

Appendix V5-10

Simulated Baseline Volume at Assessment Nodes under the Average, 1-in-20-Year Dry, and 1-in-20-Year Wet Conditions



Table O-1. Simulated Baseline Volume of Imniagut Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	0.239	0.239	0.239	0.239	0.237	0.245	0.241	0.236	0.235	0.237	0.237	0.237	0.238
1	2019	0.237	0.237	0.237	0.237	0.235	0.243	0.240	0.234	0.233	0.235	0.236	0.236	0.237
2	2020	0.236	0.236	0.236	0.236	0.233	0.242	0.238	0.232	0.231	0.233	0.234	0.234	0.235
3	2021	0.234	0.234	0.234	0.234	0.231	0.240	0.236	0.230	0.229	0.232	0.232	0.232	0.233
4	2022	0.232	0.232	0.232	0.232	0.230	0.238	0.234	0.229	0.227	0.230	0.230	0.230	0.231
5	2023	0.230	0.230	0.230	0.230	0.228	0.236	0.233	0.227	0.226	0.228	0.228	0.228	0.230
6	2024	0.228	0.228	0.228	0.228	0.226	0.235	0.231	0.225	0.224	0.226	0.227	0.227	0.228
7	2025	0.227	0.227	0.227	0.227	0.224	0.233	0.229	0.223	0.222	0.225	0.225	0.225	0.226
8	2026	0.225	0.225	0.225	0.225	0.223	0.231	0.227	0.222	0.220	0.223	0.223	0.223	0.224
9	2027	0.223	0.223	0.223	0.223	0.221	0.230	0.226	0.220	0.219	0.221	0.222	0.222	0.223
10	2028	0.222	0.222	0.222	0.222	0.219	0.228	0.224	0.218	0.217	0.219	0.220	0.220	0.221
11	2029	0.220	0.220	0.220	0.220	0.218	0.226	0.222	0.216	0.215	0.218	0.218	0.218	0.219
12	2030	0.218	0.218	0.218	0.218	0.216	0.225	0.221	0.215	0.214	0.216	0.216	0.216	0.218
13	2031	0.216	0.216	0.216	0.216	0.214	0.223	0.219	0.213	0.212	0.214	0.215	0.215	0.216
14	2032	0.215	0.215	0.215	0.215	0.213	0.221	0.217	0.211	0.210	0.213	0.213	0.213	0.214
15	2033	0.213	0.213	0.213	0.213	0.211	0.220	0.216	0.210	0.209	0.211	0.212	0.212	0.213
16	2034	0.212	0.212	0.212	0.212	0.209	0.218	0.214	0.208	0.207	0.209	0.210	0.210	0.211
17	2035	0.210	0.210	0.210	0.210	0.208	0.217	0.212	0.206	0.205	0.208	0.208	0.208	0.209
18	2036	0.208	0.208	0.208	0.208	0.206	0.215	0.211	0.205	0.204	0.206	0.207	0.207	0.208
19	2037	0.207	0.207	0.207	0.207	0.204	0.213	0.209	0.203	0.202	0.205	0.205	0.205	0.206
20	2038	0.205	0.205	0.205	0.205	0.203	0.212	0.208	0.202	0.201	0.203	0.203	0.203	0.205
21	2039	0.203	0.203	0.203	0.203	0.201	0.210	0.206	0.200	0.199	0.201	0.202	0.202	0.203
22	2040	0.202	0.202	0.202	0.202	0.200	0.209	0.204	0.199	0.197	0.200	0.200	0.200	0.201

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-2. Simulated Baseline Volume of Imniagut Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	0.230	0.230	0.230	0.230	0.230	0.233	0.229	0.222	0.222	0.225	0.225	0.225	0.227
1	2019	0.225	0.225	0.225	0.225	0.225	0.229	0.222	0.217	0.216	0.220	0.220	0.220	0.222
2	2020	0.220	0.220	0.220	0.220	0.222	0.226	0.220	0.214	0.213	0.216	0.216	0.216	0.219
3	2021	0.216	0.216	0.216	0.216	0.214	0.221	0.214	0.210	0.209	0.211	0.213	0.213	0.214
4	2022	0.213	0.213	0.213	0.213	0.212	0.216	0.209	0.204	0.206	0.209	0.209	0.209	0.211
5	2023	0.209	0.209	0.209	0.209	0.208	0.213	0.205	0.201	0.198	0.200	0.200	0.200	0.205
6	2024	0.200	0.200	0.200	0.200	0.205	0.210	0.201	0.195	0.195	0.198	0.199	0.199	0.200
7	2025	0.199	0.199	0.199	0.199	0.199	0.204	0.196	0.194	0.193	0.197	0.197	0.197	0.198
8	2026	0.197	0.197	0.197	0.197	0.197	0.203	0.195	0.190	0.191	0.194	0.195	0.195	0.196
9	2027	0.195	0.195	0.195	0.195	0.195	0.198	0.193	0.188	0.188	0.191	0.191	0.191	0.193
10	2028	0.191	0.191	0.191	0.191	0.196	0.198	0.192	0.187	0.188	0.189	0.189	0.189	0.191
11	2029	0.189	0.189	0.189	0.189	0.196	0.200	0.192	0.186	0.188	0.189	0.189	0.189	0.191
12	2030	0.189	0.189	0.189	0.189	0.189	0.198	0.193	0.193	0.195	0.198	0.201	0.201	0.194
13	2031	0.201	0.201	0.201	0.201	0.201	0.206	0.200	0.195	0.196	0.201	0.202	0.202	0.200
14	2032	0.202	0.202	0.202	0.202	0.202	0.207	0.199	0.194	0.193	0.199	0.201	0.201	0.200
15	2033	0.201	0.201	0.201	0.201	0.200	0.206	0.198	0.193	0.194	0.196	0.196	0.196	0.199
16	2034	0.196	0.196	0.196	0.196	0.196	0.206	0.197	0.191	0.191	0.194	0.194	0.194	0.196
17	2035	0.194	0.194	0.194	0.194	0.192	0.199	0.196	0.192	0.191	0.194	0.196	0.196	0.194
18	2036	0.196	0.196	0.196	0.196	0.193	0.199	0.193	0.188	0.190	0.191	0.191	0.191	0.193
19	2037	0.191	0.191	0.191	0.191	0.195	0.194	0.190	0.184	0.184	0.188	0.189	0.189	0.190
20	2038	0.189	0.189	0.189	0.189	0.187	0.193	0.184	0.183	0.184	0.185	0.185	0.185	0.187
21	2039	0.185	0.185	0.185	0.185	0.186	0.188	0.178	0.176	0.178	0.184	0.185	0.185	0.183
22	2040	0.185	0.185	0.185	0.185	0.184	0.187	0.182	0.179	0.177	0.183	0.184	0.184	0.183

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-3. Simulated Baseline Volume of Imniagut Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	0.255	0.255	0.255	0.255	0.255	0.263	0.258	0.252	0.254	0.256	0.258	0.258	0.256
1	2019	0.258	0.258	0.258	0.258	0.260	0.266	0.261	0.255	0.255	0.258	0.259	0.259	0.259
2	2020	0.259	0.259	0.259	0.259	0.262	0.268	0.260	0.256	0.255	0.258	0.261	0.261	0.260
3	2021	0.261	0.261	0.261	0.261	0.260	0.272	0.264	0.258	0.259	0.262	0.263	0.263	0.262
4	2022	0.263	0.263	0.263	0.263	0.263	0.270	0.262	0.257	0.260	0.263	0.262	0.262	0.263
5	2023	0.262	0.262	0.262	0.262	0.264	0.273	0.265	0.259	0.258	0.261	0.262	0.262	0.263
6	2024	0.262	0.262	0.262	0.262	0.266	0.271	0.266	0.259	0.262	0.264	0.265	0.265	0.264
7	2025	0.265	0.265	0.265	0.265	0.269	0.273	0.266	0.260	0.259	0.264	0.266	0.266	0.265
8	2026	0.266	0.266	0.266	0.266	0.268	0.272	0.269	0.262	0.262	0.265	0.267	0.267	0.266
9	2027	0.267	0.267	0.267	0.267	0.271	0.274	0.267	0.261	0.261	0.263	0.266	0.266	0.266
10	2028	0.266	0.266	0.266	0.266	0.271	0.272	0.264	0.259	0.259	0.261	0.263	0.263	0.265
11	2029	0.263	0.263	0.263	0.263	0.267	0.270	0.262	0.255	0.255	0.258	0.261	0.261	0.262
12	2030	0.261	0.261	0.261	0.261	0.265	0.265	0.258	0.251	0.251	0.254	0.257	0.257	0.258
13	2031	0.257	0.257	0.257	0.257	0.260	0.260	0.252	0.247	0.246	0.249	0.250	0.250	0.253
14	2032	0.250	0.250	0.250	0.250	0.257	0.258	0.251	0.245	0.244	0.247	0.248	0.248	0.250
15	2033	0.248	0.248	0.248	0.248	0.251	0.253	0.245	0.240	0.239	0.242	0.243	0.243	0.246
16	2034	0.243	0.243	0.243	0.243	0.250	0.250	0.242	0.235	0.238	0.240	0.241	0.241	0.243
17	2035	0.241	0.241	0.241	0.241	0.244	0.246	0.239	0.232	0.232	0.235	0.236	0.236	0.239
18	2036	0.236	0.236	0.236	0.236	0.243	0.243	0.237	0.231	0.230	0.233	0.234	0.234	0.236
19	2037	0.234	0.234	0.234	0.234	0.239	0.239	0.233	0.227	0.227	0.230	0.231	0.231	0.233
20	2038	0.231	0.231	0.231	0.231	0.235	0.238	0.232	0.226	0.225	0.228	0.230	0.230	0.231
21	2039	0.230	0.230	0.230	0.230	0.234	0.236	0.231	0.224	0.224	0.228	0.231	0.231	0.230
22	2040	0.231	0.231	0.231	0.231	0.233	0.238	0.231	0.224	0.225	0.228	0.231	0.231	0.231

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-4. Simulated Baseline Volume of Wolverine Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	3.512	3.512	3.512	3.512	3.489	3.541	3.510	3.465	3.469	3.506	3.512	3.512	3.504
1	2019	3.512	3.512	3.512	3.512	3.488	3.541	3.510	3.465	3.469	3.505	3.512	3.512	3.504
2	2020	3.512	3.512	3.512	3.512	3.488	3.541	3.509	3.464	3.468	3.505	3.512	3.512	3.504
3	2021	3.512	3.512	3.512	3.512	3.488	3.541	3.509	3.464	3.468	3.504	3.511	3.511	3.504
4	2022	3.511	3.511	3.511	3.511	3.487	3.541	3.509	3.464	3.467	3.504	3.511	3.511	3.503
5	2023	3.511	3.511	3.511	3.511	3.487	3.541	3.509	3.463	3.467	3.504	3.510	3.510	3.503
6	2024	3.510	3.510	3.510	3.510	3.486	3.541	3.508	3.463	3.466	3.503	3.510	3.510	3.502
7	2025	3.510	3.510	3.510	3.510	3.486	3.541	3.508	3.462	3.466	3.503	3.510	3.510	3.502
8	2026	3.510	3.510	3.510	3.510	3.486	3.542	3.508	3.462	3.465	3.503	3.509	3.509	3.502
9	2027	3.509	3.509	3.509	3.509	3.485	3.542	3.508	3.462	3.465	3.502	3.509	3.509	3.501
10	2028	3.509	3.509	3.509	3.509	3.485	3.542	3.508	3.461	3.465	3.502	3.509	3.509	3.501
11	2029	3.509	3.509	3.509	3.509	3.485	3.542	3.507	3.461	3.464	3.501	3.508	3.508	3.501
12	2030	3.508	3.508	3.508	3.508	3.484	3.542	3.507	3.460	3.464	3.501	3.508	3.508	3.500
13	2031	3.508	3.508	3.508	3.508	3.484	3.542	3.507	3.460	3.463	3.501	3.508	3.508	3.500
14	2032	3.508	3.508	3.508	3.508	3.483	3.542	3.507	3.460	3.463	3.500	3.507	3.507	3.500
15	2033	3.507	3.507	3.507	3.507	3.483	3.542	3.506	3.459	3.462	3.500	3.507	3.507	3.499
16	2034	3.507	3.507	3.507	3.507	3.483	3.542	3.506	3.459	3.462	3.500	3.507	3.507	3.499
17	2035	3.507	3.507	3.507	3.507	3.482	3.542	3.506	3.458	3.461	3.499	3.506	3.506	3.499
18	2036	3.506	3.506	3.506	3.506	3.482	3.542	3.506	3.458	3.461	3.499	3.506	3.506	3.499
19	2037	3.506	3.506	3.506	3.506	3.482	3.542	3.505	3.458	3.461	3.499	3.506	3.506	3.498
20	2038	3.506	3.506	3.506	3.506	3.481	3.542	3.505	3.457	3.460	3.498	3.505	3.505	3.498
21	2039	3.505	3.505	3.505	3.505	3.481	3.542	3.505	3.457	3.460	3.498	3.505	3.505	3.498
22	2040	3.505	3.505	3.505	3.505	3.480	3.542	3.505	3.456	3.459	3.497	3.505	3.505	3.497

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-5. Simulated Baseline Volume of Wolverine Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	3.434	3.434	3.434	3.434	3.414	3.485	3.426	3.384	3.377	3.432	3.435	3.435	3.427
1	2019	3.435	3.435	3.435	3.435	3.418	3.506	3.434	3.380	3.380	3.424	3.433	3.433	3.429
2	2020	3.433	3.433	3.433	3.433	3.435	3.508	3.425	3.382	3.376	3.407	3.429	3.429	3.427
3	2021	3.429	3.429	3.429	3.429	3.409	3.486	3.425	3.381	3.379	3.407	3.433	3.433	3.422
4	2022	3.433	3.433	3.433	3.433	3.411	3.506	3.427	3.379	3.378	3.422	3.431	3.431	3.426
5	2023	3.431	3.431	3.431	3.431	3.412	3.485	3.424	3.381	3.374	3.425	3.434	3.432	3.424
6	2024	3.432	3.432	3.432	3.432	3.425	3.504	3.433	3.371	3.374	3.399	3.427	3.427	3.424
7	2025	3.427	3.427	3.427	3.427	3.409	3.488	3.423	3.381	3.373	3.426	3.430	3.430	3.422
8	2026	3.430	3.430	3.430	3.430	3.424	3.489	3.428	3.375	3.379	3.420	3.429	3.429	3.424
9	2027	3.429	3.429	3.429	3.429	3.446	3.505	3.422	3.374	3.369	3.412	3.432	3.432	3.426
10	2028	3.432	3.432	3.432	3.432	3.411	3.498	3.422	3.374	3.371	3.399	3.427	3.427	3.421
11	2029	3.427	3.427	3.427	3.427	3.424	3.493	3.426	3.373	3.374	3.424	3.430	3.430	3.423
12	2030	3.430	3.430	3.430	3.430	3.408	3.503	3.421	3.372	3.373	3.398	3.429	3.429	3.421
13	2031	3.429	3.429	3.429	3.429	3.409	3.492	3.426	3.373	3.363	3.423	3.427	3.427	3.421
14	2032	3.427	3.427	3.427	3.427	3.426	3.501	3.420	3.371	3.363	3.421	3.425	3.425	3.422
15	2033	3.425	3.425	3.425	3.425	3.407	3.497	3.420	3.369	3.362	3.395	3.427	3.426	3.417
16	2034	3.426	3.426	3.426	3.426	3.423	3.502	3.424	3.365	3.371	3.394	3.425	3.425	3.419
17	2035	3.425	3.425	3.425	3.425	3.403	3.493	3.418	3.372	3.358	3.422	3.428	3.428	3.418
18	2036	3.428	3.428	3.428	3.428	3.425	3.502	3.419	3.369	3.358	3.419	3.423	3.423	3.421
19	2037	3.423	3.423	3.423	3.423	3.442	3.502	3.428	3.363	3.369	3.392	3.423	3.421	3.419
20	2038	3.421	3.421	3.421	3.421	3.410	3.502	3.418	3.366	3.368	3.392	3.422	3.422	3.415
21	2039	3.422	3.422	3.422	3.422	3.410	3.501	3.409	3.367	3.368	3.391	3.422	3.422	3.415
22	2040	3.422	3.422	3.422	3.422	3.411	3.506	3.417	3.368	3.355	3.420	3.423	3.423	3.417

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-6. Simulated Baseline Volume of Wolverine Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	3.569	3.569	3.569	3.569	3.561	3.554	3.525	3.537	3.563	3.569	3.569	3.569	3.560
1	2019	3.569	3.569	3.569	3.569	3.558	3.556	3.524	3.546	3.564	3.568	3.569	3.569	3.561
2	2020	3.569	3.569	3.569	3.569	3.559	3.558	3.525	3.545	3.561	3.569	3.569	3.569	3.561
3	2021	3.569	3.569	3.569	3.569	3.561	3.558	3.517	3.519	3.560	3.567	3.569	3.569	3.558
4	2022	3.569	3.569	3.569	3.569	3.558	3.558	3.523	3.536	3.563	3.569	3.569	3.569	3.560
5	2023	3.569	3.569	3.569	3.569	3.562	3.555	3.520	3.546	3.560	3.568	3.569	3.569	3.560
6	2024	3.569	3.569	3.569	3.569	3.561	3.556	3.522	3.535	3.562	3.568	3.569	3.569	3.560
7	2025	3.569	3.569	3.569	3.569	3.561	3.553	3.521	3.544	3.560	3.568	3.569	3.569	3.560
8	2026	3.569	3.569	3.569	3.569	3.561	3.557	3.520	3.535	3.562	3.569	3.569	3.569	3.560
9	2027	3.569	3.569	3.569	3.569	3.562	3.556	3.524	3.545	3.559	3.569	3.569	3.569	3.561
10	2028	3.569	3.569	3.569	3.569	3.562	3.553	3.516	3.534	3.566	3.569	3.569	3.569	3.559
11	2029	3.569	3.569	3.569	3.569	3.561	3.556	3.521	3.534	3.559	3.568	3.569	3.569	3.559
12	2030	3.569	3.569	3.569	3.569	3.562	3.557	3.519	3.545	3.566	3.569	3.569	3.569	3.561
13	2031	3.569	3.569	3.569	3.569	3.561	3.553	3.518	3.550	3.559	3.568	3.569	3.569	3.560
14	2032	3.569	3.569	3.569	3.569	3.564	3.556	3.521	3.544	3.560	3.568	3.569	3.569	3.560
15	2033	3.569	3.569	3.569	3.569	3.562	3.553	3.515	3.507	3.561	3.568	3.569	3.569	3.556
16	2034	3.569	3.569	3.569	3.569	3.563	3.552	3.520	3.532	3.559	3.568	3.569	3.569	3.559
17	2035	3.569	3.569	3.569	3.569	3.562	3.551	3.517	3.545	3.559	3.569	3.569	3.569	3.560
18	2036	3.569	3.569	3.569	3.569	3.563	3.552	3.513	3.526	3.559	3.568	3.569	3.569	3.558
19	2037	3.569	3.569	3.569	3.569	3.562	3.553	3.520	3.524	3.559	3.569	3.569	3.569	3.558
20	2038	3.569	3.569	3.569	3.569	3.563	3.551	3.512	3.545	3.559	3.568	3.569	3.569	3.559
21	2039	3.569	3.569	3.569	3.569	3.562	3.551	3.519	3.523	3.559	3.568	3.569	3.569	3.558
22	2040	3.569	3.569	3.569	3.569	3.563	3.547	3.518	3.543	3.559	3.568	3.569	3.569	3.559

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-7. Simulated Baseline Volume of Patch Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	31.890	31.890	31.890	31.890	31.780	32.850	32.310	31.810	31.680	31.850	31.900	31.900	31.969
1	2019	31.900	31.900	31.900	31.900	31.790	32.860	32.310	31.810	31.690	31.850	31.900	31.900	31.975
2	2020	31.900	31.900	31.900	31.900	31.790	32.870	32.310	31.810	31.680	31.850	31.900	31.900	31.975
3	2021	31.900	31.900	31.900	31.900	31.790	32.870	32.310	31.810	31.680	31.850	31.900	31.900	31.975
4	2022	31.900	31.900	31.900	31.900	31.790	32.870	32.310	31.810	31.680	31.850	31.900	31.900	31.975
5	2023	31.900	31.900	31.900	31.900	31.790	32.880	32.310	31.810	31.680	31.850	31.900	31.900	31.976
6	2024	31.900	31.900	31.900	31.900	31.790	32.880	32.310	31.810	31.680	31.850	31.900	31.900	31.976
7	2025	31.900	31.900	31.900	31.900	31.790	32.880	32.310	31.810	31.680	31.850	31.900	31.900	31.976
8	2026	31.900	31.900	31.900	31.900	31.790	32.880	32.300	31.800	31.680	31.850	31.900	31.900	31.974
9	2027	31.900	31.900	31.900	31.900	31.790	32.880	32.300	31.800	31.680	31.850	31.900	31.900	31.974
10	2028	31.900	31.900	31.900	31.900	31.790	32.890	32.300	31.800	31.680	31.850	31.900	31.900	31.975
11	2029	31.900	31.900	31.900	31.900	31.800	32.890	32.300	31.800	31.680	31.850	31.900	31.900	31.976
12	2030	31.900	31.900	31.900	31.900	31.800	32.900	32.300	31.800	31.680	31.850	31.910	31.910	31.979
13	2031	31.910	31.910	31.910	31.910	31.800	32.900	32.290	31.800	31.680	31.850	31.910	31.910	31.981
14	2032	31.910	31.910	31.910	31.910	31.800	32.900	32.290	31.800	31.680	31.850	31.910	31.910	31.981
15	2033	31.910	31.910	31.910	31.910	31.800	32.910	32.290	31.800	31.680	31.850	31.910	31.910	31.982
16	2034	31.910	31.910	31.910	31.910	31.800	32.910	32.290	31.800	31.680	31.850	31.910	31.910	31.982
17	2035	31.910	31.910	31.910	31.910	31.800	32.910	32.290	31.800	31.680	31.850	31.910	31.910	31.982
18	2036	31.910	31.910	31.910	31.910	31.800	32.920	32.290	31.800	31.680	31.850	31.910	31.910	31.983
19	2037	31.910	31.910	31.910	31.910	31.800	32.920	32.290	31.790	31.670	31.850	31.910	31.910	31.981
20	2038	31.910	31.910	31.910	31.910	31.800	32.920	32.290	31.790	31.670	31.850	31.910	31.910	31.981
21	2039	31.910	31.910	31.910	31.910	31.800	32.930	32.290	31.790	31.670	31.850	31.910	31.910	31.982
22	2040	31.910	31.910	31.910	31.910	31.800	32.930	32.290	31.790	31.670	31.850	31.910	31.910	31.982

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-8. Simulated Baseline Volume of Patch Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	31.600	31.600	31.600	31.600	31.590	32.280	31.700	31.370	31.360	31.560	31.610	31.610	31.623
1	2019	31.610	31.610	31.610	31.610	31.590	32.350	31.760	31.440	31.380	31.500	31.600	31.600	31.638
2	2020	31.600	31.600	31.600	31.600	31.670	32.420	31.780	31.410	31.360	31.550	31.600	31.600	31.649
3	2021	31.600	31.600	31.600	31.600	31.580	32.310	31.690	31.370	31.380	31.500	31.610	31.610	31.620
4	2022	31.610	31.610	31.610	31.610	31.650	32.350	31.730	31.370	31.380	31.500	31.620	31.620	31.637
5	2023	31.620	31.620	31.620	31.620	31.670	32.320	31.690	31.370	31.350	31.540	31.600	31.600	31.634
6	2024	31.600	31.600	31.600	31.600	31.720	32.360	31.700	31.370	31.350	31.500	31.620	31.620	31.636
7	2025	31.620	31.620	31.620	31.620	31.650	32.350	31.760	31.460	31.350	31.550	31.600	31.600	31.649
8	2026	31.600	31.600	31.600	31.600	31.620	32.350	31.680	31.360	31.390	31.550	31.660	31.660	31.638
9	2027	31.660	31.660	31.660	31.660	31.830	32.350	31.760	31.390	31.340	31.500	31.600	31.600	31.667
10	2028	31.600	31.600	31.600	31.600	31.650	32.410	31.680	31.410	31.360	31.550	31.600	31.600	31.638
11	2029	31.600	31.600	31.600	31.600	31.640	32.350	31.770	31.440	31.380	31.550	31.640	31.640	31.650
12	2030	31.640	31.640	31.640	31.640	31.670	32.360	31.710	31.360	31.380	31.500	31.640	31.640	31.651
13	2031	31.640	31.640	31.640	31.640	31.620	32.420	31.660	31.360	31.340	31.540	31.600	31.600	31.640
14	2032	31.600	31.600	31.600	31.600	31.670	32.360	31.670	31.360	31.340	31.500	31.650	31.650	31.632
15	2033	31.650	31.650	31.650	31.650	31.670	32.430	31.660	31.400	31.330	31.550	31.600	31.600	31.652
16	2034	31.600	31.600	31.600	31.600	31.740	32.490	31.780	31.360	31.370	31.500	31.650	31.650	31.661
17	2035	31.650	31.650	31.650	31.650	31.600	32.280	31.660	31.390	31.330	31.530	31.640	31.640	31.638
18	2036	31.640	31.640	31.640	31.640	31.680	32.470	31.750	31.450	31.330	31.540	31.600	31.600	31.664
19	2037	31.600	31.600	31.600	31.600	31.740	32.350	31.660	31.360	31.370	31.500	31.650	31.650	31.639
20	2038	31.650	31.650	31.650	31.650	31.670	32.480	31.760	31.350	31.370	31.540	31.600	31.600	31.663
21	2039	31.600	31.600	31.600	31.600	31.640	32.360	31.610	31.360	31.370	31.540	31.680	31.680	31.636
22	2040	31.680	31.680	31.680	31.680	31.740	32.380	31.670	31.400	31.330	31.580	31.620	31.620	31.671

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-9. Simulated Baseline Volume of Patch Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	32.620	32.620	32.620	32.620	33.230	33.620	32.560	32.330	32.190	32.480	32.710	32.710	32.692
1	2019	32.710	32.710	32.710	32.710	33.250	33.630	32.560	32.280	32.370	32.490	32.730	32.730	32.739
2	2020	32.730	32.730	32.730	32.730	32.990	33.660	32.730	32.330	32.370	32.500	32.890	32.890	32.772
3	2021	32.890	32.890	32.890	32.890	33.290	33.840	32.550	32.270	32.190	32.320	32.620	32.620	32.769
4	2022	32.620	32.620	32.620	32.620	32.940	33.640	32.590	32.280	32.180	32.500	32.730	32.730	32.672
5	2023	32.730	32.730	32.730	32.730	32.980	33.660	32.550	32.320	32.370	32.490	32.620	32.620	32.709
6	2024	32.620	32.620	32.620	32.620	33.050	33.700	32.590	32.310	32.190	32.500	32.720	32.720	32.688
7	2025	32.720	32.720	32.720	32.720	33.050	33.710	32.550	32.280	32.370	32.500	32.730	32.730	32.732
8	2026	32.730	32.730	32.730	32.730	33.040	33.700	32.550	32.300	32.180	32.500	32.720	32.720	32.718
9	2027	32.720	32.720	32.720	32.720	33.250	33.690	32.600	32.280	32.370	32.500	32.760	32.760	32.756
10	2028	32.760	32.760	32.760	32.760	33.120	33.730	32.550	32.300	32.380	32.520	32.740	32.740	32.758
11	2029	32.740	32.740	32.740	32.740	33.140	33.700	32.690	32.260	32.180	32.480	32.630	32.630	32.721
12	2030	32.630	32.630	32.630	32.630	33.480	33.720	32.550	32.280	32.380	32.510	32.740	32.740	32.743
13	2031	32.740	32.740	32.740	32.740	33.140	33.720	32.520	32.420	32.380	32.480	32.720	32.720	32.754
14	2032	32.720	32.720	32.720	32.720	33.570	33.760	32.550	32.270	32.180	32.500	32.730	32.730	32.764
15	2033	32.730	32.730	32.730	32.730	33.320	33.760	32.550	32.250	32.180	32.510	32.720	32.720	32.743
16	2034	32.720	32.720	32.720	32.720	33.560	33.750	32.540	32.230	32.180	32.480	32.640	32.640	32.741
17	2035	32.640	32.640	32.640	32.640	33.370	33.670	32.510	32.280	32.280	32.520	32.770	32.770	32.727
18	2036	32.770	32.770	32.770	32.770	33.410	33.800	32.540	32.280	32.380	32.470	32.720	32.720	32.782
19	2037	32.720	32.720	32.720	32.720	33.580	33.780	32.540	32.270	32.170	32.510	32.750	32.750	32.769
20	2038	32.750	32.750	32.750	32.750	33.420	33.770	32.510	32.280	32.280	32.520	32.750	32.750	32.772
21	2039	32.750	32.750	32.750	32.750	33.370	33.690	32.580	32.290	32.170	32.520	32.750	32.750	32.759
22	2040	32.750	32.750	32.750	32.750	33.470	33.760	32.520	32.270	32.190	32.510	32.750	32.750	32.767

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-10. Simulated Baseline Volume of PO Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	1.540	1.540	1.540	1.540	1.526	1.592	1.541	1.511	1.505	1.531	1.540	1.540	1.537
1	2019	1.540	1.540	1.540	1.540	1.526	1.593	1.541	1.511	1.505	1.532	1.541	1.541	1.537
2	2020	1.541	1.541	1.541	1.541	1.527	1.593	1.541	1.511	1.505	1.532	1.541	1.541	1.538
3	2021	1.541	1.541	1.541	1.541	1.527	1.593	1.541	1.511	1.505	1.532	1.541	1.541	1.538
4	2022	1.541	1.541	1.541	1.541	1.527	1.593	1.541	1.511	1.505	1.532	1.541	1.541	1.538
5	2023	1.541	1.541	1.541	1.541	1.527	1.594	1.541	1.511	1.505	1.532	1.541	1.541	1.538
6	2024	1.541	1.541	1.541	1.541	1.527	1.594	1.541	1.511	1.505	1.532	1.541	1.541	1.538
7	2025	1.541	1.541	1.541	1.541	1.527	1.594	1.541	1.511	1.505	1.532	1.541	1.541	1.538
8	2026	1.541	1.541	1.541	1.541	1.527	1.593	1.541	1.510	1.505	1.532	1.541	1.541	1.538
9	2027	1.541	1.541	1.541	1.541	1.527	1.594	1.541	1.510	1.505	1.532	1.541	1.541	1.538
10	2028	1.541	1.541	1.541	1.541	1.527	1.594	1.541	1.510	1.505	1.532	1.542	1.542	1.538
11	2029	1.542	1.542	1.542	1.542	1.528	1.594	1.540	1.510	1.505	1.532	1.542	1.542	1.538
12	2030	1.542	1.542	1.542	1.542	1.528	1.595	1.540	1.510	1.505	1.532	1.542	1.542	1.538
13	2031	1.542	1.542	1.542	1.542	1.528	1.595	1.540	1.510	1.505	1.532	1.542	1.542	1.538
14	2032	1.542	1.542	1.542	1.542	1.528	1.595	1.540	1.510	1.505	1.532	1.542	1.542	1.538
15	2033	1.542	1.542	1.542	1.542	1.528	1.595	1.540	1.510	1.505	1.532	1.542	1.542	1.538
16	2034	1.542	1.542	1.542	1.542	1.528	1.595	1.540	1.510	1.505	1.532	1.542	1.542	1.538
17	2035	1.542	1.542	1.542	1.542	1.528	1.596	1.540	1.510	1.505	1.532	1.542	1.542	1.538
18	2036	1.542	1.542	1.542	1.542	1.528	1.596	1.540	1.510	1.505	1.533	1.543	1.543	1.539
19	2037	1.543	1.543	1.543	1.543	1.528	1.596	1.540	1.510	1.505	1.533	1.543	1.543	1.539
20	2038	1.543	1.543	1.543	1.543	1.528	1.596	1.540	1.510	1.505	1.533	1.543	1.543	1.539
21	2039	1.543	1.543	1.543	1.543	1.528	1.596	1.540	1.510	1.505	1.533	1.543	1.543	1.539
22	2040	1.543	1.543	1.543	1.543	1.528	1.597	1.540	1.510	1.505	1.533	1.543	1.543	1.539

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-11. Simulated Baseline Volume of PO Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	1.512	1.512	1.512	1.512	1.513	1.549	1.499	1.481	1.484	1.507	1.516	1.516	1.509
1	2019	1.516	1.516	1.516	1.516	1.515	1.549	1.506	1.487	1.486	1.508	1.509	1.509	1.511
2	2020	1.509	1.509	1.509	1.509	1.536	1.561	1.505	1.487	1.481	1.506	1.511	1.511	1.511
3	2021	1.511	1.511	1.511	1.511	1.517	1.549	1.499	1.483	1.486	1.507	1.516	1.516	1.510
4	2022	1.516	1.516	1.516	1.516	1.527	1.549	1.499	1.483	1.486	1.507	1.514	1.514	1.512
5	2023	1.514	1.514	1.514	1.514	1.522	1.551	1.505	1.486	1.481	1.507	1.516	1.516	1.512
6	2024	1.516	1.516	1.516	1.516	1.528	1.553	1.501	1.483	1.481	1.509	1.521	1.521	1.513
7	2025	1.521	1.521	1.521	1.521	1.531	1.551	1.505	1.489	1.481	1.506	1.512	1.512	1.514
8	2026	1.512	1.512	1.512	1.512	1.525	1.549	1.499	1.481	1.487	1.507	1.516	1.516	1.511
9	2027	1.516	1.516	1.516	1.516	1.525	1.549	1.506	1.483	1.481	1.508	1.509	1.509	1.511
10	2028	1.509	1.509	1.509	1.509	1.534	1.556	1.498	1.486	1.481	1.506	1.511	1.511	1.510
11	2029	1.511	1.511	1.511	1.511	1.525	1.553	1.505	1.487	1.486	1.507	1.516	1.516	1.512
12	2030	1.516	1.516	1.516	1.516	1.533	1.550	1.499	1.482	1.481	1.509	1.527	1.527	1.514
13	2031	1.527	1.527	1.527	1.527	1.528	1.556	1.502	1.486	1.483	1.508	1.512	1.512	1.516
14	2032	1.512	1.512	1.512	1.512	1.536	1.555	1.501	1.483	1.481	1.506	1.512	1.512	1.511
15	2033	1.512	1.512	1.512	1.512	1.531	1.555	1.505	1.484	1.480	1.508	1.518	1.518	1.512
16	2034	1.518	1.518	1.518	1.518	1.533	1.558	1.505	1.482	1.486	1.506	1.512	1.512	1.514
17	2035	1.512	1.512	1.512	1.512	1.526	1.554	1.496	1.486	1.480	1.508	1.527	1.527	1.513
18	2036	1.527	1.527	1.527	1.527	1.532	1.556	1.505	1.487	1.483	1.506	1.512	1.512	1.517
19	2037	1.512	1.512	1.512	1.512	1.534	1.557	1.498	1.482	1.486	1.510	1.523	1.523	1.513
20	2038	1.523	1.523	1.523	1.523	1.533	1.557	1.506	1.482	1.486	1.507	1.518	1.518	1.516
21	2039	1.518	1.518	1.518	1.518	1.533	1.549	1.498	1.482	1.486	1.507	1.529	1.529	1.515
22	2040	1.529	1.529	1.529	1.529	1.539	1.559	1.503	1.485	1.480	1.513	1.523	1.523	1.520

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-12. Simulated Baseline Volume of PO Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	1.656	1.656	1.656	1.656	1.734	1.644	1.561	1.549	1.539	1.602	1.669	1.669	1.632
1	2019	1.669	1.669	1.669	1.669	1.736	1.647	1.561	1.548	1.549	1.609	1.663	1.663	1.637
2	2020	1.663	1.663	1.663	1.663	1.748	1.650	1.569	1.550	1.548	1.612	1.681	1.681	1.641
3	2021	1.681	1.681	1.681	1.681	1.742	1.651	1.559	1.544	1.537	1.589	1.651	1.651	1.637
4	2022	1.651	1.651	1.651	1.651	1.736	1.649	1.559	1.549	1.539	1.604	1.679	1.679	1.633
5	2023	1.679	1.679	1.679	1.679	1.745	1.651	1.559	1.549	1.549	1.610	1.664	1.664	1.642
6	2024	1.664	1.664	1.664	1.664	1.761	1.651	1.561	1.547	1.541	1.610	1.658	1.658	1.637
7	2025	1.658	1.658	1.658	1.658	1.758	1.650	1.559	1.549	1.539	1.607	1.680	1.680	1.638
8	2026	1.680	1.680	1.680	1.680	1.759	1.650	1.559	1.547	1.548	1.604	1.655	1.655	1.641
9	2027	1.655	1.655	1.655	1.655	1.754	1.649	1.562	1.547	1.539	1.617	1.696	1.696	1.640
10	2028	1.696	1.696	1.696	1.696	1.774	1.650	1.559	1.549	1.548	1.605	1.681	1.681	1.652
11	2029	1.681	1.681	1.681	1.681	1.757	1.652	1.566	1.542	1.536	1.611	1.660	1.660	1.642
12	2030	1.660	1.660	1.660	1.660	1.767	1.650	1.559	1.547	1.540	1.605	1.682	1.682	1.639
13	2031	1.682	1.682	1.682	1.682	1.758	1.651	1.558	1.554	1.550	1.605	1.667	1.667	1.645
14	2032	1.667	1.667	1.667	1.667	1.789	1.650	1.558	1.550	1.541	1.611	1.682	1.682	1.644
15	2033	1.682	1.682	1.682	1.682	1.767	1.651	1.558	1.542	1.540	1.608	1.683	1.683	1.646
16	2034	1.683	1.683	1.683	1.683	1.784	1.652	1.558	1.542	1.536	1.591	1.660	1.661	1.643
17	2035	1.661	1.661	1.661	1.661	1.761	1.650	1.557	1.550	1.540	1.619	1.683	1.683	1.640
18	2036	1.683	1.683	1.683	1.683	1.801	1.660	1.558	1.542	1.545	1.606	1.662	1.665	1.647
19	2037	1.665	1.665	1.665	1.665	1.791	1.653	1.558	1.541	1.540	1.593	1.673	1.676	1.640
20	2038	1.676	1.676	1.676	1.676	1.775	1.649	1.557	1.550	1.548	1.606	1.678	1.682	1.646
21	2039	1.682	1.682	1.682	1.682	1.768	1.650	1.561	1.541	1.544	1.606	1.669	1.669	1.644
22	2040	1.669	1.669	1.669	1.669	1.784	1.648	1.558	1.550	1.542	1.610	1.685	1.685	1.645

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-13. Simulated Baseline Volume of Ogama Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	5.438	5.438	5.438	5.438	5.409	5.625	5.284	5.193	5.175	5.372	5.439	5.439	5.390
1	2019	5.439	5.439	5.439	5.439	5.411	5.626	5.284	5.194	5.176	5.374	5.442	5.442	5.391
2	2020	5.442	5.442	5.442	5.442	5.413	5.626	5.284	5.194	5.176	5.374	5.442	5.442	5.393
3	2021	5.442	5.442	5.442	5.442	5.414	5.626	5.284	5.194	5.176	5.375	5.443	5.443	5.393
4	2022	5.443	5.443	5.443	5.443	5.414	5.626	5.284	5.194	5.176	5.375	5.444	5.444	5.393
5	2023	5.444	5.444	5.444	5.444	5.415	5.625	5.284	5.194	5.176	5.376	5.444	5.444	5.394
6	2024	5.444	5.444	5.444	5.444	5.415	5.625	5.284	5.194	5.176	5.376	5.445	5.445	5.394
7	2025	5.445	5.445	5.445	5.445	5.416	5.625	5.284	5.194	5.177	5.377	5.446	5.446	5.395
8	2026	5.446	5.446	5.446	5.446	5.416	5.618	5.283	5.193	5.176	5.377	5.446	5.446	5.394
9	2027	5.446	5.446	5.446	5.446	5.417	5.618	5.283	5.193	5.176	5.377	5.447	5.447	5.394
10	2028	5.447	5.447	5.447	5.447	5.421	5.622	5.283	5.193	5.177	5.379	5.449	5.449	5.396
11	2029	5.449	5.449	5.449	5.449	5.423	5.622	5.283	5.193	5.177	5.379	5.450	5.450	5.397
12	2030	5.450	5.450	5.450	5.450	5.424	5.622	5.283	5.194	5.177	5.380	5.450	5.450	5.398
13	2031	5.450	5.450	5.450	5.450	5.424	5.622	5.283	5.194	5.177	5.380	5.451	5.451	5.398
14	2032	5.451	5.451	5.451	5.451	5.425	5.623	5.283	5.194	5.177	5.381	5.451	5.451	5.398
15	2033	5.451	5.451	5.451	5.451	5.425	5.622	5.283	5.194	5.177	5.381	5.452	5.452	5.398
16	2034	5.452	5.452	5.452	5.452	5.426	5.622	5.283	5.194	5.177	5.382	5.453	5.453	5.399
17	2035	5.453	5.453	5.453	5.453	5.427	5.622	5.283	5.194	5.178	5.382	5.453	5.453	5.400
18	2036	5.453	5.453	5.453	5.453	5.427	5.622	5.283	5.194	5.178	5.384	5.456	5.456	5.400
19	2037	5.456	5.456	5.456	5.456	5.429	5.621	5.283	5.194	5.178	5.384	5.456	5.456	5.401
20	2038	5.456	5.456	5.456	5.456	5.430	5.621	5.283	5.194	5.178	5.385	5.457	5.457	5.402
21	2039	5.457	5.457	5.457	5.457	5.430	5.622	5.283	5.194	5.178	5.385	5.458	5.458	5.402
22	2040	5.458	5.458	5.458	5.458	5.431	5.623	5.283	5.194	5.178	5.386	5.458	5.458	5.403

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-14. Simulated Baseline Volume of Ogama Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	5.212	5.212	5.212	5.212	5.306	5.380	5.107	5.065	5.063	5.209	5.238	5.238	5.204
1	2019	5.238	5.238	5.238	5.238	5.378	5.352	5.119	5.067	5.074	5.228	5.235	5.235	5.220
2	2020	5.235	5.235	5.235	5.235	5.440	5.379	5.115	5.066	5.037	5.196	5.214	5.214	5.217
3	2021	5.214	5.214	5.214	5.214	5.344	5.364	5.114	5.087	5.063	5.205	5.229	5.229	5.207
4	2022	5.229	5.229	5.229	5.229	5.374	5.363	5.111	5.064	5.064	5.210	5.257	5.257	5.218
5	2023	5.257	5.257	5.257	5.257	5.385	5.380	5.106	5.059	5.062	5.216	5.237	5.237	5.225
6	2024	5.237	5.237	5.237	5.237	5.380	5.359	5.115	5.064	5.064	5.197	5.246	5.246	5.218
7	2025	5.246	5.246	5.246	5.246	5.405	5.361	5.111	5.098	5.062	5.209	5.223	5.223	5.223
8	2026	5.223	5.223	5.223	5.223	5.367	5.379	5.113	5.061	5.075	5.215	5.280	5.280	5.222
9	2027	5.280	5.280	5.280	5.280	5.367	5.340	5.105	5.059	5.059	5.216	5.238	5.238	5.228
10	2028	5.238	5.238	5.238	5.238	5.460	5.377	5.111	5.064	5.062	5.212	5.216	5.216	5.222
11	2029	5.216	5.216	5.216	5.216	5.368	5.359	5.119	5.087	5.061	5.217	5.253	5.253	5.215
12	2030	5.253	5.253	5.253	5.253	5.448	5.358	5.113	5.062	5.064	5.215	5.281	5.281	5.236
13	2031	5.281	5.281	5.281	5.281	5.369	5.380	5.105	5.058	5.061	5.209	5.239	5.239	5.232
14	2032	5.239	5.239	5.239	5.239	5.482	5.354	5.113	5.059	5.064	5.210	5.254	5.254	5.229
15	2033	5.254	5.254	5.254	5.254	5.389	5.355	5.109	5.062	5.034	5.206	5.217	5.217	5.217
16	2034	5.217	5.217	5.217	5.217	5.390	5.378	5.119	5.056	5.091	5.172	5.218	5.218	5.209
17	2035	5.218	5.218	5.218	5.218	5.381	5.355	5.104	5.055	5.059	5.209	5.283	5.283	5.217
18	2036	5.283	5.283	5.283	5.283	5.463	5.352	5.115	5.077	5.060	5.205	5.219	5.219	5.237
19	2037	5.219	5.219	5.219	5.219	5.471	5.363	5.111	5.057	5.064	5.246	5.327	5.327	5.237
20	2038	5.327	5.327	5.327	5.327	5.484	5.354	5.113	5.065	5.060	5.208	5.299	5.299	5.265
21	2039	5.299	5.299	5.299	5.299	5.463	5.332	5.102	5.054	5.074	5.208	5.335	5.335	5.258
22	2040	5.335	5.335	5.335	5.335	5.506	5.352	5.110	5.066	5.064	5.216	5.310	5.310	5.272

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-15. Simulated Baseline Volume of Ogama Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	5.985	5.985	5.985	5.985	6.128	5.764	5.360	5.387	5.317	5.718	6.012	6.012	5.802
1	2019	6.012	6.012	6.012	6.012	6.134	5.765	5.365	5.400	5.325	5.773	5.995	5.995	5.816
2	2020	5.995	5.995	5.995	5.995	6.011	5.762	5.380	5.399	5.326	5.761	6.074	6.074	5.813
3	2021	6.074	6.074	6.074	6.074	6.125	5.743	5.359	5.373	5.310	5.665	5.943	5.943	5.811
4	2022	5.943	5.943	5.943	5.943	6.011	5.827	5.377	5.404	5.359	5.665	5.998	5.998	5.783
5	2023	5.998	5.998	5.998	5.998	6.137	5.773	5.362	5.406	5.310	5.710	5.951	5.951	5.798
6	2024	5.951	5.951	5.951	5.951	6.066	5.752	5.367	5.384	5.311	5.755	5.945	5.945	5.776
7	2025	5.945	5.945	5.945	5.945	6.062	5.732	5.363	5.400	5.327	5.667	6.000	6.000	5.776
8	2026	6.000	6.000	6.000	6.000	6.144	5.769	5.359	5.385	5.310	5.637	5.915	5.915	5.785
9	2027	5.915	5.915	5.915	5.915	6.053	5.778	5.364	5.400	5.328	5.757	6.036	6.036	5.783
10	2028	6.036	6.036	6.036	6.036	6.180	5.720	5.364	5.406	5.328	5.679	6.003	6.003	5.818
11	2029	6.003	6.003	6.003	6.003	6.028	5.789	5.364	5.355	5.311	5.759	5.948	5.948	5.791
12	2030	5.948	5.948	5.948	5.948	6.159	5.772	5.360	5.402	5.361	5.670	6.004	6.004	5.793
13	2031	6.004	6.004	6.004	6.004	6.043	5.719	5.364	5.374	5.329	5.707	5.956	5.956	5.787
14	2032	5.956	5.956	5.956	5.956	6.157	5.754	5.374	5.403	5.330	5.744	5.999	5.999	5.798
15	2033	5.999	5.999	5.999	5.999	6.107	5.706	5.359	5.373	5.311	5.744	6.000	6.000	5.799
16	2034	6.000	6.000	6.000	6.000	6.151	5.752	5.361	5.373	5.311	5.643	5.913	5.928	5.785
17	2035	5.928	5.928	5.928	5.928	6.059	5.715	5.365	5.402	5.321	5.746	6.001	6.001	5.776
18	2036	6.001	6.001	6.001	6.001	6.150	5.709	5.366	5.372	5.302	5.715	5.921	5.975	5.792
19	2037	5.975	5.975	5.975	5.975	6.147	5.677	5.365	5.372	5.331	5.685	6.002	6.002	5.789
20	2038	6.002	6.002	6.002	6.002	6.073	5.744	5.362	5.405	5.311	5.646	5.989	5.995	5.793
21	2039	5.995	5.995	5.995	5.995	6.066	5.755	5.366	5.373	5.312	5.676	5.930	5.965	5.784
22	2040	5.965	5.965	5.965	5.965	6.085	5.668	5.367	5.406	5.332	5.687	5.933	6.003	5.777

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-16. Simulated Baseline Volume of Doris Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	29.490	29.490	29.490	29.490	29.430	30.950	30.100	29.860	29.850	29.680	29.490	29.490	29.734
1	2019	29.490	29.490	29.490	29.490	29.430	30.950	30.100	29.860	29.850	29.680	29.500	29.490	29.735
2	2020	29.490	29.490	29.490	29.490	29.430	30.960	30.100	29.860	29.850	29.680	29.500	29.490	29.736
3	2021	29.490	29.490	29.490	29.490	29.430	30.960	30.100	29.860	29.850	29.680	29.500	29.490	29.736
4	2022	29.490	29.490	29.490	29.490	29.430	30.960	30.100	29.860	29.850	29.680	29.490	29.490	29.735
5	2023	29.490	29.490	29.490	29.490	29.430	30.960	30.100	29.860	29.850	29.680	29.490	29.490	29.735
6	2024	29.490	29.490	29.490	29.490	29.430	30.970	30.100	29.860	29.850	29.680	29.490	29.490	29.736
7	2025	29.490	29.490	29.490	29.490	29.430	30.970	30.100	29.860	29.850	29.680	29.490	29.490	29.736
8	2026	29.490	29.490	29.490	29.490	29.430	30.990	30.100	29.860	29.850	29.680	29.490	29.490	29.737
9	2027	29.490	29.490	29.490	29.490	29.420	30.990	30.090	29.860	29.850	29.680	29.490	29.490	29.735
10	2028	29.490	29.490	29.490	29.490	29.430	31.000	30.090	29.860	29.850	29.690	29.490	29.480	29.737
11	2029	29.480	29.480	29.480	29.480	29.420	31.000	30.100	29.860	29.850	29.690	29.480	29.470	29.732
12	2030	29.470	29.470	29.470	29.470	29.410	31.000	30.090	29.860	29.850	29.690	29.470	29.470	29.726
13	2031	29.470	29.470	29.470	29.470	29.400	30.990	30.090	29.860	29.850	29.690	29.470	29.460	29.724
14	2032	29.460	29.460	29.460	29.460	29.400	31.000	30.090	29.860	29.850	29.690	29.470	29.460	29.721
15	2033	29.460	29.460	29.460	29.460	29.400	31.000	30.090	29.860	29.850	29.690	29.470	29.460	29.721
16	2034	29.460	29.460	29.460	29.460	29.400	31.000	30.090	29.860	29.850	29.690	29.460	29.460	29.721
17	2035	29.460	29.460	29.460	29.460	29.390	31.000	30.090	29.860	29.850	29.690	29.460	29.460	29.720
18	2036	29.460	29.460	29.460	29.460	29.390	31.010	30.090	29.860	29.860	29.690	29.460	29.460	29.721
19	2037	29.460	29.460	29.460	29.460	29.390	31.010	30.090	29.860	29.860	29.690	29.460	29.460	29.721
20	2038	29.460	29.460	29.460	29.460	29.390	31.010	30.090	29.860	29.860	29.690	29.470	29.460	29.722
21	2039	29.460	29.460	29.460	29.460	29.390	31.020	30.090	29.860	29.860	29.690	29.460	29.450	29.721
22	2040	29.450	29.450	29.450	29.450	29.390	31.020	30.090	29.860	29.860	29.690	29.460	29.450	29.718

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-17. Simulated Baseline Volume of Doris Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	29.440	29.440	29.440	29.440	29.390	30.280	29.750	29.620	29.640	29.600	29.450	29.440	29.577
1	2019	29.440	29.440	29.440	29.440	29.410	30.260	29.750	29.650	29.690	29.580	29.450	29.440	29.582
2	2020	29.440	29.440	29.440	29.440	29.410	30.270	29.750	29.640	29.640	29.580	29.450	29.440	29.578
3	2021	29.440	29.440	29.440	29.440	29.390	30.250	29.750	29.620	29.670	29.600	29.440	29.430	29.576
4	2022	29.430	29.430	29.430	29.430	29.410	30.260	29.740	29.640	29.710	29.600	29.450	29.440	29.581
5	2023	29.440	29.440	29.440	29.440	29.410	30.290	29.750	29.630	29.640	29.600	29.440	29.430	29.579
6	2024	29.430	29.430	29.430	29.430	29.430	30.210	29.740	29.620	29.640	29.580	29.450	29.430	29.568
7	2025	29.430	29.430	29.430	29.430	29.410	30.270	29.740	29.680	29.630	29.580	29.440	29.430	29.575
8	2026	29.430	29.430	29.430	29.430	29.410	30.180	29.750	29.620	29.670	29.600	29.450	29.430	29.569
9	2027	29.430	29.430	29.430	29.430	29.410	30.260	29.740	29.640	29.630	29.580	29.440	29.430	29.571
10	2028	29.430	29.430	29.430	29.430	29.410	30.240	29.740	29.640	29.670	29.580	29.440	29.430	29.572
11	2029	29.430	29.430	29.430	29.430	29.410	30.200	29.740	29.640	29.670	29.600	29.440	29.430	29.571
12	2030	29.430	29.430	29.430	29.430	29.410	30.190	29.740	29.620	29.650	29.600	29.450	29.440	29.568
13	2031	29.440	29.440	29.440	29.440	29.410	30.220	29.730	29.620	29.630	29.610	29.440	29.430	29.571
14	2032	29.430	29.430	29.430	29.430	29.400	30.210	29.740	29.620	29.630	29.580	29.440	29.430	29.564
15	2033	29.430	29.430	29.430	29.430	29.400	30.180	29.720	29.630	29.630	29.600	29.440	29.430	29.562
16	2034	29.430	29.430	29.430	29.430	29.410	30.230	29.740	29.610	29.720	29.600	29.440	29.430	29.575
17	2035	29.430	29.430	29.430	29.430	29.400	30.180	29.720	29.640	29.630	29.580	29.450	29.440	29.563
18	2036	29.440	29.440	29.440	29.440	29.400	30.180	29.750	29.630	29.630	29.600	29.440	29.430	29.568
19	2037	29.430	29.430	29.430	29.430	29.400	30.170	29.740	29.620	29.650	29.580	29.440	29.440	29.563
20	2038	29.440	29.440	29.440	29.440	29.400	30.170	29.740	29.620	29.660	29.580	29.440	29.430	29.566
21	2039	29.430	29.430	29.430	29.430	29.390	30.160	29.710	29.620	29.690	29.610	29.450	29.440	29.566
22	2040	29.440	29.440	29.440	29.440	29.410	30.150	29.720	29.620	29.630	29.600	29.440	29.440	29.564

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-18. Simulated Baseline Volume of Doris Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	29.600	29.600	29.600	29.600	30.560	31.490	30.300	30.290	30.170	29.910	29.660	29.620	30.035
1	2019	29.620	29.620	29.620	29.620	30.230	31.510	30.300	30.290	30.190	29.910	29.650	29.630	30.017
2	2020	29.630	29.630	29.630	29.630	30.500	31.530	30.330	30.320	30.190	29.930	29.660	29.640	30.053
3	2021	29.640	29.640	29.640	29.640	30.230	31.600	30.260	30.270	30.160	29.870	29.650	29.600	30.017
4	2022	29.600	29.600	29.600	29.600	30.230	31.710	30.280	30.290	30.170	29.870	29.670	29.630	30.021
5	2023	29.630	29.630	29.630	29.630	30.220	31.510	30.260	30.310	30.190	29.930	29.660	29.640	30.021
6	2024	29.640	29.640	29.640	29.640	30.580	31.580	30.320	30.270	30.190	29.910	29.650	29.630	30.059
7	2025	29.630	29.630	29.630	29.630	30.580	31.540	30.270	30.320	30.170	29.880	29.660	29.630	30.049
8	2026	29.630	29.630	29.630	29.630	30.470	31.620	30.280	30.290	30.190	29.860	29.660	29.630	30.044
9	2027	29.630	29.630	29.630	29.630	30.330	31.510	30.290	30.290	30.170	29.950	29.660	29.630	30.030
10	2028	29.630	29.630	29.630	29.630	30.600	31.640	30.280	30.340	30.190	29.890	29.660	29.640	30.065
11	2029	29.640	29.640	29.640	29.640	30.410	31.460	30.290	30.230	30.160	29.920	29.660	29.630	30.028
12	2030	29.630	29.630	29.630	29.630	30.600	31.640	30.280	30.300	30.170	29.880	29.660	29.620	30.057
13	2031	29.620	29.620	29.620	29.620	30.400	31.510	30.270	30.300	30.200	29.930	29.660	29.620	30.032
14	2032	29.620	29.620	29.620	29.620	30.620	31.600	30.280	30.330	30.190	29.930	29.660	29.630	30.061
15	2033	29.630	29.630	29.630	29.630	30.430	31.490	30.270	30.330	30.180	29.910	29.660	29.620	30.035
16	2034	29.620	29.620	29.620	29.620	30.620	31.600	30.270	30.230	30.160	29.870	29.650	29.580	30.039
17	2035	29.580	29.580	29.580	29.580	30.500	31.500	30.270	30.300	30.180	29.980	29.680	29.640	30.032
18	2036	29.640	29.640	29.640	29.640	30.550	31.580	30.270	30.300	30.200	29.930	29.650	29.630	30.057
19	2037	29.630	29.630	29.630	29.630	30.630	31.500	30.280	30.310	30.180	29.890	29.730	29.580	30.053
20	2038	29.580	29.580	29.580	29.580	30.490	31.570	30.250	30.300	30.200	29.880	29.660	29.630	30.026
21	2039	29.630	29.630	29.630	29.630	30.540	31.510	30.280	30.300	30.190	29.890	29.660	29.640	30.045
22	2040	29.640	29.640	29.640	29.640	30.600	31.540	30.280	30.340	30.200	29.890	29.660	29.640	30.060

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-19. Simulated Baseline Volume of Windy Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	46.010	46.010	46.010	46.010	45.920	46.440	46.140	45.870	45.850	45.980	46.010	46.010	46.021
1	2019	46.010	46.010	46.010	46.010	45.920	46.450	46.140	45.870	45.850	45.980	46.010	46.010	46.022
2	2020	46.010	46.010	46.010	46.010	45.920	46.450	46.140	45.870	45.850	45.980	46.010	46.010	46.022
3	2021	46.010	46.010	46.010	46.010	45.920	46.450	46.140	45.870	45.850	45.980	46.010	46.010	46.022
4	2022	46.010	46.010	46.010	46.010	45.920	46.450	46.140	45.870	45.850	45.980	46.010	46.010	46.022
5	2023	46.010	46.010	46.010	46.010	45.920	46.450	46.140	45.870	45.850	45.980	46.010	46.010	46.022
6	2024	46.010	46.010	46.010	46.010	45.920	46.460	46.140	45.870	45.850	45.980	46.010	46.010	46.023
7	2025	46.010	46.010	46.010	46.010	45.920	46.460	46.130	45.870	45.850	45.980	46.010	46.010	46.022
8	2026	46.010	46.010	46.010	46.010	45.920	46.460	46.130	45.870	45.850	45.980	46.010	46.010	46.022
9	2027	46.010	46.010	46.010	46.010	45.920	46.460	46.130	45.870	45.850	45.980	46.010	46.010	46.022
10	2028	46.010	46.010	46.010	46.010	45.920	46.460	46.130	45.860	45.850	45.980	46.010	46.010	46.021
11	2029	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.850	45.980	46.010	46.010	46.022
12	2030	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.840	45.980	46.010	46.010	46.021
13	2031	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.840	45.980	46.010	46.010	46.021
14	2032	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.840	45.980	46.010	46.010	46.021
15	2033	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.840	45.980	46.010	46.010	46.021
16	2034	46.010	46.010	46.010	46.010	45.920	46.470	46.130	45.860	45.840	45.980	46.010	46.010	46.021
17	2035	46.010	46.010	46.010	46.010	45.920	46.470	46.120	45.860	45.840	45.980	46.010	46.010	46.020
18	2036	46.010	46.010	46.010	46.010	45.920	46.470	46.120	45.860	45.840	45.980	46.010	46.010	46.020
19	2037	46.010	46.010	46.010	46.010	45.920	46.470	46.120	45.860	45.840	45.980	46.010	46.010	46.020
20	2038	46.010	46.010	46.010	46.010	45.920	46.480	46.120	45.860	45.840	45.980	46.010	46.010	46.021
21	2039	46.010	46.010	46.010	46.010	45.920	46.480	46.120	45.850	45.840	45.980	46.010	46.010	46.020
22	2040	46.010	46.010	46.010	46.010	45.920	46.480	46.120	45.850	45.840	45.980	46.010	46.010	46.020

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-20. Simulated Baseline Volume of Windy Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	45.810	45.810	45.810	45.810	45.780	46.150	45.800	45.590	45.640	45.800	45.810	45.810	45.801
1	2019	45.810	45.810	45.810	45.810	45.790	46.160	45.820	45.640	45.640	45.740	45.810	45.810	45.804
2	2020	45.810	45.810	45.810	45.810	45.800	46.190	45.830	45.620	45.640	45.740	45.810	45.810	45.806
3	2021	45.810	45.810	45.810	45.810	45.790	46.160	45.790	45.590	45.630	45.760	45.820	45.820	45.799
4	2022	45.820	45.820	45.820	45.820	45.800	46.160	45.800	45.590	45.630	45.730	45.820	45.820	45.802
5	2023	45.820	45.820	45.820	45.820	45.800	46.170	45.790	45.590	45.630	45.760	45.820	45.820	45.804
6	2024	45.820	45.820	45.820	45.820	45.800	46.180	45.790	45.590	45.630	45.730	45.820	45.820	45.803
7	2025	45.820	45.820	45.820	45.820	45.790	46.170	45.810	45.650	45.630	45.760	45.820	45.820	45.810
8	2026	45.820	45.820	45.820	45.820	45.800	46.160	45.780	45.580	45.640	45.800	45.820	45.820	45.806
9	2027	45.820	45.820	45.820	45.820	45.800	46.160	45.810	45.600	45.630	45.730	45.820	45.820	45.803
10	2028	45.820	45.820	45.820	45.820	45.800	46.210	45.780	45.610	45.630	45.730	45.810	45.810	45.804
11	2029	45.810	45.810	45.810	45.810	45.800	46.160	45.830	45.630	45.620	45.790	45.820	45.820	45.809
12	2030	45.820	45.820	45.820	45.820	45.790	46.160	45.790	45.580	45.620	45.730	45.810	45.810	45.797
13	2031	45.810	45.810	45.810	45.810	45.800	46.210	45.770	45.580	45.620	45.790	45.820	45.820	45.803
14	2032	45.820	45.820	45.820	45.820	45.820	46.160	45.770	45.580	45.620	45.730	45.820	45.820	45.799
15	2033	45.820	45.820	45.820	45.820	45.790	46.160	45.760	45.600	45.620	45.750	45.780	45.780	45.793
16	2034	45.780	45.780	45.780	45.780	45.810	46.240	45.820	45.580	45.620	45.720	45.830	45.830	45.797
17	2035	45.830	45.830	45.830	45.830	45.790	46.150	45.760	45.590	45.610	45.770	45.830	45.830	45.803
18	2036	45.830	45.830	45.830	45.830	45.820	46.200	45.800	45.630	45.610	45.760	45.800	45.800	45.811
19	2037	45.800	45.800	45.800	45.800	45.860	46.180	45.760	45.570	45.610	45.720	45.820	45.820	45.794
20	2038	45.820	45.820	45.820	45.820	45.810	46.210	45.800	45.570	45.610	45.780	45.820	45.820	45.808
21	2039	45.820	45.820	45.820	45.820	45.800	46.150	45.720	45.570	45.610	45.780	45.820	45.820	45.795
22	2040	45.820	45.820	45.820	45.820	45.820	46.200	45.760	45.590	45.610	45.790	45.810	45.810	45.805

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-21. Simulated Baseline Volume of Windy Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	46.390	46.390	46.390	46.390	46.690	46.850	46.280	46.170	46.150	46.320	46.430	46.430	46.406
1	2019	46.430	46.430	46.430	46.430	46.700	46.860	46.290	46.150	46.240	46.340	46.440	46.440	46.431
2	2020	46.440	46.440	46.440	46.440	46.550	46.860	46.370	46.170	46.240	46.340	46.540	46.540	46.447
3	2021	46.540	46.540	46.540	46.540	46.730	47.000	46.290	46.150	46.150	46.250	46.390	46.390	46.458
4	2022	46.390	46.390	46.390	46.390	46.560	46.870	46.290	46.150	46.150	46.340	46.440	46.440	46.399
5	2023	46.440	46.440	46.440	46.440	46.570	46.880	46.280	46.170	46.240	46.340	46.400	46.400	46.419
6	2024	46.400	46.400	46.400	46.400	46.830	46.900	46.300	46.160	46.150	46.340	46.440	46.440	46.430
7	2025	46.440	46.440	46.440	46.440	46.620	46.900	46.290	46.150	46.250	46.340	46.440	46.440	46.432
8	2026	46.440	46.440	46.440	46.440	46.610	46.900	46.290	46.150	46.150	46.340	46.440	46.440	46.423
9	2027	46.440	46.440	46.440	46.440	46.800	46.870	46.290	46.150	46.250	46.340	46.450	46.450	46.446
10	2028	46.450	46.450	46.450	46.450	46.650	47.010	46.300	46.150	46.260	46.340	46.440	46.440	46.448
11	2029	46.440	46.440	46.440	46.440	46.660	46.880	46.350	46.140	46.140	46.310	46.410	46.410	46.421
12	2030	46.410	46.410	46.410	46.410	46.820	46.910	46.290	46.150	46.260	46.340	46.440	46.440	46.440
13	2031	46.440	46.440	46.440	46.440	46.660	46.910	46.250	46.230	46.250	46.310	46.440	46.440	46.437
14	2032	46.440	46.440	46.440	46.440	46.860	46.930	46.290	46.140	46.150	46.340	46.440	46.440	46.445
15	2033	46.440	46.440	46.440	46.440	46.750	46.930	46.290	46.120	46.140	46.340	46.440	46.440	46.434
16	2034	46.440	46.440	46.440	46.440	46.860	46.930	46.280	46.120	46.140	46.310	46.420	46.420	46.436
17	2035	46.420	46.420	46.420	46.420	46.780	46.870	46.240	46.150	46.190	46.350	46.460	46.460	46.431
18	2036	46.460	46.460	46.460	46.460	46.800	47.020	46.290	46.150	46.250	46.310	46.440	46.440	46.461
19	2037	46.440	46.440	46.440	46.440	46.870	46.950	46.280	46.140	46.140	46.350	46.450	46.450	46.449
20	2038	46.450	46.450	46.450	46.450	46.800	46.940	46.240	46.150	46.190	46.350	46.450	46.450	46.447
21	2039	46.450	46.450	46.450	46.450	46.780	46.890	46.290	46.150	46.130	46.350	46.450	46.450	46.440
22	2040	46.450	46.450	46.450	46.450	46.830	46.930	46.260	46.140	46.150	46.350	46.450	46.450	46.446

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-22. Simulated Baseline Volume of Stickleback Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	2.162	2.162	2.162	2.162	2.147	2.237	2.185	2.135	2.133	2.159	2.164	2.164	2.164
1	2019	2.164	2.164	2.164	2.164	2.149	2.242	2.184	2.134	2.132	2.158	2.163	2.163	2.165
2	2020	2.163	2.163	2.163	2.163	2.148	2.242	2.183	2.134	2.132	2.158	2.163	2.163	2.164
3	2021	2.163	2.163	2.163	2.163	2.148	2.242	2.183	2.134	2.132	2.158	2.163	2.163	2.164
4	2022	2.163	2.163	2.163	2.163	2.148	2.243	2.183	2.134	2.131	2.158	2.164	2.164	2.165
5	2023	2.164	2.164	2.164	2.164	2.148	2.243	2.183	2.134	2.131	2.158	2.163	2.163	2.165
6	2024	2.163	2.163	2.163	2.163	2.148	2.243	2.183	2.134	2.131	2.158	2.163	2.163	2.164
7	2025	2.163	2.163	2.163	2.163	2.148	2.243	2.183	2.133	2.131	2.158	2.163	2.163	2.164
8	2026	2.163	2.163	2.163	2.163	2.148	2.244	2.183	2.133	2.131	2.158	2.163	2.163	2.164
9	2027	2.163	2.163	2.163	2.163	2.148	2.244	2.183	2.133	2.131	2.158	2.163	2.163	2.164
10	2028	2.163	2.163	2.163	2.163	2.148	2.244	2.183	2.133	2.131	2.158	2.163	2.163	2.164
11	2029	2.163	2.163	2.163	2.163	2.148	2.244	2.183	2.133	2.131	2.158	2.163	2.163	2.164
12	2030	2.163	2.163	2.163	2.163	2.148	2.244	2.183	2.133	2.131	2.158	2.163	2.163	2.164
13	2031	2.163	2.163	2.163	2.163	2.148	2.245	2.182	2.132	2.130	2.157	2.163	2.163	2.164
14	2032	2.163	2.163	2.163	2.163	2.147	2.245	2.182	2.132	2.130	2.157	2.163	2.163	2.164
15	2033	2.163	2.163	2.163	2.163	2.148	2.246	2.182	2.132	2.130	2.157	2.163	2.163	2.164
16	2034	2.163	2.163	2.163	2.163	2.148	2.246	2.182	2.132	2.130	2.157	2.163	2.163	2.164
17	2035	2.163	2.163	2.163	2.163	2.148	2.246	2.182	2.132	2.130	2.157	2.163	2.163	2.164
18	2036	2.163	2.163	2.163	2.163	2.148	2.247	2.182	2.132	2.130	2.157	2.163	2.163	2.164
19	2037	2.163	2.163	2.163	2.163	2.147	2.247	2.182	2.131	2.130	2.157	2.163	2.163	2.164
20	2038	2.163	2.163	2.163	2.163	2.147	2.247	2.182	2.131	2.129	2.157	2.163	2.163	2.164
21	2039	2.163	2.163	2.163	2.163	2.147	2.247	2.181	2.131	2.129	2.157	2.163	2.163	2.164
22	2040	2.163	2.163	2.163	2.163	2.147	2.247	2.181	2.131	2.129	2.157	2.163	2.163	2.164

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-23. Simulated Baseline Volume of Stickleback Lake under 1-in-20-Year Dry Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	2.117	2.117	2.117	2.117	2.107	2.185	2.122	2.080	2.088	2.116	2.119	2.119	2.117
1	2019	2.119	2.119	2.119	2.119	2.107	2.185	2.117	2.085	2.083	2.105	2.120	2.120	2.116
2	2020	2.120	2.120	2.120	2.120	2.113	2.188	2.124	2.081	2.083	2.105	2.117	2.117	2.117
3	2021	2.117	2.117	2.117	2.117	2.117	2.185	2.117	2.080	2.082	2.107	2.118	2.118	2.116
4	2022	2.118	2.118	2.118	2.118	2.120	2.185	2.120	2.082	2.082	2.104	2.121	2.121	2.117
5	2023	2.121	2.121	2.121	2.121	2.113	2.187	2.117	2.081	2.082	2.106	2.121	2.121	2.118
6	2024	2.121	2.121	2.121	2.121	2.124	2.186	2.116	2.077	2.080	2.102	2.117	2.117	2.117
7	2025	2.117	2.117	2.117	2.117	2.111	2.188	2.117	2.089	2.081	2.106	2.119	2.119	2.116
8	2026	2.119	2.119	2.119	2.119	2.120	2.185	2.121	2.079	2.080	2.115	2.124	2.124	2.119
9	2027	2.124	2.124	2.124	2.124	2.119	2.185	2.116	2.081	2.080	2.103	2.120	2.120	2.118
10	2028	2.120	2.120	2.120	2.120	2.116	2.186	2.116	2.083	2.080	2.103	2.119	2.119	2.117
11	2029	2.119	2.119	2.119	2.119	2.116	2.185	2.122	2.082	2.080	2.110	2.121	2.121	2.118
12	2030	2.121	2.121	2.121	2.121	2.120	2.185	2.118	2.078	2.080	2.102	2.118	2.118	2.117
13	2031	2.118	2.118	2.118	2.118	2.114	2.194	2.120	2.079	2.079	2.117	2.121	2.121	2.118
14	2032	2.121	2.121	2.121	2.121	2.120	2.185	2.115	2.082	2.079	2.102	2.118	2.118	2.117
15	2033	2.118	2.118	2.118	2.118	2.119	2.187	2.116	2.078	2.079	2.105	2.111	2.111	2.115
16	2034	2.111	2.111	2.111	2.111	2.139	2.194	2.121	2.075	2.078	2.102	2.121	2.121	2.116
17	2035	2.121	2.121	2.121	2.121	2.112	2.180	2.115	2.079	2.079	2.104	2.121	2.121	2.116
18	2036	2.121	2.121	2.121	2.121	2.118	2.186	2.114	2.081	2.078	2.103	2.120	2.120	2.117
19	2037	2.120	2.120	2.120	2.120	2.119	2.186	2.117	2.079	2.078	2.101	2.121	2.121	2.117
20	2038	2.121	2.121	2.121	2.121	2.110	2.187	2.115	2.077	2.077	2.104	2.119	2.119	2.116
21	2039	2.119	2.119	2.119	2.119	2.114	2.184	2.104	2.077	2.077	2.103	2.119	2.119	2.114
22	2040	2.119	2.119	2.119	2.119	2.120	2.189	2.117	2.078	2.082	2.114	2.119	2.119	2.118

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-24. Simulated Baseline Volume of Stickleback Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	2.234	2.234	2.234	2.234	2.273	2.311	2.208	2.181	2.187	2.222	2.242	2.242	2.233
1	2019	2.242	2.242	2.242	2.242	2.275	2.312	2.208	2.182	2.204	2.223	2.244	2.244	2.238
2	2020	2.244	2.244	2.244	2.244	2.264	2.314	2.223	2.188	2.204	2.224	2.262	2.262	2.243
3	2021	2.262	2.262	2.262	2.262	2.292	2.335	2.207	2.182	2.187	2.206	2.234	2.234	2.243
4	2022	2.234	2.234	2.234	2.234	2.253	2.313	2.207	2.182	2.187	2.224	2.244	2.244	2.232
5	2023	2.244	2.244	2.244	2.244	2.262	2.316	2.206	2.187	2.204	2.222	2.237	2.237	2.237
6	2024	2.237	2.237	2.237	2.237	2.265	2.318	2.211	2.187	2.187	2.223	2.245	2.245	2.236
7	2025	2.245	2.245	2.245	2.245	2.297	2.319	2.206	2.180	2.203	2.223	2.244	2.244	2.241
8	2026	2.244	2.244	2.244	2.244	2.264	2.319	2.206	2.187	2.186	2.224	2.244	2.244	2.237
9	2027	2.244	2.244	2.244	2.244	2.264	2.317	2.212	2.181	2.204	2.226	2.246	2.246	2.239
10	2028	2.246	2.246	2.246	2.246	2.269	2.322	2.206	2.187	2.204	2.224	2.245	2.245	2.240
11	2029	2.245	2.245	2.245	2.245	2.272	2.320	2.220	2.180	2.186	2.222	2.238	2.238	2.238
12	2030	2.238	2.238	2.238	2.238	2.307	2.320	2.206	2.182	2.203	2.226	2.245	2.245	2.240
13	2031	2.245	2.245	2.245	2.245	2.271	2.320	2.204	2.184	2.204	2.222	2.245	2.245	2.239
14	2032	2.245	2.245	2.245	2.245	2.310	2.323	2.206	2.180	2.204	2.225	2.245	2.245	2.243
15	2033	2.245	2.245	2.245	2.245	2.278	2.323	2.206	2.180	2.186	2.225	2.245	2.245	2.239
16	2034	2.245	2.245	2.245	2.245	2.309	2.323	2.206	2.179	2.186	2.222	2.241	2.241	2.240
17	2035	2.241	2.241	2.241	2.241	2.293	2.311	2.203	2.182	2.204	2.226	2.247	2.247	2.240
18	2036	2.247	2.247	2.247	2.247	2.296	2.340	2.206	2.183	2.186	2.222	2.245	2.245	2.242
19	2037	2.245	2.245	2.245	2.245	2.311	2.325	2.206	2.180	2.186	2.227	2.246	2.246	2.242
20	2038	2.246	2.246	2.246	2.246	2.297	2.325	2.202	2.180	2.204	2.225	2.245	2.245	2.242
21	2039	2.245	2.245	2.245	2.245	2.290	2.322	2.210	2.181	2.185	2.227	2.246	2.246	2.240
22	2040	2.246	2.246	2.246	2.246	2.302	2.326	2.204	2.180	2.204	2.226	2.246	2.246	2.243

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-25. Simulated Baseline Volume of Aimaokatalok Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	134.300	134.300	134.300	134.300	134.000	156.800	137.200	132.800	132.500	136.400	134.300	134.300	136.273
1	2019	134.300	134.300	134.300	134.300	134.000	157.100	137.000	132.800	132.500	136.400	134.300	134.300	136.281
2	2020	134.300	134.300	134.300	134.300	134.000	157.200	137.000	132.800	132.500	136.400	134.300	134.300	136.289
3	2021	134.300	134.300	134.300	134.300	134.000	157.200	137.000	132.900	132.600	136.400	134.300	134.300	136.306
4	2022	134.300	134.300	134.300	134.300	134.000	157.200	137.000	132.900	132.600	136.500	134.400	134.300	136.322
5	2023	134.300	134.300	134.300	134.300	134.000	157.300	137.000	132.900	132.600	136.500	134.400	134.300	136.331
6	2024	134.300	134.300	134.300	134.300	134.000	157.300	137.000	132.900	132.600	136.500	134.400	134.300	136.331
7	2025	134.300	134.300	134.300	134.300	134.000	157.400	137.000	132.900	132.600	136.500	134.400	134.300	136.339
8	2026	134.300	134.300	134.300	134.300	134.000	157.400	137.000	132.900	132.600	136.500	133.900	133.800	136.255
9	2027	133.800	133.800	133.800	133.800	133.500	157.300	137.000	132.900	132.600	136.500	133.900	133.800	136.040
10	2028	133.800	133.800	133.800	133.800	133.500	157.300	137.000	132.900	132.600	136.600	134.000	133.800	136.057
11	2029	133.800	133.800	133.800	133.800	133.500	157.400	137.000	132.900	132.700	136.600	134.000	133.900	136.082
12	2030	133.900	133.900	133.900	133.900	133.500	157.400	137.000	133.000	132.700	136.600	134.000	133.900	136.123
13	2031	133.900	133.900	133.900	133.900	133.600	157.300	137.000	133.000	132.700	136.600	134.000	133.900	136.124
14	2032	133.900	133.900	133.900	133.900	133.600	157.300	137.000	133.000	132.700	136.600	134.000	133.900	136.124
15	2033	133.900	133.900	133.900	133.900	133.600	157.400	137.000	133.000	132.700	136.700	133.600	133.400	136.065
16	2034	133.400	133.400	133.400	133.400	133.200	157.300	137.000	133.000	132.700	136.700	133.600	133.400	135.858
17	2035	133.400	133.400	133.400	133.400	133.200	157.300	137.000	133.000	132.700	136.700	132.900	132.500	135.724
18	2036	132.500	132.500	132.500	132.500	132.300	157.200	137.000	133.000	132.700	136.700	132.600	132.200	135.294
19	2037	132.200	132.200	132.200	132.200	131.900	157.100	137.000	133.000	132.700	136.700	132.300	131.800	135.094
20	2038	131.800	131.800	131.800	131.800	131.600	157.000	137.000	133.000	132.800	136.700	132.300	131.800	134.937
21	2039	131.800	131.800	131.800	131.800	131.600	157.100	137.000	133.000	132.800	136.700	132.300	131.800	134.945
22	2040	131.800	131.800	131.800	131.800	131.600	157.100	137.000	133.000	132.800	136.800	132.100	131.400	134.904

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-25. Simulated Baseline Volume of Aimaokatalok Lake under Average Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	130.100	130.100	130.100	130.100	130.900	141.200	130.600	129.500	128.800	132.800	131.300	130.600	131.335
1	2019	130.600	130.600	130.600	130.600	131.000	139.900	130.700	129.100	129.100	133.300	131.600	130.700	131.476
2	2020	130.700	130.700	130.700	130.700	132.200	140.600	130.800	128.700	128.400	132.100	131.300	130.800	131.467
3	2021	130.800	130.800	130.800	130.800	132.400	139.500	130.500	129.700	128.800	132.500	131.300	130.400	131.519
4	2022	130.400	130.400	130.400	130.400	131.200	139.900	130.700	128.200	129.300	133.100	131.400	130.800	131.342
5	2023	130.800	130.800	130.800	130.800	132.400	141.100	130.800	129.300	128.800	132.900	131.200	130.500	131.676
6	2024	130.500	130.500	130.500	130.500	133.400	139.400	130.300	128.700	129.300	132.500	131.100	130.500	131.428
7	2025	130.500	130.500	130.500	130.500	132.400	140.500	130.700	129.800	128.800	132.500	130.900	130.400	131.495
8	2026	130.400	130.400	130.400	130.400	133.800	139.800	130.700	128.700	130.100	132.500	130.900	130.500	131.546
9	2027	130.500	130.500	130.500	130.500	133.700	139.800	130.500	129.400	129.200	132.700	131.100	130.500	131.572
10	2028	130.500	130.500	130.500	130.500	134.400	139.800	130.700	128.700	128.800	132.200	130.900	130.600	131.506
11	2029	130.600	130.600	130.600	130.600	133.600	139.200	130.500	129.900	128.800	132.900	131.300	130.400	131.582
12	2030	130.400	130.400	130.400	130.400	134.500	138.200	130.300	128.700	129.300	133.100	131.400	130.400	131.458
13	2031	130.400	130.400	130.400	130.400	133.800	140.000	130.500	128.900	128.900	132.600	130.700	130.200	131.430
14	2032	130.200	130.200	130.200	130.200	130.900	137.400	130.500	129.600	129.400	132.400	130.800	130.400	131.013
15	2033	130.400	130.400	130.400	130.400	133.600	138.000	130.600	128.800	128.500	133.000	131.200	130.200	131.291
16	2034	130.200	130.200	130.200	130.200	134.800	139.600	130.300	129.600	130.100	132.600	130.700	130.300	131.566
17	2035	130.300	130.300	130.300	130.300	131.200	139.600	130.900	129.400	128.900	133.000	130.900	130.200	131.270
18	2036	130.200	130.200	130.200	130.200	134.800	138.900	130.300	129.700	128.900	132.500	130.600	130.200	131.393
19	2037	130.200	130.200	130.200	130.200	134.500	138.000	130.300	128.200	129.400	133.300	131.200	130.400	131.342
20	2038	130.400	130.400	130.400	130.400	135.100	138.100	130.600	129.600	128.900	132.600	130.500	130.100	131.427
21	2039	130.100	130.100	130.100	130.100	130.900	137.500	130.500	129.000	130.300	132.600	130.500	130.100	130.978
22	2040	130.100	130.100	130.100	130.100	134.900	139.100	130.500	129.600	129.400	133.200	131.200	130.400	131.561

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.

Table O-27. Simulated Baseline Volume of Aimaokatalok Lake under 1-in-20-Year Wet Runoff Conditions (Mm³)

Project Year	Calendar Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
0	2018	144.400	144.400	144.400	144.400	157.600	163.700	140.500	140.600	137.900	145.800	145.300	145.100	146.172
1	2019	145.100	145.100	145.100	145.100	153.000	164.400	140.300	140.800	137.900	147.500	144.700	144.300	146.096
2	2020	144.300	144.300	144.300	144.300	158.500	164.000	141.200	140.900	137.900	145.800	145.300	144.700	146.291
3	2021	144.700	144.700	144.700	144.700	153.200	164.300	139.900	140.600	137.500	144.400	144.500	144.000	145.584
4	2022	144.000	144.000	144.000	144.000	158.000	165.300	140.700	141.000	138.800	144.500	146.800	145.100	146.343
5	2023	145.100	145.100	145.100	145.100	153.300	164.800	139.900	142.500	137.900	145.300	145.200	145.000	146.178
6	2024	145.000	145.000	145.000	145.000	159.500	162.700	140.700	140.700	138.000	146.100	144.600	144.100	146.365
7	2025	144.100	144.100	144.100	144.100	153.600	160.900	140.900	140.900	137.900	144.600	145.200	144.900	145.435
8	2026	144.900	144.900	144.900	144.900	153.900	164.300	140.700	140.700	138.000	143.800	144.800	143.900	145.792
9	2027	143.900	143.900	143.900	143.900	153.600	164.300	140.700	141.000	138.100	146.900	145.300	145.100	145.878
10	2028	145.100	145.100	145.100	145.100	159.700	162.600	139.900	142.800	138.000	144.900	145.100	144.700	146.507
11	2029	144.700	144.700	144.700	144.700	155.500	165.700	140.700	140.400	138.000	146.900	145.200	144.900	146.333
12	2030	144.900	144.900	144.900	144.900	157.800	162.500	141.100	141.200	139.000	144.700	145.100	144.500	146.286
13	2031	144.500	144.500	144.500	144.500	156.100	162.500	140.000	140.700	138.100	145.900	145.200	144.900	145.944
14	2032	144.900	144.900	144.900	144.900	161.600	162.600	141.000	141.000	138.100	147.000	144.900	144.400	146.688
15	2033	144.400	144.400	144.400	144.400	156.900	161.200	140.400	140.900	138.100	147.000	145.200	145.000	146.025
16	2034	145.000	145.000	145.000	145.000	159.100	164.600	140.300	140.500	138.100	144.000	145.200	144.400	146.341
17	2035	144.400	144.400	144.400	144.400	157.300	161.700	140.800	141.200	138.200	147.100	145.300	145.000	146.185
18	2036	145.000	145.000	145.000	145.000	159.600	164.800	140.100	140.900	137.900	146.100	144.700	143.900	146.495
19	2037	143.900	143.900	143.900	143.900	159.200	159.900	140.700	140.600	138.200	145.100	147.000	145.200	145.961
20	2038	145.200	145.200	145.200	145.200	158.800	164.800	140.600	141.300	138.200	144.100	145.600	144.900	146.583
21	2039	144.900	144.900	144.900	144.900	158.900	162.500	140.700	140.600	138.200	144.900	145.500	144.300	146.261
22	2040	144.300	144.300	144.300	144.300	160.900	161.400	140.900	141.100	138.200	145.200	145.500	145.100	146.296

Reference: Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4).

Note: The Water and Load Balance Model (Volume 1, Annex V1-7, Package P5-4) incorporates the effects of climate change (Volume 1, Annex V1-7, Package P5-1) on streamflows.