

File No. 23893

January 31, 2012

Government of Nunavut, CGS  
Cambridge Bay, NU

Via email

**Attention:** Stuart Rostant  
Project Officer

**Subject:** Kugajuk River Hydrology  
Water Intake and Treatment Upgrades  
Kugaaruk, NU

## 1. Introduction

Williams Engineering Canada Inc (WEC) was engaged by the Government of Nunavut (GN) to design upgrades to the water supply and treatment system in Kugaaruk, NU. The hamlet of Kugaaruk draws its water directly from the Kugajuk River where a truckfill station chlorinates and transfers the water to trucks for delivery.

A salt water intrusion into the Kugajuk River from the ocean interrupted the hamlet's water supply in 1992. This event was mitigated by raising the intakes 1.5m. No additional salinity events have been recorded; however through discussions with the community there have been various unconfirmed reports of salt being present in the hamlet's water supply since 1992. Partway through the design process of a new truckfill and water treatment plant, the hamlet experienced a significant salinity intrusion in the fall of 2011 which continued through the winter of 2012. As this salinity event interrupted the hamlet's water supply for an extended period, a review of the Kugajuk River basin was undertaken. The purpose of completing a hydrological review of the Kugajuk River is to better understand various factors which influence salinity intrusions and to inventory the fresh water supply within the river near the intake.

## 2. Kugajuk River Basin

The Kugajuk River basin covers approximately 1800km<sup>2</sup> of the Simpson Peninsula. The following figure outlines the extents of the Kugajuk River basin.



Figure 1: Kugajuk River Basin<sup>1</sup>

The Kugajuk River is influenced by a number of large lakes, including Barrow Lake, Kugajuk Lake, and Nalluarjuk Lake. These lakes act as reservoirs on the river system and their water levels fluctuate based on annual precipitation and runoff. As the majority of the annual runoff occurs in the spring with the melting of the snowpack, these lakes receive a large influx of water early in the summer which results in the greatest river flows occurring early in the summer and decreasing throughout the summer and into the winter months.

<sup>1</sup> Topographic data © Her Majesty the Queen in Right of Canada, Department of Natural Resources

Following an extended period of below average precipitation, water levels will drop in these lakes and a number of consecutive above average precipitation years may be required in order to bring these lakes back up to typical levels.

### 3. Precipitation and Runoff

Climate data including total precipitation from 1984 to present from Kugaaruk was available for review from Environment Canada's National Climate Data and Information Archive. Gaps exist in the data, however the total precipitation was tabulated and extrapolated since 1984. The following figure details the annual precipitation.

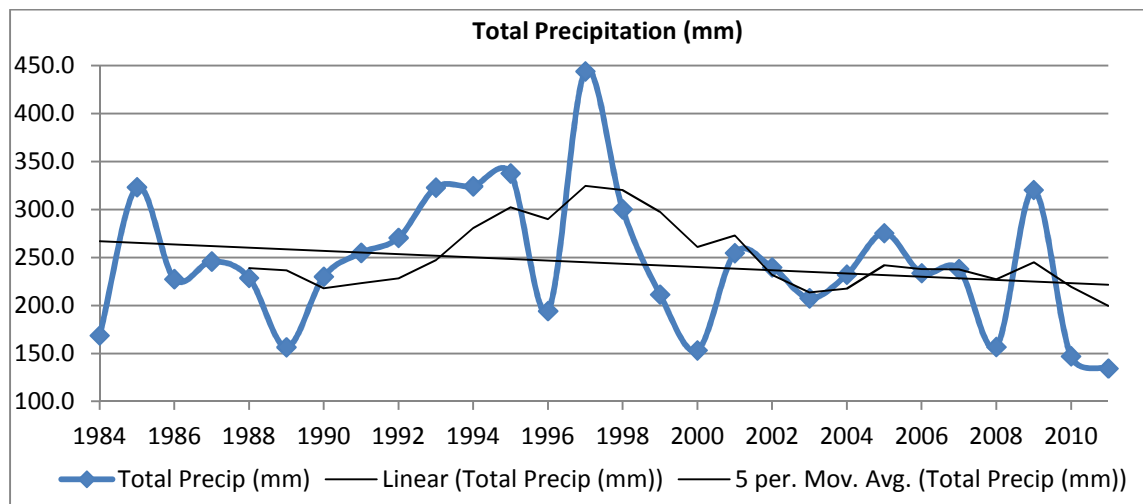


Figure 2: Total Precipitation, Kugaaruk, NU

It is possible, yet risky, to draw conclusions from 28 years of climate data, however, a linear trend line indicates a decrease in annual precipitation and a 5 year moving average trend indicates that current levels are similar to those from the late 1980s.

Total annual precipitation is used to estimate the annual surface water runoff. Based on the snowfall and rainfall data for the area, it is estimated that 50% of the annual precipitation is in the form of snow, while the other 50% is rain. This does not account for snow which migrates from areas outside of the river basin. A detailed snow course should be completed to accurately determine annual snowpack. Of the 50% which is snow, Kane et al.<sup>2</sup> (1989) estimated during a 5 year study period in the Alaskan barrenlands that 50-66% of the annual snowpack became surface runoff whereas the rest evaporated or added to the soil moisture content which would eventually be taken up by plants or evaporate. For the purposes of these calculations, 60% was used to estimate snowpack runoff.

Runoff associated with rainfall is very dependant on the duration and the intensity of the rainfall event. Intense short periods of rainfall produce high amounts of runoff, whereas more frequent less intense events allow for infiltration and evaporation rather than runoff. Rainfall in Kugaaruk is typically spaced over the summer season and short intense downpours do not occur frequently. As runoff produced from rain is dependant on the intensity and duration of a rainfall event, it is difficult to determine an annual rate. Runoff produced from rain is estimated at 75% for the

<sup>2</sup> Kane, D.L., L.D. Hinzman, C.S. Benson and K. R. Everett, 1989. Hydrology of Imnavait Creek, An Arctic Watershed. *Holarctic Ecology*, 12:262–269.

purpose of these calculations. Total annual runoff is therefore calculated at 67.5% of total annual precipitation.

#### 4. Ocean Influence

Tides can affect the lower portion of the Kugajuk River and are most influential in the fall. During periods of high river flow, tidal influence is limited to the estuary of the Kugajuk River, however, as flows decrease throughout the summer the tide becomes more influential in the fall. When the tide pushes sea water above the river water level, a saline intrusion into the river can occur. During the time which the ocean level is equal to the river, water level flow ceases and the potential for complete freezing occurs in shallow sections of the river. Tide tables for tide station #5985 near Kugaaruk, Nu from 2010, 2011 and 2012 have been attached to demonstrate the 0.2 to 3.5m variation in sea level one can expect in Kugaaruk. These tide tables are available from the Department of Fisheries and Oceans (DFO) and offer a year's prediction.

The observed sea level may be different than the predicted level due to meteorological conditions. It is believed that in the Kugajuk River, a salinity event requires a strong sustained north wind while the ocean is unfrozen to magnify a high tide. This, combined with the variable river flows, would explain why a salinity event does not occur each year.

#### 5. Stored Freshwater Volume

The volume of freshwater stored near the hamlet of Kugaaruk between shallow sections of the river was estimated based on surface area and depth. Surface areas were estimated based on aerial and satellite images, whereas depths were based on bathymetry where available and estimated for areas not available. Water quantities in storage were reduced to account for ice thickness of 2m. The attached sketch labelled SK-HYDRO indicates the location of each pond. The following table is a summary of water volumes along the river.

**Table I: River Volumes**

| Ponded Water |                                |                                 |                             |                                            |
|--------------|--------------------------------|---------------------------------|-----------------------------|--------------------------------------------|
| Pond         | Surface Area (m <sup>2</sup> ) | Distance from Water Intake (km) | Estimated Useable Depth (m) | Estimated Useable Volume (m <sup>3</sup> ) |
| A            | 87 573                         | 0.6                             | 2                           | 175 150                                    |
| B            | -                              | 0.1                             | 0                           | Rapids                                     |
| C            | 66 285                         | 0                               | 2                           | 132 570                                    |
| D            | 11 880                         | 0.8                             | 2.5                         | 29 700                                     |
| E            | -                              | 1.1                             | 0                           | Rapids                                     |
| F            | 218 282                        | 1.6                             | 0                           | 0                                          |
| G            | 11 837                         | 2.1                             | 1.27                        | 15 033                                     |
| H            | 60 315                         | 2.3                             | 2                           | 120 630                                    |
| I            | 64 400                         | 2.5                             | 0.2                         | 12 880                                     |
| J            | 500 000                        | 3.0                             | 1                           | 500 000                                    |

Pond A is situated near the river mouth and is bounded by two shallow sections of rapids. During periods of low flow these two sections will likely freeze, isolating the pond from both the ocean and from the water intake. Low flow coupled with high tides can potentially reduce the apparent flow in this area to zero, prior to sections further upstream not influenced by the tide. This may have the effect of damming the river and backing up flow in the river allowing it to freeze to the bottom in shallow sections. Pond A is susceptible to salt intrusion due to its proximity to the

ocean; however, should the lower rapids freeze prior to a period of high tide, it is possible that this section of river will contain freshwater. The estimated usable volume of this body of water is  $175,150\text{m}^3$ . This is based on an after ice depth of 2m.

Pond B is a narrow and shallow section of river susceptible to complete freezing. Should this section freeze following the migration of salt water upstream, the saline water will be trapped in Pond C until the spring thaw.

Pond C contains the hamlet's water intakes. Based on an average depth of 8m, and negating the volume of water below the intakes, and accounting for 2m of ice, it is estimated that this section of river in isolation contains  $132,570\text{m}^3$  of accessible water. Should this entire section of river become contaminated with saline water, the next isolated section of water, Pond D, located 800m upstream contains an estimated  $29,700\text{m}^3$  of useable water.

Further upstream past Pond E the river widens and depths decrease. It is likely that this 1.3km of river labelled Pond F will freeze intermittently during periods of low flow with no substantial basin of water isolated within.

Pond G was measured to be 3m deep and have an ice thickness in January of 2012 of 1.27m. At the time the measurements were taken, this area was fed through a set of narrows with 1m of water below the ice cover. Pond G contains an estimated  $15,033\text{m}^3$  of available water, and an additional  $120,630\text{m}^3$  directly upstream in Pond H.

It is likely that Pond I becomes an isolated stretch of river and that a relatively small volume of water is accessible there. It is estimated that  $15,000\text{m}^3$  is accessible, however, no depth measurements have been taken in this area. Pond J, located approximately 3km from the intake, is likely a shallow area containing a channel where the current flows. This channel will likely be the deepest part of the pond, whereas the rest of the pond will be underlain with river sediment. Should this area have an average of just 1m of usable water below the ice, the volume of water in this area may be as great as  $500,000\text{m}^3$ .

## 6. Conclusion

Based on an average annual precipitation of 244mm in the Kugajuk River basin and an area of  $1800\text{km}^2$ , the basin receives an annual average of  $439,200,000\text{m}^3$  of runoff. In 2010 and 2011 the annual runoff is estimated at  $178,920,000\text{m}^3$  and  $163,440,000\text{m}^3$  respectively. These two years of low precipitation have resulted in less than half the average amount of water entering the Kugajuk River basin. In contrast, Barrow Lake has a surface area of  $26.3\text{km}^2$  and would require an influx of  $263,000\text{m}^3$  of water to raise the water level by a centimetre. Combine this with the other major lakes in the system and it would be reasonable to assume that multiple years of elevated snow and rain will be required to recharge the river basin. A single year of average flow will likely not be adequate to increase water levels to a point where autumn's flows will be great enough to offset all high tides.

Should the river freeze to the bottom downstream of the water intake there is adequate available water in Pond C to supply the hamlet throughout the winter months notwithstanding salinity intrusions.

## 7. Recommendations

Little data exists for the Kugajuk River; for this reason the addition of a staff gauge near the hamlet's raw water intake is recommended. A staff gauge in Barrow Lake would also be beneficial as it would provide a more stable indicator of the river basin's water level. It may be

prudent to partner with an agency such as the Water Survey of Canada who has the expertise to install monitoring stations and has an online database. This data will be extremely useful if, in coming years, salinity intrusions combined with zero flow conditions become more frequent. In order to correlate this data with readily available tidal data, a survey of the ocean water level and river water should be completed. It is also recommend that a survey of the various ponds along river be made on the same day. The depths of these ponds will all fluctuate at approximately the same rate and therefore would not each require staff gauges; however, the relative difference in elevation of each pond could be valuable in predicting the distance upstream that the tide could influence.

As the river conditions are highly variable, it is recommended that an alternative water supply be explored to lessen the hamlet's dependence on the Kugajuk River.

Yours truly,

Williams Engineering Canada Inc.



**KEVIN RATTRAY, E.I.T.**  
Civil/Environmental

T 867.873.2395 F 867.873.2547  
E krattray@williamsengineering.com

Williams Engineering Canada Inc.



**JUSTIN HAZENBERG, P.Eng.**  
Team Lead Environmental

T 867.873.2395 F 867.873.2547  
E jhazenberg@williamsengineering.com



## January-janvier

## February-février

## March-mars

| Day       | Time                               | Metres                   | jour      | heure                              | mètres                   | Day       | Time                               | Metres                   | jour      | heure                              | mètres                   | Day       | Time                               | Metres                   | jour      | heure                              | mètres                   |
|-----------|------------------------------------|--------------------------|-----------|------------------------------------|--------------------------|-----------|------------------------------------|--------------------------|-----------|------------------------------------|--------------------------|-----------|------------------------------------|--------------------------|-----------|------------------------------------|--------------------------|
| <b>1</b>  | 0432<br>0930<br>FR 1633<br>VE 2340 | 1.7<br>0.4<br>3.5<br>0.3 | <b>16</b> | 0456<br>0954<br>SA 1659<br>SA 2353 | 1.7<br>0.7<br>3.0<br>0.6 | <b>1</b>  | 0543<br>1045<br>MO 1732            | 1.9<br>0.6<br>3.2        | <b>16</b> | 0537<br>1050<br>TU 1718<br>MA 2335 | 2.1<br>0.8<br>2.7<br>0.5 | <b>1</b>  | 0455<br>1003<br>MO 1636<br>LU 2320 | 2.1<br>0.6<br>3.0<br>0.3 | <b>16</b> | 0449<br>1012<br>TU 1622<br>MA 2239 | 2.2<br>0.9<br>2.5<br>0.4 |
| <b>2</b>  | 0509<br>1009<br>SA 1712<br>SA      | 1.7<br>0.4<br>3.5        | <b>17</b> | 0524<br>1025<br>SU 1726<br>DI      | 1.7<br>0.7<br>3.0        | <b>2</b>  | 0017<br>0625<br>TU 1131<br>MA 1811 | 0.4<br>2.1<br>0.7<br>2.9 | <b>17</b> | 0609<br>1129<br>WE 1744<br>ME 2350 | 2.3<br>0.9<br>2.4<br>0.5 | <b>2</b>  | 0534<br>1051<br>TU 1714<br>MA 2340 | 2.3<br>0.7<br>2.8<br>0.4 | <b>17</b> | 0518<br>1055<br>WE 1652<br>ME 2254 | 2.4<br>0.9<br>2.3<br>0.4 |
| <b>3</b>  | 0014<br>0548<br>SU 1048<br>DI 1751 | 0.4<br>1.7<br>0.4<br>3.4 | <b>18</b> | 0008<br>0553<br>MO 1056<br>LU 1751 | 0.7<br>1.8<br>0.7<br>2.9 | <b>3</b>  | 0042<br>0709<br>WE 1221<br>ME 1848 | 0.5<br>2.2<br>0.9<br>2.6 | <b>18</b> | 0643<br>1215<br>TH 1813<br>JE      | 2.4<br>1.1<br>2.2        | <b>3</b>  | 0612<br>1138<br>WE 1750<br>ME      | 2.5<br>0.8<br>2.6        | <b>18</b> | 0549<br>1140<br>TH 1725<br>JE 2313 | 2.7<br>0.9<br>2.1<br>0.4 |
| <b>4</b>  | 0049<br>0629<br>MO 1129<br>LU 1831 | 0.5<br>1.8<br>0.5<br>3.2 | <b>19</b> | 0021<br>0624<br>TU 1129<br>MA 1815 | 0.7<br>1.9<br>0.8<br>2.7 | <b>4</b>  | 0108<br>0755<br>TH 1319<br>JE 1924 | 0.6<br>2.3<br>1.1<br>2.3 | <b>19</b> | 0008<br>0721<br>FR 1314<br>VE 1845 | 0.5<br>2.6<br>1.2<br>1.9 | <b>4</b>  | 0000<br>0652<br>TH 1228<br>JE 1824 | 0.4<br>2.6<br>0.9<br>2.3 | <b>19</b> | 0623<br>1230<br>FR 1801<br>VE 2337 | 2.9<br>1.0<br>1.9<br>0.4 |
| <b>5</b>  | 0126<br>0716<br>TU 1214<br>MA 1911 | 0.6<br>1.8<br>0.7<br>2.9 | <b>20</b> | 0036<br>0659<br>WE 1207<br>ME 1839 | 0.7<br>2.0<br>1.0<br>2.5 | <b>5</b>  | 0135<br>0848<br>FR 1442<br>VE 1959 | 0.7<br>2.3<br>1.3<br>1.9 | <b>20</b> | 0031<br>0805<br>SA 1454<br>SA 1923 | 0.5<br>2.6<br>1.3<br>1.6 | <b>5</b>  | 0021<br>0732<br>FR 1324<br>VE 1855 | 0.5<br>2.6<br>1.1<br>2.0 | <b>20</b> | 0659<br>1332<br>SA 1840<br>SA      | 3.0<br>1.0<br>1.7        |
| <b>6</b>  | 0205<br>0810<br>WE 1309<br>ME 1952 | 0.8<br>1.8<br>1.0<br>2.5 | <b>21</b> | 0052<br>0739<br>TH 1254<br>JE 1905 | 0.7<br>2.1<br>1.2<br>2.2 | <b>6</b>  | 0204<br>0951<br>SA 1653<br>SA 2036 | 0.8<br>2.3<br>1.4<br>1.6 | <b>21</b> | 0100<br>0858<br>SU 1719<br>DI 2015 | 0.6<br>2.7<br>1.2<br>1.3 | <b>6</b>  | 0043<br>0815<br>SA 1445<br>SA 1924 | 0.6<br>2.6<br>1.3<br>1.7 | <b>21</b> | 0006<br>0740<br>SU 1458<br>DI 1923 | 0.5<br>3.0<br>1.0<br>1.5 |
| <b>7</b>  | 0250<br>0918<br>TH 1430<br>JE 2037 | 0.9<br>1.9<br>1.2<br>2.2 | <b>22</b> | 0113<br>0830<br>FR 1412<br>VE 1933 | 0.7<br>2.2<br>1.4<br>1.8 | <b>7</b>  | 0240<br>1112<br>SU 1924<br>DI 2137 | 0.9<br>2.4<br>1.2<br>1.3 | <b>22</b> | 0139<br>1005<br>MO 1902<br>LU 2211 | 0.7<br>2.7<br>1.0<br>1.1 | <b>7</b>  | 0104<br>0904<br>SU 1658<br>DI 1949 | 0.7<br>2.6<br>1.3<br>1.4 | <b>22</b> | 0039<br>0826<br>MO 1639<br>LU 2014 | 0.5<br>3.0<br>1.0<br>1.3 |
| <b>8</b>  | 0342<br>1044<br>FR 1640<br>VE 2134 | 0.9<br>2.0<br>1.4<br>1.8 | <b>23</b> | 0140<br>0937<br>SA 1725<br>SA 2011 | 0.8<br>2.3<br>1.4<br>1.5 | <b>8</b>  | 0335<br>1234<br>MO 2059<br>LU      | 1.0<br>2.5<br>1.0        | <b>23</b> | 0241<br>1123<br>TU 2008<br>MA      | 0.9<br>2.8<br>0.7        | <b>8</b>  | 0124<br>1009<br>MO 1009<br>LU      | 0.8<br>2.5               | <b>23</b> | 0117<br>0922<br>TU 1813<br>MA 2137 | 0.7<br>2.9<br>0.9<br>1.1 |
| <b>9</b>  | 0438<br>1211<br>SA 1857<br>SA 2314 | 1.0<br>2.2<br>1.3<br>1.5 | <b>24</b> | 0219<br>1103<br>SU 1951<br>DI 2233 | 0.8<br>2.4<br>1.1<br>1.2 | <b>9</b>  | 0126<br>0505<br>TU 1336<br>MA 2137 | 1.2<br>1.0<br>2.6<br>0.8 | <b>24</b> | 0059<br>0423<br>WE 1235<br>ME 2053 | 1.1<br>0.9<br>2.9<br>0.5 | <b>9</b>  | 0135<br>1136<br>TU 2111<br>MA      | 0.9<br>2.4<br>0.9        | <b>24</b> | 0209<br>1032<br>WE 1933<br>ME      | 0.8<br>2.9<br>0.7        |
| <b>10</b> | 0536<br>1318<br>SU 2038<br>DI      | 0.9<br>2.4<br>1.0        | <b>25</b> | 0334<br>1221<br>MO 2039<br>LU      | 0.9<br>2.6<br>0.8        | <b>10</b> | 0246<br>0630<br>WE 1422<br>ME 2205 | 1.3<br>1.0<br>2.7<br>0.6 | <b>25</b> | 0208<br>0555<br>TH 1334<br>JE 2130 | 1.2<br>0.9<br>3.0<br>0.4 | <b>10</b> | 1254<br>2125<br>WE 2125<br>ME      | 2.5<br>0.8               | <b>25</b> | 0026<br>0336<br>TH 1152<br>JE 2028 | 1.1<br>0.9<br>2.8<br>0.6 |
| <b>11</b> | 0114<br>0632<br>MO 1408<br>LU 2134 | 1.4<br>0.9<br>2.6<br>0.8 | <b>26</b> | 0124<br>0519<br>TU 1318<br>MA 2114 | 1.2<br>0.9<br>2.8<br>0.6 | <b>11</b> | 0321<br>0734<br>TH 1459<br>JE 2229 | 1.4<br>1.0<br>2.8<br>0.5 | <b>26</b> | 0255<br>0710<br>FR 1425<br>VE 2203 | 1.4<br>0.8<br>3.1<br>0.3 | <b>11</b> | 0301<br>0533<br>TH 1347<br>JE 2144 | 1.2<br>1.2<br>2.6<br>0.6 | <b>26</b> | 0155<br>0523<br>FR 1304<br>VE 2107 | 1.2<br>1.0<br>2.9<br>0.4 |
| <b>12</b> | 0228<br>0723<br>TU 1450<br>MA 2213 | 1.4<br>0.9<br>2.8<br>0.7 | <b>27</b> | 0223<br>0637<br>WE 1406<br>ME 2148 | 1.3<br>0.9<br>3.1<br>0.4 | <b>12</b> | 0349<br>0823<br>FR 1532<br>VE 2249 | 1.5<br>0.9<br>2.9<br>0.5 | <b>27</b> | 0336<br>0814<br>SA 1511<br>SA 2232 | 1.6<br>0.8<br>3.2<br>0.2 | <b>12</b> | 0313<br>0659<br>FR 1425<br>VE 2201 | 1.4<br>1.1<br>2.6<br>0.6 | <b>27</b> | 0245<br>0657<br>SA 1403<br>SA 2138 | 1.5<br>1.0<br>2.9<br>0.3 |
| <b>13</b> | 0317<br>0808<br>WE 1527<br>ME 2245 | 1.5<br>0.8<br>2.9<br>0.6 | <b>28</b> | 0306<br>0737<br>TH 1450<br>JE 2220 | 1.4<br>0.7<br>3.2<br>0.3 | <b>13</b> | 0415<br>0903<br>SA 1600<br>SA 2303 | 1.6<br>0.8<br>2.9<br>0.5 | <b>28</b> | 0416<br>0911<br>SU 1554<br>DI 2258 | 1.8<br>0.7<br>3.1<br>0.3 | <b>13</b> | 0333<br>0759<br>SA 1457<br>SA 2213 | 1.5<br>1.0<br>2.7<br>0.5 | <b>28</b> | 0326<br>0816<br>SU 1453<br>DI 2204 | 1.8<br>0.9<br>2.8<br>0.3 |
| <b>14</b> | 0355<br>0847<br>TH 1600<br>JE 2312 | 1.5<br>0.8<br>3.0<br>0.5 | <b>29</b> | 0344<br>0828<br>FR 1531<br>VE 2252 | 1.6<br>0.6<br>3.4<br>0.2 | <b>14</b> | 0441<br>0939<br>SU 1627<br>DI 2313 | 1.8<br>0.8<br>2.9<br>0.5 | <b>15</b> | 0508<br>1014<br>MO 1652<br>LU 2323 | 1.9<br>0.8<br>2.8<br>0.5 | <b>14</b> | 0356<br>0847<br>SU 1526<br>DI 2221 | 1.7<br>1.0<br>2.7<br>0.5 | <b>29</b> | 0404<br>0920<br>MO 1538<br>LU 2225 | 2.1<br>0.8<br>2.8<br>0.3 |
| <b>15</b> | 0427<br>0922<br>FR 1631<br>VE 2335 | 1.6<br>0.7<br>3.0<br>0.6 | <b>30</b> | 0423<br>0915<br>SA 1612<br>SA 2322 | 1.7<br>0.5<br>3.4<br>0.3 | <b>15</b> |                                    |                          | <b>30</b> |                                    |                          | <b>15</b> | 0421<br>0930<br>MO 1553<br>LU 2228 | 2.0<br>0.9<br>2.6<br>0.5 | <b>30</b> | 0441<br>1013<br>TU 1619<br>MA 2244 | 2.4<br>0.7<br>2.6<br>0.3 |
|           |                                    |                          | <b>31</b> | 0502<br>1000<br>SU 1653<br>DI 2351 | 1.8<br>0.5<br>3.3<br>0.3 |           |                                    |                          |           |                                    |                          |           |                                    |                          | <b>31</b> | 0517<br>1059<br>WE 1656<br>ME 2302 | 2.6<br>0.7<br>2.5<br>0.3 |

## April-avril

## May-mai

## June-juin

| Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   |
|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|
| <b>1</b>  | 0553<br>1144<br>1729<br>2322 | 2.8<br>0.8<br>2.3<br>0.3 | <b>16</b> | 0526<br>1152<br>1719<br>2246 | 3.0<br>0.8<br>1.9<br>0.4 | <b>1</b>  | 0604<br>1230<br>1744<br>2312 | 3.1<br>0.9<br>1.8<br>0.4 | <b>16</b> | 0535<br>1228<br>1750<br>2258 | 3.4<br>0.6<br>1.7<br>0.3 | <b>1</b>  | 0645<br>1343<br>1839<br>2345 | 3.0<br>1.0<br>1.6<br>0.7 | <b>16</b> | 0628<br>1329<br>1900<br>2358 | 3.4<br>0.6<br>1.7<br>0.6 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>2</b>  | 0629<br>1230<br>1801<br>2343 | 2.9<br>0.9<br>2.0<br>0.4 | <b>17</b> | 0559<br>1237<br>1757<br>2316 | 3.2<br>0.8<br>1.7<br>0.4 | <b>2</b>  | 0639<br>1318<br>1815<br>2337 | 3.0<br>1.0<br>1.7<br>0.5 | <b>17</b> | 0612<br>1310<br>1827<br>2332 | 3.4<br>0.6<br>1.6<br>0.4 | <b>2</b>  | 0715<br>1428<br>1912         | 2.8<br>1.1<br>1.5        | <b>17</b> | 0708<br>1419<br>1952         | 3.2<br>0.7<br>1.6        |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>3</b>  | 0705<br>1323<br>1831         | 2.9<br>1.1<br>1.8        | <b>18</b> | 0635<br>1328<br>1836<br>2348 | 3.3<br>0.8<br>1.6<br>0.4 | <b>3</b>  | 0713<br>1422<br>1846         | 2.9<br>1.1<br>1.5        | <b>18</b> | 0651<br>1401<br>1906         | 3.4<br>0.7<br>1.5        | <b>3</b>  | 0013<br>0745<br>1519<br>1951 | 0.8<br>2.7<br>1.1<br>1.5 | <b>18</b> | 0043<br>0751<br>1519<br>2101 | 0.8<br>2.9<br>0.8<br>1.6 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>4</b>  | 0004<br>0743<br>1442<br>1859 | 0.5<br>2.8<br>1.2<br>1.6 | <b>19</b> | 0715<br>1433<br>1916         | 3.3<br>0.9<br>1.5        | <b>4</b>  | 0001<br>0749<br>1549<br>1917 | 0.6<br>2.8<br>1.2<br>1.4 | <b>19</b> | 0007<br>0732<br>1510<br>1954 | 0.5<br>3.3<br>0.8<br>1.4 | <b>4</b>  | 0042<br>0815<br>1609<br>2053 | 1.0<br>2.4<br>1.2<br>1.4 | <b>19</b> | 0146<br>0840<br>1625<br>2240 | 1.1<br>2.5<br>0.9<br>1.7 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>5</b>  | 0025<br>0824<br>1640<br>1923 | 0.6<br>2.7<br>1.3<br>1.4 | <b>20</b> | 0022<br>0758<br>1556<br>2002 | 0.5<br>3.2<br>0.9<br>1.3 | <b>5</b>  | 0024<br>0828<br>1722<br>1952 | 0.8<br>2.6<br>1.2<br>1.3 | <b>20</b> | 0046<br>0817<br>1632<br>2106 | 0.7<br>3.0<br>0.9<br>1.3 | <b>5</b>  | 0118<br>0847<br>1655<br>2316 | 1.2<br>2.2<br>1.1<br>1.5 | <b>20</b> | 0336<br>0944<br>1727         | 1.3<br>2.1<br>0.9        |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>6</b>  | 0043<br>0914                 | 0.8<br>2.6               | <b>21</b> | 0059<br>0848<br>1727<br>2113 | 0.6<br>3.0<br>0.9<br>1.1 | <b>6</b>  | 0046<br>0913<br>1850<br>2124 | 0.9<br>2.4<br>1.1<br>1.2 | <b>21</b> | 0137<br>0912<br>1750<br>2322 | 0.9<br>2.7<br>0.9<br>1.4 | <b>6</b>  | 0253<br>0930<br>1736         | 1.4<br>1.9<br>1.1        | <b>21</b> | 0017<br>0556<br>1119<br>1821 | 2.0<br>1.3<br>1.8<br>0.9 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>7</b>  | 0054<br>1022<br>2052         | 0.9<br>2.4<br>1.0        | <b>22</b> | 0146<br>0949<br>1850<br>2355 | 0.8<br>2.9<br>0.8<br>1.1 | <b>7</b>  | 0101<br>1011<br>1936         | 1.1<br>2.3<br>1.0        | <b>22</b> | 0312<br>1026<br>1852         | 1.2<br>2.4<br>0.8        | <b>7</b>  | 0104<br>0627<br>1113<br>1816 | 1.8<br>1.5<br>1.6<br>1.0 | <b>22</b> | 0122<br>0750<br>1257<br>1907 | 2.3<br>1.1<br>1.7<br>0.8 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>8</b>  | 1148<br>2053                 | 2.4<br>0.9               | <b>23</b> | 0308<br>1109<br>1950         | 1.0<br>2.7<br>0.7        | <b>8</b>  | 1128<br>1955                 | 2.1<br>1.0               | <b>23</b> | 0105<br>0531<br>1202<br>1937 | 1.7<br>1.3<br>2.2<br>0.7 | <b>8</b>  | 0147<br>0848<br>1313<br>1857 | 2.1<br>1.2<br>1.5<br>0.9 | <b>23</b> | 0211<br>0903<br>1405<br>1947 | 2.6<br>0.9<br>1.6<br>0.7 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>9</b>  | 0305<br>0417<br>1254<br>2107 | 1.2<br>1.2<br>2.4<br>0.8 | <b>24</b> | 0138<br>0515<br>1234<br>2031 | 1.4<br>1.2<br>2.6<br>0.5 | <b>9</b>  | 0213<br>0559<br>1241<br>2005 | 1.6<br>1.4<br>2.0<br>0.9 | <b>24</b> | 0159<br>0730<br>1322<br>2011 | 2.0<br>1.1<br>2.1<br>0.6 | <b>9</b>  | 0221<br>0935<br>1423<br>1937 | 2.5<br>0.9<br>1.5<br>0.8 | <b>24</b> | 0253<br>0953<br>1457<br>2024 | 2.8<br>0.7<br>1.6<br>0.6 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>10</b> | 0251<br>0621<br>1340<br>2117 | 1.4<br>1.3<br>2.4<br>0.7 | <b>25</b> | 0228<br>0707<br>1343<br>2101 | 1.7<br>1.1<br>2.5<br>0.5 | <b>10</b> | 0235<br>0756<br>1339<br>2017 | 1.9<br>1.3<br>1.9<br>0.8 | <b>25</b> | 0241<br>0850<br>1420<br>2039 | 2.4<br>0.9<br>2.0<br>0.5 | <b>10</b> | 0253<br>1007<br>1512<br>2017 | 2.8<br>0.7<br>1.5<br>0.7 | <b>25</b> | 0332<br>1034<br>1540<br>2059 | 3.0<br>0.6<br>1.6<br>0.6 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>11</b> | 0309<br>0742<br>1417<br>2123 | 1.7<br>1.2<br>2.3<br>0.6 | <b>26</b> | 0307<br>0832<br>1437<br>2125 | 2.1<br>1.0<br>2.4<br>0.4 | <b>11</b> | 0300<br>0912<br>1429<br>2034 | 2.2<br>1.1<br>1.8<br>0.7 | <b>26</b> | 0319<br>0945<br>1506<br>2104 | 2.7<br>0.8<br>2.0<br>0.5 | <b>11</b> | 0326<br>1037<br>1552<br>2055 | 3.0<br>0.5<br>1.6<br>0.6 | <b>26</b> | 0409<br>1110<br>1619<br>2132 | 3.0<br>0.6<br>1.7<br>0.5 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>12</b> | 0332<br>0846<br>1452<br>2130 | 1.9<br>1.1<br>2.3<br>0.6 | <b>27</b> | 0344<br>0934<br>1522<br>2146 | 2.4<br>0.8<br>2.4<br>0.3 | <b>12</b> | 0328<br>1001<br>1514<br>2057 | 2.5<br>0.9<br>1.8<br>0.6 | <b>27</b> | 0356<br>1031<br>1547<br>2130 | 2.9<br>0.7<br>1.9<br>0.4 | <b>12</b> | 0359<br>1106<br>1628<br>2131 | 3.3<br>0.4<br>1.7<br>0.5 | <b>27</b> | 0444<br>1141<br>1654<br>2203 | 3.1<br>0.6<br>1.7<br>0.5 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>13</b> | 0357<br>0939<br>1527<br>2141 | 2.2<br>1.0<br>2.2<br>0.5 | <b>28</b> | 0419<br>1023<br>1601<br>2206 | 2.7<br>0.7<br>2.2<br>0.3 | <b>13</b> | 0357<br>1040<br>1556<br>2124 | 2.8<br>0.7<br>1.8<br>0.5 | <b>28</b> | 0432<br>1111<br>1624<br>2156 | 3.0<br>0.7<br>1.8<br>0.4 | <b>13</b> | 0435<br>1137<br>1704<br>2207 | 3.4<br>0.4<br>1.7<br>0.4 | <b>28</b> | 0516<br>1209<br>1727<br>2234 | 3.1<br>0.7<br>1.7<br>0.6 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>14</b> | 0425<br>1026<br>1603<br>2158 | 2.5<br>0.9<br>2.1<br>0.4 | <b>29</b> | 0455<br>1106<br>1637<br>2227 | 2.9<br>0.7<br>2.1<br>0.3 | <b>14</b> | 0428<br>1115<br>1636<br>2154 | 3.1<br>0.6<br>1.7<br>0.4 | <b>29</b> | 0506<br>1149<br>1659<br>2223 | 3.1<br>0.7<br>1.8<br>0.4 | <b>14</b> | 0511<br>1211<br>1739<br>2242 | 3.5<br>0.4<br>1.7<br>0.4 | <b>29</b> | 0546<br>1234<br>1758<br>2303 | 3.0<br>0.8<br>1.7<br>0.6 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>15</b> | 0454<br>1109<br>1640<br>2220 | 2.8<br>0.8<br>2.0<br>0.4 | <b>30</b> | 0530<br>1148<br>1711<br>2249 | 3.0<br>0.8<br>2.0<br>0.3 | <b>15</b> | 0500<br>1150<br>1714<br>2225 | 3.3<br>0.5<br>1.7<br>0.4 | <b>30</b> | 0540<br>1225<br>1734<br>2250 | 3.1<br>0.8<br>1.7<br>0.5 | <b>15</b> | 0549<br>1247<br>1818<br>2319 | 3.5<br>0.5<br>1.7<br>0.4 | <b>30</b> | 0614<br>1255<br>1829<br>2333 | 2.9<br>0.8<br>1.7<br>0.7 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
|           |                              |                          |           |                              |                          |           |                              |                          | <b>31</b> | 0613<br>1303<br>1807<br>2318 | 3.1<br>0.9<br>1.6<br>0.6 |           |                              |                          |           |                              |                          |
|           |                              |                          |           |                              |                          |           |                              |                          | MO<br>LU  |                              |                          |           |                              |                          |           |                              |                          |

## July-juillet

## August-août

## September-septembre

| Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   |
|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|
| <b>1</b>  | 0640<br>1315<br>1902         | 2.8<br>0.9<br>1.7        | <b>16</b> | 0646<br>1327<br>1947         | 2.9<br>0.6<br>2.0        | <b>1</b>  | 0045<br>0650<br>1249<br>2007 | 1.2<br>2.1<br>0.7<br>2.3 | <b>16</b> | 0215<br>0740<br>1338<br>2116 | 1.2<br>2.0<br>0.7<br>2.5 | <b>1</b>  | 0439<br>0745<br>1308<br>2124 | 1.2<br>1.3<br>0.7<br>2.7 | <b>16</b> | 0620<br>0816<br>1343<br>2255 | 1.2<br>1.2<br>0.9<br>2.5 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>2</b>  | 0004<br>0704<br>1333<br>1940 | 0.9<br>2.6<br>0.9<br>1.8 | <b>17</b> | 0051<br>0727<br>1404<br>2045 | 0.9<br>2.6<br>0.7<br>2.1 | <b>2</b>  | 0153<br>0714<br>1310<br>2101 | 1.4<br>1.8<br>0.7<br>2.4 | <b>17</b> | 0410<br>0818<br>1413<br>2227 | 1.3<br>1.6<br>0.8<br>2.5 | <b>2</b>  | 0629<br>0859<br>1354<br>2237 | 1.0<br>1.1<br>0.8<br>2.7 | <b>17</b> | 0829<br>1123<br>1418         | 1.0<br>1.0<br>1.0        |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>3</b>  | 0039<br>0727<br>1352<br>2030 | 1.1<br>2.3<br>1.0<br>1.8 | <b>18</b> | 0203<br>0810<br>1447<br>2157 | 1.2<br>2.2<br>0.8<br>2.1 | <b>3</b>  | 0447<br>0739<br>1338<br>2214 | 1.4<br>1.5<br>0.8<br>2.4 | <b>18</b> | 0624<br>0909<br>1501<br>2352 | 1.2<br>1.3<br>0.9<br>2.5 | <b>3</b>  | 0745<br>1214<br>1520<br>2355 | 0.8<br>1.0<br>0.9<br>2.8 | <b>18</b> | 0023<br>0902<br>1429<br>1705 | 2.5<br>0.8<br>1.2<br>1.1 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>4</b>  | 0130<br>0749<br>1415<br>2146 | 1.3<br>2.0<br>1.0<br>1.9 | <b>19</b> | 0359<br>0900<br>1541<br>2322 | 1.3<br>1.9<br>0.9<br>2.3 | <b>4</b>  | 1425<br>2338                 | 0.9<br>2.6               | <b>19</b> | 0823<br>1204<br>1626         | 1.0<br>1.1<br>1.0        | <b>4</b>  | 0832<br>1347<br>1710         | 0.6<br>1.2<br>1.0        | <b>19</b> | 0127<br>0926<br>1455<br>1842 | 2.5<br>0.7<br>1.4<br>1.1 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>5</b>  | 0338<br>0811<br>1449<br>2331 | 1.5<br>1.7<br>1.0<br>2.1 | <b>20</b> | 0614<br>1018<br>1645         | 1.3<br>1.5<br>0.9        | <b>5</b>  | 0832<br>1257<br>1613         | 0.9<br>1.1<br>1.0        | <b>20</b> | 0106<br>0915<br>1415<br>1800 | 2.6<br>0.8<br>1.2<br>1.0 | <b>5</b>  | 0101<br>0909<br>1437<br>1837 | 2.9<br>0.4<br>1.4<br>0.9 | <b>20</b> | 0211<br>0947<br>1520<br>1950 | 2.6<br>0.6<br>1.6<br>1.1 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>6</b>  | 1555                         | 1.0                      | <b>21</b> | 0040<br>0806<br>1230<br>1751 | 2.4<br>1.1<br>1.4<br>0.9 | <b>6</b>  | 0046<br>0902<br>1408<br>1755 | 2.8<br>0.6<br>1.2<br>0.9 | <b>21</b> | 0201<br>0947<br>1502<br>1915 | 2.7<br>0.7<br>1.4<br>1.0 | <b>6</b>  | 0156<br>0941<br>1519<br>1949 | 3.0<br>0.3<br>1.6<br>0.9 | <b>21</b> | 0246<br>1001<br>1546<br>2042 | 2.6<br>0.6<br>1.8<br>1.0 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>7</b>  | 0046<br>0902<br>1308<br>1730 | 2.4<br>1.0<br>1.2<br>1.0 | <b>22</b> | 0140<br>0912<br>1402<br>1853 | 2.6<br>0.9<br>1.4<br>0.9 | <b>7</b>  | 0139<br>0932<br>1451<br>1906 | 3.0<br>0.4<br>1.4<br>0.8 | <b>22</b> | 0244<br>1014<br>1535<br>2012 | 2.8<br>0.6<br>1.5<br>0.9 | <b>7</b>  | 0244<br>1009<br>1558<br>2051 | 3.0<br>0.2<br>1.8<br>0.8 | <b>22</b> | 0316<br>1010<br>1611<br>2127 | 2.5<br>0.5<br>2.0<br>0.9 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>8</b>  | 0135<br>0927<br>1421<br>1844 | 2.6<br>0.7<br>1.3<br>0.9 | <b>23</b> | 0228<br>0955<br>1458<br>1948 | 2.8<br>0.7<br>1.4<br>0.8 | <b>8</b>  | 0225<br>1003<br>1529<br>2004 | 3.1<br>0.3<br>1.5<br>0.7 | <b>23</b> | 0319<br>1036<br>1604<br>2056 | 2.8<br>0.5<br>1.7<br>0.8 | <b>8</b>  | 0329<br>1034<br>1637<br>2146 | 3.0<br>0.2<br>2.1<br>0.7 | <b>23</b> | 0344<br>1016<br>1638<br>2209 | 2.5<br>0.5<br>2.2<br>0.9 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>9</b>  | 0216<br>0953<br>1505<br>1941 | 2.9<br>0.5<br>1.4<br>0.8 | <b>24</b> | 0309<br>1030<br>1540<br>2034 | 2.9<br>0.6<br>1.5<br>0.7 | <b>9</b>  | 0307<br>1032<br>1607<br>2055 | 3.3<br>0.2<br>1.7<br>0.6 | <b>24</b> | 0349<br>1052<br>1631<br>2133 | 2.8<br>0.5<br>1.8<br>0.8 | <b>9</b>  | 0412<br>1057<br>1715<br>2236 | 2.9<br>0.2<br>2.3<br>0.7 | <b>24</b> | 0412<br>1025<br>1706<br>2250 | 2.4<br>0.5<br>2.5<br>0.9 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>10</b> | 0255<br>1021<br>1541<br>2028 | 3.1<br>0.4<br>1.5<br>0.6 | <b>25</b> | 0346<br>1058<br>1615<br>2113 | 3.0<br>0.5<br>1.6<br>0.7 | <b>10</b> | 0348<br>1100<br>1646<br>2142 | 3.3<br>0.2<br>1.8<br>0.6 | <b>25</b> | 0417<br>1102<br>1659<br>2209 | 2.8<br>0.5<br>2.0<br>0.8 | <b>10</b> | 0452<br>1118<br>1753<br>2324 | 2.8<br>0.3<br>2.6<br>0.7 | <b>25</b> | 0442<br>1039<br>1734<br>2332 | 2.2<br>0.4<br>2.7<br>0.9 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>11</b> | 0333<br>1051<br>1617<br>2110 | 3.3<br>0.3<br>1.6<br>0.5 | <b>26</b> | 0419<br>1122<br>1646<br>2147 | 3.0<br>0.5<br>1.7<br>0.7 | <b>11</b> | 0429<br>1127<br>1726<br>2229 | 3.3<br>0.3<br>2.0<br>0.6 | <b>26</b> | 0442<br>1111<br>1727<br>2245 | 2.7<br>0.5<br>2.1<br>0.8 | <b>11</b> | 0531<br>1139<br>1831         | 2.6<br>0.3<br>2.7        | <b>26</b> | 0513<br>1057<br>1805         | 2.0<br>0.4<br>2.9        |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>12</b> | 0411<br>1121<br>1653<br>2151 | 3.4<br>0.3<br>1.7<br>0.5 | <b>27</b> | 0448<br>1141<br>1716<br>2220 | 3.0<br>0.6<br>1.8<br>0.7 | <b>12</b> | 0509<br>1152<br>1806<br>2316 | 3.1<br>0.3<br>2.2<br>0.7 | <b>27</b> | 0507<br>1121<br>1757<br>2323 | 2.6<br>0.5<br>2.3<br>0.9 | <b>12</b> | 0013<br>0607<br>1202<br>1911 | 0.8<br>2.3<br>0.4<br>2.8 | <b>27</b> | 0018<br>0547<br>1119<br>1839 | 0.9<br>1.9<br>0.4<br>3.0 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>13</b> | 0449<br>1151<br>1732<br>2231 | 3.5<br>0.3<br>1.8<br>0.5 | <b>28</b> | 0515<br>1155<br>1745<br>2251 | 2.9<br>0.6<br>1.9<br>0.7 | <b>13</b> | 0548<br>1216<br>1848         | 2.9<br>0.4<br>2.3        | <b>28</b> | 0533<br>1134<br>1828         | 2.4<br>0.5<br>2.5        | <b>13</b> | 0107<br>0640<br>1226<br>1952 | 1.0<br>2.1<br>0.5<br>2.8 | <b>28</b> | 0112<br>0623<br>1146<br>1916 | 1.0<br>1.7<br>0.4<br>3.1 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>14</b> | 0528<br>1222<br>1813<br>2312 | 3.4<br>0.4<br>1.9<br>0.6 | <b>29</b> | 0540<br>1207<br>1815<br>2324 | 2.8<br>0.7<br>2.0<br>0.8 | <b>14</b> | 0005<br>0627<br>1241<br>1932 | 0.8<br>2.6<br>0.5<br>2.4 | <b>29</b> | 0006<br>0559<br>1150<br>1903 | 1.0<br>2.1<br>0.5<br>2.6 | <b>14</b> | 0218<br>0712<br>1251<br>2039 | 1.2<br>1.8<br>0.6<br>2.7 | <b>29</b> | 0222<br>0703<br>1217<br>1959 | 1.0<br>1.5<br>0.5<br>3.0 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>15</b> | 0607<br>1254<br>1857<br>2358 | 3.2<br>0.5<br>1.9<br>0.7 | <b>30</b> | 0604<br>1219<br>1847         | 2.6<br>0.7<br>2.1        | <b>15</b> | 0102<br>0704<br>1308<br>2020 | 1.0<br>2.3<br>0.6<br>2.5 | <b>30</b> | 0059<br>0629<br>1210<br>1941 | 1.2<br>1.9<br>0.5<br>2.7 | <b>15</b> | 0408<br>0744<br>1317<br>2136 | 1.3<br>1.5<br>0.7<br>2.6 | <b>30</b> | 0356<br>0747<br>1253<br>2048 | 1.0<br>1.3<br>0.6<br>3.0 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>31</b> |                              |                          | <b>31</b> | 0000<br>0626<br>1233<br>1924 | 1.0<br>2.4<br>0.7<br>2.2 |           |                              |                          | <b>31</b> | 0222<br>0703<br>1236<br>2027 | 1.2<br>1.6<br>0.6<br>2.7 |           |                              |                          |           |                              |                          |
|           |                              |                          | SA<br>SA  |                              |                          |           |                              |                          | TU<br>MA  |                              |                          |           |                              |                          |           |                              |                          |

## October-octobre

## November-novembre

## December-décembre

| Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     |
|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|
| <b>1</b>  | 0529<br>0850 | 1.0<br>1.1 | <b>16</b> | 0738<br>0937 | 1.1<br>1.1 | <b>1</b>  | 0705<br>1300 | 0.7<br>1.4 | <b>16</b> | 0728<br>1354 | 1.0<br>1.6 | <b>1</b>  | 0650<br>1327 | 0.8<br>2.0 | <b>16</b> | 0534<br>1325 | 1.1<br>2.1 |
| FR        | 1336         | 0.8        | SA        | 1318         | 1.0        | MO        | 1628         | 1.2        | TU        | 1745         | 1.4        | WE        | 1858         | 1.2        | TH        | 2057         | 1.2        |
| VE        | 2149         | 2.9        | SA        | 2313         | 2.4        | LU        | 2345         | 2.5        | MA        |              |            | ME        |              |            | JE        |              |            |
| <b>2</b>  | 0653<br>1117 | 0.8<br>1.0 | <b>17</b> | 0825<br>1428 | 0.9<br>1.2 | <b>2</b>  | 0754<br>1402 | 0.6<br>1.7 | <b>17</b> | 0019<br>0744 | 1.9<br>1.0 | <b>2</b>  | 0042<br>0733 | 2.0<br>0.7 | <b>17</b> | 0055<br>0622 | 1.4<br>1.0 |
| SA        | 1445         | 0.9        | SU        | 1554         | 1.2        | TU        | 1832         | 1.2        | WE        | 1421         | 1.9        | TH        | 1414         | 2.4        | FR        | 1402         | 2.4        |
| SA        | 2304         | 2.8        | DI        |              |            | MA        |              |            | ME        | 1958         | 1.3        | JE        | 2029         | 1.0        | VE        | 2135         | 1.0        |
| <b>3</b>  | 0756<br>1327 | 0.7<br>1.2 | <b>18</b> | 0031<br>0848 | 2.3<br>0.8 | <b>3</b>  | 0106<br>0829 | 2.4<br>0.5 | <b>18</b> | 0127<br>0757 | 1.8<br>0.9 | <b>3</b>  | 0153<br>0808 | 1.9<br>0.6 | <b>18</b> | 0213<br>0709 | 1.4<br>0.9 |
| SU        | 1637         | 1.1        | MO        | 1435         | 1.5        | WE        | 1444         | 2.1        | TH        | 1446         | 2.2        | FR        | 1455         | 2.7        | SA        | 1435         | 2.7        |
| DI        |              |            | LU        | 1807         | 1.3        | ME        | 2010         | 1.0        | JE        | 2114         | 1.1        | VE        | 2129         | 0.8        | SA        | 2202         | 0.7        |
| <b>4</b>  | 0023<br>0838 | 2.8<br>0.5 | <b>19</b> | 0126<br>0902 | 2.3<br>0.8 | <b>4</b>  | 0209<br>0857 | 2.3<br>0.4 | <b>19</b> | 0219<br>0815 | 1.7<br>0.8 | <b>4</b>  | 0246<br>0840 | 1.9<br>0.5 | <b>19</b> | 0302<br>0753 | 1.4<br>0.8 |
| MO        | 1424         | 1.5        | TU        | 1457         | 1.7        | TH        | 1521         | 2.4        | FR        | 1513         | 2.5        | SA        | 1534         | 2.9        | SU        | 1507         | 3.0        |
| LU        | 1823         | 1.1        | MA        | 1937         | 1.2        | JE        | 2117         | 0.8        | VE        | 2159         | 0.9        | SA        | 2215         | 0.6        | DI        | 2228         | 0.5        |
| <b>5</b>  | 0130<br>0911 | 2.7<br>0.4 | <b>20</b> | 0207<br>0910 | 2.2<br>0.7 | <b>5</b>  | 0259<br>0922 | 2.3<br>0.4 | <b>20</b> | 0305<br>0838 | 1.7<br>0.7 | <b>5</b>  | 0330<br>0910 | 1.8<br>0.4 | <b>20</b> | 0341<br>0834 | 1.5<br>0.7 |
| TU        | 1506         | 1.8        | WE        | 1521         | 2.0        | FR        | 1558         | 2.7        | SA        | 1541         | 2.8        | SU        | 1611         | 3.1        | MO        | 1541         | 3.2        |
| MA        | 1951         | 1.0        | ME        | 2045         | 1.1        | VE        | 2209         | 0.7        | SA        | 2235         | 0.7        | DI        | 2256         | 0.6        | LU        | 2254         | 0.4        |
| <b>6</b>  | 0225<br>0938 | 2.7<br>0.3 | <b>21</b> | 0243<br>0917 | 2.2<br>0.6 | <b>6</b>  | 0342<br>0945 | 2.2<br>0.3 | <b>21</b> | 0346<br>0905 | 1.7<br>0.6 | <b>6</b>  | 0410<br>0940 | 1.8<br>0.4 | <b>21</b> | 0415<br>0912 | 1.6<br>0.5 |
| WE        | 1544         | 2.1        | TH        | 1545         | 2.2        | SA        | 1634         | 3.0        | SU        | 1610         | 3.0        | MO        | 1648         | 3.2        | TU        | 1615         | 3.3        |
| ME        | 2101         | 0.9        | JE        | 2138         | 1.0        | SA        | 2253         | 0.6        | DI        | 2306         | 0.6        | LU        | 2334         | 0.6        | MA        | 2322         | 0.4        |
| <b>7</b>  | 0313<br>1001 | 2.7<br>0.3 | <b>22</b> | 0318<br>0927 | 2.1<br>0.6 | <b>7</b>  | 0421<br>1009 | 2.1<br>0.3 | <b>22</b> | 0424<br>0936 | 1.7<br>0.5 | <b>7</b>  | 0447<br>1010 | 1.8<br>0.4 | <b>22</b> | 0449<br>0949 | 1.7<br>0.5 |
| TH        | 1620         | 2.4        | FR        | 1612         | 2.5        | SU        | 1710         | 3.1        | MO        | 1642         | 3.2        | TU        | 1724         | 3.2        | WE        | 1651         | 3.4        |
| JE        | 2158         | 0.7        | VE        | 2223         | 0.9        | DI        | 2335         | 0.7        | LU        | 2337         | 0.5        | MA        |              |            | ME        | 2351         | 0.4        |
| <b>8</b>  | 0357<br>1022 | 2.6<br>0.3 | <b>23</b> | 0353<br>0942 | 2.0<br>0.5 | <b>8</b>  | 0457<br>1034 | 2.0<br>0.3 | <b>23</b> | 0459<br>1008 | 1.7<br>0.4 | <b>8</b>  | 0011<br>0523 | 0.7<br>1.8 | <b>23</b> | 0524<br>1025 | 1.7<br>0.4 |
| FR        | 1656         | 2.7        | SA        | 1639         | 2.8        | MO        | 1746         | 3.2        | TU        | 1715         | 3.4        | WE        | 1041         | 0.4        | TH        | 1727         | 3.5        |
| VE        | 2246         | 0.7        | SA        | 2303         | 0.8        | LU        |              |            | MA        |              |            | ME        | 1759         | 3.1        | JE        |              |            |
| <b>9</b>  | 0437<br>1043 | 2.4<br>0.3 | <b>24</b> | 0429<br>1003 | 1.9<br>0.4 | <b>9</b>  | 0016<br>0532 | 0.8<br>1.9 | <b>24</b> | 0010<br>0535 | 0.5<br>1.7 | <b>9</b>  | 0046<br>0557 | 0.8<br>1.7 | <b>24</b> | 0023<br>0602 | 0.4<br>1.7 |
| SA        | 1733         | 2.9        | SU        | 1709         | 3.0        | TU        | 1101         | 0.3        | WE        | 1041         | 0.4        | TH        | 1111         | 0.5        | FR        | 1102         | 0.5        |
| SA        | 2331         | 0.7        | DI        | 2342         | 0.7        | MA        | 1822         | 3.1        | ME        | 1751         | 3.4        | JE        | 1832         | 3.0        | VE        | 1804         | 3.4        |
| <b>10</b> | 0513<br>1105 | 2.3<br>0.3 | <b>25</b> | 0506<br>1029 | 1.8<br>0.4 | <b>10</b> | 0101<br>0605 | 0.9<br>1.7 | <b>25</b> | 0046<br>0610 | 0.6<br>1.7 | <b>10</b> | 0122<br>0631 | 0.9<br>1.7 | <b>25</b> | 0057<br>0643 | 0.5<br>1.8 |
| SU        | 1809         | 3.0        | MO        | 1740         | 3.2        | WE        | 1128         | 0.4        | TH        | 1115         | 0.4        | FR        | 1141         | 0.6        | SA        | 1141         | 0.6        |
| DI        |              |            | LU        |              |            | ME        | 1858         | 3.0        | JE        | 1828         | 3.4        | VE        | 1903         | 2.9        | SA        | 1843         | 3.2        |
| <b>11</b> | 0017<br>0547 | 0.8<br>2.1 | <b>26</b> | 0022<br>0542 | 0.7<br>1.7 | <b>11</b> | 0154<br>0639 | 1.0<br>1.6 | <b>26</b> | 0128<br>0649 | 0.7<br>1.6 | <b>11</b> | 0159<br>0706 | 1.0<br>1.6 | <b>26</b> | 0137<br>0731 | 0.6<br>1.8 |
| MO        | 1128         | 0.3        | TU        | 1058         | 0.4        | TH        | 1156         | 0.6        | FR        | 1150         | 0.5        | SA        | 1210         | 0.8        | SU        | 1226         | 0.8        |
| LU        | 1846         | 3.0        | MA        | 1815         | 3.3        | JE        | 1935         | 2.9        | VE        | 1907         | 3.3        | SA        | 1933         | 2.7        | DI        | 1924         | 2.9        |
| <b>12</b> | 0107<br>0620 | 1.0<br>1.9 | <b>27</b> | 0105<br>0619 | 0.8<br>1.6 | <b>12</b> | 0306<br>0713 | 1.1<br>1.5 | <b>27</b> | 0221<br>0733 | 0.8<br>1.5 | <b>12</b> | 0240<br>0746 | 1.1<br>1.6 | <b>27</b> | 0223<br>0830 | 0.7<br>1.8 |
| TU        | 1153         | 0.4        | WE        | 1129         | 0.4        | FR        | 1223         | 0.7        | SA        | 1228         | 0.6        | SU        | 1241         | 1.0        | MO        | 1323         | 1.0        |
| MA        | 1925         | 3.0        | ME        | 1852         | 3.3        | VE        | 2012         | 2.7        | SA        | 1949         | 3.1        | DI        | 2001         | 2.4        | LU        | 2009         | 2.6        |
| <b>13</b> | 0212<br>0651 | 1.1<br>1.6 | <b>28</b> | 0158<br>0657 | 0.8<br>1.5 | <b>13</b> | 0429<br>0753 | 1.2<br>1.4 | <b>28</b> | 0330<br>0834 | 0.8<br>1.4 | <b>13</b> | 0322<br>0839 | 1.1<br>1.5 | <b>28</b> | 0319<br>0950 | 0.8<br>1.8 |
| WE        | 1218         | 0.5        | TH        | 1203         | 0.5        | SA        | 1250         | 0.9        | SU        | 1316         | 0.9        | MO        | 1318         | 1.2        | TU        | 1456         | 1.3        |
| ME        | 2006         | 2.8        | JE        | 1932         | 3.2        | SA        | 2053         | 2.5        | DI        | 2036         | 2.8        | LU        | 2029         | 2.2        | MA        | 2103         | 2.2        |
| <b>14</b> | 0350<br>0722 | 1.2<br>1.4 | <b>29</b> | 0308<br>0740 | 0.9<br>1.4 | <b>14</b> | 0551<br>0903 | 1.2<br>1.3 | <b>29</b> | 0446<br>1017 | 0.9<br>1.5 | <b>14</b> | 0404<br>1019 | 1.2<br>1.6 | <b>29</b> | 0423<br>1126 | 0.9<br>2.0 |
| TH        | 1243         | 0.7        | FR        | 1239         | 0.6        | SU        | 1318         | 1.1        | MO        | 1433         | 1.2        | TU        | 1437         | 1.4        | WE        | 1715         | 1.3        |
| JE        | 2052         | 2.6        | VE        | 2017         | 3.1        | DI        | 2144         | 2.3        | LU        | 2137         | 2.5        | MA        | 2101         | 1.9        | ME        | 2222         | 1.8        |
| <b>15</b> | 0542<br>0756 | 1.2<br>1.3 | <b>30</b> | 0432<br>0838 | 0.9<br>1.2 | <b>15</b> | 0654<br>1250 | 1.1<br>1.3 | <b>30</b> | 0555<br>1218 | 0.8<br>1.7 | <b>15</b> | 0448<br>1228 | 1.1<br>1.8 | <b>30</b> | 0526<br>1244 | 0.9<br>2.3 |
| FR        | 1306         | 0.9        | SA        | 1322         | 0.8        | MO        | 1432         | 1.3        | TU        | 1647         | 1.3        | WE        | 1814         | 1.5        | TH        | 1918         | 1.2        |
| VE        | 2152         | 2.5        | SA        | 2109         | 2.9        | LU        | 2255         | 2.1        | MA        | 2306         | 2.2        | ME        | 2211         | 1.6        | JE        |              |            |
|           |              |            | <b>31</b> | 0557<br>1040 | 0.9<br>1.2 |           |              |            |           |              |            |           |              |            | <b>31</b> | 0013<br>0623 | 1.6<br>0.8 |
|           |              |            | SU        | 1427         | 1.0        |           |              |            |           |              |            |           |              |            | FR        | 1341         | 2.6        |
|           |              |            | DI        | 2218         | 2.7        |           |              |            |           |              |            |           |              |            | VE        | 2040         | 0.9        |

## January-janvier

## February-février

## March-mars

| Day         | Time        | Metres      | jour        | heure       | mètres      | Day         | Time        | Metres      | jour        | heure | mètres | Day       | Time        | Metres    | jour        | heure | mètres |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|--------|-----------|-------------|-----------|-------------|-------|--------|
| <b>1</b>    | 0038        | 1.6         | <b>16</b>   | 0113        | 1.2         | <b>1</b>    | 0222        | 1.5         | <b>16</b>   | 0215  | 1.5    | <b>1</b>  | 0138        | 1.4       | <b>16</b>   | 0120  | 1.3    |
|             | 0614        | 0.7         |             | 0716        | 0.8         |             | 0639        | 0.8         |             | 0550  | 1.0    |           | 0502        | 1.0       |             |       |        |
|             | SA 1328 2.8 | SU 1254 2.8 |             | TU 1428 3.0 | WE 1344 3.1 |             | TU 1324 2.7 | WE 1226 2.9 |             |       |        |           |             |           |             |       |        |
| SA 2035 0.7 | DI 2045 0.6 | MA 2143 0.5 | ME 2113 0.3 | MA 2056 0.6 | ME 2018 0.4 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>2</b>    | 0137        | 1.6         | <b>17</b>   | 0154        | 1.3         | <b>2</b>    | 0259        | 1.6         | <b>17</b>   | 0251  | 1.7    | <b>2</b>  | 0217        | 1.5       | <b>17</b>   | 0201  | 1.6    |
|             | 0659        | 0.7         |             | 0800        | 0.7         |             | 0735        | 0.7         |             | 0656  | 0.9    |           | 0623        | 1.0       |             |       |        |
|             | SU 1410 3.0 | MO 1334 3.0 |             | WE 1504 3.0 | TH 1425 3.2 |             | WE 1404 2.8 | TH 1318 2.9 |             |       |        |           |             |           |             |       |        |
| DI 2117 0.6 | LU 2109 0.4 | ME 2208 0.5 | JE 2139 0.2 | ME 2121 0.5 | JE 2046 0.3 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>3</b>    | 0224        | 1.6         | <b>18</b>   | 0229        | 1.5         | <b>3</b>    | 0334        | 1.8         | <b>18</b>   | 0329  | 1.9    | <b>3</b>  | 0250        | 1.7       | <b>18</b>   | 0240  | 1.8    |
|             | 0740        | 0.6         |             | 0839        | 0.7         |             | 0825        | 0.7         |             | 0746  | 0.9    |           | 0731        | 0.9       |             |       |        |
|             | MO 1450 3.1 | TU 1412 3.2 |             | TH 1536 3.0 | FR 1506 3.2 |             | TH 1437 2.8 | FR 1404 2.9 |             |       |        |           |             |           |             |       |        |
| LU 2154 0.6 | MA 2135 0.3 | JE 2228 0.6 | VE 2204 0.2 | JE 2139 0.5 | VE 2111 0.2 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>4</b>    | 0304        | 1.7         | <b>19</b>   | 0303        | 1.6         | <b>4</b>    | 0406        | 1.9         | <b>19</b>   | 0408  | 2.1    | <b>4</b>  | 0320        | 1.9       | <b>19</b>   | 0318  | 2.1    |
|             | 0817        | 0.5         |             | 0913        | 0.7         |             | 0913        | 0.7         |             | 0827  | 0.8    |           | 0829        | 0.8       |             |       |        |
|             | TU 1527 3.1 | WE 1449 3.3 |             | FR 1604 2.9 | SA 1546 3.1 |             | FR 1506 2.7 | SA 1448 2.8 |             |       |        |           |             |           |             |       |        |
| MA 2227 0.6 | ME 2202 0.3 | VE 2243 0.6 | SA 2228 0.3 | VE 2151 0.5 | SA 2133 0.2 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>5</b>    | 0341        | 1.7         | <b>20</b>   | 0338        | 1.7         | <b>5</b>    | 0436        | 2.0         | <b>20</b>   | 0447  | 2.3    | <b>5</b>  | 0349        | 2.0       | <b>20</b>   | 0355  | 2.4    |
|             | 0853        | 0.5         |             | 0833        | 0.5         |             | 0946        | 0.7         |             | 0904  | 0.8    |           | 0921        | 0.7       |             |       |        |
|             | WE 1602 3.1 | TH 1527 3.4 |             | SA 1630 2.8 | SU 1626 2.9 |             | SA 1533 2.6 | SU 1530 2.7 |             |       |        |           |             |           |             |       |        |
| ME 2255 0.6 | JE 2229 0.3 | SA 2255 0.6 | DI 2251 0.3 | SA 2159 0.5 | DI 2155 0.2 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>6</b>    | 0416        | 1.8         | <b>21</b>   | 0416        | 1.8         | <b>6</b>    | 0507        | 2.1         | <b>21</b>   | 0528  | 2.4    | <b>6</b>  | 0418        | 2.2       | <b>21</b>   | 0432  | 2.6    |
|             | 0926        | 0.5         |             | 0914        | 0.5         |             | 1019        | 0.8         |             | 0941  | 0.9    |           | 1010        | 0.7       |             |       |        |
|             | TH 1634 3.0 | FR 1605 3.3 |             | SU 1654 2.6 | MO 1705 2.7 |             | SU 1558 2.5 | MO 1610 2.6 |             |       |        |           |             |           |             |       |        |
| JE 2320 0.7 | VE 2257 0.3 | DI 2306 0.7 | LU 2316 0.4 | DI 2209 0.5 | LU 2218 0.3 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>7</b>    | 0449        | 1.8         | <b>22</b>   | 0456        | 1.9         | <b>7</b>    | 0538        | 2.2         | <b>22</b>   | 0610  | 2.5    | <b>7</b>  | 0447        | 2.4       | <b>22</b>   | 0510  | 2.8    |
|             | 0957        | 0.6         |             | 1055        | 1.0         |             | 1144        | 0.9         |             | 1018  | 0.9    |           | 1058        | 0.8       |             |       |        |
|             | FR 1703 2.9 | SA 1643 3.2 |             | MO 1717 2.4 | TU 1743 2.4 |             | MO 1624 2.3 | TU 1648 2.3 |             |       |        |           |             |           |             |       |        |
| VE 2340 0.8 | SA 2325 0.4 | LU 2318 0.7 | MA 2343 0.5 | LU 2221 0.5 | MA 2242 0.3 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>8</b>    | 0521        | 1.8         | <b>23</b>   | 0538        | 2.0         | <b>8</b>    | 0611        | 2.3         | <b>23</b>   | 0655  | 2.6    | <b>8</b>  | 0516        | 2.5       | <b>23</b>   | 0549  | 2.9    |
|             | 1028        | 0.7         |             | 1042        | 0.7         |             | 1251        | 1.1         |             | 1059  | 1.0    |           | 1150        | 0.9       |             |       |        |
|             | SA 1729 2.8 | SU 1723 3.0 |             | TU 1739 2.1 | WE 1821 2.0 |             | TU 1650 2.1 | WE 1724 2.1 |             |       |        |           |             |           |             |       |        |
| SA 2358 0.9 | DI 2355 0.5 | MA 2332 0.7 | ME 1821 2.0 | MA 2236 0.5 | ME 2308 0.4 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>9</b>    | 0555        | 1.8         | <b>24</b>   | 0625        | 2.1         | <b>9</b>    | 0648        | 2.3         | <b>24</b>   | 0013  | 0.6    | <b>9</b>  | 0547        | 2.7       | <b>24</b>   | 0630  | 2.9    |
|             | 1059        | 0.9         |             | 1133        | 0.9         |             | 0745        | 2.6         |             | 1148  | 1.1    |           | 1253        | 1.0       |             |       |        |
|             | SU 1753 2.6 | MO 1803 2.6 |             | WE 1800 1.8 | TH 1429 1.2 |             | WE 1717 1.8 | TH 1759 1.8 |             |       |        |           |             |           |             |       |        |
| DI          |             |             | LU          |             | ME 2349 0.7 | JE 1900 1.7 | ME 2254 0.5 | JE 2335 0.5 |             |       |        |           |             |           |             |       |        |
| <b>10</b>   | 0014        | 0.9         | <b>25</b>   | 0027        | 0.6         | <b>10</b>   | 0734        | 2.4         | <b>25</b>   | 0047  | 0.7    | <b>10</b> | 0622        | 2.8       | <b>25</b>   | 0714  | 2.9    |
|             | 0631        | 1.9         |             | 0717        | 2.2         |             | 0847        | 2.6         |             | 1255  | 1.2    |           | 1424        | 1.2       |             |       |        |
|             | MO 1135 1.1 | TU 1239 1.1 |             | TH 1821 1.5 | FR 1632 1.2 |             | TH 1748 1.6 | FR 1833 1.6 |             |       |        |           |             |           |             |       |        |
| LU 1815 2.3 | MA 1844 2.3 | JE          | VE 1947 1.4 | JE          |             |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>11</b>   | 0029        | 0.9         | <b>26</b>   | 0104        | 0.7         | <b>11</b>   | 0011        | 0.8         | <b>26</b>   | 0130  | 0.8    | <b>11</b> | 0702        | 2.8       | <b>26</b>   | 0004  | 0.6    |
|             | 0714        | 1.9         |             | 0818        | 2.3         |             | 1006        | 2.6         |             | 1456  | 1.2    |           | 0806        | 2.7       |             |       |        |
|             | TU 1222 1.3 | WE 1420 1.3 |             | SA 1833 1.1 | FR 1824 1.4 |             | SA 1619 1.2 |             |             |       |        |           |             |           |             |       |        |
| MA 1835 2.0 | ME 1931 1.9 | VE          | SA 2131 1.2 | VE 2345 0.6 | SA 1912 1.3 |             |             |             |             |       |        |           |             |           |             |       |        |
| <b>12</b>   | 0046        | 0.9         | <b>27</b>   | 0150        | 0.8         | <b>12</b>   | 0042        | 0.8         | <b>27</b>   | 0243  | 0.9    | <b>12</b> | 0751        | 2.8       | <b>27</b>   | 0037  | 0.8    |
|             | 0813        | 2.0         |             | 0933        | 2.3         |             | 1129        | 2.6         |             | 1653  | 1.1    |           | 0914        | 2.6       |             |       |        |
|             | WE 1408 1.5 | TH 1630 1.3 |             | SA 1933 0.9 | SU 1946 0.9 |             | SA 1915 1.1 | SU 1819 1.1 |             |       |        |           |             |           |             |       |        |
| ME 1850 1.7 | JE 2033 1.6 | SA 2309 1.0 | DI          |             | SA          |             | SA          |             | DI 2031 1.1 |       |        |           |             |           |             |       |        |
| <b>13</b>   | 0108        | 1.0         | <b>28</b>   | 0251        | 0.9         | <b>13</b>   | 0150        | 1.0         | <b>28</b>   | 0035  | 1.2    | <b>13</b> | 0022        | 0.8       | <b>28</b>   | 0125  | 1.0    |
|             | 0942        | 2.1         |             | 1056        | 2.5         |             | 0423        | 1.0         |             | 0854  | 2.7    |           | 1041        | 2.5       |             |       |        |
|             | TH 1828 1.1 | FR 1828 1.1 |             | SU 1953 0.7 | MO 1235 2.7 |             | SU 1820 0.9 | MO 1930 0.9 |             |       |        |           |             |           |             |       |        |
| JE          |             |             | VE 2231 1.3 | DI          |             | LU 2026 0.7 | DI 2147 1.0 | LU          |             |       |        |           |             |           |             |       |        |
| <b>14</b>   | 0146        | 1.0         | <b>29</b>   | 0404        | 0.9         | <b>14</b>   | 0057        | 1.1         | <b>14</b>   | 0122  | 0.9    | <b>14</b> | 0122        | 0.9       | <b>29</b>   | 0039  | 1.2    |
|             | 1111        | 2.3         |             | 1206        | 2.6         |             | 0406        | 1.0         |             | 1012  | 2.7    |           | 0330        | 1.1       |             |       |        |
|             | FR 2015 1.0 | SA 1947 0.9 |             | MO 1211 2.8 | SU 1946 0.9 |             | MO 1911 0.7 | TU 1159 2.5 |             |       |        |           |             |           |             |       |        |
| VE 2340 1.1 | SA          |             | LU 2019 0.5 | DI          |             | MA 2004 0.8 |             |             |             |       |        |           |             |           |             |       |        |
| <b>15</b>   | 0323        | 1.0         | <b>30</b>   | 0031        | 1.3         | <b>15</b>   | 0138        | 1.3         | <b>15</b>   | 0025  | 1.1    | <b>15</b> | 0025        | 1.1       | <b>30</b>   | 0132  | 1.4    |
|             | 1209        | 2.6         |             | 0517        | 0.9         |             | 0534        | 0.9         |             | 0319  | 1.0    |           | 0519        | 1.1       |             |       |        |
|             | SA 2024 0.8 | SU 1302 2.8 |             | TU 1300 3.0 | TU 1126 2.8 |             | WE 1252 2.5 |             |             |       |        |           |             |           |             |       |        |
| SA          |             |             | DI 2035 0.7 | MA 2046 0.4 | MA          |             | MA 1948 0.5 | ME 2029 0.7 |             |       |        |           |             |           |             |       |        |
|             |             |             | <b>31</b>   | 0136        | 1.4         |             |             |             |             |       |        |           |             | <b>31</b> | 0204        | 1.6   |        |
|             |             |             |             | 0622        | 0.8         |             |             |             |             |       |        |           |             |           | 0638        | 1.1   |        |
|             |             |             |             | MO 1348 2.9 |             |             |             |             |             |       |        |           |             |           | TH 1332 2.5 |       |        |
|             |             |             | LU 2112 0.6 |             |             |             |             |             |             |       |        |           | JE 2047 0.6 |           |             |       |        |

## April-avril

## May-mai

## June-juin

| Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     |
|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|
| <b>1</b>  | 0233<br>0737 | 1.8<br>1.0 | <b>16</b> | 0223<br>0742 | 2.1<br>0.9 | <b>1</b>  | 0234<br>0838 | 2.2<br>1.0 | <b>16</b> | 0235<br>0854 | 2.7<br>0.7 | <b>1</b>  | 0255<br>0959 | 3.0<br>0.6 | <b>16</b> | 0328<br>1019 | 3.2<br>0.5 |
| FR        | 1405         | 2.5        | SA        | 1348         | 2.5        | SU        | 1410         | 2.0        | MO        | 1422         | 2.1        | WE        | 1514         | 1.6        | TH        | 1532         | 1.8        |
| VE        | 2059         | 0.6        | SA        | 2036         | 0.3        | DI        | 2014         | 0.6        | LU        | 2022         | 0.3        | ME        | 2019         | 0.6        | JE        | 2055         | 0.4        |
| <b>2</b>  | 0301<br>0824 | 2.0<br>1.0 | <b>17</b> | 0259<br>0842 | 2.4<br>0.8 | <b>2</b>  | 0259<br>0920 | 2.5<br>0.9 | <b>17</b> | 0312<br>0939 | 3.0<br>0.6 | <b>2</b>  | 0326<br>1026 | 3.2<br>0.5 | <b>17</b> | 0406<br>1055 | 3.2<br>0.6 |
| SA        | 1435         | 2.4        | SU        | 1434         | 2.5        | MO        | 1445         | 1.9        | TU        | 1504         | 2.0        | TH        | 1548         | 1.6        | FR        | 1610         | 1.8        |
| SA        | 2106         | 0.6        | DI        | 2059         | 0.3        | LU        | 2029         | 0.6        | MA        | 2049         | 0.3        | JE        | 2052         | 0.5        | VE        | 2128         | 0.4        |
| <b>3</b>  | 0327<br>0906 | 2.3<br>0.9 | <b>18</b> | 0335<br>0932 | 2.7<br>0.7 | <b>3</b>  | 0326<br>0957 | 2.8<br>0.8 | <b>18</b> | 0350<br>1020 | 3.2<br>0.6 | <b>3</b>  | 0358<br>1054 | 3.3<br>0.5 | <b>18</b> | 0442<br>1129 | 3.2<br>0.7 |
| SU        | 1504         | 2.3        | MO        | 1517         | 2.4        | TU        | 1520         | 1.8        | WE        | 1542         | 2.0        | FR        | 1621         | 1.7        | SA        | 1646         | 1.8        |
| DI        | 2114         | 0.5        | LU        | 2122         | 0.2        | MA        | 2049         | 0.5        | ME        | 2117         | 0.3        | VE        | 2125         | 0.4        | SA        | 2201         | 0.5        |
| <b>4</b>  | 0354<br>0946 | 2.5<br>0.9 | <b>19</b> | 0412<br>1017 | 3.0<br>0.7 | <b>4</b>  | 0354<br>1033 | 3.0<br>0.7 | <b>19</b> | 0427<br>1101 | 3.2<br>0.7 | <b>4</b>  | 0431<br>1125 | 3.4<br>0.6 | <b>19</b> | 0517<br>1203 | 3.1<br>0.8 |
| MO        | 1533         | 2.1        | TU        | 1555         | 2.2        | WE        | 1555         | 1.7        | TH        | 1618         | 1.9        | SA        | 1655         | 1.7        | SU        | 1722         | 1.7        |
| LU        | 2126         | 0.5        | MA        | 2146         | 0.2        | ME        | 2114         | 0.5        | JE        | 2147         | 0.3        | SA        | 2158         | 0.4        | DI        | 2233         | 0.6        |
| <b>5</b>  | 0422<br>1026 | 2.7<br>0.9 | <b>20</b> | 0449<br>1102 | 3.1<br>0.7 | <b>5</b>  | 0424<br>1108 | 3.1<br>0.7 | <b>20</b> | 0504<br>1143 | 3.2<br>0.8 | <b>5</b>  | 0507<br>1200 | 3.4<br>0.6 | <b>20</b> | 0549<br>1236 | 2.9<br>0.9 |
| TU        | 1604         | 2.0        | WE        | 1632         | 2.1        | TH        | 1629         | 1.7        | FR        | 1654         | 1.8        | SU        | 1732         | 1.7        | MO        | 1759         | 1.7        |
| MA        | 2143         | 0.5        | ME        | 2211         | 0.3        | JE        | 2142         | 0.4        | VE        | 2217         | 0.4        | DI        | 2234         | 0.5        | LU        | 2305         | 0.8        |
| <b>6</b>  | 0451<br>1108 | 2.9<br>0.9 | <b>21</b> | 0526<br>1149 | 3.1<br>0.8 | <b>6</b>  | 0456<br>1146 | 3.2<br>0.7 | <b>21</b> | 0541<br>1230 | 3.1<br>0.9 | <b>6</b>  | 0544<br>1241 | 3.3<br>0.7 | <b>21</b> | 0620<br>1310 | 2.7<br>1.0 |
| WE        | 1636         | 1.8        | TH        | 1707         | 1.9        | FR        | 1704         | 1.6        | SA        | 1729         | 1.7        | MO        | 1814         | 1.6        | TU        | 1839         | 1.7        |
| ME        | 2204         | 0.4        | JE        | 2239         | 0.3        | VE        | 2213         | 0.4        | SA        | 2247         | 0.5        | LU        | 2312         | 0.6        | MA        | 2339         | 1.0        |
| <b>7</b>  | 0522<br>1155 | 3.0<br>0.9 | <b>22</b> | 0605<br>1246 | 3.1<br>1.0 | <b>7</b>  | 0531<br>1229 | 3.3<br>0.8 | <b>22</b> | 0618<br>1328 | 3.0<br>1.1 | <b>7</b>  | 0623<br>1333 | 3.1<br>0.8 | <b>22</b> | 0649<br>1344 | 2.5<br>1.1 |
| TH        | 1710         | 1.7        | FR        | 1740         | 1.7        | SA        | 1740         | 1.6        | SU        | 1806         | 1.6        | TU        | 1908         | 1.6        | WE        | 1928         | 1.6        |
| JE        | 2229         | 0.5        | VE        | 2307         | 0.5        | SA        | 2245         | 0.5        | DI        | 2318         | 0.7        | MA        | 2357         | 0.9        | ME        |              |            |
| <b>8</b>  | 0556<br>1252 | 3.1<br>1.0 | <b>23</b> | 0646<br>1406 | 3.0<br>1.1 | <b>8</b>  | 0609<br>1324 | 3.2<br>0.9 | <b>23</b> | 0656<br>1441 | 2.8<br>1.1 | <b>8</b>  | 0706<br>1438 | 2.8<br>0.8 | <b>23</b> | 0018<br>0717 | 1.2<br>2.2 |
| FR        | 1746         | 1.5        | SA        | 1815         | 1.5        | SU        | 1820         | 1.5        | MO        | 1848         | 1.5        | WE        | 2026         | 1.6        | TH        | 1420         | 1.1        |
| VE        | 2259         | 0.5        | SA        | 2336         | 0.6        | DI        | 2321         | 0.6        | LU        | 2350         | 0.9        | ME        |              |            | JE        | 2043         | 1.7        |
| <b>9</b>  | 0635<br>1412 | 3.1<br>1.0 | <b>24</b> | 0730<br>1545 | 2.8<br>1.2 | <b>9</b>  | 0650<br>1437 | 3.1<br>0.9 | <b>24</b> | 0735<br>1557 | 2.5<br>1.2 | <b>9</b>  | 0102<br>0757 | 1.1<br>2.5 | <b>24</b> | 0130<br>0744 | 1.4<br>1.9 |
| SA        | 1826         | 1.4        | SU        | 1855         | 1.4        | MO        | 1911         | 1.4        | TU        | 1948         | 1.4        | TH        | 1550         | 0.9        | FR        | 1502         | 1.1        |
| SA        | 2332         | 0.6        | DI        |              |            | LU        |              |            | MA        |              |            | JE        | 2222         | 1.7        | VE        | 2244         | 1.8        |
| <b>10</b> | 0719<br>1543 | 3.0<br>1.0 | <b>25</b> | 0007<br>0823 | 0.8<br>2.6 | <b>10</b> | 0001<br>0736 | 0.8<br>2.9 | <b>25</b> | 0026<br>0820 | 1.1<br>2.3 | <b>10</b> | 0303<br>0911 | 1.3<br>2.1 | <b>25</b> | 0453<br>0825 | 1.5<br>1.6 |
| SU        | 1917         | 1.2        | MO        | 1725         | 1.1        | TU        | 1559         | 0.9        | WE        | 1705         | 1.1        | FR        | 1655         | 0.8        | SA        | 1552         | 1.1        |
| DI        |              |            | LU        | 2004         | 1.2        | MA        | 2037         | 1.3        | ME        | 2216         | 1.4        | VE        | 2349         | 2.0        | SA        |              |            |
| <b>11</b> | 0011<br>0812 | 0.7<br>2.9 | <b>26</b> | 0043<br>0935 | 1.0<br>2.4 | <b>11</b> | 0056<br>0833 | 1.0<br>2.7 | <b>26</b> | 0140<br>0922 | 1.3<br>2.0 | <b>11</b> | 0522<br>1054 | 1.3<br>1.9 | <b>26</b> | 0001<br>0803 | 2.1<br>1.2 |
| MO        | 1710         | 0.9        | TU        | 1842         | 1.0        | WE        | 1713         | 0.8        | TH        | 1753         | 1.1        | SA        | 1749         | 0.8        | SU        | 1131         | 1.3        |
| LU        | 2056         | 1.1        | MA        |              |            | ME        | 2309         | 1.4        | JE        |              |            | SA        |              |            | DI        | 1647         | 1.1        |
| <b>12</b> | 0105<br>0918 | 0.9<br>2.7 | <b>27</b> | 0009<br>0230 | 1.2<br>1.2 | <b>12</b> | 0241<br>0952 | 1.2<br>2.4 | <b>27</b> | 0023<br>0429 | 1.6<br>1.4 | <b>12</b> | 0044<br>0704 | 2.3<br>1.0 | <b>27</b> | 0044<br>0835 | 2.3<br>1.0 |
| TU        | 1819         | 0.8        | WE        | 1059         | 2.3        | TH        | 1811         | 0.7        | FR        | 1052         | 1.8        | SU        | 1221         | 1.8        | MO        | 1307         | 1.3        |
| MA        | 2349         | 1.2        | ME        | 1921         | 0.9        | JE        |              |            | VE        | 1821         | 1.0        | DI        | 1833         | 0.7        | LU        | 1741         | 1.0        |
| <b>13</b> | 0247<br>1039 | 1.1<br>2.7 | <b>28</b> | 0111<br>0449 | 1.5<br>1.3 | <b>13</b> | 0031<br>0456 | 1.7<br>1.3 | <b>28</b> | 0104<br>0658 | 1.9<br>1.3 | <b>13</b> | 0129<br>0810 | 2.7<br>0.8 | <b>28</b> | 0118<br>0859 | 2.6<br>0.7 |
| WE        | 1907         | 0.6        | TH        | 1207         | 2.2        | FR        | 1124         | 2.3        | SA        | 1213         | 1.7        | MO        | 1323         | 1.8        | TU        | 1356         | 1.4        |
| ME        |              |            | JE        | 1944         | 0.8        | VE        | 1853         | 0.6        | SA        | 1839         | 1.0        | LU        | 1912         | 0.6        | MA        | 1830         | 0.9        |
| <b>14</b> | 0100<br>0447 | 1.5<br>1.2 | <b>29</b> | 0141<br>0630 | 1.7<br>1.3 | <b>14</b> | 0118<br>0645 | 2.1<br>1.1 | <b>29</b> | 0132<br>0816 | 2.2<br>1.1 | <b>14</b> | 0210<br>0859 | 2.9<br>0.6 | <b>29</b> | 0151<br>0921 | 2.9<br>0.6 |
| TH        | 1154         | 2.6        | FR        | 1255         | 2.1        | SA        | 1238         | 2.2        | SU        | 1311         | 1.6        | TU        | 1412         | 1.8        | WE        | 1432         | 1.5        |
| JE        | 1942         | 0.5        | VE        | 1957         | 0.8        | SA        | 1927         | 0.5        | DI        | 1858         | 0.9        | MA        | 1947         | 0.5        | ME        | 1914         | 0.8        |
| <b>15</b> | 0144<br>0625 | 1.8<br>1.1 | <b>30</b> | 0208<br>0744 | 2.0<br>1.1 | <b>15</b> | 0158<br>0759 | 2.4<br>0.9 | <b>30</b> | 0159<br>0858 | 2.5<br>0.9 | <b>15</b> | 0249<br>0940 | 3.1<br>0.5 | <b>30</b> | 0224<br>0944 | 3.1<br>0.4 |
| FR        | 1255         | 2.6        | SA        | 1334         | 2.1        | SU        | 1335         | 2.1        | MO        | 1358         | 1.6        | WE        | 1454         | 1.8        | TH        | 1504         | 1.6        |
| VE        | 2011         | 0.4        | SA        | 2005         | 0.7        | DI        | 1955         | 0.4        | LU        | 1921         | 0.8        | ME        | 2021         | 0.4        | JE        | 1954         | 0.6        |
|           |              |            |           |              |            |           |              |            | <b>31</b> | 0227<br>0930 | 2.7<br>0.7 |           |              |            |           |              |            |
|           |              |            |           |              |            |           |              |            | TU        | 1438         | 1.6        |           |              |            |           |              |            |
|           |              |            |           |              |            |           |              |            | MA        | 1949         | 0.7        |           |              |            |           |              |            |

## July-juillet

## August-août

## September-septembre

| Day       | Time | Metres | jour      | heure | mètres | Day       | Time | Metres | jour      | heure | mètres | Day       | Time | Metres | jour      | heure | mètres |
|-----------|------|--------|-----------|-------|--------|-----------|------|--------|-----------|-------|--------|-----------|------|--------|-----------|-------|--------|
| <b>1</b>  | 0257 | 3.2    | <b>16</b> | 0345  | 3.1    | <b>1</b>  | 0343 | 3.2    | <b>16</b> | 0420  | 2.7    | <b>1</b>  | 0443 | 2.6    | <b>16</b> | 0442  | 2.1    |
| FR        | 1008 | 0.4    |           | 1040  | 0.6    |           | 1034 | 0.3    |           | 1043  | 0.6    |           | 1052 | 0.3    |           | 1025  | 0.5    |
| VE        | 1537 | 1.7    | SA        | 1603  | 1.8    | MO        | 1638 | 2.0    | TU        | 1658  | 2.1    | TH        | 1747 | 2.7    | FR        | 1734  | 2.7    |
|           | 2032 | 0.5    | SA        | 2115  | 0.5    | LU        | 2142 | 0.6    | MA        | 2214  | 0.8    | JE        | 2326 | 0.9    | VE        | 2337  | 1.1    |
| <b>2</b>  | 0332 | 3.3    | <b>17</b> | 0419  | 3.1    | <b>2</b>  | 0421 | 3.1    | <b>17</b> | 0445  | 2.6    | <b>2</b>  | 0523 | 2.4    | <b>17</b> | 0509  | 1.8    |
|           | 1034 | 0.4    |           | 1105  | 0.6    |           | 1059 | 0.3    |           | 1055  | 0.6    |           | 1119 | 0.4    |           | 1042  | 0.5    |
| SA        | 1610 | 1.7    | SU        | 1638  | 1.9    | TU        | 1719 | 2.1    | WE        | 1729  | 2.2    | FR        | 1830 | 2.7    | SA        | 1806  | 2.8    |
| SA        | 2109 | 0.5    | DI        | 2149  | 0.6    | MA        | 2226 | 0.7    | ME        | 2250  | 1.0    | VE        |      |        | SA        |       |        |
| <b>3</b>  | 0407 | 3.4    | <b>18</b> | 0450  | 2.9    | <b>3</b>  | 0459 | 2.9    | <b>18</b> | 0509  | 2.3    | <b>3</b>  | 0027 | 1.0    | <b>18</b> | 0034  | 1.2    |
|           | 1101 | 0.4    |           | 1126  | 0.7    |           | 1126 | 0.4    |           | 1107  | 0.7    |           | 0602 | 2.1    |           | 0537  | 1.6    |
| SU        | 1646 | 1.8    | MO        | 1713  | 1.9    | WE        | 1803 | 2.3    | TH        | 1800  | 2.3    | SA        | 1149 | 0.5    | SU        | 1102  | 0.6    |
| DI        | 2147 | 0.5    | LU        | 2222  | 0.7    | ME        | 2316 | 0.9    | JE        | 2331  | 1.1    | SA        | 1917 | 2.8    | DI        | 1842  | 2.8    |
| <b>4</b>  | 0443 | 3.3    | <b>19</b> | 0518  | 2.8    | <b>4</b>  | 0539 | 2.7    | <b>19</b> | 0531  | 2.1    | <b>4</b>  | 0152 | 1.1    | <b>19</b> | 0212  | 1.2    |
|           | 1130 | 0.5    |           | 1143  | 0.8    |           | 1156 | 0.5    |           | 1120  | 0.7    |           | 0641 | 1.8    |           | 0608  | 1.4    |
| MO        | 1726 | 1.8    | TU        | 1747  | 1.9    | TH        | 1850 | 2.3    | FR        | 1834  | 2.4    | SU        | 1223 | 0.6    | MO        | 1128  | 0.6    |
| LU        | 2226 | 0.6    | MA        | 2255  | 0.9    | JE        |      |        | VE        |       |        | DI        | 2011 | 2.7    | LU        | 1925  | 2.8    |
| <b>5</b>  | 0520 | 3.2    | <b>20</b> | 0543  | 2.6    | <b>5</b>  | 0016 | 1.0    | <b>20</b> | 0025  | 1.3    | <b>5</b>  | 0343 | 1.2    | <b>20</b> | 0414  | 1.1    |
|           | 1203 | 0.5    |           | 1159  | 0.9    |           | 0620 | 2.3    |           | 0552  | 1.8    |           | 0726 | 1.5    |           | 0647  | 1.2    |
| TU        | 1810 | 1.9    | WE        | 1823  | 2.0    | FR        | 1230 | 0.6    | SA        | 1135  | 0.7    | MO        | 1303 | 0.7    | TU        | 1159  | 0.7    |
| MA        | 2309 | 0.8    | ME        | 2331  | 1.1    | VE        | 1944 | 2.4    | SA        | 1913  | 2.5    | LU        | 2120 | 2.7    | MA        | 2019  | 2.7    |
| <b>6</b>  | 0559 | 2.9    | <b>21</b> | 0606  | 2.3    | <b>6</b>  | 0143 | 1.2    | <b>21</b> | 0216  | 1.4    | <b>6</b>  | 0538 | 1.1    | <b>21</b> | 0551  | 1.0    |
|           | 1239 | 0.6    |           | 1214  | 0.9    |           | 0704 | 2.0    |           | 0611  | 1.5    |           | 0838 | 1.2    |           | 0813  | 1.0    |
| WE        | 1903 | 1.9    | TH        | 1902  | 2.0    | SA        | 1310 | 0.7    | SU        | 1152  | 0.7    | TU        | 1402 | 0.9    | WE        | 1241  | 0.9    |
| ME        |      |        | JE        |       |        | SA        | 2049 | 2.5    | DI        | 2003  | 2.5    | MA        | 2244 | 2.6    | ME        | 2129  | 2.7    |
| <b>7</b>  | 0003 | 1.0    | <b>22</b> | 0017  | 1.3    | <b>7</b>  | 0346 | 1.2    | <b>22</b> | 1215  | 0.8    | <b>7</b>  | 0710 | 0.9    | <b>22</b> | 0650  | 0.8    |
|           | 0641 | 2.6    |           | 0626  | 2.0    |           | 0759 | 1.6    |           | 2111  | 2.5    |           | 1139 | 1.2    |           | 1156  | 1.1    |
| TH        | 1323 | 0.7    | FR        | 1228  | 0.9    | SU        | 1402 | 0.8    | MO        |       |        | WE        | 1540 | 1.0    | TH        | 1419  | 1.0    |
| JE        | 2009 | 2.0    | VE        | 1951  | 2.1    | DI        | 2208 | 2.5    | LU        |       |        | ME        |      |        | JE        | 2248  | 2.7    |
| <b>8</b>  | 0122 | 1.2    | <b>23</b> | 0145  | 1.5    | <b>8</b>  | 0545 | 1.1    | <b>23</b> | 1247  | 0.9    | <b>8</b>  | 0001 | 2.7    | <b>23</b> | 0727  | 0.7    |
|           | 0729 | 2.2    |           | 0640  | 1.7    |           | 0930 | 1.3    |           | 2234  | 2.6    |           | 0801 | 0.7    |           | 1302  | 1.3    |
| FR        | 1419 | 0.8    | SA        | 1243  | 0.9    | MO        | 1514 | 0.9    | TU        |       |        | TH        | 1311 | 1.3    | FR        | 1625  | 1.1    |
| VE        | 2133 | 2.1    | SA        | 2102  | 2.1    | LU        | 2327 | 2.6    | MA        |       |        | JE        | 1717 | 1.0    | VE        | 2356  | 2.7    |
| <b>9</b>  | 0331 | 1.3    | <b>24</b> | 1305  | 1.0    | <b>9</b>  | 0716 | 0.9    | <b>24</b> | 0747  | 0.8    | <b>9</b>  | 0059 | 2.7    | <b>24</b> | 0756  | 0.5    |
|           | 0834 | 1.9    |           | 2233  | 2.3    |           | 1150 | 1.3    |           | 1250  | 1.1    |           | 0836 | 0.6    |           | 1344  | 1.6    |
| SA        | 1525 | 0.9    | SU        |       |        | TU        | 1635 | 0.9    | WE        | 1504  | 1.0    | FR        | 1357 | 1.5    | SA        | 1757  | 1.1    |
| SA        | 2259 | 2.3    | DI        |       |        | MA        |      |        | ME        | 2343  | 2.7    | VE        | 1834 | 0.9    | SA        |       |        |
| <b>10</b> | 0540 | 1.2    | <b>25</b> | 0904  | 1.1    | <b>10</b> | 0031 | 2.8    | <b>25</b> | 0808  | 0.6    | <b>10</b> | 0144 | 2.7    | <b>25</b> | 0051  | 2.7    |
|           | 1018 | 1.6    |           | 1030  | 1.1    |           | 0812 | 0.7    |           | 1328  | 1.3    |           | 0903 | 0.5    |           | 0823  | 0.4    |
| SU        | 1633 | 0.8    | MO        | 1355  | 1.0    | WE        | 1311 | 1.4    | TH        | 1659  | 1.0    | SA        | 1434 | 1.7    | SU        | 1422  | 1.8    |
| DI        |      |        | LU        | 2343  | 2.5    | ME        | 1749 | 0.8    | JE        |       |        | SA        | 1933 | 0.9    | DI        | 1911  | 1.0    |
| <b>11</b> | 0007 | 2.5    | <b>26</b> | 0824  | 0.8    | <b>11</b> | 0123 | 2.9    | <b>26</b> | 0036  | 2.8    | <b>11</b> | 0222 | 2.7    | <b>26</b> | 0139  | 2.8    |
|           | 0713 | 1.0    |           | 1311  | 1.1    |           | 0852 | 0.6    |           | 0831  | 0.5    |           | 0925 | 0.5    |           | 0847  | 0.3    |
| MO        | 1205 | 1.5    | TU        | 1619  | 1.1    | TH        | 1402 | 1.5    | FR        | 1401  | 1.4    | SU        | 1507 | 1.9    | MO        | 1458  | 2.1    |
| LU        | 1734 | 0.8    | MA        |       |        | JE        | 1852 | 0.8    | VE        | 1815  | 0.9    | DI        | 2020 | 0.8    | LU        | 2013  | 0.9    |
| <b>12</b> | 0059 | 2.8    | <b>27</b> | 0033  | 2.7    | <b>12</b> | 0208 | 3.0    | <b>27</b> | 0121  | 3.0    | <b>12</b> | 0254 | 2.7    | <b>27</b> | 0225  | 2.7    |
|           | 0813 | 0.7    |           | 0839  | 0.6    |           | 0925 | 0.5    |           | 0855  | 0.3    |           | 0939 | 0.5    |           | 0910  | 0.2    |
| TU        | 1314 | 1.5    | WE        | 1348  | 1.3    | FR        | 1443 | 1.6    | SA        | 1437  | 1.7    | MO        | 1538 | 2.1    | TU        | 1535  | 2.4    |
| MA        | 1828 | 0.7    | ME        | 1743  | 1.0    | VE        | 1944 | 0.7    | SA        | 1915  | 0.8    | LU        | 2059 | 0.8    | MA        | 2106  | 0.8    |
| <b>13</b> | 0146 | 3.0    | <b>28</b> | 0114  | 2.9    | <b>13</b> | 0247 | 3.0    | <b>28</b> | 0203  | 3.0    | <b>13</b> | 0323 | 2.6    | <b>28</b> | 0308  | 2.6    |
|           | 0859 | 0.6    |           | 0859  | 0.5    |           | 0952 | 0.5    |           | 0919  | 0.3    |           | 0949 | 0.5    |           | 0932  | 0.2    |
| WE        | 1405 | 1.6    | TH        | 1419  | 1.4    | SA        | 1520 | 1.8    | SU        | 1513  | 1.9    | TU        | 1608 | 2.3    | WE        | 1611  | 2.7    |
| ME        | 1916 | 0.6    | JE        | 1843  | 0.8    | SA        | 2027 | 0.7    | DI        | 2008  | 0.8    | MA        | 2136 | 0.8    | ME        | 2155  | 0.7    |
| <b>14</b> | 0228 | 3.1    | <b>29</b> | 0153  | 3.1    | <b>14</b> | 0321 | 3.0    | <b>29</b> | 0243  | 3.0    | <b>14</b> | 0350 | 2.4    | <b>29</b> | 0350  | 2.5    |
|           | 0937 | 0.5    |           | 0922  | 0.4    |           | 1014 | 0.5    |           | 0941  | 0.2    |           | 0959 | 0.5    |           | 0956  | 0.2    |
| TH        | 1448 | 1.7    | FR        | 1451  | 1.6    | SU        | 1554 | 1.9    | MO        | 1550  | 2.1    | WE        | 1637 | 2.4    | TH        | 1649  | 2.9    |
| JE        | 1959 | 0.5    | VE        | 1932  | 0.7    | DI        | 2105 | 0.7    | LU        | 2058  | 0.7    | ME        | 2213 | 0.9    | JE        | 2243  | 0.7    |
| <b>15</b> | 0308 | 3.1    | <b>30</b> | 0229  | 3.2    | <b>15</b> | 0352 | 2.9    | <b>30</b> | 0323  | 3.0    | <b>15</b> | 0416 | 2.3    | <b>30</b> | 0429  | 2.3    |
|           | 1010 | 0.5    |           | 0945  | 0.3    |           | 1031 | 0.6    |           | 1004  | 0.2    |           | 1011 | 0.5    |           | 1021  | 0.2    |
| FR        | 1527 | 1.7    | SA        | 1524  | 1.7    | MO        | 1626 | 2.0    | TU        | 1628  | 2.3    | TH        | 1705 | 2.6    | FR        | 1727  | 3.0    |
| VE        | 2039 | 0.5    | SA        | 2016  | 0.6    | LU        | 2140 | 0.7    | MA        | 2145  | 0.7    | JE        | 2253 | 1.0    | VE        | 2332  | 0.8    |
|           |      |        | <b>31</b> | 0306  | 3.3    |           |      |        | <b>31</b> | 0403  | 2.8    |           |      |        |           |       |        |
|           |      |        |           | 1009  | 0.3    |           |      |        |           | 1027  | 0.3    |           |      |        |           |       |        |
|           |      |        | SU        | 1600  | 1.9    |           |      |        | WE        | 1707  | 2.5    |           |      |        |           |       |        |
|           |      |        | DI        | 2059  | 0.6    |           |      |        | ME        | 2234  | 0.8    |           |      |        |           |       |        |

## October-octobre

## November-novembre

## December-décembre

| Day       | Time                 | Metres            | jour      | heure                | mètres            | Day       | Time                 | Metres            | jour      | heure                | mètres            | Day       | Time                 | Metres            | jour      | heure                | mètres            |
|-----------|----------------------|-------------------|-----------|----------------------|-------------------|-----------|----------------------|-------------------|-----------|----------------------|-------------------|-----------|----------------------|-------------------|-----------|----------------------|-------------------|
| <b>1</b>  | 0507<br>1048<br>1807 | 2.1<br>0.3<br>3.0 | <b>16</b> | 0459<br>1016<br>1739 | 1.7<br>0.5<br>3.0 | <b>1</b>  | 0128<br>0604<br>1125 | 1.0<br>1.6<br>0.5 | <b>16</b> | 0049<br>0603<br>1105 | 0.8<br>1.5<br>0.6 | <b>1</b>  | 0157<br>0638<br>1145 | 1.1<br>1.6<br>0.8 | <b>16</b> | 0049<br>0645<br>1139 | 0.7<br>1.7<br>0.9 |
| SA<br>SA  |                      |                   | SU<br>DI  |                      |                   | TU<br>MA  | 1907                 | 2.9               | WE<br>ME  | 1826                 | 3.1               | TH<br>JE  | 1916                 | 2.6               | FR<br>VE  | 1838                 | 2.8               |
| <b>2</b>  | 0029<br>0543<br>1117 | 0.9<br>1.9<br>0.4 | <b>17</b> | 0028<br>0532<br>1043 | 1.0<br>1.6<br>0.5 | <b>2</b>  | 0254<br>0646<br>1159 | 1.1<br>1.4<br>0.7 | <b>17</b> | 0145<br>0649<br>1143 | 0.9<br>1.5<br>0.7 | <b>2</b>  | 0306<br>0734<br>1226 | 1.1<br>1.5<br>1.0 | <b>17</b> | 0138<br>0749<br>1237 | 0.8<br>1.7<br>1.1 |
| SU<br>DI  | 1850                 | 3.0               | MO<br>LU  | 1814                 | 3.0               | WE<br>ME  | 1956                 | 2.7               | TH<br>JE  | 1907                 | 2.9               | FR<br>VE  | 1959                 | 2.3               | SA<br>SA  | 1924                 | 2.5               |
| <b>3</b>  | 0146<br>0620<br>1149 | 1.1<br>1.6<br>0.5 | <b>18</b> | 0132<br>0608<br>1115 | 1.0<br>1.4<br>0.6 | <b>3</b>  | 0426<br>0745<br>1241 | 1.1<br>1.3<br>1.0 | <b>18</b> | 0258<br>0756<br>1232 | 0.9<br>1.4<br>1.0 | <b>3</b>  | 0414<br>0915<br>1336 | 1.1<br>1.5<br>1.3 | <b>18</b> | 0241<br>0923<br>1419 | 0.8<br>1.8<br>1.3 |
| MO<br>LU  | 1938                 | 2.9               | TU<br>MA  | 1854                 | 3.0               | TH<br>JE  | 2058                 | 2.4               | FR<br>VE  | 1956                 | 2.7               | SA<br>SA  | 2053                 | 2.1               | SU<br>DI  | 2023                 | 2.1               |
| <b>4</b>  | 0327<br>0700<br>1224 | 1.2<br>1.4<br>0.7 | <b>19</b> | 0257<br>0652<br>1151 | 1.0<br>1.3<br>0.7 | <b>4</b>  | 0549<br>1029<br>1405 | 1.1<br>1.3<br>1.2 | <b>19</b> | 0414<br>1004<br>1358 | 0.9<br>1.4<br>1.2 | <b>4</b>  | 0511<br>1139<br>1608 | 1.1<br>1.6<br>1.4 | <b>19</b> | 0352<br>1104<br>1642 | 0.8<br>2.0<br>1.3 |
| TU<br>MA  | 2037                 | 2.7               | WE<br>ME  | 1940                 | 2.9               | FR<br>VE  | 2220                 | 2.3               | SA<br>SA  | 2102                 | 2.4               | SU<br>DI  | 2219                 | 1.8               | MO<br>LU  | 2157                 | 1.8               |
| <b>5</b>  | 0515<br>0801<br>1310 | 1.1<br>1.2<br>0.9 | <b>20</b> | 0423<br>0804<br>1236 | 1.0<br>1.2<br>0.9 | <b>5</b>  | 0646<br>1237<br>1624 | 1.0<br>1.5<br>1.3 | <b>20</b> | 0520<br>1154<br>1617 | 0.8<br>1.7<br>1.3 | <b>5</b>  | 0551<br>1242<br>1849 | 1.1<br>1.9<br>1.3 | <b>20</b> | 0457<br>1211<br>1837 | 0.8<br>2.3<br>1.1 |
| WE<br>ME  | 2155                 | 2.5               | TH<br>JE  | 2037                 | 2.7               | SA<br>SA  | 2341                 | 2.2               | SU<br>DI  | 2234                 | 2.2               | MO<br>LU  | 2356                 | 1.7               | TU<br>MA  | 2344                 | 1.7               |
| <b>6</b>  | 0646<br>1122<br>1449 | 1.0<br>1.2<br>1.1 | <b>21</b> | 0537<br>1055<br>1358 | 0.9<br>1.2<br>1.1 | <b>6</b>  | 0719<br>1322<br>1818 | 0.9<br>1.7<br>1.3 | <b>21</b> | 0611<br>1251<br>1818 | 0.7<br>2.0<br>1.2 | <b>6</b>  | 0619<br>1317<br>2011 | 1.0<br>2.1<br>1.1 | <b>21</b> | 0553<br>1301<br>1950 | 0.7<br>2.6<br>0.8 |
| TH<br>JE  | 2322                 | 2.5               | FR<br>VE  | 2151                 | 2.6               | SU<br>DI  |                      |                   | MO<br>LU  |                      |                   | TU<br>MA  |                      |                   | WE<br>ME  |                      |                   |
| <b>7</b>  | 0735<br>1302<br>1649 | 0.8<br>1.4<br>1.1 | <b>22</b> | 0632<br>1233<br>1608 | 0.7<br>1.4<br>1.2 | <b>7</b>  | 0039<br>0740<br>1353 | 2.1<br>0.8<br>2.0 | <b>22</b> | 0003<br>0652<br>1333 | 2.1<br>0.6<br>2.4 | <b>7</b>  | 0103<br>0642<br>1346 | 1.6<br>0.9<br>2.4 | <b>22</b> | 0058<br>0640<br>1345 | 1.7<br>0.6<br>2.9 |
| FR<br>VE  |                      |                   | SA<br>SA  | 2314                 | 2.5               | MO<br>LU  | 1941                 | 1.1               | TU<br>MA  | 1941                 | 1.0               | WE<br>ME  | 2054                 | 0.9               | TH<br>JE  | 2041                 | 0.6               |
| <b>8</b>  | 0028<br>0807<br>1345 | 2.5<br>0.7<br>1.6 | <b>23</b> | 0711<br>1322<br>1758 | 0.6<br>1.8<br>1.2 | <b>8</b>  | 0124<br>0752<br>1421 | 2.0<br>0.8<br>2.2 | <b>23</b> | 0109<br>0726<br>1412 | 2.0<br>0.5<br>2.7 | <b>8</b>  | 0152<br>0708<br>1414 | 1.6<br>0.9<br>2.7 | <b>23</b> | 0152<br>0721<br>1426 | 1.7<br>0.5<br>3.1 |
| SA<br>SA  | 1821                 | 1.1               | SU<br>DI  |                      |                   | TU<br>MA  | 2036                 | 1.0               | WE<br>ME  | 2037                 | 0.7               | TH<br>JE  | 2125                 | 0.7               | FR<br>VE  | 2123                 | 0.5               |
| <b>9</b>  | 0115<br>0830<br>1418 | 2.5<br>0.6<br>1.8 | <b>24</b> | 0024<br>0742<br>1401 | 2.4<br>0.5<br>2.1 | <b>9</b>  | 0202<br>0804<br>1448 | 1.9<br>0.7<br>2.5 | <b>24</b> | 0201<br>0758<br>1450 | 2.0<br>0.4<br>3.0 | <b>9</b>  | 0231<br>0736<br>1442 | 1.6<br>0.8<br>2.9 | <b>24</b> | 0236<br>0800<br>1506 | 1.7<br>0.4<br>3.2 |
| SU<br>DI  | 1929                 | 1.0               | MO<br>LU  | 1923                 | 1.0               | WE<br>ME  | 2117                 | 0.9               | TH<br>JE  | 2123                 | 0.6               | FR<br>VE  | 2152                 | 0.6               | SA<br>SA  | 2201                 | 0.5               |
| <b>10</b> | 0153<br>0845<br>1448 | 2.4<br>0.6<br>2.1 | <b>25</b> | 0122<br>0809<br>1438 | 2.4<br>0.4<br>2.4 | <b>10</b> | 0238<br>0819<br>1514 | 1.8<br>0.6<br>2.7 | <b>25</b> | 0246<br>0828<br>1528 | 2.0<br>0.3<br>3.2 | <b>10</b> | 0305<br>0806<br>1511 | 1.6<br>0.7<br>3.1 | <b>25</b> | 0317<br>0837<br>1545 | 1.8<br>0.4<br>3.3 |
| MO<br>LU  | 2020                 | 1.0               | TU<br>MA  | 2026                 | 0.8               | TH<br>JE  | 2153                 | 0.8               | FR<br>VE  | 2205                 | 0.5               | SA<br>SA  | 2217                 | 0.5               | SU<br>DI  | 2237                 | 0.5               |
| <b>11</b> | 0226<br>0855<br>1516 | 2.3<br>0.6<br>2.3 | <b>26</b> | 0212<br>0834<br>1514 | 2.3<br>0.3<br>2.8 | <b>11</b> | 0312<br>0838<br>1541 | 1.8<br>0.6<br>2.9 | <b>26</b> | 0326<br>0859<br>1606 | 1.9<br>0.3<br>3.3 | <b>11</b> | 0338<br>0838<br>1542 | 1.6<br>0.6<br>3.2 | <b>26</b> | 0355<br>0913<br>1623 | 1.8<br>0.4<br>3.3 |
| TU<br>MA  | 2103                 | 0.9               | WE<br>ME  | 2117                 | 0.7               | FR<br>VE  | 2225                 | 0.7               | SA<br>SA  | 2245                 | 0.6               | SU<br>DI  | 2242                 | 0.5               | MO<br>LU  | 2311                 | 0.6               |
| <b>12</b> | 0256<br>0904<br>1544 | 2.2<br>0.5<br>2.5 | <b>27</b> | 0256<br>0859<br>1550 | 2.3<br>0.3<br>3.0 | <b>12</b> | 0346<br>0902<br>1610 | 1.7<br>0.5<br>3.1 | <b>27</b> | 0404<br>0930<br>1644 | 1.9<br>0.3<br>3.3 | <b>12</b> | 0409<br>0911<br>1614 | 1.7<br>0.5<br>3.3 | <b>27</b> | 0433<br>0948<br>1659 | 1.8<br>0.4<br>3.1 |
| WE<br>ME  | 2142                 | 0.9               | TH<br>JE  | 2203                 | 0.6               | SA<br>SA  | 2257                 | 0.7               | SU<br>DI  | 2325                 | 0.7               | MO<br>LU  | 2308                 | 0.5               | TU<br>MA  | 2344                 | 0.7               |
| <b>13</b> | 0326<br>0917<br>1610 | 2.1<br>0.5<br>2.7 | <b>28</b> | 0337<br>0926<br>1627 | 2.2<br>0.2<br>3.2 | <b>13</b> | 0419<br>0929<br>1641 | 1.7<br>0.5<br>3.2 | <b>28</b> | 0440<br>1002<br>1722 | 1.8<br>0.3<br>3.2 | <b>13</b> | 0442<br>0944<br>1648 | 1.7<br>0.5<br>3.3 | <b>28</b> | 0510<br>1023<br>1734 | 1.8<br>0.5<br>3.0 |
| TH<br>JE  | 2220                 | 0.9               | FR<br>VE  | 2246                 | 0.6               | SU<br>DI  | 2329                 | 0.7               | MO<br>LU  |                      |                   | TU<br>MA  | 2337                 | 0.6               | WE<br>ME  |                      |                   |
| <b>14</b> | 0356<br>0933<br>1638 | 1.9<br>0.5<br>2.9 | <b>29</b> | 0416<br>0953<br>1705 | 2.1<br>0.2<br>3.2 | <b>14</b> | 0451<br>0958<br>1713 | 1.6<br>0.5<br>3.2 | <b>29</b> | 0008<br>0517<br>1035 | 0.8<br>1.7<br>0.4 | <b>14</b> | 0517<br>1019<br>1723 | 1.7<br>0.5<br>3.2 | <b>29</b> | 0015<br>0549<br>1058 | 0.8<br>1.8<br>0.7 |
| FR<br>VE  | 2259                 | 0.9               | SA<br>SA  | 2331                 | 0.7               | MO<br>LU  |                      |                   | TU<br>MA  | 1759                 | 3.1               | WE<br>ME  |                      |                   | TH<br>JE  | 1806                 | 2.8               |
| <b>15</b> | 0427<br>0953<br>1707 | 1.8<br>0.5<br>3.0 | <b>30</b> | 0452<br>1022<br>1744 | 1.9<br>0.3<br>3.2 | <b>15</b> | 0006<br>0525<br>1030 | 0.8<br>1.6<br>0.5 | <b>30</b> | 0057<br>0556<br>1109 | 0.9<br>1.7<br>0.6 | <b>15</b> | 0010<br>0557<br>1056 | 0.6<br>1.7<br>0.7 | <b>30</b> | 0045<br>0629<br>1134 | 0.9<br>1.8<br>0.9 |
| SA<br>SA  | 2340                 | 0.9               | SU<br>DI  |                      |                   | TU<br>MA  | 1748                 | 3.2               | WE<br>ME  | 1838                 | 2.9               | TH<br>JE  | 1759                 | 3.1               | FR<br>VE  | 1836                 | 2.5               |
|           |                      |                   | <b>31</b> | 0022<br>0528<br>1053 | 0.9<br>1.8<br>0.4 |           |                      |                   |           |                      |                   |           |                      |                   | <b>31</b> | 0116<br>0716<br>1216 | 1.0<br>1.8<br>1.2 |
|           |                      |                   | MO<br>LU  | 1824                 | 3.1               |           |                      |                   |           |                      |                   |           |                      |                   | SA<br>SA  | 1905                 | 2.2               |

## January-janvier

## February-février

## March-mars

| Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   |
|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|
| <b>1</b>  | 0148<br>0819<br>1324<br>1933 | 1.1<br>1.8<br>1.4<br>1.9 | <b>16</b> | 0126<br>0846<br>1447<br>1954 | 0.7<br>2.2<br>1.3<br>1.9 | <b>1</b>  | 0043<br>0955                 | 1.0<br>2.2               | <b>16</b> | 0224<br>1042<br>1839<br>2256 | 0.8<br>2.7<br>1.0<br>1.2 | <b>1</b>  | 0837                         | 2.5                      | <b>16</b> | 0128<br>0957<br>1825<br>2223 | 0.8<br>2.7<br>1.0<br>1.1 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>2</b>  | 0225<br>0958<br>1624<br>2007 | 1.1<br>1.8<br>1.5<br>1.6 | <b>17</b> | 0225<br>1010<br>1659<br>2120 | 0.8<br>2.3<br>1.2<br>1.6 | <b>2</b>  | 0059<br>1116<br>2024         | 1.0<br>2.4<br>0.9        | <b>17</b> | 0348<br>1155<br>1945         | 0.9<br>2.8<br>0.8        | <b>2</b>  | 0018<br>0956<br>1947         | 0.9<br>2.5<br>0.9        | <b>17</b> | 0252<br>1120<br>1931         | 0.9<br>2.7<br>0.8        |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>3</b>  | 0313<br>1132<br>1956<br>2255 | 1.1<br>2.0<br>1.3<br>1.3 | <b>18</b> | 0337<br>1127<br>1843<br>2323 | 0.8<br>2.5<br>1.0<br>1.4 | <b>3</b>  | 0123<br>0321<br>1213<br>2034 | 1.1<br>1.1<br>2.6<br>0.7 | <b>18</b> | 0042<br>0511<br>1254<br>2030 | 1.3<br>0.9<br>2.9<br>0.6 | <b>3</b>  | 1114<br>1959                 | 2.6<br>0.7               | <b>18</b> | 0037<br>0437<br>1229<br>2012 | 1.3<br>1.0<br>2.7<br>0.6 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>4</b>  | 0415<br>1226<br>2031         | 1.1<br>2.3<br>1.0        | <b>19</b> | 0449<br>1228<br>1950         | 0.8<br>2.8<br>0.8        | <b>4</b>  | 0145<br>0514<br>1257<br>2051 | 1.2<br>1.1<br>2.8<br>0.5 | <b>19</b> | 0141<br>0623<br>1343<br>2105 | 1.4<br>0.8<br>2.9<br>0.5 | <b>4</b>  | 0122<br>0423<br>1212<br>2018 | 1.2<br>1.1<br>2.7<br>0.6 | <b>19</b> | 0135<br>0606<br>1321<br>2043 | 1.5<br>1.0<br>2.7<br>0.6 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>5</b>  | 0102<br>0516<br>1303<br>2054 | 1.3<br>1.1<br>2.5<br>0.8 | <b>20</b> | 0048<br>0553<br>1319<br>2038 | 1.4<br>0.7<br>2.9<br>0.6 | <b>5</b>  | 0211<br>0621<br>1335<br>2111 | 1.4<br>0.9<br>2.9<br>0.4 | <b>20</b> | 0225<br>0723<br>1426<br>2135 | 1.6<br>0.7<br>3.0<br>0.5 | <b>5</b>  | 0151<br>0550<br>1259<br>2039 | 1.4<br>1.0<br>2.8<br>0.4 | <b>20</b> | 0216<br>0716<br>1403<br>2107 | 1.7<br>0.9<br>2.7<br>0.5 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>6</b>  | 0152<br>0610<br>1337<br>2115 | 1.3<br>1.0<br>2.7<br>0.6 | <b>21</b> | 0145<br>0649<br>1404<br>2118 | 1.5<br>0.6<br>3.1<br>0.5 | <b>6</b>  | 0240<br>0715<br>1411<br>2131 | 1.5<br>0.8<br>3.0<br>0.4 | <b>21</b> | 0304<br>0813<br>1504<br>2159 | 1.8<br>0.7<br>2.9<br>0.5 | <b>6</b>  | 0223<br>0656<br>1342<br>2059 | 1.6<br>0.9<br>2.9<br>0.3 | <b>21</b> | 0252<br>0809<br>1439<br>2126 | 1.9<br>0.8<br>2.7<br>0.5 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>7</b>  | 0225<br>0657<br>1409<br>2136 | 1.4<br>0.9<br>2.9<br>0.5 | <b>22</b> | 0230<br>0738<br>1446<br>2152 | 1.6<br>0.6<br>3.2<br>0.5 | <b>7</b>  | 0311<br>0801<br>1447<br>2151 | 1.7<br>0.7<br>3.1<br>0.3 | <b>22</b> | 0340<br>0855<br>1538<br>2217 | 2.0<br>0.7<br>2.9<br>0.5 | <b>7</b>  | 0257<br>0753<br>1422<br>2120 | 1.9<br>0.9<br>2.9<br>0.3 | <b>22</b> | 0325<br>0853<br>1511<br>2139 | 2.1<br>0.8<br>2.6<br>0.5 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>8</b>  | 0255<br>0739<br>1442<br>2157 | 1.5<br>0.7<br>3.1<br>0.4 | <b>23</b> | 0311<br>0822<br>1525<br>2223 | 1.7<br>0.5<br>3.2<br>0.5 | <b>8</b>  | 0345<br>0845<br>1523<br>2213 | 1.9<br>0.7<br>3.1<br>0.3 | <b>23</b> | 0414<br>0933<br>1608<br>2232 | 2.1<br>0.7<br>2.7<br>0.5 | <b>8</b>  | 0332<br>0843<br>1502<br>2142 | 2.1<br>0.8<br>2.8<br>0.2 | <b>23</b> | 0356<br>0931<br>1541<br>2150 | 2.3<br>0.8<br>2.4<br>0.5 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>9</b>  | 0326<br>0818<br>1515<br>2219 | 1.6<br>0.6<br>3.2<br>0.4 | <b>24</b> | 0349<br>0901<br>1602<br>2249 | 1.8<br>0.5<br>3.1<br>0.5 | <b>9</b>  | 0422<br>0928<br>1559<br>2236 | 2.1<br>0.7<br>3.0<br>0.3 | <b>24</b> | 0447<br>1009<br>1636<br>2245 | 2.2<br>0.8<br>2.6<br>0.6 | <b>9</b>  | 0409<br>0931<br>1542<br>2204 | 2.4<br>0.7<br>2.7<br>0.2 | <b>24</b> | 0426<br>1009<br>1609<br>2202 | 2.5<br>0.9<br>2.3<br>0.5 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>10</b> | 0357<br>0855<br>1548<br>2242 | 1.7<br>0.6<br>3.3<br>0.4 | <b>25</b> | 0426<br>0939<br>1635<br>2311 | 1.9<br>0.6<br>3.0<br>0.6 | <b>10</b> | 0500<br>1012<br>1638<br>2301 | 2.2<br>0.7<br>2.9<br>0.3 | <b>25</b> | 0519<br>1045<br>1701<br>2258 | 2.3<br>0.9<br>2.3<br>0.6 | <b>10</b> | 0446<br>1019<br>1622<br>2229 | 2.6<br>0.8<br>2.6<br>0.3 | <b>25</b> | 0455<br>1046<br>1636<br>2217 | 2.6<br>0.9<br>2.1<br>0.5 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>11</b> | 0432<br>0933<br>1623<br>2307 | 1.8<br>0.6<br>3.2<br>0.4 | <b>26</b> | 0502<br>1014<br>1705<br>2329 | 2.0<br>0.7<br>2.8<br>0.7 | <b>11</b> | 0541<br>1059<br>1716<br>2328 | 2.4<br>0.9<br>2.6<br>0.4 | <b>26</b> | 0550<br>1125<br>1725<br>2311 | 2.4<br>1.1<br>2.1<br>0.7 | <b>11</b> | 0525<br>1109<br>1702<br>2257 | 2.8<br>0.8<br>2.4<br>0.3 | <b>26</b> | 0523<br>1128<br>1702<br>2233 | 2.7<br>1.0<br>1.9<br>0.6 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>12</b> | 0509<br>1012<br>1658<br>2334 | 1.9<br>0.6<br>3.1<br>0.5 | <b>27</b> | 0537<br>1050<br>1733<br>2346 | 2.0<br>0.8<br>2.6<br>0.8 | <b>12</b> | 0625<br>1156<br>1757<br>2359 | 2.5<br>1.0<br>2.3<br>0.5 | <b>27</b> | 0623<br>1214<br>1747<br>2325 | 2.5<br>1.2<br>1.8<br>0.7 | <b>12</b> | 0606<br>1205<br>1742<br>2326 | 2.9<br>0.9<br>2.1<br>0.4 | <b>27</b> | 0553<br>1218<br>1729<br>2252 | 2.8<br>1.1<br>1.7<br>0.6 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>13</b> | 0551<br>1054<br>1735         | 2.0<br>0.8<br>2.9        | <b>28</b> | 0613<br>1127<br>1758         | 2.1<br>1.0<br>2.3        | <b>13</b> | 0714<br>1311<br>1840         | 2.5<br>1.1<br>2.0        | <b>28</b> | 0658<br>1340<br>1806<br>2341 | 2.5<br>1.3<br>1.6<br>0.7 | <b>13</b> | 0650<br>1318<br>1822<br>2359 | 2.9<br>1.0<br>1.8<br>0.5 | <b>28</b> | 0626<br>1333<br>1758<br>2315 | 2.8<br>1.2<br>1.5<br>0.6 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>14</b> | 0005<br>0638<br>1144<br>1815 | 0.5<br>2.0<br>1.0<br>2.6 | <b>29</b> | 0002<br>0652<br>1212<br>1820 | 0.8<br>2.1<br>1.2<br>2.0 | <b>14</b> | 0036<br>0811<br>1502<br>1929 | 0.6<br>2.6<br>1.2<br>1.7 | <b>29</b> | 0741<br>1650<br>1813<br>2358 | 2.5<br>1.3<br>1.3<br>0.8 | <b>14</b> | 0739<br>1458<br>1905         | 2.9<br>1.1<br>1.5        | <b>29</b> | 0704<br>1532<br>1830<br>2342 | 2.8<br>1.2<br>1.3<br>0.7 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>15</b> | 0042<br>0735<br>1253<br>1859 | 0.6<br>2.1<br>1.2<br>2.3 | <b>30</b> | 0016<br>0735<br>1327<br>1837 | 0.9<br>2.1<br>1.4<br>1.7 | <b>15</b> | 0121<br>0921<br>1659<br>2040 | 0.7<br>2.6<br>1.1<br>1.4 |           |                              |                          | <b>15</b> | 0037<br>0840<br>1646<br>2004 | 0.6<br>2.8<br>1.1<br>1.3 | <b>30</b> | 0750<br>1716<br>1925         | 2.7<br>1.1<br>1.1        |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          |           |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
|           |                              |                          | <b>31</b> | 0030<br>0833                 | 0.9<br>2.2               |           |                              |                          |           |                              |                          |           |                              |                          | <b>31</b> | 0016<br>0850<br>1828<br>2307 | 0.9<br>2.6<br>0.9<br>1.1 |
|           |                              |                          | TU<br>MA  |                              |                          |           |                              |                          |           |                              |                          |           |                              |                          | SA<br>SA  |                              |                          |

## April-avril

## May-mai

## June-juin

| Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   | Day       | Time                         | Metres                   | jour      | heure                        | mètres                   |
|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|------------------------------|--------------------------|
| <b>1</b>  | 0120<br>1007<br>1906         | 1.0<br>2.6<br>0.8        | <b>16</b> | 0024<br>0411<br>1156<br>1941 | 1.3<br>1.1<br>2.4<br>0.8 | <b>1</b>  | 0001<br>0326<br>1029<br>1837 | 1.4<br>1.3<br>2.4<br>0.7 | <b>16</b> | 0056<br>0558<br>1218<br>1918 | 1.7<br>1.3<br>2.0<br>0.8 | <b>1</b>  | 0107<br>0721<br>1241<br>1854 | 2.4<br>1.0<br>1.9<br>0.6 | <b>16</b> | 0133<br>0846<br>1344<br>1855 | 2.4<br>0.9<br>1.6<br>0.9 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>2</b>  | 0045<br>0343<br>1123<br>1935 | 1.3<br>1.2<br>2.6<br>0.6 | <b>17</b> | 0121<br>0557<br>1253<br>2009 | 1.6<br>1.1<br>2.4<br>0.7 | <b>2</b>  | 0058<br>0529<br>1150<br>1911 | 1.7<br>1.3<br>2.3<br>0.6 | <b>17</b> | 0135<br>0732<br>1311<br>1938 | 2.0<br>1.2<br>2.0<br>0.8 | <b>2</b>  | 0148<br>0821<br>1339<br>1931 | 2.7<br>0.8<br>1.9<br>0.5 | <b>17</b> | 0202<br>0919<br>1424<br>1925 | 2.6<br>0.8<br>1.6<br>0.8 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>3</b>  | 0127<br>0530<br>1224<br>1959 | 1.5<br>1.2<br>2.6<br>0.5 | <b>18</b> | 0200<br>0717<br>1337<br>2030 | 1.8<br>1.1<br>2.4<br>0.6 | <b>3</b>  | 0139<br>0703<br>1255<br>1941 | 2.1<br>1.1<br>2.2<br>0.5 | <b>18</b> | 0207<br>0830<br>1353<br>1953 | 2.3<br>1.0<br>1.9<br>0.7 | <b>3</b>  | 0227<br>0907<br>1427<br>2005 | 3.0<br>0.6<br>1.9<br>0.4 | <b>18</b> | 0231<br>0945<br>1458<br>1955 | 2.8<br>0.6<br>1.6<br>0.7 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>4</b>  | 0204<br>0651<br>1315<br>2023 | 1.8<br>1.1<br>2.6<br>0.4 | <b>19</b> | 0233<br>0814<br>1414<br>2044 | 2.1<br>1.0<br>2.3<br>0.6 | <b>4</b>  | 0216<br>0811<br>1349<br>2009 | 2.4<br>0.9<br>2.2<br>0.4 | <b>19</b> | 0236<br>0912<br>1431<br>2010 | 2.5<br>0.9<br>1.8<br>0.7 | <b>4</b>  | 0305<br>0948<br>1509<br>2039 | 3.2<br>0.5<br>1.9<br>0.3 | <b>19</b> | 0259<br>1009<br>1529<br>2027 | 3.0<br>0.6<br>1.6<br>0.6 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>5</b>  | 0239<br>0757<br>1402<br>2046 | 2.1<br>0.9<br>2.6<br>0.3 | <b>20</b> | 0304<br>0859<br>1447<br>2055 | 2.3<br>0.9<br>2.2<br>0.6 | <b>5</b>  | 0252<br>0903<br>1436<br>2037 | 2.7<br>0.7<br>2.2<br>0.3 | <b>20</b> | 0303<br>0947<br>1505<br>2029 | 2.7<br>0.8<br>1.8<br>0.6 | <b>5</b>  | 0344<br>1027<br>1548<br>2112 | 3.3<br>0.5<br>1.9<br>0.3 | <b>20</b> | 0329<br>1031<br>1559<br>2059 | 3.1<br>0.5<br>1.7<br>0.6 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>6</b>  | 0315<br>0852<br>1447<br>2109 | 2.4<br>0.8<br>2.5<br>0.2 | <b>21</b> | 0332<br>0938<br>1519<br>2108 | 2.5<br>0.8<br>2.1<br>0.5 | <b>6</b>  | 0328<br>0948<br>1519<br>2105 | 3.0<br>0.6<br>2.1<br>0.2 | <b>21</b> | 0330<br>1018<br>1538<br>2053 | 2.9<br>0.7<br>1.7<br>0.6 | <b>6</b>  | 0422<br>1106<br>1626<br>2146 | 3.4<br>0.6<br>1.8<br>0.3 | <b>21</b> | 0359<br>1054<br>1630<br>2132 | 3.2<br>0.5<br>1.7<br>0.5 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>7</b>  | 0351<br>0940<br>1529<br>2134 | 2.7<br>0.7<br>2.4<br>0.2 | <b>22</b> | 0359<br>1014<br>1549<br>2124 | 2.7<br>0.8<br>1.9<br>0.5 | <b>7</b>  | 0405<br>1030<br>1559<br>2134 | 3.2<br>0.6<br>2.0<br>0.2 | <b>22</b> | 0358<br>1047<br>1610<br>2118 | 3.0<br>0.7<br>1.7<br>0.5 | <b>7</b>  | 0501<br>1146<br>1704<br>2221 | 3.3<br>0.7<br>1.8<br>0.4 | <b>22</b> | 0431<br>1118<br>1704<br>2206 | 3.2<br>0.6<br>1.8<br>0.6 |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>8</b>  | 0427<br>1027<br>1610<br>2200 | 2.9<br>0.7<br>2.3<br>0.2 | <b>23</b> | 0427<br>1050<br>1620<br>2144 | 2.9<br>0.8<br>1.8<br>0.5 | <b>8</b>  | 0443<br>1113<br>1636<br>2205 | 3.3<br>0.6<br>1.9<br>0.2 | <b>23</b> | 0427<br>1116<br>1641<br>2147 | 3.1<br>0.7<br>1.7<br>0.5 | <b>8</b>  | 0540<br>1229<br>1743<br>2257 | 3.2<br>0.8<br>1.7<br>0.5 | <b>23</b> | 0504<br>1145<br>1741<br>2242 | 3.2<br>0.6<br>1.8<br>0.7 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
| <b>9</b>  | 0505<br>1114<br>1649<br>2229 | 3.1<br>0.7<br>2.1<br>0.3 | <b>24</b> | 0455<br>1128<br>1650<br>2206 | 3.0<br>0.9<br>1.7<br>0.5 | <b>9</b>  | 0522<br>1159<br>1714<br>2237 | 3.3<br>0.7<br>1.8<br>0.3 | <b>24</b> | 0458<br>1147<br>1713<br>2217 | 3.2<br>0.8<br>1.6<br>0.5 | <b>9</b>  | 0618<br>1319<br>1826<br>2335 | 3.0<br>1.0<br>1.7<br>0.8 | <b>24</b> | 0538<br>1216<br>1824<br>2324 | 3.0<br>0.7<br>1.8<br>0.9 |
| MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          |
| <b>10</b> | 0544<br>1207<br>1727<br>2259 | 3.2<br>0.8<br>1.9<br>0.3 | <b>25</b> | 0525<br>1209<br>1721<br>2232 | 3.0<br>0.9<br>1.6<br>0.5 | <b>10</b> | 0602<br>1255<br>1752<br>2311 | 3.2<br>0.9<br>1.7<br>0.5 | <b>25</b> | 0530<br>1222<br>1748<br>2250 | 3.1<br>0.8<br>1.6<br>0.6 | <b>10</b> | 0657<br>1419<br>1919<br>2116 | 2.7<br>1.1<br>1.6<br>1.6 | <b>25</b> | 0614<br>1254<br>1919<br>2118 | 2.8<br>0.7<br>1.8<br>1.8 |
| TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          |
| <b>11</b> | 0625<br>1312<br>1805<br>2331 | 3.1<br>1.0<br>1.7<br>0.4 | <b>26</b> | 0557<br>1300<br>1754<br>2301 | 3.0<br>1.0<br>1.5<br>0.6 | <b>11</b> | 0644<br>1407<br>1833<br>2347 | 3.0<br>1.0<br>1.5<br>0.6 | <b>26</b> | 0605<br>1304<br>1830<br>2327 | 3.0<br>0.9<br>1.5<br>0.8 | <b>11</b> | 0018<br>0738<br>1524<br>2037 | 1.0<br>2.4<br>1.1<br>1.6 | <b>26</b> | 0016<br>0655<br>1342<br>2033 | 1.1<br>2.5<br>0.8<br>1.9 |
| WE<br>ME  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          |
| <b>12</b> | 0711<br>1439<br>1846         | 3.0<br>1.1<br>1.5        | <b>27</b> | 0633<br>1411<br>1833<br>2334 | 3.0<br>1.0<br>1.4<br>0.7 | <b>12</b> | 0730<br>1532<br>1928         | 2.8<br>1.1<br>1.4        | <b>27</b> | 0642<br>1359<br>1926         | 2.9<br>0.9<br>1.5        | <b>12</b> | 0125<br>0827<br>1625<br>2243 | 1.2<br>2.1<br>1.1<br>1.7 | <b>27</b> | 0140<br>0744<br>1445<br>2212 | 1.3<br>2.2<br>0.8<br>2.0 |
| TH<br>JE  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          |
| <b>13</b> | 0007<br>0803<br>1618<br>1939 | 0.6<br>2.8<br>1.1<br>1.3 | <b>28</b> | 0714<br>1535<br>1930         | 2.8<br>1.0<br>1.3        | <b>13</b> | 0030<br>0824<br>1654<br>2114 | 0.9<br>2.5<br>1.1<br>1.3 | <b>28</b> | 0012<br>0725<br>1510<br>2101 | 1.0<br>2.7<br>0.9<br>1.5 | <b>13</b> | 0341<br>0942<br>1716         | 1.4<br>1.8<br>1.1        | <b>28</b> | 0400<br>0859<br>1558<br>2333 | 1.4<br>1.8<br>0.8<br>2.3 |
| FR<br>VE  |                              |                          | SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | WE<br>ME  |                              |                          | TH<br>JE  |                              |                          |
| <b>14</b> | 0051<br>0911<br>1753<br>2149 | 0.8<br>2.6<br>1.0<br>1.2 | <b>29</b> | 0014<br>0803<br>1652<br>2139 | 0.9<br>2.7<br>1.0<br>1.2 | <b>14</b> | 0141<br>0937<br>1802<br>2350 | 1.1<br>2.3<br>1.0<br>1.5 | <b>29</b> | 0123<br>0819<br>1621<br>2308 | 1.2<br>2.4<br>0.9<br>1.7 | <b>14</b> | 0013<br>0625<br>1131<br>1755 | 1.9<br>1.4<br>1.7<br>1.0 | <b>29</b> | 0607<br>1057<br>1706         | 1.2<br>1.6<br>0.8        |
| SA<br>SA  |                              |                          | SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | TH<br>JE  |                              |                          | FR<br>VE  |                              |                          |
| <b>15</b> | 0208<br>1037<br>1859         | 1.0<br>2.5<br>0.9        | <b>30</b> | 0118<br>0906<br>1752         | 1.1<br>2.5<br>0.8        | <b>15</b> | 0352<br>1106<br>1848         | 1.3<br>2.1<br>0.9        | <b>30</b> | 0335<br>0939<br>1723         | 1.4<br>2.1<br>0.8        | <b>15</b> | 0059<br>0759<br>1251<br>1826 | 2.1<br>1.1<br>1.6<br>1.0 | <b>30</b> | 0031<br>0728<br>1229<br>1804 | 2.6<br>0.9<br>1.6<br>0.7 |
| SU<br>DI  |                              |                          | MO<br>LU  |                              |                          | TU<br>MA  |                              |                          | WE<br>ME  |                              |                          | FR<br>VE  |                              |                          | SA<br>SA  |                              |                          |
|           |                              |                          |           |                              |                          |           |                              |                          | <b>31</b> | 0020<br>0548<br>1122<br>1813 | 2.0<br>1.3<br>1.9<br>0.7 |           |                              |                          |           |                              |                          |
|           |                              |                          |           |                              |                          |           |                              |                          | TH<br>JE  |                              |                          |           |                              |                          |           |                              |                          |

## July-juillet

## August-août

## September-septembre

| Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     | Day       | Time         | Metres     | jour      | heure        | mètres     |
|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|
| <b>1</b>  | 0118<br>0822 | 2.9<br>0.7 | <b>16</b> | 0124<br>0909 | 2.6<br>0.6 | <b>1</b>  | 0222<br>0933 | 3.2<br>0.4 | <b>16</b> | 0155<br>0918 | 2.9<br>0.4 | <b>1</b>  | 0321<br>1002 | 2.9<br>0.4 | <b>16</b> | 0242<br>0921 | 2.7<br>0.3 |
| SU        | 1330         | 1.6        | MO        | 1420         | 1.4        | WE        | 1454         | 1.7        | TH        | 1500         | 1.7        | SA        | 1600         | 2.1        | SU        | 1551         | 2.4        |
| DI        | 1853         | 0.6        | LU        | 1842         | 0.9        | ME        | 2002         | 0.5        | JE        | 1947         | 0.8        | SA        | 2123         | 0.7        | DI        | 2118         | 0.8        |
| <b>2</b>  | 0202<br>0905 | 3.1<br>0.5 | <b>17</b> | 0156<br>0929 | 2.8<br>0.5 | <b>2</b>  | 0304<br>1004 | 3.2<br>0.4 | <b>17</b> | 0230<br>0935 | 3.0<br>0.4 | <b>2</b>  | 0354<br>1019 | 2.7<br>0.5 | <b>17</b> | 0322<br>0943 | 2.6<br>0.2 |
| MO        | 1418         | 1.7        | TU        | 1448         | 1.5        | TH        | 1533         | 1.8        | FR        | 1532         | 1.9        | SU        | 1635         | 2.3        | MO        | 1627         | 2.6        |
| LU        | 1936         | 0.5        | MA        | 1925         | 0.8        | JE        | 2046         | 0.5        | VE        | 2032         | 0.7        | DI        | 2201         | 0.8        | LU        | 2204         | 0.8        |
| <b>3</b>  | 0243<br>0943 | 3.2<br>0.4 | <b>18</b> | 0228<br>0947 | 3.0<br>0.5 | <b>3</b>  | 0342<br>1032 | 3.1<br>0.5 | <b>18</b> | 0305<br>0954 | 3.0<br>0.3 | <b>3</b>  | 0424<br>1034 | 2.6<br>0.5 | <b>18</b> | 0402<br>1007 | 2.5<br>0.2 |
| TU        | 1500         | 1.7        | WE        | 1516         | 1.6        | FR        | 1612         | 2.0        | SA        | 1606         | 2.1        | MO        | 1708         | 2.4        | TU        | 1704         | 2.8        |
| MA        | 2017         | 0.4        | ME        | 2005         | 0.7        | VE        | 2126         | 0.5        | SA        | 2114         | 0.7        | LU        | 2239         | 0.9        | MA        | 2252         | 0.8        |
| <b>4</b>  | 0323<br>1019 | 3.3<br>0.4 | <b>19</b> | 0259<br>1006 | 3.1<br>0.4 | <b>4</b>  | 0418<br>1055 | 3.0<br>0.5 | <b>19</b> | 0340<br>1014 | 2.9<br>0.3 | <b>4</b>  | 0452<br>1049 | 2.4<br>0.6 | <b>19</b> | 0442<br>1035 | 2.3<br>0.3 |
| WE        | 1540         | 1.8        | TH        | 1546         | 1.7        | SA        | 1649         | 2.1        | SU        | 1642         | 2.3        | TU        | 1740         | 2.5        | WE        | 1743         | 2.9        |
| ME        | 2056         | 0.4        | JE        | 2043         | 0.6        | SA        | 2204         | 0.6        | DI        | 2158         | 0.8        | MA        | 2319         | 1.0        | ME        | 2344         | 0.9        |
| <b>5</b>  | 0402<br>1053 | 3.3<br>0.5 | <b>20</b> | 0332<br>1025 | 3.1<br>0.4 | <b>5</b>  | 0451<br>1115 | 2.8<br>0.6 | <b>20</b> | 0417<br>1038 | 2.8<br>0.3 | <b>5</b>  | 0519<br>1104 | 2.1<br>0.6 | <b>20</b> | 0522<br>1104 | 2.1<br>0.3 |
| TH        | 1619         | 1.8        | FR        | 1619         | 1.9        | SU        | 1726         | 2.1        | MO        | 1721         | 2.4        | WE        | 1812         | 2.5        | TH        | 1824         | 3.0        |
| JE        | 2133         | 0.4        | VE        | 2120         | 0.6        | DI        | 2242         | 0.8        | LU        | 2244         | 0.8        | ME        |              |            | JE        |              |            |
| <b>6</b>  | 0440<br>1124 | 3.2<br>0.6 | <b>21</b> | 0404<br>1047 | 3.1<br>0.4 | <b>6</b>  | 0521<br>1133 | 2.6<br>0.7 | <b>21</b> | 0455<br>1104 | 2.6<br>0.3 | <b>6</b>  | 0005<br>0543 | 1.2<br>1.9 | <b>21</b> | 0048<br>0602 | 1.0<br>1.9 |
| FR        | 1657         | 1.9        | SA        | 1654         | 2.0        | MO        | 1802         | 2.2        | TU        | 1802         | 2.6        | TH        | 1119         | 0.7        | FR        | 1137         | 0.4        |
| VE        | 2211         | 0.5        | SA        | 2158         | 0.7        | LU        | 2321         | 1.0        | MA        | 2336         | 1.0        | JE        | 1846         | 2.5        | VE        | 1910         | 3.0        |
| <b>7</b>  | 0516<br>1155 | 3.0<br>0.7 | <b>22</b> | 0438<br>1110 | 3.0<br>0.4 | <b>7</b>  | 0549<br>1151 | 2.4<br>0.8 | <b>22</b> | 0535<br>1133 | 2.3<br>0.4 | <b>7</b>  | 0114<br>0605 | 1.3<br>1.6 | <b>22</b> | 0214<br>0645 | 1.1<br>1.6 |
| SA        | 1737         | 1.9        | SU        | 1733         | 2.1        | TU        | 1840         | 2.2        | WE        | 1847         | 2.6        | FR        | 1134         | 0.7        | SA        | 1213         | 0.6        |
| SA        | 2248         | 0.7        | DI        | 2240         | 0.8        | MA        |              |            | ME        |              |            | VE        | 1924         | 2.5        | SA        | 2004         | 2.9        |
| <b>8</b>  | 0550<br>1224 | 2.8<br>0.8 | <b>23</b> | 0514<br>1137 | 2.9<br>0.5 | <b>8</b>  | 0006<br>0614 | 1.2<br>2.1 | <b>23</b> | 0042<br>0616 | 1.1<br>2.0 | <b>8</b>  | 0354<br>0620 | 1.3<br>1.4 | <b>23</b> | 0356<br>0738 | 1.1<br>1.4 |
| SU        | 1818         | 1.9        | MO        | 1816         | 2.2        | WE        | 1208         | 0.8        | TH        | 1207         | 0.5        | SA        | 1149         | 0.8        | SU        | 1258         | 0.7        |
| DI        | 2327         | 0.9        | LU        | 2327         | 0.9        | ME        | 1922         | 2.2        | JE        | 1938         | 2.7        | SA        | 2012         | 2.5        | DI        | 2111         | 2.8        |
| <b>9</b>  | 0623<br>1253 | 2.6<br>0.9 | <b>24</b> | 0551<br>1208 | 2.6<br>0.6 | <b>9</b>  | 0113<br>0635 | 1.4<br>1.8 | <b>24</b> | 0219<br>0703 | 1.2<br>1.7 | <b>9</b>  | 1204<br>2120 | 0.9<br>2.4 | <b>24</b> | 0535<br>0913 | 1.0<br>1.2 |
| MO        | 1904         | 1.9        | TU        | 1906         | 2.2        | TH        | 1222         | 0.9        | FR        | 1247         | 0.6        | SU        |              |            | MO        | 1407         | 0.9        |
| LU        |              |            | MA        |              |            | JE        | 2011         | 2.2        | VE        | 2039         | 2.7        | DI        |              |            | LU        | 2234         | 2.7        |
| <b>10</b> | 0011<br>0653 | 1.1<br>2.3 | <b>25</b> | 0029<br>0632 | 1.1<br>2.3 | <b>10</b> | 0413<br>0646 | 1.4<br>1.5 | <b>25</b> | 0413<br>0802 | 1.1<br>1.4 | <b>10</b> | 0750<br>2243 | 1.0<br>2.5 | <b>25</b> | 0654<br>1154 | 0.8<br>1.2 |
| TU        | 1324         | 1.0        | WE        | 1246         | 0.6        | FR        | 1235         | 1.0        | SA        | 1340         | 0.8        | MO        |              |            | TU        | 1551         | 1.0        |
| MA        | 1959         | 1.9        | ME        | 2006         | 2.3        | VE        | 2121         | 2.2        | SA        | 2155         | 2.7        | LU        |              |            | MA        | 2352         | 2.7        |
| <b>11</b> | 0115<br>0724 | 1.3<br>1.9 | <b>26</b> | 0205<br>0721 | 1.3<br>1.9 | <b>11</b> | 1242<br>2247 | 1.0<br>2.3 | <b>26</b> | 0557<br>0951 | 1.0<br>1.2 | <b>11</b> | 0752<br>1323 | 0.8<br>1.2 | <b>26</b> | 0744<br>1309 | 0.7<br>1.4 |
| WE        | 1358         | 1.1        | TH        | 1334         | 0.7        | SA        |              |            | SU        | 1457         | 0.8        | TU        | 1540         | 1.2        | WE        | 1731         | 1.0        |
| ME        | 2118         | 1.9        | JE        | 2121         | 2.4        | SA        |              |            | DI        | 2314         | 2.8        | MA        | 2349         | 2.5        | ME        |              |            |
| <b>12</b> | 0348<br>0759 | 1.5<br>1.6 | <b>27</b> | 0417<br>0829 | 1.2<br>1.6 | <b>12</b> | 0821<br>2353 | 0.9<br>2.5 | <b>27</b> | 0714<br>1206 | 0.8<br>1.2 | <b>12</b> | 0808<br>1342 | 0.6<br>1.4 | <b>27</b> | 0053<br>0820 | 2.7<br>0.6 |
| TH        | 1442         | 1.1        | FR        | 1439         | 0.8        | SU        |              |            | MO        | 1628         | 0.9        | WE        | 1726         | 1.1        | TH        | 1356         | 1.7        |
| JE        | 2257         | 2.0        | VE        | 2243         | 2.5        | DI        |              |            | LU        |              |            | ME        |              |            | JE        | 1853         | 0.9        |
| <b>13</b> | 0723<br>0959 | 1.3<br>1.3 | <b>28</b> | 0608<br>1029 | 1.1<br>1.4 | <b>13</b> | 0829<br>1347 | 0.8<br>1.2 | <b>28</b> | 0021<br>0805 | 2.8<br>0.6 | <b>13</b> | 0039<br>0825 | 2.6<br>0.5 | <b>28</b> | 0142<br>0848 | 2.7<br>0.5 |
| FR        | 1545         | 1.1        | SA        | 1559         | 0.8        | MO        | 1645         | 1.1        | TU        | 1317         | 1.4        | TH        | 1411         | 1.6        | FR        | 1435         | 1.9        |
| VE        |              |            | SA        | 2353         | 2.7        | LU        |              |            | MA        | 1749         | 0.8        | JE        | 1838         | 1.0        | VE        | 1955         | 0.9        |
| <b>14</b> | 0005<br>0820 | 2.2<br>1.0 | <b>29</b> | 0724<br>1217 | 0.8<br>1.4 | <b>14</b> | 0040<br>0845 | 2.6<br>0.6 | <b>29</b> | 0116<br>0843 | 2.9<br>0.5 | <b>14</b> | 0122<br>0842 | 2.7<br>0.4 | <b>29</b> | 0222<br>0910 | 2.6<br>0.5 |
| SA        | 1253         | 1.3        | SU        | 1713         | 0.8        | TU        | 1406         | 1.4        | WE        | 1406         | 1.6        | FR        | 1442         | 1.9        | SA        | 1510         | 2.2        |
| SA        | 1653         | 1.1        | DI        |              |            | MA        | 1802         | 1.0        | ME        | 1858         | 0.8        | VE        | 1938         | 0.9        | SA        | 2043         | 0.8        |
| <b>15</b> | 0049<br>0846 | 2.4<br>0.8 | <b>30</b> | 0049<br>0816 | 2.9<br>0.6 | <b>15</b> | 0120<br>0901 | 2.8<br>0.5 | <b>30</b> | 0203<br>0915 | 3.0<br>0.4 | <b>15</b> | 0203<br>0901 | 2.7<br>0.3 | <b>30</b> | 0258<br>0926 | 2.5<br>0.5 |
| SU        | 1347         | 1.3        | MO        | 1323         | 1.5        | WE        | 1431         | 1.5        | TH        | 1447         | 1.8        | SA        | 1516         | 2.1        | SU        | 1543         | 2.4        |
| DI        | 1752         | 1.0        | LU        | 1818         | 0.7        | ME        | 1859         | 0.9        | JE        | 1954         | 0.7        | SA        | 2030         | 0.8        | DI        | 2125         | 0.8        |
|           |              |            | <b>31</b> | 0138<br>0857 | 3.1<br>0.5 |           |              |            | <b>31</b> | 0244<br>0941 | 2.9<br>0.4 |           |              |            |           |              |            |
|           |              |            | TU        | 1412         | 1.6        |           |              |            | FR        | 1524         | 2.0        |           |              |            |           |              |            |
|           |              |            | MA        | 1913         | 0.6        |           |              |            | VE        | 2042         | 0.7        |           |              |            |           |              |            |

## October-octobre

## November-novembre

## December-décembre

| Day       | Time | Metres | jour      | heure | mètres | Day       | Time | Metres | jour      | heure | mètres | Day       | Time | Metres | jour      | heure | mètres |
|-----------|------|--------|-----------|-------|--------|-----------|------|--------|-----------|-------|--------|-----------|------|--------|-----------|-------|--------|
| <b>1</b>  | 0330 | 2.4    | <b>16</b> | 0309  | 2.3    | <b>1</b>  | 0413 | 1.8    | <b>16</b> | 0420  | 1.9    | <b>1</b>  | 0433 | 1.7    | <b>16</b> | 0449  | 1.8    |
| MO        | 0940 | 0.5    |           | 0913  | 0.2    |           | 0937 | 0.5    |           | 0947  | 0.2    |           | 0938 | 0.6    |           | 1005  | 0.4    |
| LU        | 1614 | 2.5    | TU        | 1606  | 3.0    | TH        | 1645 | 2.9    | FR        | 1659  | 3.4    | SA        | 1645 | 3.1    | SU        | 1718  | 3.3    |
|           | 2203 | 0.8    | MA        | 2212  | 0.7    | JE        | 2317 | 0.9    | VE        | 2338  | 0.6    | SA        | 2332 | 0.7    | DI        |       |        |
| <b>2</b>  | 0359 | 2.3    | <b>17</b> | 0351  | 2.2    | <b>2</b>  | 0443 | 1.7    | <b>17</b> | 0458  | 1.8    | <b>2</b>  | 0503 | 1.7    | <b>17</b> | 0004  | 0.7    |
|           | 0954 | 0.5    |           | 0940  | 0.2    |           | 0959 | 0.5    |           | 1020  | 0.3    |           | 1007 | 0.6    |           | 0529  | 1.8    |
| TU        | 1644 | 2.6    | WE        | 1643  | 3.1    | FR        | 1713 | 3.0    | SA        | 1739  | 3.3    | SU        | 1715 | 3.1    | MO        | 1042  | 0.5    |
| MA        | 2240 | 0.9    | ME        | 2257  | 0.7    | VE        | 2354 | 0.9    | SA        |       |        | DI        |      |        | LU        | 1757  | 3.1    |
| <b>3</b>  | 0429 | 2.1    | <b>18</b> | 0431  | 2.1    | <b>3</b>  | 0513 | 1.6    | <b>18</b> | 0027  | 0.8    | <b>3</b>  | 0001 | 0.8    | <b>18</b> | 0047  | 0.8    |
|           | 1010 | 0.5    |           | 1009  | 0.2    |           | 1023 | 0.6    |           | 0537  | 1.7    |           | 0536 | 1.7    |           | 0612  | 1.8    |
| WE        | 1713 | 2.7    | TH        | 1721  | 3.2    | SA        | 1743 | 3.0    | SU        | 1054  | 0.4    | MO        | 1038 | 0.6    | TU        | 1122  | 0.7    |
| ME        | 2319 | 1.0    | JE        | 2345  | 0.7    | SA        |      |        | DI        | 1821  | 3.2    | LU        | 1747 | 3.0    | MA        | 1836  | 2.8    |
| <b>4</b>  | 0456 | 1.9    | <b>19</b> | 0510  | 1.9    | <b>4</b>  | 0036 | 1.0    | <b>19</b> | 0126  | 0.9    | <b>4</b>  | 0034 | 0.8    | <b>19</b> | 0137  | 1.0    |
|           | 1027 | 0.6    |           | 1040  | 0.3    |           | 0544 | 1.5    |           | 0619  | 1.6    |           | 0614 | 1.6    |           | 0702  | 1.7    |
| TH        | 1742 | 2.8    | FR        | 1802  | 3.2    | SU        | 1050 | 0.6    | MO        | 1132  | 0.6    | TU        | 1113 | 0.8    | WE        | 1207  | 0.9    |
| JE        |      |        | VE        |       |        | DI        | 1816 | 2.9    | LU        | 1904  | 2.9    | MA        | 1821 | 2.8    | ME        | 1917  | 2.5    |
| <b>5</b>  | 0004 | 1.1    | <b>20</b> | 0042  | 0.8    | <b>5</b>  | 0131 | 1.0    | <b>20</b> | 0242  | 1.0    | <b>5</b>  | 0115 | 0.9    | <b>20</b> | 0235  | 1.0    |
|           | 0524 | 1.7    |           | 0549  | 1.8    |           | 0619 | 1.4    |           | 0710  | 1.5    |           | 0702 | 1.6    |           | 0808  | 1.7    |
| FR        | 1045 | 0.6    | SA        | 1113  | 0.4    | MO        | 1120 | 0.7    | TU        | 1215  | 0.8    | WE        | 1155 | 1.0    | TH        | 1309  | 1.2    |
| VE        | 1813 | 2.8    | SA        | 1845  | 3.1    | LU        | 1853 | 2.8    | MA        | 1954  | 2.7    | ME        | 1859 | 2.6    | JE        | 2003  | 2.2    |
| <b>6</b>  | 0104 | 1.2    | <b>21</b> | 0156  | 1.0    | <b>6</b>  | 0246 | 1.1    | <b>21</b> | 0401  | 1.1    | <b>6</b>  | 0209 | 0.9    | <b>21</b> | 0337  | 1.1    |
|           | 0551 | 1.5    |           | 0630  | 1.6    |           | 0706 | 1.4    |           | 0829  | 1.4    |           | 0814 | 1.6    |           | 0948  | 1.7    |
| SA        | 1106 | 0.7    | SU        | 1148  | 0.5    | TU        | 1156 | 0.9    | WE        | 1317  | 1.1    | TH        | 1255 | 1.2    | FR        | 1508  | 1.4    |
| SA        | 1847 | 2.8    | DI        | 1933  | 3.0    | MA        | 1935 | 2.7    | ME        | 2056  | 2.4    | JE        | 1943 | 2.4    | VE        | 2106  | 1.9    |
| <b>7</b>  | 0248 | 1.2    | <b>22</b> | 0327  | 1.0    | <b>7</b>  | 0403 | 1.0    | <b>22</b> | 0514  | 1.0    | <b>7</b>  | 0317 | 0.9    | <b>22</b> | 0436  | 1.1    |
|           | 0620 | 1.4    |           | 0720  | 1.4    |           | 0835 | 1.3    |           | 1049  | 1.5    |           | 1012 | 1.7    |           | 1134  | 1.9    |
| SU        | 1130 | 0.7    | MO        | 1231  | 0.7    | WE        | 1248 | 1.1    | TH        | 1514  | 1.3    | FR        | 1451 | 1.4    | SA        | 1748  | 1.4    |
| DI        | 1928 | 2.7    | LU        | 2031  | 2.8    | ME        | 2027 | 2.5    | JE        | 2222  | 2.2    | VE        | 2048 | 2.1    | SA        | 2254  | 1.7    |
| <b>8</b>  | 0437 | 1.1    | <b>23</b> | 0458  | 1.0    | <b>8</b>  | 0509 | 0.9    | <b>23</b> | 0611  | 0.9    | <b>8</b>  | 0427 | 0.9    | <b>23</b> | 0526  | 1.0    |
|           | 0701 | 1.2    |           | 0846  | 1.3    |           | 1119 | 1.4    |           | 1224  | 1.7    |           | 1145 | 2.0    |           | 1236  | 2.1    |
| MO        | 1158 | 0.9    | TU        | 1333  | 0.9    | TH        | 1440 | 1.3    | FR        | 1728  | 1.3    | SA        | 1715 | 1.3    | SU        | 1939  | 1.2    |
| LU        | 2019 | 2.6    | MA        | 2148  | 2.6    | JE        | 2141 | 2.3    | VE        | 2349  | 2.0    | SA        | 2231 | 1.8    | DI        |       |        |
| <b>9</b>  | 0601 | 1.0    | <b>24</b> | 0616  | 0.9    | <b>9</b>  | 0559 | 0.8    | <b>24</b> | 0651  | 0.9    | <b>9</b>  | 0528 | 0.8    | <b>24</b> | 0032  | 1.6    |
|           | 0927 | 1.1    |           | 1132  | 1.3    |           | 1233 | 1.7    |           | 1313  | 2.0    |           | 1240 | 2.3    |           | 0607  | 1.0    |
| TU        | 1240 | 1.0    | WE        | 1527  | 1.1    | FR        | 1658 | 1.3    | SA        | 1914  | 1.2    | SU        | 1900 | 1.1    | MO        | 1317  | 2.4    |
| MA        | 2127 | 2.5    | ME        | 2316  | 2.4    | VE        | 2312 | 2.1    | SA        |       |        | DI        |      |        | LU        | 2033  | 0.9    |
| <b>10</b> | 0646 | 0.9    | <b>25</b> | 0709  | 0.8    | <b>10</b> | 0639 | 0.7    | <b>25</b> | 0052  | 1.9    | <b>10</b> | 0009 | 1.8    | <b>25</b> | 0133  | 1.5    |
|           | 1229 | 1.3    |           | 1253  | 1.6    |           | 1317 | 2.1    |           | 0719  | 0.8    |           | 0619 | 0.7    |           | 0642  | 0.9    |
| WE        | 1454 | 1.2    | TH        | 1724  | 1.2    | SA        | 1842 | 1.2    | SU        | 1350  | 2.3    | MO        | 1324 | 2.6    | TU        | 1350  | 2.6    |
| ME        | 2247 | 2.4    | JE        |       |        | SA        |      |        | DI        | 2019  | 1.0    | LU        | 2004 | 0.8    | MA        | 2109  | 0.8    |
| <b>11</b> | 0714 | 0.7    | <b>26</b> | 0026  | 2.4    | <b>11</b> | 0027 | 2.1    | <b>26</b> | 0141  | 1.9    | <b>11</b> | 0116 | 1.8    | <b>26</b> | 0216  | 1.6    |
|           | 1312 | 1.5    |           | 0744  | 0.7    |           | 0712 | 0.6    |           | 0740  | 0.7    |           | 0702 | 0.6    |           | 0715  | 0.9    |
| TH        | 1701 | 1.2    | FR        | 1339  | 1.8    | SU        | 1355 | 2.4    | MO        | 1422  | 2.5    | TU        | 1403 | 2.9    | WE        | 1420  | 2.7    |
| JE        | 2356 | 2.4    | VE        | 1858  | 1.1    | DI        | 1955 | 1.0    | LU        | 2104  | 0.9    | MA        | 2051 | 0.6    | ME        | 2137  | 0.6    |
| <b>12</b> | 0738 | 0.6    | <b>27</b> | 0118  | 2.3    | <b>12</b> | 0125 | 2.1    | <b>27</b> | 0221  | 1.8    | <b>12</b> | 0207 | 1.8    | <b>27</b> | 0251  | 1.6    |
|           | 1347 | 1.8    |           | 0810  | 0.6    |           | 0743 | 0.5    |           | 0800  | 0.7    |           | 0741 | 0.5    |           | 0746  | 0.8    |
| FR        | 1832 | 1.2    | SA        | 1416  | 2.1    | MO        | 1431 | 2.7    | TU        | 1452  | 2.7    | WE        | 1442 | 3.2    | TH        | 1449  | 2.9    |
| VE        |      |        | SA        | 2003  | 1.0    | LU        | 2048 | 0.8    | MA        | 2140  | 0.8    | ME        | 2131 | 0.5    | JE        | 2201  | 0.6    |
| <b>13</b> | 0052 | 2.4    | <b>28</b> | 0159  | 2.3    | <b>13</b> | 0215 | 2.1    | <b>28</b> | 0257  | 1.8    | <b>13</b> | 0251 | 1.8    | <b>28</b> | 0322  | 1.6    |
|           | 0800 | 0.5    |           | 0830  | 0.6    |           | 0814 | 0.4    |           | 0821  | 0.7    |           | 0818 | 0.4    |           | 0817  | 0.7    |
| SA        | 1421 | 2.1    | SU        | 1449  | 2.3    | TU        | 1507 | 3.0    | WE        | 1520  | 2.8    | TH        | 1521 | 3.3    | FR        | 1518  | 3.0    |
| SA        | 1942 | 1.0    | DI        | 2052  | 0.9    | MA        | 2132 | 0.6    | ME        | 2211  | 0.7    | JE        | 2209 | 0.4    | VE        | 2222  | 0.5    |
| <b>14</b> | 0140 | 2.4    | <b>29</b> | 0236  | 2.2    | <b>14</b> | 0259 | 2.0    | <b>29</b> | 0331  | 1.7    | <b>14</b> | 0332 | 1.9    | <b>29</b> | 0351  | 1.7    |
|           | 0823 | 0.4    |           | 0845  | 0.5    |           | 0844 | 0.3    |           | 0845  | 0.6    |           | 0853 | 0.3    |           | 0849  | 0.6    |
| SU        | 1456 | 2.4    | MO        | 1520  | 2.5    | WE        | 1544 | 3.2    | TH        | 1548  | 3.0    | FR        | 1600 | 3.4    | SA        | 1547  | 3.1    |
| DI        | 2038 | 0.9    | LU        | 2132  | 0.8    | ME        | 2214 | 0.5    | JE        | 2238  | 0.7    | VE        | 2247 | 0.5    | SA        | 2242  | 0.6    |
| <b>15</b> | 0226 | 2.4    | <b>30</b> | 0310  | 2.1    | <b>15</b> | 0341 | 2.0    | <b>30</b> | 0402  | 1.7    | <b>15</b> | 0410 | 1.9    | <b>30</b> | 0421  | 1.7    |
|           | 0847 | 0.3    |           | 0859  | 0.5    |           | 0915 | 0.2    |           | 0910  | 0.6    |           | 0929 | 0.3    |           | 0921  | 0.6    |
| MO        | 1531 | 2.7    | TU        | 1549  | 2.7    | TH        | 1621 | 3.3    | FR        | 1616  | 3.1    | SA        | 1639 | 3.4    | SU        | 1617  | 3.1    |
| LU        | 2126 | 0.7    | MA        | 2208  | 0.8    | JE        | 2255 | 0.5    | VE        | 2305  | 0.7    | SA        | 2325 | 0.6    | DI        | 2302  | 0.6    |
|           |      |        | <b>31</b> | 0342  | 2.0    |           |      |        |           |       |        |           |      |        | <b>31</b> | 0452  | 1.8    |
|           |      |        |           | 0917  | 0.5    |           |      |        |           |       |        |           |      |        |           | 0954  | 0.6    |
|           |      |        | WE        | 1617  | 2.8    |           |      |        |           |       |        |           |      |        | MO        | 1647  | 3.1    |
|           |      |        | ME        | 2243  | 0.8    |           |      |        |           |       |        |           |      |        | LU        | 2325  | 0.6    |