0.0886	0.00000793	0.000517	0.000667	0.00268
2049 Oct	84	0.201	0.175	0.00402	18.4	0.057	17	0.00000787	0.0177	0.0172	0.00777	0.019	0.00631	14.7	0.00000701	0.000162	0.000295	0.000884	0.0507	0.0000079	2.5	0.00461	3.14	0.0822	0.00112	1.59	0.00702	0.00518	0.0000955	0.000352	0.000223	0.0884	0.00000792	0.000517	0.000666	0.00268
2049 Nov	83.9	0.201	0.175	0.00401	18.4	0.0569	17	0.00000787	0.0177	0.0172	0.00777	0.019	0.00629	14.7	0.00000702	0.000161	0.000295	0.000883	0.0507	0.0000079	2.5	0.00461	3.14	0.0822	0.00112	1.58	0.00701	0.00517	0.0000956	0.000352	0.000223	0.0884	0.00000791	0.000517	0.000666	0.00267
2049 Dec	84	0.201	0.175	0.00401	18.4	0.0569	17	0.00000787	0.0177	0.0171	0.00777	0.019	0.00629	14.7	0.00000702	0.000161	0.000296	0.000883	0.0506	0.0000079	2.5	0.00461	3.14	0.0822	0.00112	1.58	0.00702	0.00517	0.0000957	0.000352	0.000224	0.0884	0.00000791	0.000517	0.000666	0.00267
2050 Jan	84	0.2	0.174	0.00401	18.4	0.0569	17	0.00000787	0.0177	0.0171	0.00777	0.019	0.00628	14.7	0.00000703	0.000161	0.000296	0.000883	0.0506	0.0000079	2.5	0.00461	3.14	0.0822	0.00112	1.58	0.00702	0.00517	0.0000958	0.000352	0.000224	0.0884	0.00000791	0.000518	0.000666	0.00267
2050 Feb	84	0.2	0.174	0.00401	18.4	0.0569	17.1	0.00000787	0.0177	0.0171	0.00777	0.019	0.00628	14.7	0.00000704	0.000161	0.000296	0.000883	0.0506	0.00000791	2.5	0.00461	3.14	0.0822	0.00112	1.58	0.00703	0.00516	0.0000959	0.000352	0.000225	0.0884	0.0000079	0.000518	0.000666	0.00267
2050 Mar	84.1	0.2	0.174	0.004	18.4	0.0568	17.1	0.00000787	0.0177	0.0171	0.00777	0.019	0.00628	14.7	0.00000705	0.000161	0.000296	0.000883	0.0506	0.00000791	2.5	0.00461	3.14	0.0823	0.00112	1.58	0.00703	0.00516	0.0000961	0.000351	0.000225	0.0884	0.0000079	0.000518	0.000666	0.00267
2050 Apr	84.1	0.2	0.174	0.004	18.5	0.0568	17.1	0.00000787	0.0177	0.0171	0.00777	0.019	0.00627	14.7	0.00000705	0.000161	0.000296	0.000883	0.0505	0.00000791	2.5	0.00461	3.14	0.0823	0.00112	1.58	0.00704	0.00516	0.0000962	0.000351	0.000226	0.0884	0.0000079	0.000519	0.000666	0.00267
2050 May	84.2	0.2	0.174	0.004	18.5	0.0568	17.1	0.00000788	0.0177	0.0171	0.00778	0.019	0.00627	14.8	0.00000707	0.000161	0.000297	0.000884	0.0505	0.00000791	2.5	0.00461	3.14	0.0824	0.00112	1.58	0.00705	0.00516	0.0000963	0.000351	0.000226	0.0885	0.0000079	0.000519	0.000666	0.00267
2050 Jun	83.7	0.201	0.174	0.004	18.4	0.0566	16.9	0.00000784	0.0176	0.0167	0.00774	0.0189	0.00633	14.6	0.00000701	0.00016	0.000295	0.000878	0.0504	0.00000785	2.48	0.00461	3.12	0.0821	0.0011	1.58	0.00693	0.00515	0.0000956	0.000347	0.000223	0.0882	0.00000786	0.000513	0.00066	0.00266
2050 Jul	83.7	0.202	0.175	0.00402	18.4	0.0567	16.9	0.00000784	0.0176	0.0166	0.00774	0.0189	0.0064	14.6	0.000007	0.00016	0.000295	0.000877	0.0504	0.00000785	2.48	0.00463	3.11	0.0821	0.0011	1.58	0.00691	0.00515	0.0000956	0.000347	0.000223	0.0883	0.00000787	0.000513	0.000659	0.00266
2050 Aug	83.7	0.202	0.174	0.00401	18.4	0.0567	16.9	0.00000785	0.0177	0.0166	0.00775	0.019	0.00639	14.6	0.00000701	0.00016	0.000295	0.000878	0.0504	0.00000787	2.49	0.00463	3.11	0.0822	0.0011	1.58	0.00691	0.00515	0.0000957	0.000347	0.000223	0.0883	0.00000788	0.000514	0.00066	0.00266
2050 Sep	83.5	0.201	0.174	0.00399	18.4	0.0567	16.8	0.00000783	0.0176	0.0165	0.00774	0.0189	0.00634	14.6	0.000007	0.00016	0.000295	0.000877	0.0503	0.00000786	2.48	0.00461	3.1	0.0821	0.00109	1.58	0.00688	0.00514	0.0000955	0.000346	0.000222	0.0881	0.00000787	0.000513	0.000659	0.00266
2050 Oct	83.4	0.201	0.173	0.00397	18.3	0.0566	16.8	0.00000783	0.0176	0.0164	0.00773	0.0189	0.0063	14.6	0.00000699	0.00016	0.000294	0.000875	0.0503	0.00000785	2.48	0.0046	3.1	0.082	0.00109	1.58	0.00686	0.00514	0.0000956	0.000345	0.000222	0.088	0.00000786	0.000512	0.000657	0.00265
2050 Nov	83.4	0.2	0.173	0.00396	18.3	0.0566	16.8	0.00000783	0.0176	0.0164	0.00773	0.0189	0.00629	14.6	0.00000699	0.000159	0.000294	0.000875	0.0503	0.00000784	2.48	0.00459	3.1	0.0819	0.00109	1.58	0.00685	0.00513	0.0000957	0.000345	0.000222	0.088	0.00000786	0.000512	0.000657	0.00265
2050 Dec	83.4	0.2	0.172	0.00396	18.3	0.0566	16.8	0.00000783	0.0176	0.0164	0.00773	0.0189	0.00628	14.6	0.000007	0.000159	0.000294	0.000875	0.0503	0.00000785	2.48	0.00459	3.1	0.082	0.00109	1.58	0.00686	0.00513	0.0000958	0.000345	0.000223	0.088	0.00000785	0.000513	0.000657	0.00265
2051 Jan	83.5	0.2	0.172	0.00396	18.3	0.0565	16.8	0.00000783	0.0176	0.0163	0.00773	0.0189	0.00628	14.6	0.00000701	0.000159	0.000295	0.000875	0.0502	0.00000785	2.48	0.00459	3.1	0.082	0.00109	1.58	0.00686	0.00513	0.000096	0.000345	0.000223	0.088	0.00000785	0.000513	0.000657	0.00265
2051 Feb	83.5	0.2	0.172	0.00395	18.3	0.0565	16.8	0.00000783	0.0176	0.0163	0.00773	0.0189	0.00628	14.6	0.00000701	0.000159	0.000295	0.000875	0.0502	0.00000785	2.48	0.00459	3.1	0.082	0.00109	1.58	0.00687	0.00513	0.0000961	0.000345	0.000223	0.088	0.00000785	0.000513	0.000657	0.00265
2051 Mar	83.6	0.2	0.172	0.00395	18.4	0.0565	16.9	0.00000783	0.0176	0.0163	0.00773	0.0189	0.00627	14.6	0.00000702	0.000159	0.000295	0.000875	0.0502	0.00000785	2.48	0.00459	3.1	0.082	0.00109	1.58	0.00687	0.00512	0.0000962	0.000344	0.000224	0.088	0.00000784	0.000514	0.000657	0.00265
2051 Apr	83.6	0.2	0.172	0.00395	18.4	0.0565	16.9	0.00000783	0.0176	0.0163	0.00774	0.0189	0.00627	14.6	0.00000703	0.000159	0.000295	0.000875	0.0502	0.00000786	2.48	0.0046	3.1	0.0821	0.00109	1.58	0.00688	0.00512	0.0000963	0.000344	0.000224	0.088	0.00000784	0.000514	0.000657	0.00265
2051 May	83.7	0.2	0.172	0.00395	18.4	0.0565	16.9	0.00000784	0.0176	0.0163	0.00774	0.0189	0.00627	14.6	0.00000704	0.000159	0.000295	0.000876	0.0502	0.00000786	2.48	0.0046	3.1	0.0822	0.00109	1.58	0.00689	0.00512	0.0000965	0.000344	0.000225	0.0881	0.00000784	0.000514	0.000657	0.00265
2051 Jun	83.2	0.2	0.172	0.00394	18.3	0.0563	16.7	0.00000781	0.0176	0.016	0.00771	0.0188	0.00631	14.5	0.00000699	0.000158	0.000294	0.00087	0.05	0.00000782	2.47	0.00459	3.08	0.0819	0.00107	1.57	0.00678	0.00511	0.0000958	0.000341	0.000222	0.0878	0.00000782	0.00051	0.000653	0.00264
2051 Jul	83.1	0.201	0.172	0.00396	18.3	0.0564	16.7	0.00000781	0.0176	0.0159	0.00771	0.0188	0.00637	14.5	0.00000699	0.000158	0.000294	0.000869	0.05	0.00000783	2.47	0.00461	3.07	0.0819	0.00107	1.58	0.00675	0.00511	0.0000957	0.000341	0.000222	0.0878	0.00000783	0.00051	0.000652	0.00264
2051 Aug	83.2	0.201	0.172	0.00395	18.3	0.0564	16.7	0.00000781	0.0176	0.0158	0.00772	0.0188	0.00635	14.5	0.00000699	0.000159	0.000294	0.00087	0.05	0.00000784	2.47	0.00461	3.07	0.082	0.00107	1.58	0.00675	0.00511	0.0000958	0.000341	0.000222	0.0878	0.00000784	0.000511	0.000653	0.00264
2051 Sep	83	0.2	0.171	0.00393	18.3	0.0564	16.6	0.00000781	0.0176	0.0157	0.00771	0.0188	0.00631	14.5	0.00000698	0.000158	0.000293	0.000869	0.05	0.00000783	2.47	0.00459	3.07	0.0819	0.00106	1.57	0.00673	0.00511	0.0000957	0.00034	0.000221	0.0877	0.00000783	0.00051	0.000652	0.00264
2051 Oct	82.9	0.2	0.17	0.00391	18.2	0.0563	16.6	0.0000078	0.0176	0.0157	0.0077	0.0188	0.00627	14.5	0.00000697	0.000158	0.000293	0.000868	0.0499	0.00000782	2.46	0.00458	3.06	0.0818	0.00106	1.57	0.00671	0.0051	0.0000958	0.00034	0.000221	0.0875	0.00000782	0.000509	0.00065	0.00264
2051 Nov	82.9	0.2	0.17	0.0039	18.2	0.0563	16.6	0.0000078	0.0176	0.0156	0.0077	0.0188	0.00626	14.5	0.00000698	0.000158	0.000293	0.000867	0.0499	0.00000782	2.46	0.00457	3.06	0.0818	0.00106	1.57	0.0067	0.0051	0.0000959	0.000339	0.000221	0.0875	0.00000782	0.000509	0.00065	0.00263
2051 Dec	82.9	0.2	0.17	0.0039	18.2	0.0563	16.6	0.0000078	0.0176	0.0156	0.0077	0.0188	0.00625	14.5	0.00000698	0.000158	0.000293	0.000868	0.0499	0.00000783	2.46	0.00457	3.06	0.0818	0.00106	1.57	0.00671	0.00509	0.000096	0.000339	0.000222	0.0875	0.00000782	0.00051	0.00065	0.00263
2052 Jan	83	0.2	0.17	0.0039	18.2	0.0562	16.6	0.0000078	0.0176	0.0156	0.0077	0.0188	0.00625	14.5	0.00000699	0.000158	0.000293	0.000868	0.0499	0.00000783	2.46	0.00457	3.06	0.0818	0.00106	1.57	0.00671	0.00509	0.0000961	0.000339	0.000222	0.0875	0.00000781	0.00051	0.00065	0.00263
2052 Feb	83	0.199	0.17	0.0039	18.2	0.0562	16.7	0.0000078	0.0176	0.0156	0.0077	0.0188	0.00625	14.5	0.000007	0.000158	0.000294	0.000868	0.0498	0.00000783	2.46	0.00457	3.06	0.0818	0.00106	1.57	0.00672	0.00509	0.0000963	0.000339	0.000222	0.0875	0.00000781	0.000511	0.00065	0.00263
2052 Mar	83.1	0.199	0.17	0.00389	18.3	0.0562	16.7	0.0000078	0.0176	0.0156	0.00771	0.0188	0.00624	14.5	0.00000701	0.000158	0.000294	0.000868	0.0498	0.00000783	2.46	0.00457	3.06	0.0818	0.00106	1.57	0.00672	0.00509	0.0000964	0.000339	0.000223	0.0875	0.0000078	0.000511	0.00065	0.00263
2052 Apr	83.1	0.199	0.17	0.00389	18.3	0.0562	16.7	0.00000781	0.0176	0.0156	0.00771	0.0188	0.00624	14.5	0.00000702	0.000158	0.000294	0.000868	0.0498	0.00000783	2.46	0.00458	3.06	0.0819	0.00106	1.57	0.00673	0.00508	0.0000965	0.000339	0.000223	0.0875	0.0000078	0.000511	0.00065	0.00263
2052 May	83.2	0.199	0.17	0.00389	18.3	0.0562	16.7	0.00000781	0.0176	0.0156	0.00771	0.0188	0.00624	14.5	0.00000703	0.000158	0.000294	0.000868	0.0498	0.00000784	2.46	0.00458	3.06	0.082	0.00106	1.57	0.00674	0.00508	0.0000967	0.000339	0.000224	0.0876	0.0000078	0.000512	0.00065	0.00263
2052 Jun	82.7	0.2	0.169	0.00388	18.2	0.056	16.5	0.00000777	0.0174	0.0152	0.00768	0.0187	0.00627	14.4	0.00000697	0.000156	0.000293	0.000862	0.0497	0.00000777	2.45	0.00457	3.04	0.0817	0.00104	1.57	0.00663	0.00507	0.0000959	0.000335	0.000221	0.0873	0.00000777	0.000506	0.000644	0.00262
2052 Jul	82.7	0.2	0.17	0.0039	18.2	0.0561	16.5	0.00000777	0.0175	0.0151	0.00768	0.0187	0.00633	14.4	0.00000696	0.000156	0.000293	0.000862	0.0497	0.00000778	2.45	0.00459	3.04	0.0817	0.00104	1.57	0.00661	0.00508	0.0000959	0.000334	0.00022	0.0874	0.00000777	0.000506	0.000644	0.00262
2052 Aug	82.7	0.2	0.169	0.00389	18.2	0.0561	16.5	0.00000778	0.0175	0.0151	0.00768	0.0187	0.00631	14.4	0.00000697	0.000157	0.000293	0.000863	0.0497	0.00000779	2.45	0.00458	3.04	0.0818	0.00104	1.57	0.00661	0.00508	0.000096	0.000335	0.000221	0.0874	0.00000778	0.000507	0.000645	0.00262
2052 Sep	82.5	0.2	0.169	0.00387	18.2	0.056	16.4	0.00000777	0.0175	0.015	0.00767	0.0187	0.00626	14.4	0.00000696	0.000156	0.000292	0.000861	0.0496	0.00000778	2.45	0.00457	3.03	0.0817	0.00104	1.56	0.00658	0.00507	0.0000958	0.000334	0.00022	0.0872	0.00000777	0.000505	0.000643	0.00262
2052 Oct	82.4	0.199	0.168	0.00385	18.1	0.056	16.4	0.00000776	0.0174	0.0149	0.00767	0.0187	0.00623	14.4	0.00000695	0.000156	0.000292	0.00086	0.0496	0.00000777	2.45	0.00455	3.02	0.0816	0.00103	1.56	0.00657	0.00507	0.0000959	0.000333	0.00022	0.0871	0.00000776	0.000505	0.000642	0.00261
2052 Nov	82.4	0.199	0.168	0.00384	18.1	0.056	16.4	0.00000776	0.0174	0.0149	0.00766	0.0187	0.00621	14.3	0.00000695	0.000156	0.000292	0.00086	0.0496	0.00000777	2.45	0.00455	3.02	0.0816	0.00103	1.56	0.00656	0.00506	0.000096	0.000333	0.00022	0.087	0.00000776	0.000505	0.000642	0.00261
2052 Dec	82.5	0.199	0.167	0.00384	18.1	0.0559	16.4	0.00000776	0.0174	0.0149	0.00767	0.0187	0.00621	14.4	0.00000696	0.000156	0.000292	0.00086	0.0495	0.00000777	2.45	0.00455	3.02	0.0816	0.00103	1.56	0.00657	0.00506	0.0000961	0.000333	0.00022	0.087	0.00000776	0.000505	0.000642	0.00261
2053 Jan	82.5	0.199	0.167	0.00384	18.2	0.0559	16.5	0.00000776	0.0174	0.0149	0.00767	0.0187	0.00621	14.4	0.00000697	0.000156	0.000292	0.00086	0.0495	0.00000777	2.45	0.00455	3.02	0.0816	0.00103	1.56	0.00657	0.00506	0.0000963	0.000333	0.000221	0.087	0.00000775	0.000506	0.000642	0.00261
2053 Feb	82.5	0.199	0.167	0.00384	18.2	0.0559	16.5	0.00000776	0.0174	0.0149	0.00767	0.0187	0.0062	14.4	0.00000697	0.000156	0.000293	0.00086	0.0495	0.00000778	2.45	0.00455	3.03	0.0816	0.00103	1.56	0.00658	0.00506	0.0000964	0.000333	0.000221	0.087	0.00000775	0.000506	0.000642	0.00261
2053 Mar	82.6	0.199	0.167	0.00383	18.2	0.0559	16.5	0.00000777	0.0174	0.0149	0.00767	0.0187	0.0062	14.4	0.00000698	0.000156	0.000293	0.00086	0.0495	0.00000778	2.45	0.00455	3.03	0.0817	0.00103	1.56	0.00658	0.00505	0.0000965	0.000332	0.000222	0.0871	0.00000775	0.000506	0.000642	0.00261
2053 Apr	82.6	0.199	0.167	0.00383	18.2	0.0558	16.5	0.00000777	0.0174	0.0149	0.00767	0.0187	0.0062	14.4	0.00000699	0.000156	0.000293	0.00086	0.0495	0.00000778	2.45	0.00455	3.03	0.0817	0.00103	1.56	0.00659	0.00505	0.0000966	0.000332	0.000222	0.0871	0.00000774	0.000507	0.000642	0.00261
2053 May	82.7	0.199	0.167	0.00383	18.2	0.0558	16.6	0.00000778	0.0175	0.0149	0.00768	0.0187	0.00619	14.4	0.00000701	0.000156	0.000293	0.000861	0.0495	0.0000078	2.45	0.00455	3.03	0.0818	0.00103	1.56	0.0066	0.00505	0.0000968	0.000333	0.000223	0.0871	0.00000775	0.000508	0.000643	0.00261
2053 Jun	82.2	0.199	0.167	0.00382	18.1	0.0557	16.3	0.00000774	0.0174	0.0145	0.00765	0.0186	0.00621	14.3	0.00000695	0.000155	0.000292	0.000855	0.0493	0.00000775	2.44	0.00454	3	0.0815	0.00102	1.56	0.0065	0.00504	0.0000961	0.00033	0.00022	0.0868	0.00000773	0.000503	0.000638	0.0026
2053 Jul	82.2	0.199	0.167	0.00383	18.1	0.0558	16.3	0.00000774	0.0174	0.0145	0.00765	0.0186	0.00626	14.3	0.00000695	0.000155	0.000292	0.000855	0.0494	0.00000775	2.44	0.00456	3	0.0815	0.00101	1.56	0.00647	0.00504	0.0000961	0.000329	0.000219	0.0869	0.00000774	0.000503	0.000638	0.0026
2053 Aug	82.2	0.199	0.167	0.00383	18.1	0.0558	16.3	0.00000775	0.0175	0.0144	0.00766	0.0186	0.00625	14.3	0.00000696	0.000155	0.000292	0.000856	0.0494	0.00000777	2.44	0.00456	3	0.0816	0.00101	1.56	0.00647	0.00504	0.0000962	0.00033	0.00022	0.0869	0.00000775	0.000504	0.000638	0.0026
2053 Sep	82.1	0.199	0.166	0.0038	18.1	0.0558	16.3	0.00000774	0.0174	0.0143	0.00765	0.0186	0.0062	14.3	0.00000694	0.000155	0.000291	0.000855	0.0493	0.00000776	2.44	0.00454	3	0.0815	0.00101	1.56	0.00645	0.00504	0.000096	0.000329	0.000219	0.0867	0.00000774	0.000503	0.000637	0.0026
2053 Oct	82	0.199	0.165	0.00378	18.1	0.0557	16.2	0.00000773	0.0174	0.0143	0.00764	0.0186	0.00617	14.2	0.00000693	0.000155	0.000291	0.000854	0.0493	0.00000775	2.43	0.00453	2.99	0.0814	0.00101	1.55	0.00643	0.00503	0.0000961	0.000328	0.000219	0.0866	0.00000773	0.000502	0.000636	0.0026
2053 Nov	81.9	0.198	0.165	0.00378	18	0.0557	16.2	0.00000773	0.0174	0.0142	0.00764	0.0186	0.00615	14.2	0.00000694	0.000155	0.000291	0.000853	0.0492	0.00000775	2.43	0.00452	2.99	0.0814	0.001	1.55	0.00643	0.00503	0.0000962	0.000328	0.000219	0.0865	0.00000773	0.000502	0.000636	0.0026
2053 Dec	82	0.198	0.165	0.00377	18.1	0.0557	16.3	0.00000774	0.0174	0.0142	0.00764	0.0186	0.00615	14.2	0.00000694	0.000155	0.000291	0.000853	0.0492	0.00000775	2.43	0.00452	2.99	0.0814	0.001	1.55	0.00643	0.00503	0.0000963	0.000328	0.000219	0.0865	0.00000773	0.000503	0.000636	0.0026
2054 Jan	82	0.198	0.165	0.00377	18.1	0.0556	16.3	0.00000774	0.0174	0.0142	0.00764	0.0186	0.00614	14.3	0.00000695	0.000155	0.000291	0.000854	0.0492	0.00000776	2.43	0.00452	2.99	0.0814	0.001	1.55	0.00644	0.00503	0.0000965	0.000328	0.00022	0.0866	0.00000772	0.000503	0.000636	0.0026
2054 Feb	82.1	0.198	0.165	0.00377	18.1	0.0556	16.3	0.00000774	0.0174	0.0142	0.00764	0.0186	0.00614	14.3	0.00000696	0.000155	0.000292	0.000854	0.0492	0.00000776	2.43	0.00452	2.99	0.0815	0.001	1.55	0.00644	0.00502	0.0000966	0.000328	0.00022	0.0866	0.00000772	0.000504	0.000636	0.0026
2054 Mar	82.1	0.198	0.165	0.00377	18.1	0.0556	16.3	0.00000774	0.0174	0.0142	0.00764	0.0186	0.00614	14.3	0.00000697	0.000154	0.000292	0.000854	0.0492	0.00000776	2.43	0.00452	2.99	0.0815	0.001	1.55	0.00645	0.00502	0.0000967	0.000328	0.000221	0.0866	0.00000772	0.000504	0.000636	0.0026
2054 Apr	82.2	0.198	0.164	0.00377	18.1	0.0556	16.4	0.00000774	0.0174	0.0142	0.00765	0.0186	0.00613	14.3	0.00000698	0.000154	0.000292	0.000854	0.0491	0.00000776	2.43	0.00452	2.99	0.0815	0.001	1.55	0.00645	0.00502	0.0000968	0.000328	0.000221	0.0866	0.00000771	0.000505	0.000636	0.0026
2054 May	82.3	0.198	0.164	0.00376	18.1	0.0556	16.4	0.00000775	0.0174	0.0142	0.00765	0.0186	0.00613	14.3	0.00000699	0.000154	0.000292	0.000854	0.0491	0.00000777	2.43	0.00453	2.99	0.0816	0.001	1.55	0.00646	0.00502	0.000097	0.000328	0.000222	0.0866	0.00000771	0.000505	0.000636	0.0026
2054 Jun	81.8	0.198	0.164	0.00375	18	0.0554	16.2	0.00000771	0.0173	0.0139	0.00761	0.0185	0.00614	14.2	0.00000693	0.000153	0.000291	0.000848	0.049	0.0000077	2.42	0.00451	2.97	0.0813	0.000989	1.55	0.00636	0.00501	0.0000962	0.000324	0.000219	0.0863	0.00000768	0.000499	0.00063	0.00258
2054 Jul	81.7	0.199	0.164	0.00377	18	0.0555	16.1	0.00000771	0.0173	0.0138	0.00762	0.0185	0.00619	14.2	0.00000692	0.000153	0.000291	0.000848	0.049	0.0000077	2.42	0.00453	2.97	0.0813	0.000987	1.55	0.00634	0.00501	0.0000962	0.000323	0.000218	0.0864	0.00000769	0.000499	0.00063	0.00258
2054 Aug	81.8	0.199	0.164	0.00376	18	0.0555	16.1	0.00000772	0.0174	0.0138	0.00762	0.0185	0.00618	14.2	0.00000693	0.000154	0.000291	0.000849	0.0491	0.00000772	2.43	0.00453	2.97	0.0814	0.000987	1.55	0.00634	0.00501	0.0000963	0.000324	0.000219	0.0864	0.0000077	0.0005	0.000631	0.00259
2054 Sep	81.6	0.198	0.163	0.00374	18	0.0555	16.1	0.00000771	0.0174	0.0137	0.00762	0.0185	0.00613	14.2	0.00000692	0.000153	0.00029	0.000848	0.049	0.00000772	2.42	0.00451	2.96	0.0813	0.000983	1.55	0.00632	0.00501	0.0000962	0.000323	0.000218	0.0862	0.00000769	0.0005	0.00063	0.00258
2054 Oct	81.5	0.198	0.163	0.00372	18	0.0554	16.1	0.00000771	0.0173	0.0136	0.00761	0.0185	0.0061	14.1	0.00000692	0.000153	0.00029	0.000847	0.049	0.00000771	2.42	0.0045	2.96	0.0813	0.00098	1.55	0.0063	0.005	0.0000962	0.000323	0.000218	0.0861	0.00000769	0.000499	0.000629	0.00258
2054 Nov	81.5	0.198	0.162	0.00371	18	0.0554	16.1	0.0000077	0.0173	0.0136	0.00761	0.0185	0.00608	14.1	0.00000692	0.000153	0.00029	0.000847	0.0489	0.00000771	2.42	0.00449	2.96	0.0812	0.000979	1.54	0.0063	0.005	0.0000964	0.000323	0.000218	0.0861	0.00000768	0.000499	0.000629	0.00258
2054 Dec	81.6	0.197	0.162	0.00371	18	0.0554	16.1	0.00000771	0.0173	0.0136	0.00761	0.0185	0.00608	14.1	0.00000692	0.000153	0.00029	0.000847	0.0489	0.00000772	2.42	0.00449	2.96	0.0813	0.000979	1.54	0.0063	0.005	0.0000965	0.000323	0.000218	0.0861	0.00000768	0.0005	0.000629	0.00258
2055 Jan	81.6	0.197	0.162	0.00371	18	0.0554	16.1	0.00000771	0.0173	0.0136	0.00761	0.0185	0.00608	14.2	0.00000693	0.000153	0.000291	0.000847	0.0489	0.00000772	2.42	0.00449	2.96	0.0813	0.000979	1.54	0.00631	0.005	0.0000966	0.000323	0.000219	0.0861	0.00000768	0.0005	0.000629	0.00258
2055 Feb	81.6	0.197	0.162	0.00371	18	0.0553	16.1	0.00000771	0.0173	0.0136	0.00761	0.0185	0.00607	14.2	0.00000694	0.000153	0.000291	0.000847	0.0489	0.00000772	2.42	0.00449	2.96	0.0813	0.000979	1.54	0.00631	0.00499	0.0000967	0.000322	0.000219	0.0861	0.00000767	0.0005	0.000629	0.00258
2055 Mar	81.7	0.197	0.162	0.0037	18	0.0553	16.2	0.00000771	0.0173	0.0136	0.00761	0.0185	0.00607	14.2	0.00000695	0.000153	0.000291	0.000847	0.0489	0.00000772	2.42	0.00449	2.96	0.0813	0.000978	1.54	0.00632	0.00499	0.0000968	0.000322	0.00022	0.0861	0.00000767	0.000501	0.000629	0.00258
2055 Apr	81.7	0.197	0.162	0.0037	18	0.0553	16.2	0.00000771	0.0173	0.0136	0.00762	0.0185	0.00607	14.2	0.00000696	0.000153	0.000291	0.000847	0.0488	0.00000772	2.42	0.0045	2.96	0.0814	0.000978	1.54	0.00633	0.00499	0.000097	0.000322	0.00022	0.0861	0.00000767	0.000501	0.000629	0.00258

Appendix C17: Whale Tail North Basin

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2055 May	81.8	0.197	0.162	0.0037	18	0.0553	16.2	0.00000772	0.0173	0.0136	0.00762	0.0185	0.00607	14.2	0.00000697	0.000153	0.000291	0.000848	0.0488	0.00000773	2.42	0.0045	2.96	0.0815	0.000978	1.54	0.00633	0.00499	0.0000971	0.000322	0.000221	0.0862	0.00000767	0.000502	0.000629	0.00258
2055 Jun	81.3	0.197	0.161	0.00368	17.9	0.0552	16	0.00000768	0.0172	0.0133	0.00759	0.0184	0.00607	14.1	0.00000691	0.000152	0.00029	0.000842	0.0487	0.00000767	2.41	0.00448	2.94	0.0812	0.000964	1.54	0.00624	0.00498	0.0000964	0.000318	0.000218	0.0859	0.00000764	0.000496	0.000624	0.00256
2055 Jul	81.3	0.198	0.162	0.0037	17.9	0.0552	16	0.00000768	0.0173	0.0132	0.00759	0.0184	0.00611	14.1	0.00000691	0.000152	0.00029	0.000842	0.0487	0.00000768	2.41	0.00449	2.94	0.0812	0.000962	1.54	0.00622	0.00498	0.0000963	0.000319	0.000217	0.0859	0.00000765	0.000496	0.000624	0.00257
2055 Aug	81.3	0.198	0.161	0.00369	17.9	0.0553	16	0.00000769	0.0173	0.0132	0.0076	0.0184	0.00609	14.1	0.00000691	0.000152	0.00029	0.000843	0.0488	0.00000769	2.41	0.00449	2.94	0.0813	0.000962	1.54	0.00622	0.00498	0.0000964	0.000319	0.000218	0.0859	0.00000766	0.000497	0.000625	0.00257
2055 Sep	81.2	0.197	0.161	0.00367	17.9	0.0552	15.9	0.00000768	0.0173	0.0131	0.00759	0.0184	0.00605	14.1	0.0000069	0.000152	0.00029	0.000842	0.0487	0.00000769	2.41	0.00447	2.93	0.0812	0.000959	1.54	0.0062	0.00498	0.0000963	0.000318	0.000217	0.0858	0.00000765	0.000497	0.000624	0.00257
2055 Oct	81.1	0.197	0.16	0.00365	17.9	0.0552	15.9	0.00000768	0.0173	0.013	0.00758	0.0184	0.00601	14	0.00000689	0.000152	0.000289	0.000841	0.0487	0.00000768	2.41	0.00446	2.93	0.0811	0.000956	1.54	0.00618	0.00498	0.0000964	0.000318	0.000217	0.0856	0.00000765	0.000496	0.000623	0.00256
2055 Nov	81.1	0.197	0.16	0.00364	17.9	0.0551	15.9	0.00000768	0.0173	0.013	0.00758	0.0184	0.006	14	0.0000069	0.000152	0.000289	0.000841	0.0486	0.00000768	2.41	0.00446	2.93	0.0811	0.000955	1.54	0.00617	0.00497	0.0000965	0.000318	0.000217	0.0856	0.00000764	0.000496	0.000622	0.00256
2055 Dec	81.1	0.196	0.159	0.00364	17.9	0.0551	15.9	0.00000768	0.0173	0.013	0.00758	0.0184	0.00599	14	0.00000691	0.000152	0.000289	0.000841	0.0486	0.00000769	2.41	0.00446	2.93	0.0811	0.000955	1.54	0.00618	0.00497	0.0000966	0.000318	0.000218	0.0856	0.00000764	0.000497	0.000623	0.00256
2056 Jan	81.2	0.196	0.159	0.00364	17.9	0.0551	16	0.00000768	0.0173	0.013	0.00758	0.0184	0.00599	14.1	0.00000691	0.000152	0.00029	0.000841	0.0486	0.00000769	2.41	0.00446	2.93	0.0811	0.000954	1.54	0.00619	0.00497	0.0000967	0.000318	0.000218	0.0856	0.00000764	0.000497	0.000623	0.00256
2056 Feb	81.2	0.196	0.159	0.00363	17.9	0.0551	16	0.00000768	0.0173	0.013	0.00759	0.0184	0.00599	14.1	0.00000692	0.000152	0.00029	0.000841	0.0486	0.0000077	2.41	0.00446	2.93	0.0811	0.000954	1.53	0.00619	0.00497	0.0000969	0.000318	0.000218	0.0856	0.00000764	0.000498	0.000623	0.00256
2056 Mar	81.2	0.196	0.159	0.00363	17.9	0.0551	16	0.00000769	0.0173	0.013	0.00759	0.0184	0.00598	14.1	0.00000693	0.000152	0.00029	0.000841	0.0486	0.0000077	2.41	0.00446	2.93	0.0812	0.000954	1.53	0.0062	0.00496	0.000097	0.000318	0.000219	0.0856	0.00000763	0.000498	0.000623	0.00256
2056 Apr	81.3	0.196	0.159	0.00363	17.9	0.055	16	0.00000769	0.0173	0.0129	0.00759	0.0184	0.00598	14.1	0.00000694	0.000152	0.00029	0.000841	0.0485	0.0000077	2.41	0.00446	2.93	0.0812	0.000954	1.53	0.0062	0.00496	0.0000971	0.000318	0.000219	0.0856	0.00000763	0.000499	0.000623	0.00256
2056 May	81.4	0.196	0.159	0.00363	17.9	0.055	16.1	0.00000769	0.0173	0.0129	0.0076	0.0184	0.00598	14.1	0.00000695	0.000152	0.000291	0.000841	0.0485	0.00000771	2.41	0.00446	2.93	0.0813	0.000954	1.53	0.00621	0.00496	0.0000973	0.000318	0.00022	0.0857	0.00000763	0.000499	0.000623	0.00256
2056 Jun	80.9	0.196	0.159	0.00362	17.8	0.0549	15.9	0.00000766	0.0172	0.0127	0.00756	0.0183	0.00598	14	0.00000689	0.000151	0.000289	0.000836	0.0484	0.00000765	2.4	0.00445	2.91	0.081	0.000941	1.53	0.00612	0.00495	0.0000965	0.000314	0.000217	0.0854	0.00000761	0.000494	0.000618	0.00255
2056 Jul	80.9	0.197	0.159	0.00363	17.8	0.055	15.8	0.00000766	0.0172	0.0126	0.00756	0.0183	0.00602	14	0.00000689	0.000151	0.000289	0.000836	0.0485	0.00000766	2.4	0.00446	2.91	0.081	0.000939	1.53	0.0061	0.00496	0.0000965	0.000314	0.000217	0.0855	0.00000762	0.000494	0.000618	0.00255
2056 Aug	80.9	0.197	0.159	0.00362	17.8	0.055	15.8	0.00000766	0.0173	0.0126	0.00757	0.0183	0.006	14	0.00000689	0.000151	0.000289	0.000837	0.0485	0.00000767	2.4	0.00446	2.91	0.0811	0.000938	1.53	0.0061	0.00496	0.0000965	0.000314	0.000217	0.0854	0.00000762	0.000495	0.000619	0.00255
2056 Sep	80.7	0.196	0.158	0.00359	17.8	0.055	15.8	0.00000765	0.0172	0.0125	0.00756	0.0183	0.00595	14	0.00000688	0.000151	0.000288	0.000835	0.0484	0.00000765	2.39	0.00444	2.9	0.081	0.000935	1.53	0.00607	0.00495	0.0000964	0.000313	0.000216	0.0852	0.00000761	0.000493	0.000617	0.00255
2056 Oct	80.6	0.196	0.157	0.00358	17.8	0.0549	15.7	0.00000765	0.0172	0.0124	0.00755	0.0183	0.00592	13.9	0.00000687	0.00015	0.000288	0.000834	0.0484	0.00000764	2.39	0.00442	2.9	0.0809	0.000932	1.53	0.00605	0.00495	0.0000964	0.000313	0.000216	0.0851	0.00000761	0.000493	0.000616	0.00255
2056 Nov	80.6	0.195	0.157	0.00357	17.8	0.0549	15.7	0.00000764	0.0172	0.0124	0.00755	0.0183	0.0059	13.9	0.00000687	0.00015	0.000288	0.000834	0.0484	0.00000764	2.39	0.00442	2.89	0.0808	0.000931	1.53	0.00605	0.00495	0.0000965	0.000312	0.000216	0.0851	0.0000076	0.000493	0.000616	0.00255
2056 Dec	80.6	0.195	0.157	0.00357	17.8	0.0549	15.8	0.00000765	0.0172	0.0124	0.00755	0.0183	0.0059	13.9	0.00000688	0.00015	0.000288	0.000834	0.0483	0.00000765	2.39	0.00442	2.9	0.0809	0.00093	1.53	0.00605	0.00494	0.0000966	0.000312	0.000216	0.0851	0.0000076	0.000493	0.000616	0.00255
2057 Jan	80.7	0.195	0.157	0.00356	17.8	0.0548	15.8	0.00000765	0.0172	0.0124	0.00755	0.0183	0.00589	13.9	0.00000689	0.00015	0.000289	0.000834	0.0483	0.00000765	2.39	0.00442	2.9	0.0809	0.00093	1.53	0.00606	0.00494	0.0000968	0.000312	0.000217	0.0851	0.0000076	0.000493	0.000616	0.00255
2057 Feb	80.7	0.195	0.156	0.00356	17.8	0.0548	15.8	0.00000765	0.0172	0.0124	0.00755	0.0183	0.00589	14	0.00000689	0.00015	0.000289	0.000834	0.0483	0.00000765	2.39	0.00442	2.9	0.0809	0.00093	1.53	0.00607	0.00494	0.0000969	0.000312	0.000217	0.0851	0.00000759	0.000494	0.000616	0.00255
2057 Mar	80.8	0.195	0.156	0.00356	17.8	0.0548	15.8	0.00000765	0.0172	0.0124	0.00755	0.0183	0.00589	14	0.0000069	0.00015	0.000289	0.000834	0.0483	0.00000765	2.39	0.00442	2.9	0.0809	0.00093	1.53	0.00607	0.00493	0.000097	0.000312	0.000218	0.0851	0.00000759	0.000494	0.000616	0.00255
2057 Apr	80.8	0.195	0.156	0.00356	17.8	0.0548	15.9	0.00000765	0.0172	0.0123	0.00756	0.0183	0.00589	14	0.00000691	0.00015	0.000289	0.000834	0.0483	0.00000766	2.39	0.00442	2.9	0.081	0.00093	1.53	0.00608	0.00493	0.0000971	0.000312	0.000218	0.0851	0.00000759	0.000494	0.000616	0.00254
2057 May	80.9	0.195	0.156	0.00356	17.8	0.0548	15.9	0.00000766	0.0172	0.0123	0.00756	0.0183	0.00588	14	0.00000692	0.00015	0.000289	0.000835	0.0483	0.00000766	2.39	0.00442	2.9	0.0811	0.00093	1.53	0.00609	0.00493	0.0000973	0.000312	0.000219	0.0852	0.00000759	0.000495	0.000616	0.00255
2057 Jun	80.4	0.195	0.156	0.00356	17.7	0.0546	15.7	0.00000762	0.0171	0.0121	0.00753	0.0182	0.00593	13.9	0.00000686	0.000149	0.000288	0.000829	0.0482	0.0000076	2.38	0.00442	2.88	0.0808	0.000917	1.52	0.00599	0.00493	0.0000965	0.000308	0.000216	0.0849	0.00000756	0.000489	0.000611	0.00253
2057 Jul	80.4	0.196	0.157	0.00357	17.7	0.0547	15.7	0.00000762	0.0171	0.012	0.00753	0.0182	0.00597	13.9	0.00000686	0.000149	0.000288	0.00083	0.0482	0.0000076	2.38	0.00444	2.88	0.0808	0.000915	1.53	0.00598	0.00493	0.0000965	0.000308	0.000215	0.085	0.00000757	0.000489	0.000611	0.00253
2057 Aug	80.5	0.196	0.156	0.00357	17.8	0.0547	15.7	0.00000763	0.0171	0.012	0.00754	0.0182	0.00596	13.9	0.00000687	0.000149	0.000288	0.000831	0.0482	0.00000762	2.38	0.00443	2.88	0.0809	0.000915	1.53	0.00598	0.00493	0.0000966	0.000309	0.000215	0.085	0.00000757	0.00049	0.000612	0.00254
2057 Sep	80.3	0.196	0.156	0.00354	17.7	0.0547	15.6	0.00000762	0.0171	0.0119	0.00753	0.0182	0.00591	13.9	0.00000685	0.000149	0.000288	0.000829	0.0481	0.0000076	2.38	0.00442	2.87	0.0808	0.000912	1.52	0.00596	0.00493	0.0000964	0.000308	0.000215	0.0848	0.00000757	0.000489	0.00061	0.00253
2057 Oct	80.2	0.195	0.155	0.00353	17.7	0.0546	15.6	0.00000761	0.0171	0.0119	0.00752	0.0182	0.00588	13.8	0.00000685	0.000149	0.000287	0.000828	0.0481	0.00000759	2.38	0.0044	2.87	0.0807	0.000909	1.52	0.00594	0.00492	0.0000965	0.000307	0.000215	0.0847	0.00000756	0.000488	0.000609	0.00253
2057 Nov	80.2	0.195	0.155	0.00352	17.7	0.0546	15.6	0.00000761	0.0171	0.0118	0.00752	0.0182	0.00587	13.8	0.00000685	0.000149	0.000287	0.000828	0.0481	0.00000759	2.38	0.0044	2.87	0.0807	0.000908	1.52	0.00594	0.00492	0.0000966	0.000307	0.000215	0.0847	0.00000756	0.000488	0.000609	0.00253
2057 Dec	80.3	0.195	0.155	0.00352	17.7	0.0546	15.6	0.00000762	0.0171	0.0118	0.00752	0.0182	0.00586	13.8	0.00000686	0.000149	0.000287	0.000828	0.0481	0.0000076	2.38	0.0044	2.87	0.0807	0.000908	1.52	0.00594	0.00492	0.0000967	0.000307	0.000215	0.0847	0.00000755	0.000489	0.000609	0.00253
2058 Jan	80.3	0.195	0.155	0.00352	17.7	0.0546	15.6	0.00000762	0.0171	0.0118	0.00752	0.0182	0.00586	13.9	0.00000686	0.000149	0.000288	0.000828	0.048	0.0000076	2.38	0.0044	2.87	0.0807	0.000908	1.52	0.00595	0.00491	0.0000968	0.000307	0.000216	0.0847	0.00000755	0.000489	0.000609	0.00253
2058 Feb	80.3	0.195	0.155	0.00351	17.7	0.0545	15.7	0.00000762	0.0171	0.0118	0.00752	0.0182	0.00586	13.9	0.00000687	0.000149	0.000288	0.000828	0.048	0.0000076	2.38	0.0044	2.87	0.0807	0.000908	1.52	0.00595	0.00491	0.000097	0.000307	0.000216	0.0847	0.00000755	0.00049	0.000609	0.00253
2058 Mar	80.4	0.195	0.154	0.00351	17.7	0.0545	15.7	0.00000762	0.0171	0.0118	0.00752	0.0182	0.00585	13.9	0.00000688	0.000148	0.000288	0.000828	0.048	0.0000076	2.38	0.0044	2.87	0.0808	0.000907	1.52	0.00596	0.00491	0.0000971	0.000307	0.000216	0.0847	0.00000754	0.00049	0.000609	0.00253
2058 Apr	80.4	0.194	0.154	0.00351	17.7	0.0545	15.7	0.00000762	0.0171	0.0118	0.00753	0.0182	0.00585	13.9	0.00000689	0.000148	0.000288	0.000829	0.048	0.00000761	2.38	0.0044	2.87	0.0808	0.000907	1.52	0.00597	0.00491	0.0000972	0.000307	0.000217	0.0847	0.00000754	0.00049	0.000609	0.00253
2058 May	80.5	0.194	0.154	0.00351	17.7	0.0545	15.8	0.00000763	0.0171	0.0118	0.00753	0.0182	0.00585	13.9	0.0000069	0.000149	0.000289	0.000829	0.048	0.00000762	2.38	0.0044	2.87	0.0809	0.000908	1.52	0.00598	0.00491	0.0000974	0.000307	0.000218	0.0848	0.00000754	0.000491	0.00061	0.00253
2058 Jun	80	0.194	0.154	0.00349	17.7	0.0544	15.6	0.0000076	0.0171	0.0115	0.00751	0.0181	0.00584	13.8	0.00000685	0.000148	0.000287	0.000824	0.0479	0.0000076	2.37	0.00439	2.85	0.0807	0.000896	1.52	0.00588	0.0049	0.0000967	0.000305	0.000215	0.0845	0.00000754	0.000489	0.000607	0.00252
2058 Jul	80	0.195	0.154	0.0035	17.7	0.0545	15.5	0.00000761	0.0171	0.0115	0.00751	0.0181	0.00587	13.8	0.00000685	0.000148	0.000287	0.000825	0.0479	0.00000761	2.37	0.0044	2.85	0.0806	0.000894	1.52	0.00587	0.0049	0.0000966	0.000305	0.000215	0.0845	0.00000755	0.000489	0.000607	0.00252
2058 Aug	80	0.195	0.154	0.00349	17.7	0.0545	15.5	0.00000761	0.0172	0.0115	0.00752	0.0182	0.00585	13.8	0.00000686	0.000149	0.000287	0.000825	0.0479	0.00000762	2.37	0.0044	2.85	0.0807	0.000894	1.52	0.00587	0.00491	0.0000967	0.000306	0.000215	0.0845	0.00000756	0.00049	0.000608	0.00253
2058 Sep	79.9	0.194	0.153	0.00347	17.6	0.0545	15.5	0.00000761	0.0172	0.0114	0.00751	0.0181	0.00581	13.8	0.00000684	0.000148	0.000287	0.000824	0.0479	0.00000761	2.37	0.00438	2.85	0.0806	0.000891	1.51	0.00585	0.0049	0.0000966	0.000305	0.000214	0.0844	0.00000755	0.000489	0.000607	0.00252
2058 Oct	79.8	0.194	0.152	0.00346	17.6	0.0545	15.5	0.0000076	0.0172	0.0113	0.0075	0.0181	0.00578	13.8	0.00000684	0.000148	0.000287	0.000823	0.0479	0.0000076	2.37	0.00437	2.84	0.0806	0.000889	1.51	0.00583	0.0049	0.0000966	0.000305	0.000214	0.0842	0.00000755	0.000488	0.000606	0.00252
2058 Nov	79.8	0.194	0.152	0.00345	17.6	0.0544	15.5	0.0000076	0.0172	0.0113	0.0075	0.0181	0.00576	13.7	0.00000684	0.000148	0.000286	0.000823	0.0478	0.0000076	2.37	0.00436	2.84	0.0805	0.000888	1.51	0.00583	0.0049	0.0000968	0.000305	0.000214	0.0842	0.00000754	0.000489	0.000606	0.00252
2058 Dec	79.8	0.194	0.152	0.00345	17.6	0.0544	15.5	0.0000076	0.0172	0.0113	0.0075	0.0181	0.00576	13.8	0.00000685	0.000148	0.000287	0.000823	0.0478	0.00000761	2.37	0.00436	2.84	0.0806	0.000888	1.51	0.00583	0.00489	0.0000969	0.000305	0.000215	0.0842	0.00000754	0.000489	0.000606	0.00252
2059 Jan	79.9	0.194	0.152	0.00344	17.6	0.0544	15.5	0.00000761	0.0172	0.0113	0.0075	0.0181	0.00575	13.8	0.00000686	0.000148	0.000287	0.000824	0.0478	0.00000761	2.37	0.00436	2.84	0.0806	0.000888	1.51	0.00584	0.00489	0.000097	0.000305	0.000215	0.0842	0.00000754	0.000489	0.000606	0.00252
2059 Feb	79.9	0.193	0.152	0.00344	17.6	0.0544	15.5	0.00000761	0.0172	0.0113	0.00751	0.0181	0.00575	13.8	0.00000686	0.000148	0.000287	0.000824	0.0478	0.00000761	2.37	0.00436	2.84	0.0806	0.000887	1.51	0.00585	0.00489	0.0000971	0.000304	0.000216	0.0842	0.00000754	0.00049	0.000606	0.00252
2059 Mar	80	0.193	0.152	0.00344	17.6	0.0543	15.6	0.00000761	0.0172	0.0113	0.00751	0.0181	0.00575	13.8	0.00000687	0.000148	0.000287	0.000824	0.0478	0.00000762	2.37	0.00436	2.84	0.0806	0.000887	1.51	0.00585	0.00488	0.0000972	0.000304	0.000216	0.0842	0.00000753	0.00049	0.000606	0.00252
2059 Apr	80	0.193	0.152	0.00344	17.6	0.0543	15.6	0.00000761	0.0172	0.0113	0.00751	0.0181	0.00575	13.8	0.00000688	0.000148	0.000287	0.000824	0.0477	0.00000762	2.37	0.00437	2.84	0.0807	0.000887	1.51	0.00586	0.00488	0.0000974	0.000304	0.000216	0.0843	0.00000753	0.00049	0.000606	0.00252
2059 May	80.1	0.193	0.152	0.00344	17.7	0.0543	15.6	0.00000762	0.0172	0.0113	0.00752	0.0181	0.00574	13.8	0.00000689	0.000148	0.000288	0.000824	0.0477	0.00000763	2.37	0.00437	2.85	0.0808	0.000887	1.51	0.00587	0.00488	0.0000975	0.000304	0.000217	0.0843	0.00000753	0.000491	0.000606	0.00252
2059 Jun	79.7	0.193	0.151	0.00342	17.6	0.0542	15.4	0.00000758	0.017	0.011	0.00748	0.018	0.00574	13.7	0.00000683	0.000147	0.000286	0.000819	0.0476	0.00000756	2.36	0.00435	2.83	0.0805	0.000875	1.51	0.00578	0.00488	0.0000967	0.000301	0.000214	0.084	0.0000075	0.000485	0.000601	0.00251
2059 Jul	79.6	0.194	0.151	0.00343	17.6	0.0543	15.4	0.00000758	0.0171	0.011	0.00748	0.0181	0.00577	13.7	0.00000683	0.000147	0.000286	0.000819	0.0477	0.00000756	2.36	0.00436	2.82	0.0805	0.000874	1.51	0.00576	0.00488	0.0000967	0.000301	0.000214	0.084	0.00000751	0.000485	0.000601	0.00251
2059 Aug	79.6	0.194	0.151	0.00342	17.6	0.0543	15.4	0.00000759	0.0171	0.0109	0.00749	0.0181	0.00575	13.7	0.00000683	0.000147	0.000286	0.00082	0.0477	0.00000758	2.36	0.00436	2.82	0.0806	0.000874	1.51	0.00576	0.00488	0.0000968	0.000301	0.000214	0.084	0.00000752	0.000486	0.000602	0.00251
2059 Sep	79.5	0.193	0.15	0.0034	17.5	0.0543	15.3	0.00000758	0.0171	0.0109	0.00748	0.018	0.00571	13.7	0.00000682	0.000147	0.000286	0.000819	0.0476	0.00000757	2.36	0.00434	2.82	0.0805	0.000871	1.51	0.00574	0.00488	0.0000966	0.0003	0.000213	0.0839	0.00000751	0.000485	0.000601	0.00251
2059 Oct	79.4	0.193	0.15	0.00339	17.5	0.0542	15.3	0.00000757	0.0171	0.0108	0.00747	0.018	0.00568	13.7	0.00000681	0.000147	0.000286	0.000818	0.0476	0.00000756	2.36	0.00433	2.82	0.0804	0.000869	1.5	0.00573	0.00487	0.0000967	0.0003	0.000213	0.0838	0.0000075	0.000485	0.0006	0.00251
2059 Nov	79.4	0.193	0.149	0.00338	17.5	0.0542	15.3	0.00000757	0.0171	0.0108	0.00747	0.018	0.00566	13.7	0.00000682	0.000147	0.000286	0.000818	0.0476	0.00000756	2.36	0.00433	2.81	0.0804	0.000868	1.5	0.00573	0.00487	0.0000968	0.0003	0.000213	0.0837	0.0000075	0.000485	0.0006	0.00251
2059 Dec	79.5	0.193	0.149	0.00338	17.5	0.0542	15.3	0.00000757	0.0171	0.0108	0.00747	0.018	0.00566	13.7	0.00000682	0.000147	0.000286	0.000818	0.0476	0.00000757	2.36	0.00433	2.81	0.0804	0.000867	1.5	0.00573	0.00487	0.0000969	0.0003	0.000214	0.0837	0.0000075	0.000485	0.0006	0.00251
2060 Jan	79.5	0.193	0.149	0.00338	17.5	0.0541	15.4	0.00000758	0.0171	0.0108	0.00748	0.018	0.00566	13.7	0.00000683	0.000147	0.000286	0.000818	0.0475	0.00000757	2.36	0.00433	2.82	0.0804	0.000867	1.5	0.00574	0.00487	0.000097	0.0003	0.000214	0.0838	0.0000075	0.000486	0.0006	0.00251
2060 Feb	79.5	0.192	0.149	0.00338	17.5	0.0541	15.4	0.00000758	0.0171	0.0108	0.00748	0.018	0.00565	13.7	0.00000684	0.000147	0.000286	0.000818	0.0475	0.00000757	2.36	0.00433	2.82	0.0804	0.000867	1.5	0.00574	0.00486	0.0000972	0.0003	0.000215	0.0838	0.00000749	0.000486	0.0006	0.0025
2060 Mar	79.6	0.192	0.149	0.00337	17.5	0.0541	15.4	0.00000758	0.0171	0.0108	0.00748	0.018	0.00565	13.7	0.00000685	0.000147	0.000286	0.000818	0.0475	0.00000757	2.36	0.00433	2.82	0.0805	0.000867	1.5	0.00575	0.00486	0.0000973	0.000299	0.000215	0.0838	0.00000749	0.000486	0.0006	0.0025
2060 Apr	79.7	0.192	0.149	0.00337	17.6	0.0541	15.5	0.00000758	0.0171	0.0108	0.00748	0.018	0.00565	13.7	0.00000686	0.000146	0.000287	0.000818	0.0475	0.00000758	2.36	0.00433	2.82	0.0805	0.000867	1.5	0.00576	0.00486	0.0000974	0.000299	0.000215	0.0838	0.00000749	0.000487	0.0006	0.0025
2060 May	79.7	0.192	0.149	0.00337	17.6	0.0541	15.5	0.00000759	0.0171	0.0108	0.00749	0.018	0.00565	13.7	0.00000687	0.000146	0.000287	0.000819	0.0475	0.00000758	2.36	0.00433	2.82	0.0806	0.000867	1.5	0.00577	0.00486	0.0000976	0.0003	0.000216	0.0838	0.00000749	0.000488	0.0006	0.0025
2060 Jun	79.3	0.192	0.148	0.00335	17.5	0.054	15.3	0.00000755	0.017	0.0105	0.00745	0.018	0.00564	13.6	0.0000068	0.000146	0.000285	0.000814	0.0474	0.00000752	2.35	0.00431	2.8	0.0803	0.000856	1.5	0.00568	0.00485	0.0000968	0.000296	0.000213	0.0835	0.00000746	0.000482	0.000595	0.00249
2060 Jul	79.2	0.193	0.149	0.00336	17.5	0.054	15.2	0.00000755	0.017	0.0105	0.00746	0.018	0.00567	13.6	0.0000068	0.000146	0.000285	0.000814	0.0474	0.00000753	2.35	0.00432	2.8	0.0803	0.000854	1.5	0.00567	0.00486	0.0000967	0.000296	0.000213	0.0836	0.00000747	0.000482	0.000595	0.00249
2060 Aug	79.3	0.193	0.148	0.00336	17.5	0.0541	15.3	0.00000756	0.017	0.0105	0.00746	0.018	0.00565	13.6	0.00000681	0.000146	0.000285	0.000815	0.0474	0.00000754	2.35	0.00432	2.8	0.0804	0.000854	1.5	0.00567	0.00486	0.0000968	0.000297	0.000213	0.0836	0.00000748	0.000483	0.000596	0.0025
2060 Sep	79.1	0.192	0.148	0.00334	17.5	0.054	15.2	0.00000755	0.017	0.0104	0.00745	0.018	0.00561	13.6	0.0000068	0.000146	0.000285	0.000814	0.0474	0.00000754	2.35	0.0043	2.79	0.0803	0.000852	1.5	0.00565	0.00486	0.0000967	0.000296	0.000212	0.0834	0.00000748	0.000482	0.000595	0.0025
2060 Oct	79.1	0.192	0.147	0.00332	17.4	0.054	15.2	0.00000755	0.017	0.0103	0.00745	0.018	0.00557	13.6	0.00000679	0.000146	0.000285	0.000813	0.0474	0.00000753	2.35	0.00429	2.79	0.0802	0.000849	1.5	0.00563	0.00485	0.0000967	0.000296	0.000212	0.0833	0.00000747	0.000482	0.000595	0.00249
2060 Nov	79	0.192	0.147	0.00331	17.4	0.054	15.2	0.00000755	0.017	0.0103	0.00745	0.0179	0.00556	13.6	0.00000679	0.000146	0.000285	0.000813	0.0474	0.00000753	2.35	0.00429	2.79	0.0802	0.000848	1.49	0.00563	0.00485	0.0000969	0.000296	0.000212	0.0833	0.00000747	0.000482	0.000594	0.00249
2060 Dec	79.1	0.192	0.147	0.00331	17.4	0.054	15.2	0.00000755	0.017	0.0103	0.00745	0.0179	0.00556	13.6	0.0000068	0.000146	0.000285	0.000813	0.0473	0.00000754	2.35	0.00429	2.79	0.0802	0.000848	1.49	0.00563	0.00485	0.000097	0.000296	0.000213	0.0833	0.00000747	0.000483	0.000595	0.00249
2061 Jan	79.1	0.192	0.147	0.00331	17.4	0.0539	15.2	0.00000755	0.017	0.0103	0.00745	0.0179	0.00555	13.6	0.00000681	0.000146	0.000285	0.000813	0.0473	0.00000754	2.35	0.00429	2.79	0.0803	0.000848	1.49	0.00564	0.00484	0.0000971	0.000296	0.000213	0.0833	0.00000746	0.000483	0.000595	0.00249
2061 Feb	79.2	0.191	0.146	0.00331	17.5	0.0539	15.3	0.00000755	0.017	0.0103	0.00745	0.0179	0.00555	13.6	0.00000682	0.000145	0.000285	0.000813	0.0473	0.00000754	2.35	0.00429	2.79	0.0803	0.000848	1.49	0.00565	0.00484	0.0000972	0.000296	0.000214	0.0833	0.00000746	0.000483	0.000595	0.00249
2061 Mar	79.2	0.191	0.146	0.00331	17.5	0.0539	15.3	0.00000755	0.017	0.0103	0.00745	0.0179	0.00555	13.6	0.00000683	0.000145	0.000286	0.000813	0.0473	0.00000754	2.34	0.00429	2.79	0.0803	0.000848	1.49	0.00565	0.00484	0.0000973	0.000295	0.000214	0.0833	0.00000746	0.000484	0.000595	0.00249
2061 Apr	79.3	0.191	0.146	0.0033	17.5	0.0539	15.3	0.00000756	0.017	0.0103	0.00746	0.0179	0.00554	13.6	0.00000683	0.000145	0.000286	0.000813	0.0473	0.00000755	2.34	0.00429	2.79	0.0804	0.000848	1.49	0.00566	0.00484	0.0000975	0.000295	0.000215	0.0833	0.00000745	0.000484	0.000595	0.00249
2061 May	79.4	0.191	0.146	0.0033	17.5	0.0539	15.4	0.00000756	0.017	0.0103	0.00746	0.0179	0.00554	13.6	0.00000685	0.000145	0.000286	0.000814	0.0473	0.00000756	2.35	0.00429	2.8	0.0805	0.000848	1.49	0.00567	0.00484	0.0000976	0.000296	0.000215	0.0834	0.00000745	0.000485	0.000595	0.00249
2061 Jun	78.9	0.191	0.146	0.00329	17.4	0.0538	15.1	0.00000753	0.017	0.0101	0.00743	0.0179	0.00554	13.5	0.00000679	0.000145	0.000285	0.000809	0.0472	0.00000751	2.34	0.00428	2.78	0.0802	0.000837	1.49	0.00558	0.00483	0.0000969	0.000293	0.000212	0.0831	0.00000744	0.00048	0.000591	0.00248
2061 Jul	78.9	0.192	0.146	0.0033	17.4	0.0538	15.1	0.00000753	0.017	0.01	0.00744	0.0179	0.00556	13.5	0.00000679	0.000145	0.000284	0.000809	0.0472	0.00000752	2.34	0.00428	2.77	0.0802	0.000836	1.49	0.00557	0.00484	0.0000968	0.000293	0.000212	0.0831	0.00000745	0.000481	0.000591	0.00248
2061 Aug	78.9	0.192	0.146	0.00329	17.4	0.0539	15.1	0.00000754	0.017	0.01	0.00744	0.0179	0.00555	13.5	0.0000068	0.000145	0.000285	0.00081	0.0472	0.00000754	2.34	0.00428	2.78	0.0803	0.000836	1.49	0.00557	0.00484	0.0000969	0.000294	0.000212	0.0831	0.00000746	0.000482	0.000592	0.00249
2061 Sep	78.8	0.191	0.145	0.00327	17.4	0.0539	15.1	0.00000754	0.017	0.00994	0.00743	0.0179	0.00551	13.5	0.00000678	0.000145	0.000284	0.000809	0.0472	0.00000753	2.34	0.00427	2.77	0.0802	0.000834	1.49	0.00555	0.00483	0.0000968	0.000293	0.000212	0.083	0.00000745	0.000481	0.000591	0.00248
2061 Oct	78.7	0.191	0.145	0.00326	17.4	0.0538	15.1	0.00000753	0.017	0.00989	0.00743	0.0179	0.00548	13.5	0.00000678	0.000145	0.000284	0.000808	0.0472	0.00000752	2.34	0.00426	2.77	0.0801	0.000831	1.49	0.00554	0.00483	0.0000968	0.000293	0.000211	0.0829	0.00000745	0.00048	0.000591	0.00248
2061 Nov	78.7	0.191	0.144	0.00325	17.3	0.0538	15.1	0.00000753	0.017	0.00987	0.00743	0.0179	0.00546	13.5	0.00000678	0.000145	0.000284	0.000808	0.0471	0.00000752	2.34	0.00425	2.77	0.0801	0.000831	1.49	0.00554	0.00483	0.0000969	0.000292	0.000212	0.0828	0.00000745	0.000481	0.00059	0.00248
2061 Dec	78.7	0.191	0.144	0.00325	17.4	0.0538	15.1	0.00000753	0.017	0.00986	0.00743	0.0179	0.00546	13.5	0.00000679	0.000145	0.000284	0.000808	0.0471	0.00000752	2.34	0.00425	2.77	0.0801	0.000831	1.49	0.00554	0.00483	0.000097	0.000292	0.000212	0.0828	0.00000744	0.000481	0.00059	0.00248
2062 Jan	78.8	0.19	0.144	0.00324	17.4	0.0537	15.1	0.00000753	0.017	0.00986	0.00743	0.0179	0.00546	13.5	0.0000068	0.000145	0.000284	0.000809	0.0471	0.00000753	2.34	0.00425	2.77	0.0801	0.00083	1.49	0.00555	0.00482	0.0000972	0.000292	0.000212	0.0828	0.00000744	0.000481	0.00059	0.00248
2062 Feb	78.8	0.19	0.144	0.00324	17.4	0.0537	15.1	0.00000753	0.017	0.00985	0.00743	0.0179	0.00545	13.5	0.0000068	0.000145	0.000285	0.000809	0.0471	0.00000753	2.34	0.00425	2.77	0.0801	0.00083	1.49	0.00555	0.00482	0.0000973	0.000292	0.000213	0.0829	0.00000744	0.000482	0.00059	0.00248
2062 Mar	78.9	0.19	0.144	0.00324	17.4	0.0537	15.2	0.00000754	0.017	0.00985	0.00743	0.0179	0.00545	13.5	0.00000681	0.000144	0.000285	0.000809	0.0471	0.00000753	2.33	0.00425	2.77	0.0802	0.00083	1.49	0.00556	0.00482	0.0000974	0.000292	0.000213	0.0829	0.00000743	0.000482	0.00059	0.00248
2062 Apr	78.9	0.19	0.144	0.00324	17.4	0.0537	15.2	0.00000754	0.017	0.00985	0.00744	0.0179	0.00545	13.5	0.00000682	0.000144	0.000285	0.000809	0.047	0.00000753	2.33	0.00426	2.77	0.0802	0.00083	1.49	0.00557	0.00482	0.0000975	0.000292	0.000214	0.0829	0.00000743	0.000482	0.00059	0.00248
2062 May	79	0.19	0.144	0.00324	17.4	0.0537	15.2	0.00000754	0.017	0.00984	0.00744	0.0179	0.00545	13.5	0.00000683	0.000144	0.000285	0.000809	0.047	0.00000754	2.34	0.00426	2.77	0.0803	0.00083	1.49	0.00557	0.00482	0.0000977	0.000292	0.000214	0.0829	0.00000743	0.000483	0.000591	0.00248
2062 Jun	78.5	0.19	0.143	0.00322	17.3	0.0536	15	0.00000751	0.017	0.00963	0.00741	0.0178	0.00543	13.5	0.00000678	0.000144	0.000284	0.000805	0.047	0.0000075	2.33	0.00424	2.75	0.08	0.00082	1.48	0.00549	0.00481	0.0000969	0.00029	0.000212	0.0826	0.00000742	0.000479	0.000587	0.00247
2062 Jul	78.5	0.19	0.143	0.00323	17.3	0.0537	15	0.00000752	0.0171	0.00958	0.00742	0.0178	0.00545	13.4	0.00000678	0.000144	0.000284	0.000806	0.047	0.00000753	2.33	0.00425	2.75	0.08	0.000819	1.48	0.00548	0.00482	0.0000969	0.000291	0.000211	0.0827	0.00000744	0.000481	0.000589	0.00248
2062 Aug	78.5	0.191	0.143	0.00322	17.3	0.0537	15	0.00000753	0.0171	0.00956	0.00743	0.0178	0.00543	13.5	0.00000679	0.000145	0.000284	0.000806	0.047	0.00000755	2.33	0.00424	2.75	0.0801	0.00082	1.48	0.00548	0.00482	0.000097	0.000292	0.000212	0.0827	0.00000745	0.000482	0.00059	0.00248
2062 Sep	78.4	0.19	0.142	0.0032	17.3	0.0537	15	0.00000753	0.0171	0.00951	0.00742	0.0178	0.00539	13.4	0.00000678	0.000145	0.000284	0.000805	0.047	0.00000754	2.33	0.00423	2.75	0.0801	0.000817	1.48	0.00546	0.00482	0.0000968	0.000291	0.000211	0.0825	0.00000745	0.000481	0.000589	0.00248
2062 Oct	78.3	0.19	0.142	0.00319	17.3	0.0537	14.9	0.00000752	0.0171	0.00946	0.00741	0.0178	0.00536	13.4	0.00000677	0.000144	0.000283	0.000805	0.047	0.00000753	2.33	0.00422	2.74	0.08	0.000815	1.48	0.00545	0.00481	0.0000969	0.000291	0.000211	0.0824	0.00000744	0.000481	0.000588	0.00248
2062 Nov	78.3	0.189	0.142	0.00318	17.3	0.0537	15	0.00000752	0.0171	0.00944	0.00741	0.0178	0.00535	13.4	0.00000677	0.000144	0.000283	0.000805	0.0469	0.00000754	2.33	0.00421	2.74	0.08	0.000814	1.48	0.00545	0.00481	0.000097	0.000291	0.000211	0.0824	0.00000744	0.000481	0.000588	0.00248
2062 Dec	78.3	0.189	0.141	0.00318	17.3	0.0536	15	0.00000752	0.0171	0.00943	0.00742	0.0178	0.00534	13.4	0.00000678	0.000144	0.000283	0.000805	0.0469	0.00000754	2.33	0.00421	2.74	0.08	0.000814	1.48	0.00545	0.00481	0.0000971	0.000291	0.000212	0.0824	0.00000744	0.000482	0.000588	0.00248
2063 Jan	78.4	0.189	0.141	0.00317	17.3	0.0536	15	0.00000753	0.0171	0.00943	0.00742	0.0178	0.00534	13.4	0.00000679	0.000144	0.000284	0.000805	0.0469	0.00000755	2.33	0.00422	2.74	0.08	0.000814	1.48	0.00546	0.0048	0.0000973	0.000291	0.000212	0.0824	0.00000744	0.000482	0.000589	0.00248
2063 Feb	78.4	0.189	0.141	0.00317	17.3	0.0536	15	0.00000753	0.0171	0.00942	0.00742	0.0178	0.00534	13.4	0.0000068	0.000144	0.000284	0.000805	0.0469	0.00000755	2.33	0.00422	2.74	0.08	0.000814	1.48	0.00546	0.0048	0.0000974	0.000291	0.000213	0.0824	0.00000744	0.000483	0.000588	0.00247
2063 Mar	78.5	0.189	0.141	0.00317	17.3	0.0536	15.1	0.00000753	0.0171	0.00942	0.00742	0.0178	0.00533	13.4	0.0000068	0.000144	0.000284	0.000805	0.0469	0.00000755	2.33	0.00422	2.75	0.0801	0.000814	1.48	0.00547	0.0048	0.0000975	0.000291	0.000213	0.0824	0.00000743	0.000483	0.000588	0.00247
2063 Apr	78.5	0.189	0.141	0.00317	17.3	0.0535	15.1	0.00000753	0.0171	0.00941	0.00742	0.0178	0.00533	13.4	0.00000681	0.000144	0.000284	0.000805	0.0468	0.00000755	2.33	0.00422	2.75	0.0801	0.000814	1.48	0.00548	0.0048	0.0000976	0.000291	0.000213	0.0824	0.00000743	0.000483	0.000589	0.00247
2063 May	78.6	0.189	0.141	0.00317	17.3	0.0535	15.1	0.00000754	0.0171	0.00941	0.00743	0.0178	0.00533	13.5	0.00000683	0.000144	0.000285	0.000805	0.0468	0.00000756	2.33	0.00422	2.75	0.0802	0.000814	1.48	0.00549	0.0048	0.0000978	0.000291	0.000214	0.0825	0.00000743	0.000484	0.000589	0.00247
2063 Jun	78.2	0.189	0.141	0.00315	17.2	0.0535	14.9	0.0000075	0.017	0.0092	0.0074	0.0178	0.00532	13.4	0.00000677	0.000144	0.000283	0.000801	0.0468	0.00000751	2.32	0.0042	2.73	0.0799	0.000804	1.47	0.0054	0.00479	0.000097	0.000288	0.000211	0.0822	0.00000741	0.000479	0.000585	0.00246
2063 Jul	78.1	0.189	0.141	0.00316	17.2	0.0535	14.9	0.00000751	0.0171	0.00916	0.0074	0.0178	0.00534	13.4	0.00000676	0.000144	0.000283	0.000801	0.0468	0.00000752	2.32	0.00421	2.73	0.0799	0.000803	1.48	0.00539	0.0048	0.0000969	0.000288	0.000211	0.0822	0.00000742	0.00048	0.000585	0.00247
2063 Aug	78.2	0.189	0.141	0.00315	17.2	0.0536	14.9	0.00000752	0.0171	0.00915	0.00741	0.0178	0.00532	13.4	0.00000677	0.000144	0.000283	0.000802	0.0468	0.00000753	2.32	0.00421	2.73	0.08	0.000803	1.48	0.00539	0.0048	0.000097	0.000289	0.000211	0.0822	0.00000743	0.000481	0.000586	0.00247
2063 Sep	78	0.189	0.14	0.00313	17.2	0.0535	14.8	0.00000751	0.0171	0.00909	0.0074	0.0178	0.00528	13.3	0.00000676	0.000144	0.000283	0.000801	0.0468	0.00000752	2.32	0.00419	2.72	0.0799	0.0008	1.47	0.00537	0.0048	0.0000968	0.000288	0.00021	0.0821	0.00000742	0.00048	0.000585	0.00247
2063 Oct	77.9	0.189	0.139	0.00312	17.2	0.0535	14.8	0.0000075	0.0171	0.00904	0.00739	0.0177	0.00525	13.3	0.00000675	0.000144	0.000282	0.0008	0.0468	0.00000751	2.32	0.00418	2.72	0.0798	0.000798	1.47	0.00536	0.00479	0.0000969	0.000288	0.00021	0.0819	0.00000742	0.000479	0.000584	0.00247
2063 Nov	77.9	0.188	0.139	0.00311	17.2	0.0535	14.8	0.0000075	0.0171	0.00902	0.00739	0.0177	0.00524	13.3	0.00000675	0.000143	0.000282	0.0008	0.0467	0.00000751	2.32	0.00417	2.72	0.0798	0.000798	1.47	0.00536	0.00479	0.000097	0.000287	0.00021	0.0819	0.00000742	0.000479	0.000584	0.00246
2063 Dec	78	0.188	0.139	0.00311	17.2	0.0535	14.9	0.0000075	0.0171	0.00902	0.00739	0.0177	0.00523	13.3	0.00000676	0.000143	0.000283	0.0008	0.0467	0.00000752	2.32	0.00417	2.72	0.0798	0.000798	1.47	0.00536	0.00479	0.0000971	0.000287	0.000211	0.0819	0.00000741	0.000479	0.000584	0.00246
2064 Jan	78	0.188	0.139	0.00311	17.2	0.0534	14.9	0.0000075	0.0171	0.00901	0.00739	0.0177	0.00523	13.3	0.00000677	0.000143	0.000283	0.0008	0.0467	0.00000752	2.32	0.00418	2.72	0.0798	0.000797	1.47	0.00537	0.00479	0.0000972	0.000287	0.000211	0.0819	0.00000741	0.00048	0.000584	0.00246
2064 Feb	78.1	0.188	0.139	0.00311	17.2	0.0534	14.9	0.0000075	0.0171	0.00901	0.0074	0.0177	0.00523	13.4	0.00000678	0.000143	0.000283	0.0008	0.0467	0.00000752	2.32	0.00418	2.72	0.0799	0.000797	1.47	0.00538	0.00478	0.0000974	0.000287	0.000212	0.0819	0.00000741	0.00048	0.000584	0.00246
2064 Mar	78.1	0.188	0.139	0.0031	17.2	0.0534	14.9	0.00000751	0.0171	0.009	0.0074	0.0177	0.00522	13.4	0.00000678	0.000143	0.000283	0.0008	0.0467	0.00000752	2.32	0.00418	2.72	0.0799	0.000797	1.47	0.00538	0.00478	0.0000975	0.000287	0.000212	0.082	0.0000074	0.00048	0.000584	0.00246

Appendix C17: Whale Tail North Basin

Constituents	Total Dissolved Solids	Ammonia	Nitrate	Nitrite	Chloride	Fluoride	Sulphate	Silver	Aluminum	Arsenic	Boron	Barium	Beryllium	Calcium	Cadmium	Cobalt	Chromium	Copper	Iron	Mercury	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Phosphorus	Lead	Antimony	Selenium	Strontium	Thallium	Uranium	Vanadium	Zinc
2064 Apr	78.2	0.188	0.139	0.0031	17.2	0.0533	15	0.00000751	0.0171	0.009	0.0074	0.0177	0.00522	13.4	0.00000679	0.000143	0.000283	0.0008	0.0466	0.00000753	2.32	0.00418	2.72	0.0799	0.000797	1.47	0.00539	0.00478	0.0000976	0.000287	0.000213	0.082	0.0000074	0.000481	0.000584	0.00246
2064 May	78.3	0.188	0.139	0.0031	17.2	0.0533	15	0.00000752	0.0171	0.009	0.00741	0.0177	0.00522	13.4	0.00000681	0.000143	0.000284	0.000801	0.0466	0.00000754	2.32	0.00418	2.73	0.08	0.000797	1.47	0.0054	0.00478	0.0000978	0.000288	0.000213	0.082	0.0000074	0.000482	0.000585	0.00246
2064 Jun	77.8	0.188	0.138	0.00309	17.1	0.0533	14.8	0.00000749	0.0171	0.0088	0.00738	0.0177	0.0052	13.3	0.00000675	0.000143	0.000282	0.000797	0.0466	0.00000751	2.31	0.00416	2.71	0.0798	0.000788	1.47	0.00532	0.00478	0.000097	0.000286	0.00021	0.0817	0.0000074	0.000479	0.000582	0.00246
2064 Jul	77.8	0.188	0.138	0.00309	17.1	0.0534	14.8	0.00000749	0.0171	0.00876	0.00738	0.0177	0.00523	13.3	0.00000675	0.000143	0.000282	0.000797	0.0466	0.00000752	2.31	0.00417	2.71	0.0798	0.000787	1.47	0.00531	0.00478	0.0000969	0.000286	0.00021	0.0818	0.00000741	0.000479	0.000582	0.00246
2064 Aug	77.8	0.188	0.138	0.00308	17.2	0.0534	14.8	0.0000075	0.0172	0.00874	0.00739	0.0177	0.00521	13.3	0.00000676	0.000143	0.000282	0.000798	0.0466	0.00000753	2.31	0.00417	2.71	0.0799	0.000787	1.47	0.00531	0.00478	0.000097	0.000286	0.00021	0.0818	0.00000742	0.00048	0.000583	0.00246
2064 Sep	77.7	0.188	0.137	0.00306	17.1	0.0534	14.7	0.00000749	0.0171	0.00868	0.00738	0.0177	0.00516	13.3	0.00000674	0.000143	0.000282	0.000797	0.0466	0.00000752	2.31	0.00415	2.7	0.0797	0.000785	1.47	0.00529	0.00478	0.0000968	0.000286	0.00021	0.0816	0.00000741	0.000479	0.000581	0.00246
2064 Oct	77.5	0.187	0.137	0.00305	17.1	0.0533	14.7	0.00000748	0.0171	0.00863	0.00737	0.0177	0.00512	13.2	0.00000673	0.000143	0.000281	0.000796	0.0466	0.0000075	2.31	0.00413	2.7	0.0796	0.000782	1.46	0.00527	0.00477	0.0000968	0.000285	0.000209	0.0814	0.0000074	0.000477	0.00058	0.00246
2064 Nov	77.5	0.187	0.136	0.00304	17.1	0.0533	14.7	0.00000748	0.0171	0.0086	0.00737	0.0177	0.00511	13.2	0.00000673	0.000143	0.000281	0.000795	0.0465	0.0000075	2.31	0.00413	2.7	0.0796	0.000781	1.46	0.00526	0.00477	0.0000969	0.000285	0.000209	0.0814	0.0000074	0.000477	0.00058	0.00245
2064 Dec	77.5	0.187	0.136	0.00304	17.1	0.0533	14.7	0.00000748	0.0171	0.0086	0.00737	0.0177	0.0051	13.2	0.00000673	0.000143	0.000282	0.000796	0.0465	0.00000751	2.31	0.00413	2.7	0.0796	0.000781	1.46	0.00527	0.00477	0.000097	0.000285	0.00021	0.0814	0.0000074	0.000478	0.00058	0.00245
2065 Jan	77.6	0.187	0.136	0.00303	17.1	0.0532	14.7	0.00000748	0.0171	0.00859	0.00737	0.0177	0.0051	13.2	0.00000674	0.000143	0.000282	0.000796	0.0465	0.00000751	2.31	0.00413	2.7	0.0796	0.000781	1.46	0.00528	0.00477	0.0000972	0.000285	0.00021	0.0814	0.00000739	0.000478	0.00058	0.00245
2065 Feb	77.6	0.187	0.136	0.00303	17.1	0.0532	14.8	0.00000748	0.0171	0.00859	0.00737	0.0177	0.0051	13.3	0.00000675	0.000143	0.000282	0.000796	0.0465	0.00000751	2.31	0.00413	2.7	0.0796	0.000781	1.46	0.00528	0.00476	0.0000973	0.000285	0.00021	0.0814	0.00000739	0.000479	0.00058	0.00245
2065 Mar	77.7	0.187	0.136	0.00303	17.1	0.0532	14.8	0.00000749	0.0171	0.00859	0.00737	0.0177	0.0051	13.3	0.00000676	0.000143	0.000282	0.000796	0.0465	0.00000752	2.31	0.00413	2.7	0.0797	0.00078	1.46	0.00529	0.00476	0.0000974	0.000285	0.000211	0.0814	0.00000739	0.000479	0.00058	0.00245
2065 Apr	77.7	0.187	0.136	0.00303	17.1	0.0532	14.8	0.00000749	0.0171	0.00858	0.00738	0.0176	0.00509	13.3	0.00000677	0.000143	0.000282	0.000796	0.0464	0.00000752	2.31	0.00413	2.7	0.0797	0.00078	1.46	0.0053	0.00476	0.0000975	0.000285	0.000211	0.0814	0.00000738	0.00048	0.00058	0.00245
2065 May	77.8	0.187	0.136	0.00303	17.1	0.0532	14.8	0.0000075	0.0171	0.00858	0.00738	0.0177	0.00509	13.3	0.00000678	0.000143	0.000283	0.000796	0.0464	0.00000753	2.31	0.00413	2.7	0.0798	0.000781	1.46	0.0053	0.00476	0.0000977	0.000285	0.000212	0.0815	0.00000739	0.00048	0.000581	0.00245
2065 Jun	77.4	0.187	0.136	0.00303	17.1	0.0531	14.6	0.00000746	0.017	0.0084	0.00735	0.0176	0.00512	13.2	0.00000672	0.000142	0.000281	0.000792	0.0464	0.00000747	2.3	0.00413	2.68	0.0795	0.000771	1.46	0.00523	0.00476	0.0000969	0.000282	0.000209	0.0813	0.00000736	0.000475	0.000576	0.00244
2065 Jul	77.4	0.187	0.136	0.00304	17.1	0.0532	14.6	0.00000746	0.0171	0.00836	0.00735	0.0176	0.00514	13.2	0.00000672	0.000142	0.000281	0.000792	0.0464	0.00000748	2.3	0.00413	2.68	0.0795	0.00077	1.46	0.00522	0.00476	0.0000968	0.000282	0.000209	0.0813	0.00000737	0.000475	0.000577	0.00245
2065 Aug	77.4	0.187	0.136	0.00303	17.1	0.0532	14.6	0.00000747	0.0171	0.00835	0.00736	0.0176	0.00513	13.2	0.00000673	0.000142	0.000281	0.000793	0.0464	0.00000749	2.3	0.00413	2.69	0.0796	0.000771	1.46	0.00522	0.00476	0.0000969	0.000283	0.000209	0.0813	0.00000738	0.000476	0.000578	0.00245
2065 Sep	77.3	0.187	0.135	0.00301	17	0.0532	14.6	0.00000746	0.0171	0.0083	0.00735	0.0176	0.00509	13.2	0.00000672	0.000142	0.000281	0.000792	0.0464	0.00000748	2.3	0.00412	2.68	0.0796	0.000769	1.46	0.0052	0.00476	0.0000968	0.000282	0.000209	0.0812	0.00000738	0.000476	0.000577	0.00245
2065 Oct	77.2	0.187	0.135	0.003	17	0.0531	14.6	0.00000746	0.0171	0.00826	0.00735	0.0176	0.00506	13.2	0.00000671	0.000142	0.000281	0.000792	0.0464	0.00000748	2.3	0.00411	2.68	0.0795	0.000767	1.46	0.00519	0.00476	0.0000968	0.000282	0.000208	0.0811	0.00000737	0.000475	0.000576	0.00244
2065 Nov	77.2	0.186	0.134	0.00299	17	0.0531	14.6	0.00000746	0.0171	0.00824	0.00735	0.0176	0.00505	13.2	0.00000671	0.000142	0.000281	0.000791	0.0463	0.00000748	2.3	0.0041	2.68	0.0794	0.000766	1.46	0.00519	0.00475	0.000097	0.000282	0.000208	0.081	0.00000737	0.000475	0.000576	0.00244
2065 Dec	77.2	0.186	0.134	0.00299	17	0.0531	14.6	0.00000746	0.0171	0.00823	0.00735	0.0176	0.00504	13.2	0.00000672	0.000142	0.000281	0.000792	0.0463	0.00000749	2.3	0.0041	2.68	0.0795	0.000766	1.46	0.00519	0.00475	0.0000971	0.000282	0.000209	0.081	0.00000737	0.000476	0.000576	0.00245
2066 Jan	77.3	0.186	0.134	0.00299	17	0.0531	14.6	0.00000747	0.0171	0.00823	0.00735	0.0176	0.00504	13.2	0.00000673	0.000142	0.000281	0.000792	0.0463	0.00000749	2.3	0.00411	2.68	0.0795	0.000766	1.45	0.0052	0.00475	0.0000972	0.000282	0.000209	0.0811	0.00000737	0.000477	0.000577	0.00244
2066 Feb	77.3	0.186	0.134	0.00299	17	0.0531	14.7	0.00000747	0.0171	0.00823	0.00735	0.0176	0.00504	13.2	0.00000674	0.000142	0.000281	0.000792	0.0463	0.0000075	2.3	0.00411	2.68	0.0795	0.000766	1.45	0.00521	0.00475	0.0000973	0.000282	0.00021	0.0811	0.00000737	0.000477	0.000577	0.00244
2066 Mar	77.4	0.186	0.134	0.00298	17	0.053	14.7	0.00000747	0.0171	0.00822	0.00736	0.0176	0.00503	13.2	0.00000675	0.000142	0.000281	0.000792	0.0463	0.0000075	2.3	0.00411	2.68	0.0795	0.000766	1.45	0.00521	0.00474	0.0000974	0.000282	0.00021	0.0811	0.00000737	0.000478	0.000577	0.00244
2066 Apr	77.4	0.186	0.134	0.00298	17.1	0.053	14.7	0.00000747	0.0171	0.00822	0.00736	0.0176	0.00503	13.2	0.00000676	0.000142	0.000282	0.000792	0.0462	0.00000751	2.3	0.00411	2.68	0.0796	0.000766	1.45	0.00522	0.00474	0.0000976	0.000282	0.000211	0.0811	0.00000736	0.000478	0.000577	0.00244
2066 May	77.5	0.186	0.134	0.00298	17.1	0.053	14.7	0.00000748	0.0171	0.00822	0.00736	0.0176	0.00503	13.2	0.00000677	0.000142	0.000282	0.000792	0.0462	0.00000752	2.3	0.00411	2.68	0.0797	0.000766	1.45	0.00523	0.00474	0.0000977	0.000282	0.000211	0.0812	0.00000737	0.000479	0.000578	0.00244
2066 Jun	77.1	0.186	0.133	0.00296	17	0.0529	14.5	0.00000745	0.017	0.00804	0.00733	0.0175	0.005	13.1	0.00000671	0.000141	0.00028	0.000788	0.0462	0.00000746	2.29	0.00409	2.67	0.0794	0.000757	1.45	0.00515	0.00474	0.0000969	0.000279	0.000208	0.0808	0.00000735	0.000474	0.000573	0.00243
2066 Jul	77	0.186	0.133	0.00297	17	0.053	14.5	0.00000745	0.0171	0.008	0.00734	0.0176	0.00501	13.1	0.0000067	0.000141	0.00028	0.000788	0.0462	0.00000747	2.29	0.00409	2.66	0.0794	0.000756	1.45	0.00514	0.00474	0.0000969	0.00028	0.000208	0.0808	0.00000736	0.000474	0.000574	0.00244
2066 Aug	77.1	0.186	0.133	0.00296	17	0.0531	14.5	0.00000746	0.0171	0.00799	0.00734	0.0176	0.005	13.1	0.00000671	0.000142	0.000281	0.000789	0.0462	0.00000748	2.29	0.00409	2.67	0.0795	0.000757	1.45	0.00514	0.00475	0.0000969	0.00028	0.000208	0.0809	0.00000737	0.000475	0.000574	0.00244
2066 Sep	76.9	0.186	0.132	0.00294	16.9	0.053	14.5	0.00000745	0.0171	0.00794	0.00733	0.0176	0.00496	13.1	0.0000067	0.000141	0.00028	0.000788	0.0462	0.00000747	2.29	0.00407	2.66	0.0794	0.000755	1.45	0.00513	0.00474	0.0000968	0.00028	0.000208	0.0807	0.00000736	0.000474	0.000574	0.00244
2066 Oct	76.8	0.185	0.132	0.00292	16.9	0.053	14.4	0.00000744	0.0171	0.00789	0.00732	0.0175	0.00492	13.1	0.00000668	0.000141	0.00028	0.000787	0.0462	0.00000746	2.29	0.00406	2.66	0.0793	0.000752	1.45	0.00511	0.00474	0.0000968	0.000279	0.000207	0.0805	0.00000736	0.000473	0.000573	0.00244
2066 Nov	76.8	0.185	0.132	0.00292	16.9	0.053	14.4	0.00000744	0.0171	0.00787	0.00732	0.0175	0.0049	13.1	0.00000669	0.000141	0.00028	0.000787	0.0462	0.00000747	2.29	0.00405	2.65	0.0792	0.000751	1.45	0.0051	0.00474	0.0000969	0.000279	0.000207	0.0805	0.00000735	0.000474	0.000573	0.00244
2066 Dec	76.8	0.185	0.131	0.00291	16.9	0.0529	14.5	0.00000744	0.0171	0.00786	0.00733	0.0175	0.0049	13.1	0.00000669	0.000141	0.00028	0.000787	0.0461	0.00000747	2.29	0.00406	2.66	0.0793	0.000751	1.45	0.00511	0.00474	0.000097	0.000279	0.000208	0.0805	0.00000735	0.000474	0.000573	0.00244
2067 Jan	76.9	0.185	0.131	0.00291	16.9	0.0529	14.5	0.00000744	0.0171	0.00786	0.00733	0.0175	0.0049	13.1	0.0000067	0.000141	0.00028	0.000788	0.0461	0.00000748	2.29	0.00406	2.66	0.0793	0.000751	1.45	0.00512	0.00473	0.0000971	0.000279	0.000208	0.0805	0.00000735	0.000475	0.000573	0.00244
2067 Feb	76.9	0.185	0.131	0.00291	16.9	0.0529	14.5	0.00000745	0.0171	0.00786	0.00733	0.0175	0.00489	13.1	0.00000671	0.000141	0.00028	0.000788	0.0461	0.00000748	2.29	0.00406	2.66	0.0793	0.000751	1.45	0.00512	0.00473	0.0000973	0.000279	0.000209	0.0805	0.00000735	0.000475	0.000573	0.00243
2067 Mar	77	0.184	0.131	0.00291	16.9	0.0529	14.5	0.00000745	0.0171	0.00785	0.00733	0.0175	0.00489	13.1	0.00000672	0.000141	0.00028	0.000788	0.0461	0.00000749	2.29	0.00406	2.66	0.0793	0.000751	1.44	0.00513	0.00473	0.0000974	0.000279	0.000209	0.0806	0.00000735	0.000476	0.000573	0.00243
2067 Apr	77	0.184	0.131	0.00291	17	0.0528	14.6	0.00000745	0.0171	0.00785	0.00733	0.0175	0.00489	13.1	0.00000673	0.000141	0.000281	0.000788	0.0461	0.00000749	2.29	0.00406	2.66	0.0794	0.000751	1.44	0.00514	0.00473	0.0000975	0.000279	0.00021	0.0806	0.00000734	0.000476	0.000573	0.00243
2067 May	77.1	0.184	0.131	0.00291	17	0.0529	14.6	0.00000746	0.0171	0.00785	0.00734	0.0175	0.00489	13.1	0.00000674	0.000141	0.000281	0.000788	0.0461	0.0000075	2.29	0.00406	2.66	0.0795	0.000751	1.45	0.00514	0.00473	0.0000977	0.00028	0.00021	0.0806	0.00000735	0.000477	0.000574	0.00244
2067 Jun	76.7	0.185	0.131	0.0029	16.9	0.0528	14.4	0.00000742	0.017	0.00768	0.00731	0.0175	0.00489	13	0.00000668	0.00014	0.000279	0.000784	0.046	0.00000744	2.28	0.00405	2.64	0.0792	0.000743	1.44	0.00507	0.00472	0.0000969	0.000277	0.000207	0.0804	0.00000733	0.000472	0.00057	0.00242
2067 Jul	76.6	0.185	0.131	0.0029	16.9	0.0528	14.4	0.00000743	0.0171	0.00765	0.00731	0.0175	0.00491	13	0.00000668	0.000141	0.000279	0.000784	0.046	0.00000745	2.28	0.00405	2.64	0.0792	0.000742	1.44	0.00506	0.00473	0.0000968	0.000277	0.000207	0.0804	0.00000733	0.000472	0.00057	0.00243
2067 Aug	76.7	0.185	0.131	0.0029	16.9	0.0529	14.4	0.00000744	0.0171	0.00763	0.00732	0.0175	0.00489	13	0.00000669	0.000141	0.00028	0.000785	0.0461	0.00000746	2.29	0.00405	2.64	0.0793	0.000742	1.44	0.00506	0.00473	0.0000969	0.000277	0.000207	0.0804	0.00000735	0.000473	0.000571	0.00243
2067 Sep	76.5	0.185	0.13	0.00288	16.9	0.0529	14.4	0.00000743	0.0171	0.00759	0.00731	0.0175	0.00485	13	0.00000667	0.000141	0.000279	0.000784	0.046	0.00000746	2.28	0.00403	2.64	0.0792	0.00074	1.44	0.00504	0.00473	0.0000967	0.000277	0.000207	0.0802	0.00000734	0.000473	0.00057	0.00243
2067 Oct	76.4	0.184	0.13	0.00286	16.8	0.0528	14.3	0.00000742	0.0171	0.00754	0.0073	0.0175	0.00481	13	0.00000666	0.00014	0.000279	0.000783	0.046	0.00000744	2.28	0.00402	2.63	0.0791	0.000738	1.44	0.00503	0.00472	0.0000967	0.000276	0.000206	0.0801	0.00000733	0.000472	0.000569	0.00243
2067 Nov	76.4	0.184	0.129	0.00286	16.8	0.0528	14.3	0.00000742	0.0171	0.00752	0.0073	0.0175	0.0048	13	0.00000666	0.00014	0.000279	0.000783	0.046	0.00000745	2.28	0.00402	2.63	0.079	0.000737	1.44	0.00502	0.00472	0.0000968	0.000276	0.000206	0.0801	0.00000733	0.000472	0.000569	0.00243
2067 Dec	76.4	0.184	0.129	0.00285	16.8	0.0528	14.3	0.00000742	0.0171	0.00752	0.0073	0.0175	0.0048	13	0.00000667	0.00014	0.000279	0.000783	0.046	0.00000745	2.28	0.00402	2.63	0.0791	0.000737	1.44	0.00503	0.00472	0.000097	0.000276	0.000207	0.0801	0.00000733	0.000472	0.000569	0.00243
2068 Jan	76.5	0.184	0.129	0.00285	16.8	0.0528	14.4	0.00000742	0.0171	0.00751	0.0073	0.0175	0.00479	13	0.00000668	0.00014	0.000279	0.000784	0.0459	0.00000746	2.28	0.00402	2.64	0.0791	0.000737	1.44	0.00504	0.00472	0.0000971	0.000277	0.000207	0.0801	0.00000733	0.000473	0.000569	0.00243
2068 Feb	76.5	0.183	0.129	0.00285	16.8	0.0527	14.4	0.00000743	0.0171	0.00751	0.00731	0.0175	0.00479	13	0.00000669	0.00014	0.000279	0.000784	0.0459	0.00000746	2.28	0.00402	2.64	0.0791	0.000737	1.44	0.00504	0.00471	0.0000972	0.000277	0.000208	0.0801	0.00000733	0.000473	0.00057	0.00243
2068 Mar	76.6	0.183	0.129	0.00285	16.9	0.0527	14.4	0.00000743	0.0171	0.0075	0.00731	0.0175	0.00479	13	0.0000067	0.00014	0.00028	0.000784	0.0459	0.00000747	2.28	0.00402	2.64	0.0791	0.000737	1.44	0.00505	0.00471	0.0000973	0.000277	0.000208	0.0801	0.00000733	0.000474	0.00057	0.00243
2068 Apr	76.6	0.183	0.129	0.00285	16.9	0.0527	14.5	0.00000743	0.0171	0.0075	0.00731	0.0175	0.00479	13	0.00000671	0.00014	0.00028	0.000784	0.0459	0.00000747	2.28	0.00402	2.64	0.0792	0.000737	1.44	0.00506	0.00471	0.0000975	0.000277	0.000209	0.0801	0.00000732	0.000474	0.00057	0.00242
2068 May	76.7	0.183	0.129	0.00285	16.9	0.0527	14.5	0.00000744	0.0171	0.0075	0.00732	0.0175	0.00478	13.1	0.00000672	0.00014	0.00028	0.000784	0.0459	0.00000748	2.28	0.00402	2.64	0.0793	0.000737	1.44	0.00506	0.00471	0.0000976	0.000277	0.000209	0.0802	0.00000733	0.000475	0.00057	0.00243
2068 Jun	76.3	0.183	0.128	0.00284	16.8	0.0526	14.3	0.0000074	0.017	0.00734	0.00729	0.0174	0.00478	13	0.00000666	0.00014	0.000278	0.00078	0.0458	0.00000742	2.27	0.00401	2.62	0.079	0.000729	1.43	0.00499	0.00471	0.0000968	0.000274	0.000206	0.0799	0.0000073	0.00047	0.000566	0.00242
2068 Jul	76.3	0.184	0.129	0.00284	16.8	0.0527	14.3	0.00000741	0.0171	0.00731	0.00729	0.0174	0.00479	13	0.00000665	0.00014	0.000278	0.00078	0.0459	0.00000743	2.27	0.00401	2.62	0.079	0.000728	1.44	0.00498	0.00471	0.0000968	0.000274	0.000206	0.0799	0.00000732	0.00047	0.000566	0.00242
2068 Aug	76.3	0.184	0.128	0.00284	16.8	0.0527	14.3	0.00000742	0.0171	0.0073	0.0073	0.0174	0.00478	13	0.00000666	0.00014	0.000279	0.000781	0.0459	0.00000744	2.28	0.00401	2.62	0.0791	0.000729	1.44	0.00499	0.00471	0.0000969	0.000275	0.000206	0.0799	0.00000732	0.000471	0.000567	0.00242
2068 Sep	76.2	0.183	0.128	0.00282	16.8	0.0527	14.2	0.00000741	0.0171	0.00726	0.00729	0.0174	0.00474	12.9	0.00000665	0.00014	0.000278	0.00078	0.0458	0.00000743	2.27	0.00399	2.62	0.079	0.000727	1.43	0.00497	0.00471	0.0000967	0.000274	0.000206	0.0798	0.00000732	0.00047	0.000566	0.00242
2068 Oct	76.1	0.183	0.127	0.0028	16.7	0.0526	14.2	0.0000074	0.0171	0.00721	0.00728	0.0174	0.0047	12.9	0.00000664	0.00014	0.000278	0.000779	0.0458	0.00000742	2.27	0.00398	2.62	0.0789	0.000725	1.43	0.00495	0.00471	0.0000967	0.000274	0.000205	0.0796	0.00000731	0.000469	0.000565	0.00242
2068 Nov	76.1	0.183	0.127	0.0028	16.7	0.0526	14.2	0.0000074	0.0171	0.00719	0.00728	0.0174	0.00469	12.9	0.00000664	0.00014	0.000278	0.000779	0.0458	0.00000742	2.27	0.00398	2.61	0.0789	0.000724	1.43	0.00495	0.00471	0.0000968	0.000274	0.000205	0.0796	0.00000731	0.000469	0.000565	0.00242
2068 Dec	76.1	0.183	0.127	0.00279	16.7	0.0526	14.2	0.0000074	0.0171	0.00719	0.00728	0.0174	0.00469	12.9	0.00000665	0.00014	0.000278	0.00078	0.0458	0.00000743	2.27	0.00398	2.62	0.0789	0.000724	1.43	0.00496	0.0047	0.0000969	0.000274	0.000206	0.0796	0.00000731	0.00047	0.000565	0.00242
2069 Jan	76.1	0.183	0.127	0.00279	16.8	0.0526	14.3	0.0000074	0.0171	0.00719	0.00728	0.0174	0.00468	12.9	0.00000666	0.00014	0.000278	0.00078	0.0458	0.00000743	2.27	0.00398	2.62	0.0789	0.000724	1.43	0.00496	0.0047	0.0000971	0.000274	0.000206	0.0796	0.00000731	0.000471	0.000565	0.00242
2069 Feb	76.2	0.182	0.127	0.00279	16.8	0.0526	14.3	0.0000074	0.0171	0.00718	0.00728	0.0174	0.00468	12.9	0.00000666	0.00014	0.000278	0.00078	0.0457	0.00000744	2.27	0.00398	2.62	0.0789	0.000724	1.43	0.00497	0.0047	0.0000972	0.000274	0.000207	0.0796	0.0000073	0.000471	0.000566	0.00242
2069 Mar	76.2	0.182	0.127	0.00279	16.8	0.0525	14.3	0.00000741	0.0171	0.00718	0.00729	0.0174	0.00468	13	0.00000667	0.000139	0.000279	0.00078	0.0457	0.00000744	2.27	0.00398	2.62	0.079	0.000724	1.43	0.00498	0.00469	0.0000973	0.000274	0.000207	0.0797	0.0000073	0.000471	0.000566	0.00242
2069 Apr	76.3	0.182	0.127	0.00279	16.8	0.0525	14.3	0.00000741	0.0171	0.00718	0.00729	0.0174	0.00468	13	0.00000668	0.000139	0.000279	0.00078	0.0457	0.00000744	2.27	0.00398	2.62	0.079	0.000724	1.43	0.00498	0.00469	0.0000974	0.000274	0.000208	0.0797	0.0000073	0.000472	0.000566	0.00241
2069 May	76.4	0.182	0.127	0.00279	16.8	0.0525	14.4	0.00000741	0.0171	0.00718	0.00729	0.0174	0.00468	13	0.00000669	0.000139	0.000279	0.00078	0.0457	0.00000745	2.27	0.00398	2.62	0.0791	0.000724	1.43	0.00499	0.00469	0.0000976	0.000274	0.000208	0.0797	0.0000073	0.000473	0.000566	0.00242
2069 Jun	75.9	0.182	0.126	0.00277	16.7	0.0524	14.2	0.00000738	0.017	0.00702	0.00726	0.0173	0.00466	12.9	0.00000663	0.000139	0.000278	0.000776	0.0457	0.00000738	2.26	0.00396	2.6	0.0788	0.000716	1.43	0.00492	0.00469	0.0000968	0.000271	0.000205	0.0794	0.00000727	0.000467	0.000561	0.0024
2069 Jul	75.9	0.183	0.126	0.00278	16.7	0.0525	14.2	0.00000738	0.017	0.007	0.00726	0.0174	0.00468	12.9	0.00000663	0.000139	0.000278	0.000776	0.0457	0.00000739	2.26	0.00397	2.6	0.0788	0.000715	1.43	0.00491	0.0047	0.0000967	0.000271	0.000205	0.0795	0.00000728	0.000467	0.000562	0.00241
2069 Aug	76	0.183	0.126	0.00277	16.7	0.0526	14.2	0.00000739	0.017	0.00699	0.00727	0.0174	0.00466	12.9	0.00000664	0.000139	0.000278	0.000777	0.0457	0.0000074	2.27	0.00397	2.61	0.0789	0.000716	1.43	0.00492	0.0047	0.0000968	0.000271	0.000205	0.0795	0.00000729	0.000468	0.000563	0.00241
2069 Sep	75.9	0.182	0.126	0.00276	16.7	0.0525	14.1	0.00000738	0.017	0.00695	0.00726	0.0174	0.00463	12.9	0.00000663	0.000139	0.000278	0.000777	0.0457	0.0000074	2.27	0.00395	2.6	0.0789	0.000714	1.43	0.0049	0.0047	0.0000967	0.000271	0.000205	0.0794	0.00000729	0.000467	0.000562	0.00241
2069 Oct	75.8	0.182	0.125	0.00275	16.7	0.0525	14.1	0.00000738	0.017	0.00692	0.00726	0.0173	0.0046	12.9	0.00000662	0.000139	0.000277	0.000776	0.0457	0.00000739	2.26	0.00394	2.6	0.0788	0.000712	1.42	0.00489	0.00469	0.0000967	0.000271	0.000204	0.0793	0.00000728	0.000467	0.000561	0.00241
2069 Nov	75.8	0.182	0.125	0.00274	16.7	0.0525	14.1	0.00000738	0.017	0.0069	0.00726	0.0173	0.00459	12.9	0.00000662	0.000139	0.000277	0.000776	0.0456	0.0000074	2.26	0.00394	2.6	0.0787	0.000712	1.42	0.00489	0.00469	0.0000969	0.000271	0.000205	0.0792	0.00000728	0.000467	0.000561	0.00241
2069 Dec	75.8	0.182	0.125	0.00274	16.7	0.0525	14.2	0.00000738	0.017	0.0069	0.00726	0.0173	0.00458	12.9	0.00000663	0.000139	0.000277	0.000776	0.0456	0.0000074	2.26	0.00394	2.6	0.0788	0.000712	1.42	0.0049	0.00469	0.000097	0.000271	0.000205	0.0792	0.00000728	0.000468	0.000562	0.00241
2070 Jan	75.9	0.182	0.125	0.00274	16.7	0.0524	14.2	0.00000738	0.017	0.0069	0.00726	0.0173	0.00458	12.9	0.00000664	0.000139	0.000278	0.000776	0.0456	0.0000074	2.26	0.00394	2.6	0.0788	0.000712	1.42	0.0049	0.00469	0.0000971	0.000271	0.000205	0.0793	0.00000728	0.000468	0.000562	0.00241
2070 Feb	75.9	0.181	0.125	0.00273	16.7	0.0524	14.2	0.00000738	0.017	0.00689	0.00726	0.0173	0.00458	12.9	0.00000664	0.000139	0.000278	0.000776	0.0456	0.00000741	2.26	0.00394	2.6	0.0788	0.000712	1.42	0.00491	0.00468	0.0000972	0.000271	0.000206	0.0793	0.00000727	0.000469	0.000562	0.00241
2070 Mar	76	0.181	0.125	0.00273	16.7	0.0524	14.2	0.00000739	0.017	0.00689	0.00727	0.0173	0.00458	12.9	0.00000665	0.000139	0.000278	0.000776	0.0456	0.00000741	2.26	0.00394	2.6	0.0788	0.000712	1.42	0.00491	0.00468	0.0000973	0.000271	0.000206	0.0793	0.00000727	0.000469	0.000562	0.00241
2070 Apr	76	0.181	0.124	0.00273	16.7	0.0524	14.3	0.00000739	0.017	0.00689	0.00727	0.0173	0.00457	12.9	0.00000666	0.000139	0.000278	0.000777	0.0456	0.00000741	2.26	0.00394	2.6	0.0789	0.000712	1.42	0.00492	0.00468	0.0000975	0.000271	0.000207	0.0793	0.00000727	0.000469	0.000562	0.0024
2070 May	76.1	0.181	0.124	0.00273	16.7	0.0524	14.3	0.0000074	0.017	0.00688	0.00727	0.0173	0.00457	12.9	0.00000667	0.000139	0.000279	0.000777	0.0456	0.00000742	2.26	0.00395	2.61	0.079	0.000712	1.42	0.00493	0.00468	0.0000976	0.000271	0.000208	0.0794	0.00000727	0.00047	0.000562	0.00241
2070 Jun	75.7	0.181	0.124	0.00271	16.6	0.0523	14.1	0.00000736	0.0169	0.00674	0.00724	0.0173	0.00453	12.8	0.00000661	0.000138	0.000277	0.000773	0.0455	0.00000735	2.25	0.00392	2.59	0.0787	0.000704	1.42	0.00486	0.00468	0.0000968	0.000268	0.000204	0.079	0.00000724	0.000464	0.000557	0.00239
2070 Jul	75.7	0.181	0.124	0.00271	16.6	0.0523	14.1	0.00000736	0.0169	0.00671	0.00724	0.0173	0.00454	12.8	0.00000661	0.000138	0.000277	0.000773	0.0455	0.00000736	2.26	0.00392	2.59	0.0787	0.000703	1.42	0.00485	0.00468	0.0000967	0.000268	0.000204	0.079	0.00000725	0.000464	0.000558	0.0024
2070 Aug	75.7	0.181	0.124	0.00271	16.7	0.0524	14.1	0.00000737	0.017	0.00671	0.00725	0.0173	0.00452	12.8	0.00000661	0.000138	0.000277	0.000774	0.0456	0.00000737	2.26	0.00392	2.59	0.0788	0.000704	1.42	0.00485	0.00468	0.0000968	0.000268	0.000204	0.0791	0.00000726	0.000465	0.000558	0.0024
2070 Sep	75.6	0.181	0.123	0.00269	16.6	0.0524	14.1	0.00000736	0.017	0.00667	0.00724	0.0173	0.00449	12.8	0.0000066	0.000138	0.000277	0.000773	0.0455	0.00000736	2.26	0.00391	2.59	0.0787	0.000702	1.42	0.00484	0.00468	0.0000967	0.000268	0.000204	0.0789	0.00000725	0.000464	0.000558	0.0024
2070 Oct	75.5	0.181	0.122	0.00267	16.6	0.0523	14	0.00000735	0.017	0.00663	0.00723	0.0173	0.00445	12.8	0.00000659	0.000138	0.000276	0.000772	0.0455	0.00000735	2.25	0.00389	2.58	0.0786	0.0007	1.42	0.00482	0.00468	0.0000967	0.000267	0.000203	0.0788	0.00000725	0.000464	0.000557	0.0024
2070 Nov	75.5	0.18	0.122	0.00267	16.6	0.0523	14	0.00000735	0.017	0.00661	0.00723	0.0173	0.00444	12.8	0.00000659	0.000138	0.000276	0.000772	0.0455	0.00000736	2.25	0.00389	2.58	0.0786	0.0007	1.41	0.00482	0.00468	0.0000968	0.000267	0.000203	0.0787	0.00000725	0.000464	0.000557	0.0024
2070 Dec	75.5	0.18	0.122	0.00267	16.6	0.0523	14	0.00000736	0.017	0.00661	0.00723	0.0173	0.00444	12.8	0.0000066	0.000138	0.000277	0.000773	0.0455	0.00000736	2.25	0.00389	2.58	0.0786	0.0007	1.41	0.00483	0.00467	0.0000969	0.000267	0.000204	0.0788	0.00000725	0.000465	0.000557	0.0024

APPENDIX C • 2023 FRESHET ACTION PLAN

AGNICO EAGLE

MEADOWBANK COMPLEX

WHALE TAIL FRESHET ACTION PLAN

MARCH 2023

VERSION 5

EXECUTIVE SUMMARY

The purpose of this Freshet Action Plan is to identify areas of concern around the Whale Tail Mine and the associated Hauling road needing to be managed in an organized and timely manner during the annual freshet period to prevent adverse environmental and operational impacts. The Plan outlines specified actions that will be taken by Agnico to manage and mitigate areas where environmental incidents could occur, as well as addressing historical incidents, specifically the WRSF dike seepage.

The freshet period is typically initiated during the annual snow and ice melt sometime around mid-May. During this period excess water is created and must be managed through additional pumping and management practices at vulnerable areas around the site. Mitigation techniques, timeframes and specified roles and responsibilities are outlined in this document for each area of concern.

The main areas of concern are the mining pit, the WT WRSF surrounding and pond, the IVR WRSF, the Whale Tail Attenuation Pond, the IVR attenuation Pond, the South Whale Tail Diversion Channel, and the IVR Diversion Channel.

It is important for all water management and associated infrastructure to be in good working order and adequate to manage the expected water flows associated with the freshet period; this includes but is not limited to pumps, ditch, culvert and sump maintenance, critical piping system installation and inspection, as well as adequate resource allocation for preparative work. A summary of the 2023 preparation works and roles and responsibilities is presented in the attached Appendix 1 (2023 Freshet Action Plan Procedures). Appendix 1 will be updated yearly to reflect changes in conditions at the Whale Tail site.

DOCUMENT CONTROL

Revision				Pages Revised	Remarks
#	Prep.	Rev.	Date		
01	Agnico	Internal	March 2019	All	Initial Version
02	Agnico	Internal	March 2020	All	Comprehensive update from 2019 plan
03	Agnico	Internal	March 2021	All	Comprehensive update from 2020 plan to include IVR infrastructures
04	Agnico	Internal	March 2022	All	Comprehensive update from 2021 plan
05	Agnico	Internal	March 2023	2	Figure 2-1 was updated
				5	Included the new pads that were built in 2022
				6	Section 2.13 was added to include the east and west abutment
				Appendix 2	Included a 2023 version
				Appendix 3	Included a 2023 version - Modifications with the pit transfers

Prepared By: Meadowbank Environment

Approved by:

Eric Haley

Environment & Critical Infrastructure Superintendent

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1 INTRODUCTION

The purpose of the Whale Tail (WT) Freshet Action Plan is to ensure that Agnico can address and manage excess water associated with the freshet season at the Whale Tail site, and to ensure Agnico has implemented specific management and mitigation measures in response to environmental incidents with potential for off site impacts to water or land.

The freshet season is loosely defined as starting approximately May 15th, and in some cases, actions and mitigation measures can extend up to early fall when freezing re-occurs. There are many areas around the site that are vulnerable to excess water; the goal is to identify these areas and develop a clear plan with defined roles and responsibilities (amongst Agnico departments), and to manage the freshet flows.

In addition, several guiding principles are applicable to the formation of this plan. The highest priority principles are:

1) to ensure that the health and safety of Agnico employees is protected, especially with respect to mining operations when excess water is present;
2) to ensure that mine contact water from runoff or seepage is managed to prevent adverse environmental impacts; and
3) to make sure the site is in compliance with the Nunavut Water Board (NWB) License, Part D, Item 21 and Part E, Item 11.

The plan will identify the areas of concern and discuss the potential risks as well as mitigation measures necessary to address the identified issues. The overall site footprint has increased, and experience needs to be gained in identifying key location; lessons learned from the Meadowbank site will provide the necessary guidance. Appendix 1 contains the defined 2023 procedures, the roles and responsibilities and associated timelines. Agnico’s intent is to update the Procedural Appendix on a yearly basis. There may be additional mitigation measures for a defined problem area or in some cases a previously defined issue may be permanently rectified.

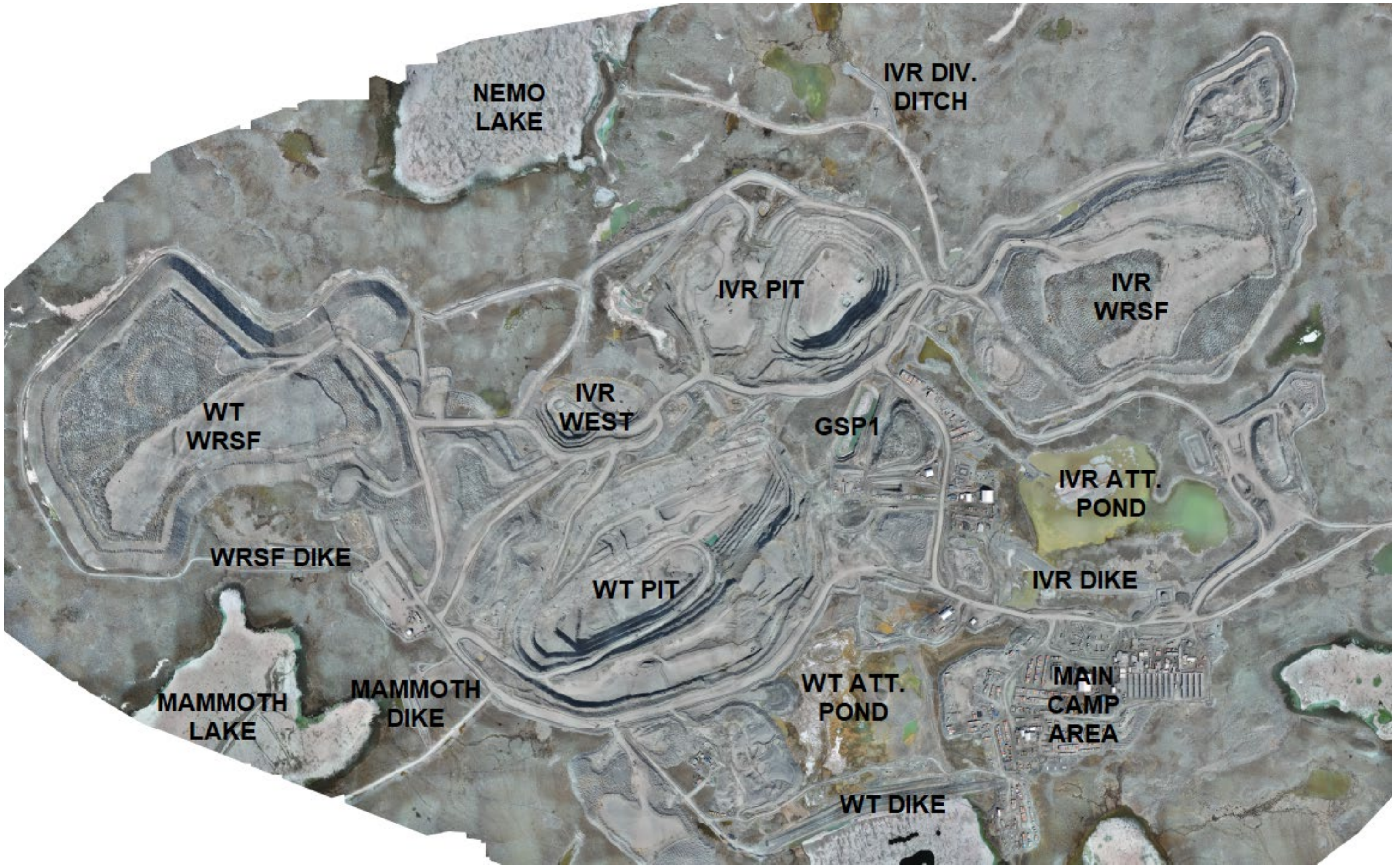
The main areas of concern are:

- Mining pits and pit walls;
- Whale Tail WRSF and WRSF pond;
- IVR WRSF;
- South Whale Tail Diversion Channel;
- IVR Diversion Channel;
- Whale Tail Attenuation pond;
- Whale Tail Dike Seepage;
- IVR Attenuation Pond;
- WT Fuel Tank farms;
- Haul road culverts and bridges;
- Pads and roads built since 2022;
- Underground WRSF;and
- Whale Tail Dike East and West Abutment.

Each area identified above will be discussed in detail below. All areas of concern are considered priorities based on the guiding principles.

2 AREAS OF CONCERN

Table 2-1 View of Whale Tail Areas



2.1 MINING PITS AND PIT WALLS

All ramps, jump ramps, ditches and sumps must be cleaned of all ice and snow before May in order to contain any water resulting from the snow melt. All allocated pumps must be checked and serviced before the month of May. In addition, a check must be completed confirming that all piping systems starting from the different pits leading to the Whale Tail attenuation pond are free of ice, or any obstruction.

The water management strategy for the pits will be to send water from the WT Pit and IVR Pit area to either the WT Attenuation Pond or the IVR Attenuation Pond.

- A sump and ditch system is used to manage runoff water within the pit footprints. The infrastructures location will be modified or added as required based on the mining sequence.
- Sumps outside of the pit footprint are planned to prevent runoff from reporting to the Pit and to prevent water from ponding against the pit crest;
  - At WT Pit this includes the sumps located at the downstream area of Mammoth Dike and the North-West sump;
  - At IVR Pit this include the sump located in former Lake A47 (A47-S sump) and in the Northern area of IVR Pit (A47-N sump).

2.2 WHALE TAIL WASTE ROCK STORAGE FACILITY

Runoff from the Whale Tail Waste Rock Storage Facility (WT WRSF) is collected by 5 sumps (WT WRSF 1,2,3,4 & 5) as well as the WRSF pond delimited by WRSF Dike. Water from these sumps is pumped to the WRSF Pond and the WRSF Pond water is pumped to the WT Attenuation Pond or IVR Attenuation Pond.

The WT WRSF will require weekly inspections around the perimeter beginning as soon as the freshet starts (May) until freeze up to identify any seepage. In the event that seepage is observed from the WT WRSF, it must be reported to the Environment Departments and samples must be taken to determine the water quality and source. A mitigation plan will be prepared and implemented if necessary. Based on field observation, it may be deemed necessary to remove snow accumulation in the sumps around the WT WRSF to mitigate risk of snowmelt reporting to the surrounding environment. Runoff originating from the WT WRSF ultimately ends up in the WT WRSF pond. In August 2019, seepage from this pond was found to have reported through the WRSF Dike to the Mammoth lake. Remediation measures put in place in 2020 demonstrated to be successful. Daily inspections of the WRSF Downstream Pond will be required to confirm no seepage is occurring. A pump must be available in this location to pump any water potentially seeping through the structure back into the WRSF Pond.

2.3 IVR WASTE ROCK STORAGE FACILITY

Runoff from the IVR Waste Rock Storage Facility (WRSF) is collected by 5 sumps (IW A,B,C,D,E). Water from these sumps is sent to the IVR Attenuation Pond either by pumping or by gravity.

The IVR Waste Rock Storage Facility (IVR WRSF) will require weekly inspections around the perimeter beginning as soon as the freshet starts (May) until freeze up to identify any seepage and ensure that the gravity flow to the IVR Attenuation Pond are occurring as planned. In the event that seepage is observed from the IVR WRSF, it must be reported to the Environment Departments and samples must be taken to determine the water quality and source. A mitigation plan will be prepared and implemented if necessary. Based on field observation, it may be deemed necessary to remove snow accumulation in key locations around the IVR WRSF to mitigate risk of snowmelt reporting to the surrounding environment.

2.4 SOUTH WHALE TAIL DIVERSION CHANNEL

The South Whale Tail Diversion Channel was constructed in 2020. In early May, partial snow removal will be required in this infrastructure to form a preferential water path and prevent snow blockage. Daily inspection at the start of freshet will be required until freshet is completed and following rain events, to ensure no contaminant is transported into Mammoth Lake. Turbidity barriers were left in place at the end of the previous summer to secure subsequent freshets. Barrier inspection will be required to ensure they perform as intended.

2.5 IVR DIVERSION CHANNEL

The IVR Diversion Channel was constructed during the fall of 2020. The IVR Diversion Channel serves to divert the watershed reporting to the IVR Pit towards the C-Watershed. This will reduce the amount of contact water to manage on site. In early May, partial snow removal will be required in this infrastructure to form a preferential water path and prevent snow blockage. Daily inspection at the start of freshet will be required until freshet is completed and following rain events, to ensure no contaminant is transported into the surrounding environment. Additional mitigation measures may be required, based on field observations.

2.6 WHALE TAIL ATTENUATION POND

The Whale Tail Attenuation Pond is the secondary contact water management basin on site. Contact water from surrounding infrastructure is pumped to the pond. From there, Whale Tail Attenuation Pond water can be pumped to either the IVR Attenuation Pond or the AsWTP, for treatment, if required, and discharge to approved final effluent locations within Whale Tail South or Mammoth lake. A 10-day notice prior to changing effluent discharge locations must be submitted to CIRNAC. The plant's treatment abilities were designed to remove TSS and arsenic. All piping and the discharge diffuser must be inspected prior to freshet, in order to have all installations in place to proceed with pumping and/or treatment activities during freshet. The pond water levels will be managed closely and inspected regularly.

2.7 WHALE TAIL DIKE SEEPAGE

Water from the Whale Tail Dike seepage is reporting to the WT Attenuation Pond through either a pumping system or by gravity. If water quality criteria are met, it is possible for the system to discharge directly to WTS, a 10-day notice to ECCC would be required. The system is not expected to be put in operation due to the current water quality.

2.8 IVR ATTENUATION POND

The IVR Attenuation Pond is the main contact water management basin on site. Contact water from surrounding infrastructure is pumped to the pond. From there, water can be discharged to approved final effluent locations within Whale Tail South or Mammoth lake, or may be sent to the AsWTP, for treatment, if required, prior to discharge.A 10-day notice prior to changing effluent discharge locations must be submitted to CIRNAC. The plant's treatment abilities were designed to remove TSS and arsenic. All piping and the discharge diffuser must be inspected prior to freshet, in order to have all installations in place to proceed with pumping and/or treatment activities during freshet. The pond water levels will be managed closely and inspected regularly.

2.9 WHALE TAIL FUEL TANK FARMS

The main fuel farm containments were built in 2019, and will be monitored throughout freshet. Snow and ice accumulation within the fuel tank farms must be adequately managed to prevent overflow to the environment and/or damage to the fuel handling systems. The Energy and Infrastructure Department will advise the Environmental Department of their intent to pump the containment area once ice/snow begins to melt. Water samples will be taken in accordance with the Water License to ensure compliance prior to its release. A notice must be provided to the CIRNAC Inspector 10 days prior to this pumping activity. Once sample results have been obtained, the Environmental Department will advise the Energy and Infrastructure Department. If sample results permit, the pumping may begin to direct water to the tundra/ground in a way to prevent erosion.The volume of water pumped from secondary containment(s) will be track by the Energy and Infrastructure Department and/or Environment Department. In the event that the water sample results do not meet discharge criteria the water could be trucked in a tanker and transported to the Meadowbank site to be disposed of in the TSF.

2.10 HAUL ROAD CULVERTS AND BRIDGES

Daily inspections will be undertaken starting in May at all culverts and bridges along the Haul road to ensure that water during freshet is flowing freely and no erosion is occurring. If elevated TSS/Turbidity levels are observed sampling will occur and the results assessed. Turbidity barrier will be installed if required. The Mine department will also be advised if severe erosion/scouring is observed. In addition, snow and ice removal may be required to allow the water to flow as per design specifications. Daily inspections will be performed during the freshet period by the Environment department.

2.11 2022-2023 PAD CONSTRUCTIONS AND ROAD CULVERTS

Weekly inspections at the start of snowmelt will be required to monitor for potential erosion and sediment transport. Mitigation measures may be required to minimize transport of sediments towards water bodies. See below for a list of such constructions:

- Underground Emulsion transfer pads;
- Nemo Lake pad;
- Mammoth Lake road; and
- Qamanittuaq SANA crusher pad.

In addition to the pads, some culverts around site drain towards water bodies. Daily inspections will be undertaken by the Environment Department starting in May for all culverts around the mine site to ensure the water during freshet is flowing freely and no erosion is occurring. If elevated TSS/Turbidity levels are observed sampling will occur and the results assessed. Turbidity control equipment will be installed if required. Snow and ice removal may be required to allow the water to flow as per design specifications.

2.12 UNDERGROUND WRSF WATER COLLECTION SYSTEM

The Underground WRSF Water Collection System was built in 2019 to collect any water running off the underground infrastructure, and direct runoff water into GSP1. Steaming of culverts may be necessary if snow or ice blockage are identified prior to the start of freshet. Weekly inspection will be required during freshet to validate operationality and liner integrity of collection system.

2.13 WHALE TAIL DIKE EAST AND WEST ABUTMENT

In 2022-2023, two thermal berms at the East and West abutment of Whale Tail Dike were built to prevent water to ingress further in the abutment. Daily inspections of the East and West abutment of Whale Tail Dike will be monitored throughout freshet and following rain events. TSS control measures such as turbidity barrier may be installed at the abutments if required.

3 ADAPTIVE WATER MANAGEMENT STRATEGY

An Adaptive Water Management Plan was developed to document specific mitigation measures and associated management actions to be taken when specified thresholds are exceeded. Mitigation measures may include special studies, operational changes, revised or new water and waste management systems, structures and/or facilities, or implementing mitigation activities to prevent, stabilize or reverse a change in environmental conditions or to otherwise protect the receiving environment. The Adaptive Management Plan is to be reviewed periodically to account for the dynamics of mine construction and operation, and adjusted as needed.

Various level thresholds were identified for surface water management, based on the capacity of different water management infrastructure to retain water on site. The objective is to trigger management strategy actions based on the capacity of these structures. The main management response is based on increasing the discharge rate especially when water is meeting effluent discharge criteria.

4 SNOW MANAGEMENT

A snow management procedure has been developed internally in 2020 and will be updated annually. Refer to Appendix 2 for the snow management map. Temporary snow storage dumps and snow accumulation areas of concern were identified on a map. Removal will be managed accordingly.

APPENDIX 1

2023 Freshet Action Plan Procedure

Section	Area of Concern	Role/Action	Responsibilities	Dates
2.1	**MINING PITS AND PIT WALLS**			
2.1	Mining Pit and Pit walls - General	1) Clean all ice, mud and snow on all permanent ramps, jump ramps, etc.	Mine Operations	Before May
		2) Check and service all pumps.	E&I (Energy and Infrastructure) and Maintenance	Before May
		3) Check that all piping systems starting from the pit leading to the Attenuation ponds are free of ice by validating pumping values (if pumping systems active) and/or performing an air test in the pipe with a compressor.	E&I/Mine Operations	Before May
2.2	**WHALE TAIL WASTE ROCK STORAGE FACILITY**			
2.2.	WT WRSF Inspection	1) Weekly inspection around the WRSF perimeter to identify any seepage.	Env. Department	May - as soon as freshet starts until freeze up
		2) Pump if required from the WRSF periphery to WRSF Pond	E&I	May - as soon as freshet starts until freeze up
		3) If seepage observed notify Env Department AND sample for Water License Parameters.	Env. Department	May - as soon as freshet starts until freeze up
	WRSF Pond	**Daily inspection - keep record**	Env. Department	May - until freshet complete

				and after rain events
		1) Maintain WRSF Pond as dry as possible	E&I	May - until freeze up
		2) Pump any water reporting to the WRSF downstream water collection system – Volumes required to be documented	E&I/Engineering	May - until freeze up
		3) Sample upstream and downstream	Env. Department	May - until freeze up
		4) Report any discharge of TSS to Mammoth Lake to ECCC/NWB (if grab > 30 mg/L).	Env. Department	May - until freeze up and after rain events
2.3	**IVR WASTE ROCK STORAGE FACILITY**			
2.3.	IVR WRSF Inspection	1) Weekly inspection around the IVR WRSF perimeter to identify any seepage.	Env. Department	May - as soon as freshet starts until freeze up
		2) Pump if required from the IVR WRSF periphery to IVR attenuation pond	E&I	May - as soon as freshet starts until freeze up
		3) If seepage observed notify Env Department AND sample for Water License Parameters.	Env. Department	May - as soon as freshet starts until freeze up

2.4	**SOUTH WHALE TAIL DIVERSION CHANNEL**			
2.4	South Whale Tail Diversion Channel	1) Daily inspection - keep record	Env. Department	May - until freshet complete and after rain events
		2) Install mitigation measures, if needed (elevated TSS observed), and maintain	Env. Department	May - until freshet complete and after rain events
		3) Sample monitoring for TSS, if excess turbidity observed - use external lab.	Env. Department	May - until freshet complete and after rain events
		4) Report any discharge of TSS to Mammoth Lake to ECCC/NWB (if grab > 30 mg/L).	Env. Department	May - until freshet complete and after rain events
2.5	**IVR DIVERSION CHANNEL**			
2.5	IVR Diversion Channel	1) Daily inspection - keep record	Env. Department	May - until freshet complete and after rain events
		2) Install mitigation measures, if needed (elevated TSS observed), and maintain	Env. Department	May - until freshet complete and after rain events
		3) Sample monitoring for TSS, if excess turbidity observed - use external lab.	Env. Department	May - until freshet complete and after rain events

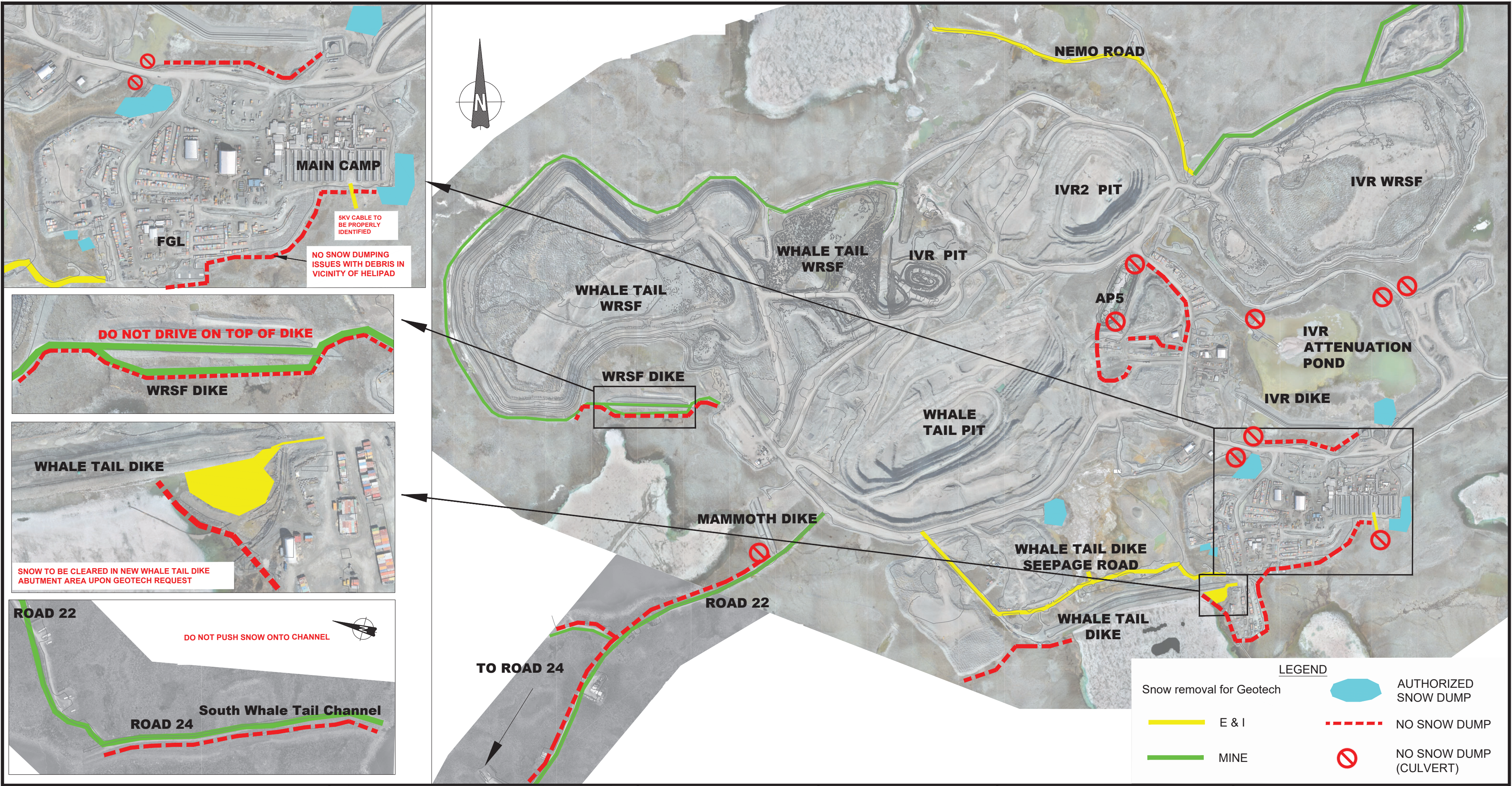
		4) Report any discharge of TSS to Mammoth Lake to ECCC/NWB (if grab > 30 mg/L).	Env. Department	May - until freshet complete and after rain events
2.6	**WHALE TAIL ATTENUATION POND**			
2.6	Whale Tail Attenuation Pond	1) Set-up pumping of the WT Attenuation Pond to prevent water from flowing into the pit area, keeping track of all daily volumes	E&I	At all time
		2) Notify Environmental Department before any environmental discharge.	E&I	At all time
		3) Inspect all piping and discharge diffuser	E&I	May
2.8	**IVR ATTENUATION POND**			
2.8	IVR Attenuation Pond	1) Set-up pumping of IVR Attenuation Pond through the AsWTP, keeping track of all daily volumes	E&I	At all time
		2) Notify Environmental Department before any environmental discharge.	E&I	At all time
		3) Inspect all piping and discharge diffuser	E&I	May
2.9	**FUEL TANK FARMS**			
2.9	WT Tank Farm	1) E&I Dept to advise Env Dept in advance of intent to pump once ice melts in containment area.	E&I and Env. Department	Probably mid-June and September

		2) Sample water in accordance with Water License to ensure compliance with limits prior to release.	Env. Department	Probably mid-June and September
		3) Provide notice to Inspector 10 days prior to pumping.	Env. Department	Probably mid-June and September
		4) Advise Energy and Infrastructure Dept if pumping can begin based on sample results.	Env. Department	Probably mid-June and September
		5) Pump to tundra/ground or Meadowbank TSF. **NOTE: The water cannot be pumped out to the tundra if it does not meet the Water License criteria.**	E&I	Probably mid-June and September
2.10	**WHALE TAIL HAUL ROAD CULVERTS AND BRIDGES**			
2.10	Recent pad and road constructions	1) Daily inspection of and bridges on the Whale Tail Haul Road	Env. Department	May and after rain events
		2) Sample for TSS and Turbidity if elevated TSS observed.	Env. Department	May - until freeze up
		3) Notify E&I Dept & the mine department if severe erosion/scouring observed - for repair action.	Env. Department	May - until freeze up
		4) Install mitigation measures if required.	Env. Department	May - until freeze up
2.11	**RECENT PAD AND ROAD CONSTRUCTIONS**			

2.11	Recent pad and road constructions	1) Daily inspection of culverts around site (Road to emulsion plant, IVR access road)	Env. Department	May and after rain events
		2) Weekly inspection of toes of constructions built in the last year.	Env. Department	May and after rain events
		3) Sample for TSS and Turbidity if elevated TSS observed.	Env. Department	May - until freeze up
		4) Notify E&I Dept if severe erosion/scouring observed - for repair action.	Env. Department	May - until freeze up
		5) Install mitigation measures if required.	Env. Department	May - until freeze up

APPENDIX 2

2022-2023 Snow Management Map



TITLE	# DWG

REFERENCE DRAWINGS

REV	DESCRIPTION	DATE	BY

REVISIONS

AGNICO EAGLE
MEADOWBANK

DRAWN BY T. DAHM/G. BARIL	DATE 2022–10–30
CHECKED BY	
APPROVED BY	
PROJECT NO.	
DATE	

TITLE
AGNICO–EAGLE – MEADOWBANK DIVISION
GEOTECHNICAL REQUIREMENTS
SNOW CLEARING MAP
2022–2023

SCALE	FILE
N.T.S.	.DWG

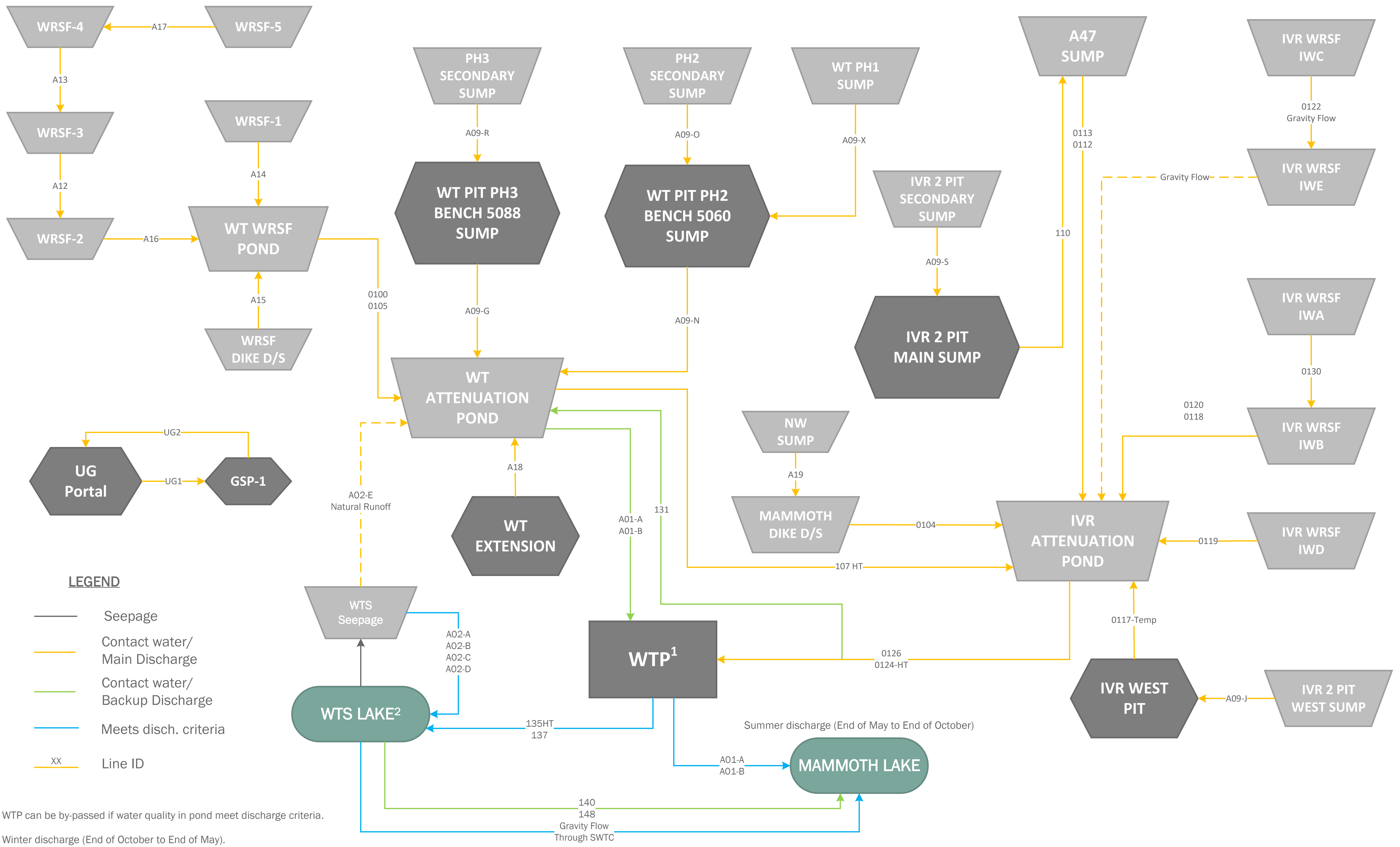
DRAWING NO.	REVISION	SHEET
		1 / 1

APPENDIX 3

2023 Freshet flowchart and plan view

Whale Tail Mine 2023 Detailed Freshet Flowsheet

Updated by : C. Pelletier
Date: 2022-03-25



WRSF-5 → A17 → WRSF-4
WRSF-4 → A13 → WRSF-3
WRSF-3 → A12 → WRSF-2
WRSF-2 → A16 → WT WRSF POND
WRSF-1 → A14 → WT WRSF POND
WRSF DIKE D/S → A15 → WT WRSF POND
WT WRSF POND → 0100 0105 → WT ATTENUATION POND
PH3 SECONDARY SUMP → A09-R → WT PIT PH3 BENCH 5088 SUMP
WT PIT PH3 BENCH 5088 SUMP → A09-G → WT ATTENUATION POND
PH2 SECONDARY SUMP → A09-O → WT PIT PH2 BENCH 5060 SUMP
WT PH1 SUMP → A09-X → WT PIT PH2 BENCH 5060 SUMP
WT PIT PH2 BENCH 5060 SUMP → A09-N → WT ATTENUATION POND
WT EXTENSION → A18 → WT ATTENUATION POND
WTS Seepage → A02-E Natural Runoff → WT ATTENUATION POND
WT ATTENUATION POND → A01-A A01-B → WTP¹
WT ATTENUATION POND → 107 HT → IVR ATTENUATION POND
WTP¹ → 131 → WT ATTENUATION POND
UG Portal → UG1 → GSP-1
GSP-1 → UG2 → UG Portal
A47 SUMP → 0113 0112 → IVR ATTENUATION POND
IVR 2 PIT MAIN SUMP → 110 → A47 SUMP
IVR 2 PIT SECONDARY SUMP → A09-S → IVR 2 PIT MAIN SUMP
IVR WRSF IWC → 0122 Gravity Flow → IVR WRSF IWE
IVR WRSF IWE → Gravity Flow → IVR ATTENUATION POND
IVR WRSF IWA → 0130 → IVR WRSF IWB
IVR WRSF IWB → 0120 0118 → IVR ATTENUATION POND
IVR WRSF IWD → 0119 → IVR ATTENUATION POND
NW SUMP → A19 → MAMMOTH DIKE D/S
MAMMOTH DIKE D/S → 0104 → IVR ATTENUATION POND
IVR 2 PIT WEST SUMP → A09-J → IVR WEST PIT
IVR WEST PIT → 0117-Temp → IVR ATTENUATION POND
IVR ATTENUATION POND → 0126 0124-HT → WTP¹
WTS LAKE² → WTS Seepage
WTS Seepage → A02-A A02-B A02-C A02-D → WTS LAKE²
WTP¹ → 135HT 137 → WTS LAKE²
WTP¹ → A01-A A01-B → MAMMOTH LAKE
WTS LAKE² → 140 148 Gravity Flow Through SWTC → MAMMOTH LAKE

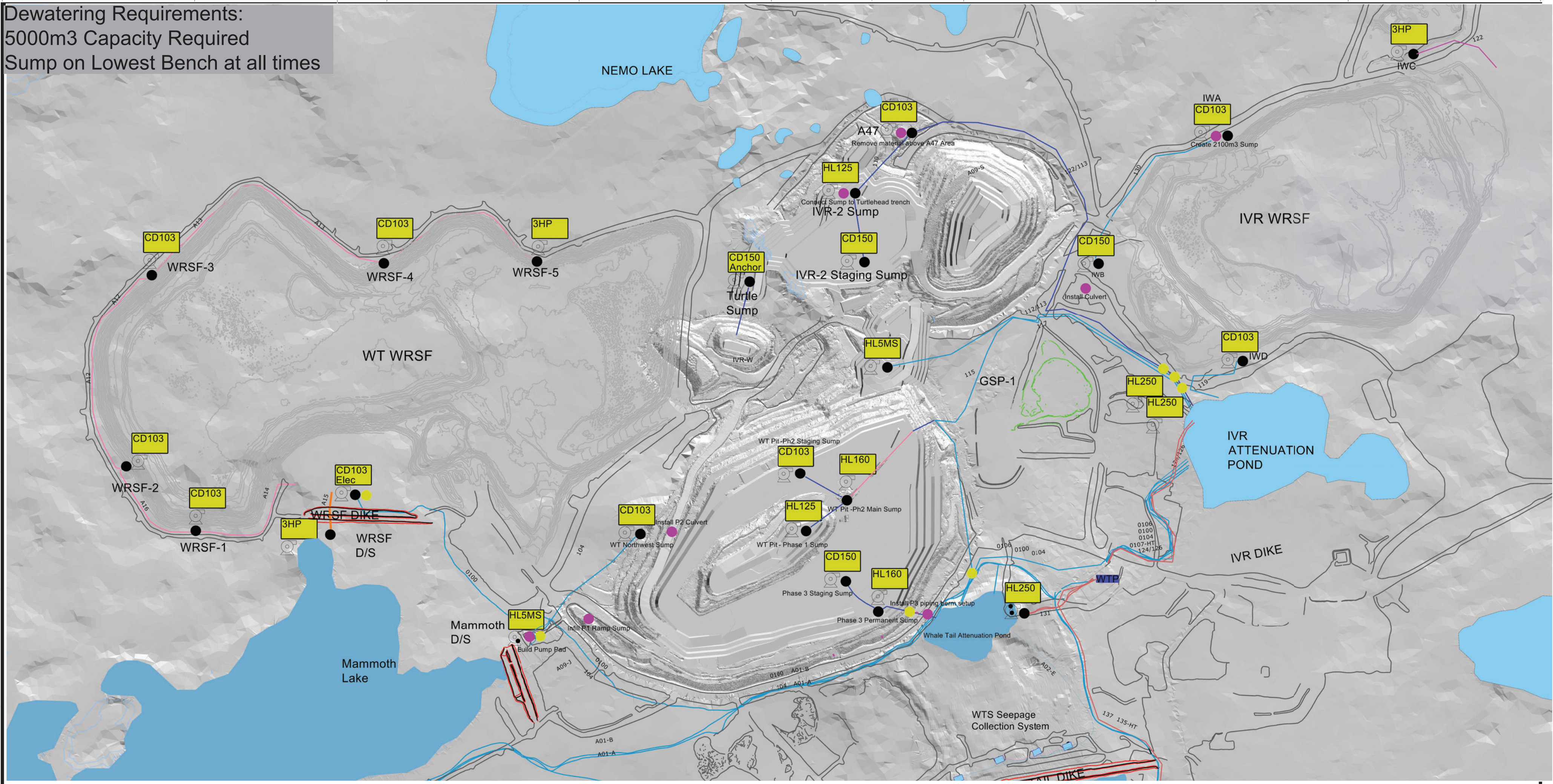
Summer discharge (End of May to End of October)

LEGEND

—	Seepage
—	Contact water/ Main Discharge
—	Contact water/ Backup Discharge
—	Meets disch. criteria
XX	Line ID

¹ WTP can be by-passed if water quality in pond meet discharge criteria.

² Winter discharge (End of October to End of May).



Dewatering Requirements:
5000m3 Capacity Required
Sump on Lowest Bench at all times

LEGEND

Description	Color
4" HDPE DR11	🟪
4" HDPE DR17	🟪
4" Layflat	🟨
8" HDPE DR9	🟥
8" HDPE DR11	🟦
8" HDPE DR17	🟦
12" MineFlex	🟩
14" HDPE DR11	🟧
14" HDPE DR17	🟪

Sump ●

Earthworks ●

Flowmeter Pump ●

Pump Model

Pump	Required			On Site*	Surplus
	AMQ	MBK	TOTAL		
3HP	3	11	14	18	4
HL250M	4	3	7	9	2
HL160M	3	0	3	4	1
HL125M	2	0	2	2	0
HL5MS	2	0	2	2	0
John Deere	0	0	0	1	1
CD150M	3	0	3	4	1
CD103M	9	3	12	14	2
CD103M-ELEC	1	2	3	4	1
CD100M	0	1	1	1	0
CD80	0	1	1	2	1
40HP	0	1	1	4	3
150HP	0	1	1	7	6

AGNICO EAGLE
MEADOWBANK

DRAWN BY John Gage	DATE 2023-03-11
MODIFY BY John Gage	DATE 2023-03-15

TITLE
Whale Tail Mine
Freshet 2023 Plan

DATE

SCALE 1:10000
3/21/2023
FILE

DEPARTMENT ENVIRONMENT
REVISION
SHEET 1 / 1