

PORTO DE BELÉM (ESTADO DO PARÁ) - 2026

Latitude 01° 23'.8 S

Longitude 48° 29'.6 W

Fuso UTC -03.0 horas

Comissão Volante CHM-314

101 Componentes

Nível Médio 1.75 m

Carta 320

| Janeiro   |      |      |           |      |      | Fevereiro |      |      |           |      |      | Março     |      |      |           |      |      | Abril     |      |      |           |      |      |
|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|
| HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      |
| 01<br>QUI | 0423 | 0.58 | 17<br>SÁB | 0516 | 0.62 | 01<br>DOM | 0619 | 0.36 | 17<br>TER | 0646 | 0.48 | 01<br>DOM | 0508 | 0.48 | 17        | 0536 | 0.60 | 01<br>QUA | 0610 | 0.42 | 17        | 0619 | 0.53 |
|           | 0927 | 2.95 |           | 1049 | 2.81 |           | 1121 | 3.22 |           | 1149 | 3.21 |           | 1019 | 3.22 |           | 1042 | 3.27 |           | 1121 | 3.49 |           | 1119 | 3.58 |
|           | 1544 | 0.75 |           | 1653 | 0.77 |           | 1801 | 0.65 |           | 1825 | 0.62 |           | 1702 | 0.75 |           | 1731 | 0.66 |           | 1834 | 0.38 |           | 1853 | 0.33 |
|           | 2136 | 3.30 |           | 2244 | 3.13 |           | ☺    | 2329 |           | 3.47 | ☺    |           | 2347 | 3.43 |           | 2231 | 3.46 |           | 2247 | 3.47 |           | ☺    | 2346 |
| 02<br>SEX | 0534 | 0.49 | 18<br>DOM | 0604 | 0.58 | 02<br>SEG | 0704 | 0.23 | 18<br>QUA | 0723 | 0.45 | 02<br>SEG | 0601 | 0.33 | 18<br>QUA | 0612 | 0.51 | 02<br>QUI | 0647 | 0.44 | 18<br>SÁB | 0659 | 0.50 |
|           | 1023 | 3.06 |           | 1132 | 2.89 |           | 1210 | 3.32 |           | 1229 | 3.29 |           | 1106 | 3.38 |           | 1121 | 3.41 |           | 1149 | 3.50 |           | 1204 | 3.60 |
|           | 1646 | 0.70 |           | 1731 | 0.71 |           | 1859 | 0.52 |           | 1921 | 0.55 |           | 1801 | 0.54 |           | 1825 | 0.53 |           | 1904 | 0.37 |           | 1947 | 0.29 |
|           | 2229 | 3.37 |           | ☺    | 2323 |           | 3.19 | 2325 |           | 3.57 | 2332 |           | 3.57 | ☺    |           |      |      |           |      |      |           |      |      |
| 03<br>SÁB | 0638 | 0.39 | 19<br>SEG | 0653 | 0.53 | 03<br>TER | 0025 | 3.51 | 19<br>QUI | 0029 | 3.48 | 03<br>TER | 0651 | 0.26 | 19<br>QUI | 0655 | 0.45 | 03<br>SEX | 0021 | 3.45 | 19<br>DOM | 0032 | 3.53 |
|           | 1121 | 3.13 |           | 1210 | 2.94 |           | 0757 | 0.17 |           | 0759 | 0.42 |           | 1151 | 3.49 |           | 1155 | 3.51 |           | 0716 | 0.51 |           | 0742 | 0.52 |
|           | 1742 | 0.65 |           | 1810 | 0.66 |           | 1251 | 3.38 |           | 1259 | 3.32 |           | 1853 | 0.40 |           | 1910 | 0.44 |           | 1225 | 3.46 |           | 1249 | 3.57 |
|           | ☺    | 2325 |           | 3.40 | 1951 |           | 0.41 | 1955 |           | 0.51 | ☺    |           | ☺    | 1944 |           | 0.42 | 2038 |           | 0.33 |      |           |      |      |
| 04<br>DOM | 0729 | 0.30 | 20<br>TER | 0002 | 3.22 | 04<br>QUA | 0102 | 3.48 | 20<br>SEX | 0106 | 3.48 | 04<br>QUA | 0008 | 3.60 | 20<br>SEX | 0014 | 3.60 | 04<br>SÁB | 0049 | 3.34 | 20<br>SEG | 0117 | 3.45 |
|           | 1217 | 3.18 |           | 0744 | 0.49 |           | 0836 | 0.23 |           | 0840 | 0.46 |           | 0727 | 0.29 |           | 0740 | 0.45 |           | 0734 | 0.58 |           | 0819 | 0.60 |
|           | 1838 | 0.60 |           | 1242 | 2.99 |           | 1334 | 3.36 |           | 1336 | 3.33 |           | 1234 | 3.52 |           | 1236 | 3.55 |           | 1253 | 3.37 |           | 1331 | 3.48 |
|           |      |      |           | 1855 | 0.62 |           | 2038 | 0.41 |           | 2046 | 0.51 |           | 1940 | 0.35 |           | 1955 | 0.38 |           | 2010 | 0.52 |           | 2117 | 0.41 |
| 05<br>SEG | 0023 | 3.39 | 21<br>QUA | 0036 | 3.25 | 05<br>QUI | 0140 | 3.41 | 21<br>SÁB | 0144 | 3.42 | 05<br>QUI | 0047 | 3.57 | 21<br>SÁB | 0051 | 3.59 | 05<br>DOM | 0119 | 3.20 | 21<br>TER | 0202 | 3.30 |
|           | 0810 | 0.24 |           | 0817 | 0.50 |           | 0859 | 0.33 |           | 0857 | 0.56 |           | 0757 | 0.33 |           | 0808 | 0.51 |           | 0757 | 0.67 |           | 0840 | 0.70 |
|           | 1306 | 3.19 |           | 1319 | 3.02 |           | 1406 | 3.28 |           | 1410 | 3.29 |           | 1302 | 3.47 |           | 1316 | 3.53 |           | 1321 | 3.27 |           | 1412 | 3.35 |
|           | 1942 | 0.55 |           | 1934 | 0.60 |           | 2102 | 0.47 |           | 2134 | 0.57 |           | 2008 | 0.39 |           | 2046 | 0.40 |           | 2038 | 0.62 |           | 2202 | 0.53 |
| 06<br>TER | 0114 | 3.35 | 22<br>QUI | 0114 | 3.25 | 06<br>SEX | 0216 | 3.27 | 22<br>DOM | 0227 | 3.30 | 06<br>SEX | 0121 | 3.46 | 22<br>DOM | 0134 | 3.51 | 06<br>SEG | 0149 | 3.04 | 22<br>QUA | 0253 | 3.08 |
|           | 0857 | 0.22 |           | 0846 | 0.50 |           | 0921 | 0.47 |           | 0925 | 0.67 |           | 0825 | 0.45 |           | 0840 | 0.59 |           | 0812 | 0.78 |           | 0916 | 0.82 |
|           | 1349 | 3.16 |           | 1351 | 3.02 |           | 1434 | 3.17 |           | 1442 | 3.21 |           | 1332 | 3.40 |           | 1351 | 3.45 |           | 1351 | 3.14 |           | 1502 | 3.16 |
|           | 2038 | 0.53 |           | 2025 | 0.60 |           | 2134 | 0.57 |           | 2219 | 0.69 |           | 2042 | 0.46 |           | 2131 | 0.51 |           | 2046 | 0.74 |           | 2257 | 0.66 |
| 07<br>QUA | 0153 | 3.26 | 23<br>SEX | 0155 | 3.22 | 07<br>SÁB | 0251 | 3.08 | 23<br>SEG | 0312 | 3.09 | 07<br>SÁB | 0149 | 3.31 | 23<br>SEG | 0216 | 3.35 | 07<br>TER | 0217 | 2.85 | 23<br>QUI | 0349 | 2.86 |
|           | 0938 | 0.32 |           | 0919 | 0.56 |           | 0940 | 0.61 |           | 0947 | 0.80 |           | 0842 | 0.57 |           | 0906 | 0.72 |           | 0832 | 0.89 |           | 1004 | 0.97 |
|           | 1434 | 3.09 |           | 1427 | 3.02 |           | 1508 | 3.03 |           | 1527 | 3.10 |           | 1359 | 3.28 |           | 1429 | 3.33 |           | 1419 | 2.99 |           | 1602 | 2.95 |
|           | 2119 | 0.56 |           | 2119 | 0.64 |           | 2201 | 0.69 |           | 2312 | 0.82 |           | 2104 | 0.59 |           | 2212 | 0.65 |           | 2104 | 0.83 |           | 2359 | 0.76 |
| 08<br>QUI | 0236 | 3.12 | 24<br>SÁB | 0236 | 3.13 | 08<br>DOM | 0329 | 2.84 | 24<br>TER | 0404 | 2.85 | 08<br>DOM | 0219 | 3.11 | 24<br>TER | 0302 | 3.12 | 08<br>QUA | 0255 | 2.65 | 24<br>SEX | 0502 | 2.70 |
|           | 0953 | 0.45 |           | 0929 | 0.61 |           | 1002 | 0.77 |           | 1029 | 0.97 |           | 0859 | 0.71 |           | 0929 | 0.87 |           | 0859 | 1.01 |           | 1110 | 1.11 |
|           | 1514 | 2.97 |           | 1501 | 2.99 |           | 1546 | 2.87 |           | 1621 | 2.95 |           | 1427 | 3.13 |           | 1512 | 3.15 |           | 1457 | 2.82 |           | 1717 | 2.81 |
|           | 2146 | 0.63 |           | 2216 | 0.71 |           | 2232 | 0.82 |           | ☾    | 2131 |           | 0.72 | 2301 |           | 0.80 | 2129 |           | 0.93 | ☾    |           |      |      |
| 09<br>SEX | 0321 | 2.95 | 25<br>DOM | 0325 | 2.99 | 09<br>SEG | 0408 | 2.60 | 25<br>QUA | 0019 | 0.92 | 09<br>SEG | 0251 | 2.89 | 25<br>QUA | 0359 | 2.86 | 09<br>QUI | 0342 | 2.45 | 25<br>SÁB | 0110 | 0.79 |
|           | 1014 | 0.56 |           | 1004 | 0.70 |           | 1031 | 0.95 |           | 0516 | 2.63 |           | 0916 | 0.87 |           | 1012 | 1.04 |           | 0938 | 1.16 |           | 0623 | 2.70 |
|           | 1551 | 2.85 |           | 1546 | 2.95 |           | 1629 | 2.72 |           | 1131 | 1.14 |           | 1457 | 2.96 |           | 1610 | 2.96 |           | 1542 | 2.65 |           | 1310 | 1.12 |
|           | 2223 | 0.72 |           | 2317 | 0.80 |           | ☾    | 2321 |           | 0.94 | 1736 |           | 2.84 | ☾    |           | ☾    | 2208 |           | 1.05 | 1844 |           | 2.82 |      |
| 10<br>SÁB | 0408 | 2.74 | 26<br>SEG | 0423 | 2.81 | 10<br>TER | 0501 | 2.39 | 26<br>QUI | 0142 | 0.94 | 10<br>TER | 0327 | 2.65 | 26<br>QUI | 0016 | 0.92 | 10<br>SEX | 0446 | 2.31 | 26<br>DOM | 0221 | 0.75 |
|           | 1046 | 0.69 |           | 1047 | 0.82 |           | 1106 | 1.12 |           | 0653 | 2.57 |           | 0936 | 1.04 |           | 0514 | 2.65 |           | 1019 | 1.30 |           | 0731 | 2.82 |
|           | 1636 | 2.74 |           | 1644 | 2.91 |           | 1721 | 2.60 |           | 1304 | 1.23 |           | 1531 | 2.79 |           | 1114 | 1.22 |           | 1651 | 2.52 |           | 1434 | 0.95 |
|           | ☾    | 2310 |           | 0.80 | ☾    |           | 1912 | 2.86 |           | 2212 | 0.99 |           | 1729 | 2.82 |           | ☾    | 2319 |           | 1.15 | 1955 |           | 2.95 |      |
| 11<br>DOM | 0501 | 2.56 | 27<br>TER | 0029 | 0.85 | 11<br>QUA | 0038 | 1.02 | 27<br>SEX | 0301 | 0.84 | 11<br>QUA | 0416 | 2.42 | 27<br>SEX | 0140 | 0.92 | 11<br>SÁB | 0602 | 2.31 | 27<br>SEG | 0321 | 0.67 |
|           | 1123 | 0.82 |           | 0531 | 2.66 |           | 0608 | 2.26 |           | 0821 | 2.75 |           | 1006 | 1.20 |           | 0653 | 2.64 |           | 1131 | 1.39 |           | 0825 | 3.00 |
|           | 1723 | 2.66 |           | 1147 | 0.95 |           | 1217 | 1.26 |           | 1442 | 1.15 |           | 1619 | 2.62 |           | 1317 | 1.28 |           | 1812 | 2.53 |           | 1540 | 0.73 |
|           |      |      |           | 1753 | 2.89 |           | 1832 | 2.56 |           | 2032 | 3.06 |           | ☾    | 2310 |           | 1.12 | 1908 |           | 2.86 | 2053 |           | 3.09 |      |
| 12<br>SEG | 0006 | 0.86 | 28<br>QUA | 0142 | 0.84 | 12<br>QUI | 0157 | 1.01 | 28<br>SÁB | 0410 | 0.67 | 12<br>QUI | 0519 | 2.25 | 28<br>SÁB | 0255 | 0.80 | 12<br>DOM | 0202 | 1.11 | 28<br>TER | 0408 | 0.61 |
|           | 0557 | 2.42 |           | 0653 | 2.61 |           | 0744 | 2.30 |           | 0925 | 2.99 |           | 1102 | 1.36 |           | 0808 | 2.83 |           | 0732 | 2.50 |           | 0912 | 3.16 |
|           | 1216 | 0.94 |           | 1310 | 1.02 |           | 1353 | 1.26 |           | 1559 | 0.97 |           | 1736 | 2.51 |           | 1451 | 1.11 |           | 1359 | 1.27 |           | 1632 | 0.56 |
|           | 1816 | 2.64 |           | 1912 | 2.94 |           | 1953 | 2.66 |           | 2134 | 3.28 |           | 2021 | 3.06 |           | 2042 | 3.06 |           | 1938 | 2.73 |           | 2144 | 3.20 |
| 13<br>TER | 0112 | 0.87 | 29<br>QUI | 0259 | 0.78 | 13<br>SEX | 0306 | 0.91 | 13<br>SEX | 0859 | 2.52 | 13<br>SEX | 0119 | 1.17 | 29<br>DOM | 0359 | 0.63 | 13<br>SEG | 0317 | 0.95 | 29<br>QUA | 0447 | 0.57 |
|           | 0702 | 2.36 |           | 0819 | 2.71 |           | 1501 | 1.15 |           | 1234 | 1.45 |           | 0904 | 3.07 |           | 0834 | 2.80 |           | 0949 | 3.27 |           |      |      |
|           | 1321 | 1.00 |           | 1432 | 1.00 |           | 2055 | 2.86 |           | 1912 | 2.57 |           | 1559 | 0.86 |           | 1514 | 1.02 |           | 1716 | 0.45 |           |      |      |
|           | 1917 | 2.68 |           | 2031 | 3.08 |           | 2121 | 3.27 |           | 2042 | 3.00 |           | 2229 | 3.24 |           |      |      |           |      |      |           |      |      |
| 14<br>QUA | 0221 | 0.82 | 30<br>SEX | 0419 | 0.66 | 14<br>SÁB | 0410 | 0.78 | 14<br>SÁB | 0951 | 2.75 | 14<br>SÁB | 0253 | 1.05 | 30<br>SEG | 0453 | 0.49 | 14<br>TER | 0404 | 0.80 | 30<br>QUI | 0523 | 0.57 |
|           | 0812 | 2.42 |           | 0925 | 2.90 |           | 1557 | 1.00 |           | 0838 | 2.52 |           | 0953 | 3.28 |           | 0916 | 3.08 |           | 1027 | 3.34 |           |      |      |
|           | 1425 | 1.00 |           | 1547 | 0.91 |           | 2144 | 3.07 |           | 1438 | 1.30 |           | 1657 | 0.62 |           | 1616 | 0.77 |           | 1755 | 0.41 |           |      |      |
|           | 2016 | 2.79 |           | 2132 | 3.25 |           | 2031 | 2.81 |           | 2214 | 3.43 |           | 2131 | 3.24 |           | 2310 | 3.22 |           |      |      |           |      |      |
| 15<br>QUI | 0323 | 0.75 | 31<br>SÁB | 0527 | 0.51 | 15<br>DOM | 0504 | 0.66 | 15<br>DOM | 1034 | 2.94 | 15<br>DOM | 0357 | 0.87 | 31<br>TER | 0540 | 0.43 | 15<br>QUA | 0453 | 0.66 | 15<br>QUA | 0951 | 3.32 |
|           | 0912 | 2.55 |           | 1023 | 3.08 |           | 1646 | 0.85 |           | 0921 | 2.81 |           | 1038 | 3.42 |           | 0951 | 3.32 |           | 1708 | 0.57 |           |      |      |
|           | 1516 | 0.94 |           | 1655 | 0.79 |           | 2229 | 3.23 |           | 1542 | 1.07 |           | 1749 | 0.45 |           | 1708 | 0.57 |           | 2216 | 3.42 |           |      |      |
|           | 2108 | 2.93 |           | 2229 | 3.38 |           | 2121 | 3.08 |           | 2301 | 3.51 |           | 2216 | 3.42 |           |      |      |           |      |      |           |      |      |
| 16<br>SEX | 0421 | 0.68 |           |      |      | 16<br>SEG | 0557 | 0.55 | 16<br>SEG | 1114 | 3.09 | 16<br>SEG | 0449 | 0.71 |           |      |      | 16<br>QUI | 0540 | 0.58 | 16<br>QUI | 1032 | 3.49 |
|           | 1002 | 2.69 |           |      |      |           | 1731 | 0.73 |           | 1001 | 3.07 |           | 1636 | 0.85 |           |      |      |           | 1801 | 0.43 |           |      |      |
|           | 1602 | 0.85 |           |      |      |           | 2312 | 3.35 |           | 2204 | 3.30 |           | 2259 | 3.51 |           |      |      |           |      |      |           |      |      |
|           | 2159 | 3.05 |           |      |      |           |      |      |           |      |      |           |      |      |           |      |      |           |      |      |           |      |      |

PORTO DE BELÉM (ESTADO DO PARÁ) - 2026

Latitude 01° 23' 8 S

Longitude 48° 29' 6 W

Fuso UTC -03.0 horas

Comissão Volante CHM-314

101 Componentes

Nível Médio 1.75 m

Carta 320

| Maio                                                                                                          |      |        |                         |                                                                                          | Junho  |                         |                                                                                          |        |                         | Julho                                                                                    |        |                         |                                                                                          |        | Agosto                  |                                                                                        |                         |                         |                                                                                            |        |                         |                                                                                          |      |
|---------------------------------------------------------------------------------------------------------------|------|--------|-------------------------|------------------------------------------------------------------------------------------|--------|-------------------------|------------------------------------------------------------------------------------------|--------|-------------------------|------------------------------------------------------------------------------------------|--------|-------------------------|------------------------------------------------------------------------------------------|--------|-------------------------|----------------------------------------------------------------------------------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------|--------|-------------------------|------------------------------------------------------------------------------------------|------|
| HORA                                                                                                          |      | ALT(m) | HORA                    |                                                                                          | ALT(m) | HORA                    |                                                                                          | ALT(m) | HORA                    |                                                                                          | ALT(m) | HORA                    |                                                                                          | ALT(m) | HORA                    |                                                                                        | ALT(m)                  | HORA                    |                                                                                            | ALT(m) |                         |                                                                                          |      |
| <b>01</b><br><b>SEX</b><br>   | 0546 | 0.59   | <b>17</b><br><b>DOM</b> | 0623                                                                                     | 0.53   | <b>01</b><br><b>SEG</b> | 0601                                                                                     | 0.62   | <b>17</b><br><b>QUA</b> | 0053                                                                                     | 3.12   | <b>01</b><br><b>QUA</b> | 0017                                                                                     | 2.67   | <b>17</b><br><b>SEX</b> | 0146                                                                                   | 3.20                    | <b>01</b><br><b>SÁB</b> | 0112                                                                                       | 2.85   | <b>17</b><br><b>SEG</b> | 0234                                                                                     | 3.14 |
|                                                                                                               | 1106 | 3.34   |                         | 1132                                                                                     | 3.51   |                         | 1144                                                                                     | 3.05   |                         | 0729                                                                                     | 0.47   |                         | 0604                                                                                     | 0.60   |                         | 0831                                                                                   | 0.38                    |                         | 0712                                                                                       | 0.55   |                         | 0923                                                                                     | 0.45 |
|                                                                                                               | 1836 | 0.42   |                         | 1931                                                                                     | 0.26   |                         | 1859                                                                                     | 0.54   |                         | 1302                                                                                     | 3.31   |                         | 1201                                                                                     | 2.93   |                         | 1347                                                                                   | 3.30                    |                         | 1255                                                                                       | 3.03   |                         | 1446                                                                                     | 3.05 |
|                                                                                                               | 2344 | 3.17   |                         |                                                                                          |        |                         |                                                                                          |        |                         | 2055                                                                                     | 0.12   |                         | 1925                                                                                     | 0.53   |                         | 2110                                                                                   | 0.16                    |                         | 2025                                                                                       | 0.50   |                         | 2119                                                                                     | 0.50 |
| <b>02</b><br><b>SÁB</b>                                                                                       | 0614 | 0.60   | <b>18</b><br><b>SEG</b> | 0012                                                                                     | 3.32   | <b>02</b><br><b>TER</b> | 0027                                                                                     | 2.75   | <b>18</b><br><b>QUI</b> | 0146                                                                                     | 3.10   | <b>02</b><br><b>QUI</b> | 0047                                                                                     | 2.67   | <b>18</b><br><b>SÁB</b> | 0231                                                                                   | 3.15                    | <b>02</b><br><b>DOM</b> | 0136                                                                                       | 2.86   | <b>18</b><br><b>TER</b> | 0301                                                                                     | 2.97 |
|                                                                                                               | 1138 | 3.30   |                         | 0708                                                                                     | 0.53   |                         | 0636                                                                                     | 0.64   |                         | 0827                                                                                     | 0.46   |                         | 0644                                                                                     | 0.58   |                         | 0857                                                                                   | 0.38                    |                         | 0801                                                                                       | 0.54   |                         | 0944                                                                                     | 0.55 |
|                                                                                                               | 1904 | 0.48   |                         | 1221                                                                                     | 3.48   |                         | 1217                                                                                     | 3.00   |                         | 1349                                                                                     | 3.24   |                         | 1232                                                                                     | 2.92   |                         | 1434                                                                                   | 3.20                    |                         | 1329                                                                                       | 3.02   |                         | 1523                                                                                     | 2.81 |
|                                                                                                               |      |        |                         | 2017                                                                                     | 0.25   |                         | 1936                                                                                     | 0.55   |                         | 2144                                                                                     | 0.17   |                         | 1944                                                                                     | 0.51   |                         | 2144                                                                                   | 0.25                    |                         | 2034                                                                                       | 0.51   |                         | 2146                                                                                     | 0.63 |
| <b>03</b><br><b>DOM</b>                                                                                       | 0017 | 3.08   | <b>19</b><br><b>TER</b> | 0102                                                                                     | 3.27   | <b>03</b><br><b>QUA</b> | 0057                                                                                     | 2.70   | <b>19</b><br><b>SEX</b> | 0238                                                                                     | 3.03   | <b>03</b><br><b>SEX</b> | 0121                                                                                     | 2.66   | <b>19</b><br><b>DOM</b> | 0306                                                                                   | 3.04                    | <b>03</b><br><b>SEG</b> | 0202                                                                                       | 2.86   | <b>19</b><br><b>QUA</b> | 0338                                                                                     | 2.81 |
|                                                                                                               | 0646 | 0.64   |                         | 0744                                                                                     | 0.54   |                         | 0704                                                                                     | 0.64   |                         | 0916                                                                                     | 0.49   |                         | 0719                                                                                     | 0.56   |                         | 0936                                                                                   | 0.42                    |                         | 0844                                                                                       | 0.55   |                         | 1014                                                                                     | 0.67 |
|                                                                                                               | 1212 | 3.24   |                         | 1310                                                                                     | 3.41   |                         | 1251                                                                                     | 2.95   |                         | 1438                                                                                     | 3.12   |                         | 1306                                                                                     | 2.91   |                         | 1517                                                                                   | 3.02                    |                         | 1408                                                                                       | 2.96   |                         | 1602                                                                                     | 2.56 |
|                                                                                                               | 1938 | 0.54   |                         | 2102                                                                                     | 0.26   |                         | 2012                                                                                     | 0.58   |                         | 2216                                                                                     | 0.28   |                         | 2027                                                                                     | 0.49   |                         | 2159                                                                                   | 0.38                    |                         | 2106                                                                                       | 0.54   |                         | 2212                                                                                     | 0.79 |
| <b>04</b><br><b>SEG</b>                                                                                       | 0049 | 2.98   | <b>20</b><br><b>QUA</b> | 0151                                                                                     | 3.17   | <b>04</b><br><b>QUI</b> | 0129                                                                                     | 2.65   | <b>20</b><br><b>SÁB</b> | 0331                                                                                     | 2.93   | <b>04</b><br><b>SÁB</b> | 0147                                                                                     | 2.66   | <b>20</b><br><b>SEG</b> | 0346                                                                                   | 2.91                    | <b>04</b><br><b>TER</b> | 0231                                                                                       | 2.85   | <b>20</b><br><b>QUI</b> | 0417                                                                                     | 2.63 |
|                                                                                                               | 0708 | 0.69   |                         | 0827                                                                                     | 0.58   |                         | 0742                                                                                     | 0.67   |                         | 0947                                                                                     | 0.54   |                         | 0804                                                                                     | 0.56   |                         | 1014                                                                                   | 0.50                    |                         | 0932                                                                                       | 0.59   |                         | 1047                                                                                     | 0.79 |
|                                                                                                               | 1247 | 3.16   |                         | 1401                                                                                     | 3.29   |                         | 1321                                                                                     | 2.90   |                         | 1532                                                                                     | 2.97   |                         | 1344                                                                                     | 2.89   |                         | 1559                                                                                   | 2.81                    |                         | 1447                                                                                       | 2.84   |                         | 1655                                                                                     | 2.33 |
|                                                                                                               | 1959 | 0.62   |                         | 2155                                                                                     | 0.32   |                         | 2025                                                                                     | 0.58   |                         | 2242                                                                                     | 0.39   |                         | 2046                                                                                     | 0.49   |                         | 2221                                                                                   | 0.49                    |                         | 2136                                                                                       | 0.60   |                         |  2249 | 0.96 |
| <b>05</b><br><b>TER</b>                                                                                       | 0119 | 2.87   | <b>21</b><br><b>QUI</b> | 0242                                                                                     | 3.02   | <b>05</b><br><b>SEX</b> | 0204                                                                                     | 2.60   | <b>21</b><br><b>DOM</b> | 0417                                                                                     | 2.82   | <b>05</b><br><b>DOM</b> | 0219                                                                                     | 2.67   | <b>21</b><br><b>TER</b> | 0427                                                                                   | 2.77                    | <b>05</b><br><b>QUA</b> | 0304                                                                                       | 2.84   | <b>21</b><br><b>SEX</b> | 0506                                                                                     | 2.50 |
|                                                                                                               | 0736 | 0.74   |                         | 0914                                                                                     | 0.66   |                         | 0816                                                                                     | 0.71   |                         | 1034                                                                                     | 0.60   |                         | 0855                                                                                     | 0.59   |                         | 1049                                                                                   | 0.60                    |                         | 1027                                                                                       | 0.66   |                         | 1142                                                                                     | 0.89 |
|                                                                                                               | 1317 | 3.06   |                         | 1451                                                                                     | 3.12   |                         | 1402                                                                                     | 2.84   |                         | 1629                                                                                     | 2.79   |                         | 1421                                                                                     | 2.84   |                         | 1649                                                                                   | 2.59                    |                         | 1536                                                                                       | 2.69   |                         | 1801                                                                                     | 2.19 |
|                                                                                                               | 2023 | 0.67   |                         | 2246                                                                                     | 0.43   |                         | 2102                                                                                     | 0.60   |                         |  2312   | 0.50   |                         | 2121                                                                                     | 0.51   |                         |  2301 | 0.63                    |                         | 2219                                                                                       | 0.70   |                         | 2334                                                                                     | 1.09 |
| <b>06</b><br><b>QUA</b>                                                                                       | 0153 | 2.75   | <b>22</b><br><b>SEX</b> | 0338                                                                                     | 2.87   | <b>06</b><br><b>SÁB</b> | 0244                                                                                     | 2.55   | <b>22</b><br><b>SEG</b> | 0504                                                                                     | 2.74   | <b>06</b><br><b>SEG</b> | 0255                                                                                     | 2.67   | <b>22</b><br><b>QUA</b> | 0508                                                                                   | 2.65                    | <b>06</b><br><b>QUI</b> | 0349                                                                                       | 2.80   | <b>22</b><br><b>SÁB</b> | 0616                                                                                     | 2.44 |
|                                                                                                               | 0801 | 0.80   |                         | 1002                                                                                     | 0.77   |                         | 0902                                                                                     | 0.76   |                         | 1129                                                                                     | 0.66   |                         | 0944                                                                                     | 0.63   |                         | 1136                                                                                   | 0.68                    |                         | 1131                                                                                       | 0.74   |                         | 1259                                                                                     | 0.93 |
|                                                                                                               | 1351 | 2.95   |                         | 1547                                                                                     | 2.94   |                         | 1449                                                                                     | 2.75   |                         | 1725                                                                                     | 2.64   |                         | 1510                                                                                     | 2.75   |                         | 1744                                                                                   | 2.39                    |                         | 1644                                                                                       | 2.53   |                         | 1942                                                                                     | 2.22 |
|                                                                                                               | 2036 | 0.73   |                         | 2336                                                                                     | 0.54   |                         | 2138                                                                                     | 0.64   |                         | 2349                                                                                     | 0.60   |                         | 2202                                                                                     | 0.55   |                         | 2346                                                                                   | 0.77                    |                         |  2312   | 0.81   |                         |                                                                                          |      |
| <b>07</b><br><b>QUI</b>                                                                                       | 0227 | 2.62   | <b>23</b><br><b>SÁB</b> | 0444                                                                                     | 2.76   | <b>07</b><br><b>DOM</b> | 0329                                                                                     | 2.52   | <b>23</b><br><b>TER</b> | 0557                                                                                     | 2.69   | <b>07</b><br><b>TER</b> | 0338                                                                                     | 2.68   | <b>23</b><br><b>QUI</b> | 0602                                                                                   | 2.58                    | <b>07</b><br><b>SEX</b> | 0459                                                                                       | 2.76   | <b>23</b><br><b>DOM</b> | 0046                                                                                     | 1.16 |
|                                                                                                               | 0836 | 0.89   |                         | 1112                                                                                     | 0.86   |                         | 0959                                                                                     | 0.83   |                         | 1227                                                                                     | 0.69   |                         | 1040                                                                                     | 0.68   |                         | 1234                                                                                   | 0.74                    |                         | 1242                                                                                       | 0.78   |                         | 0740                                                                                     | 2.52 |
|                                                                                                               | 1425 | 2.83   |                         | 1653                                                                                     | 2.80   |                         | 1540                                                                                     | 2.66   |                         | 1823                                                                                     | 2.53   |                         | 1606                                                                                     | 2.64   |                         | 1849                                                                                   | 2.29                    |                         | 1816                                                                                       | 2.44   |                         | 1416                                                                                     | 0.90 |
|                                                                                                               | 2106 | 0.78   |                         |       |        |                         | 2223                                                                                     | 0.69   |                         |                                                                                          |        |                         |  2251 | 0.63   |                         |                                                                                        |                         |                         | 2051                                                                                       | 2.42   |                         |                                                                                          |      |
| <b>08</b><br><b>SEX</b>                                                                                       | 0310 | 2.49   | <b>24</b><br><b>DOM</b> | 0025                                                                                     | 0.64   | <b>08</b><br><b>SEG</b> | 0425                                                                                     | 2.53   | <b>24</b><br><b>QUA</b> | 0038                                                                                     | 0.68   | <b>08</b><br><b>QUA</b> | 0434                                                                                     | 2.71   | <b>24</b><br><b>SEX</b> | 0040                                                                                   | 0.88                    | <b>08</b><br><b>SÁB</b> | 0017                                                                                       | 0.91   | <b>24</b><br><b>SEG</b> | 0208                                                                                     | 1.11 |
|                                                                                                               | 0910 | 0.99   |                         | 0546                                                                                     | 2.72   |                         | 1102                                                                                     | 0.87   |                         | 0649                                                                                     | 2.69   |                         | 1151                                                                                     | 0.70   |                         | 0704                                                                                   | 2.57                    |                         | 0629                                                                                       | 2.77   |                         | 0846                                                                                     | 2.71 |
|                                                                                                               | 1512 | 2.70   |                         | 1232                                                                                     | 0.87   |                         | 1646                                                                                     | 2.60   |                         | 1327                                                                                     | 0.68   |                         | 1712                                                                                     | 2.55   |                         | 1338                                                                                   | 0.76                    |                         | 1355                                                                                       | 0.77   |                         | 1534                                                                                     | 0.82 |
|                                                                                                               | 2155 | 0.86   |                         | 1802                                                                                     | 2.73   |                         |  2325 | 0.74   |                         | 1929                                                                                     | 2.48   |                         | 2346                                                                                     | 0.70   |                         | 2008                                                                                   | 2.31                    |                         | 1955                                                                                       | 2.54   |                         | 2138                                                                                     | 2.63 |
| <b>09</b><br><b>SÁB</b><br> | 0404 | 2.40   | <b>25</b><br><b>SEG</b> | 0116                                                                                     | 0.69   | <b>09</b><br><b>TER</b> | 0523                                                                                     | 2.62   | <b>25</b><br><b>QUI</b> | 0132                                                                                     | 0.73   | <b>09</b><br><b>QUI</b> | 0536                                                                                     | 2.77   | <b>25</b><br><b>SÁB</b> | 0142                                                                                   | 0.92                    | <b>09</b><br><b>DOM</b> | 0132                                                                                       | 0.93   | <b>25</b><br><b>TER</b> | 0310                                                                                     | 0.98 |
|                                                                                                               | 1002 | 1.09   |                         | 0644                                                                                     | 2.75   |                         | 1229                                                                                     | 0.83   |                         | 0742                                                                                     | 2.74   |                         | 1304                                                                                     | 0.68   |                         | 0806                                                                                   | 2.65                    |                         | 0801                                                                                       | 2.90   |                         | 0932                                                                                     | 2.90 |
|                                                                                                               | 1612 | 2.58   |                         | 1344                                                                                     | 0.80   |                         | 1755                                                                                     | 2.61   |                         | 1423                                                                                     | 0.64   |                         | 1827                                                                                     | 2.53   |                         | 1444                                                                                   | 0.73                    |                         | 1532                                                                                       | 0.71   |                         | 1636                                                                                     | 0.72 |
|                                                                                                               | 2249 | 0.94   |                         | 1910                                                                                     | 2.73   |                         |                                                                                          |        |                         | 2032                                                                                     | 2.51   |                         |                                                                                          |        |                         | 2106                                                                                   | 2.44                    |                         | 2102                                                                                       | 2.75   |                         | 2216                                                                                     | 2.82 |
| <b>10</b><br><b>DOM</b>                                                                                       | 0508 | 2.41   | <b>26</b><br><b>TER</b> | 0149                                                                                     | 0.71   | <b>10</b><br><b>QUA</b> | 0031                                                                                     | 0.75   | <b>26</b><br><b>SEX</b> | 0229                                                                                     | 0.74   | <b>10</b><br><b>SEX</b> | 0049                                                                                     | 0.75   | <b>26</b><br><b>DOM</b> | 0244                                                                                   | 0.90                    | <b>10</b><br><b>SEG</b> | 0247                                                                                       | 0.88   | <b>26</b><br><b>QUA</b> | 0404                                                                                     | 0.85 |
|                                                                                                               | 1114 | 1.16   |                         | 0734                                                                                     | 2.84   |                         | 0621                                                                                     | 2.77   |                         | 0831                                                                                     | 2.82   |                         | 0646                                                                                     | 2.85   |                         | 0902                                                                                   | 2.77                    |                         | 0908                                                                                       | 3.11   |                         | 1014                                                                                     | 3.05 |
|                                                                                                               | 1725 | 2.55   |                         | 1447                                                                                     | 0.69   |                         | 1342                                                                                     | 0.72   |                         | 1519                                                                                     | 0.60   |                         | 1416                                                                                     | 0.64   |                         | 1546                                                                                   | 0.69                    |                         | 1651                                                                                       | 0.58   |                         | 1727                                                                                     | 0.65 |
|                                                                                                               |      |        |                         | 2012                                                                                     | 2.78   |                         | 1902                                                                                     | 2.68   |                         | 2125                                                                                     | 2.57   |                         | 1953                                                                                     | 2.60   |                         | 2159                                                                                   | 2.58                    |                         | 2201                                                                                       | 2.96   |                         | 2259                                                                                     | 2.96 |
| <b>11</b><br><b>SEG</b>                                                                                       | 0019 | 0.97   | <b>27</b><br><b>QUA</b> | 0240                                                                                     | 0.69   | <b>11</b><br><b>QUI</b> | 0134                                                                                     | 0.74   | <b>27</b><br><b>SÁB</b> | 0317                                                                                     | 0.73   | <b>11</b><br><b>SÁB</b> | 0157                                                                                     | 0.76   | <b>27</b><br><b>SEG</b> | 0336                                                                                   | 0.84                    | <b>11</b><br><b>TER</b> | 0406                                                                                       | 0.78   | <b>27</b><br><b>QUI</b> | 0455                                                                                     | 0.74 |
|                                                                                                               | 0614 | 2.54   |                         | 0819                                                                                     | 2.95   |                         | 0723                                                                                     | 2.95   |                         | 0917                                                                                     | 2.89   |                         | 0802                                                                                     | 2.97   |                         | 0953                                                                                   | 2.88                    |                         | 1008                                                                                       | 3.28   |                         | 1055                                                                                     | 3.15 |
|                                                                                                               | 1304 | 1.08   |                         | 1542                                                                                     | 0.58   |                         | 1449                                                                                     | 0.60   |                         | 1612                                                                                     | 0.56   |                         | 1531                                                                                     | 0.58   |                         | 1644                                                                                   | 0.65                    |                         | 1755                                                                                       | 0.42   |                         | 1806                                                                                     | 0.59 |
|                                                                                                               | 1840 | 2.66   |                         | 2106                                                                                     | 2.84   |                         | 2010                                                                                     | 2.81   |                         | 2212                                                                                     | 2.63   |                         | 2102                                                                                     | 2.75   |                         | 2246                                                                                   | 2.69                    |                         | 2253                                                                                       | 3.12   |                         | 2340                                                                                     | 3.04 |
| <b>12</b><br><b>TER</b>                                                                                       | 0134 | 0.92   | <b>28</b><br><b>QUI</b> | 0327                                                                                     | 0.67   | <b>12</b><br><b>SEX</b> | 0240                                                                                     | 0.70   | <b>28</b><br><b>DOM</b> | 0402                                                                                     | 0.69   | <b>12</b><br><b>DOM</b> | 0310                                                                                     | 0.73   | <b>28</b><br><b>TER</b> | 0417                                                                                   | 0.77                    | <b>12</b><br><b>QUA</b> | 0525                                                                                       | 0.66   | <b>28</b><br><b>SEX</b> | 0540                                                                                     | 0.66 |
|                                                                                                               | 0719 | 2.77   |                         | 0906                                                                                     | 3.05   |                         | 0825                                                                                     | 3.13   |                         | 1004                                                                                     | 2.94   |                         | 0908                                                                                     | 3.12   |                         | 1036                                                                                   | 2.96                    |                         | 1106                                                                                       | 3.39   |                         | 1136                                                                                     | 3.20 |
|                                                                                                               | 1429 | 0.88   |                         | 1629                                                                                     | 0.51   |                         | 1557                                                                                     | 0.50   |                         | 1702                                                                                     | 0.55   |                         | 1647                                                                                     | 0.51   |                         | 1740                                                                                   | 0.61                    |                         | 1851                                                                                       | 0.28   |                         | 1851                                                                                     | 0.54 |
|                                                                                                               | 1947 | 2.85   |                         | 2151                                                                                     | 2.87   |                         | 2112                                                                                     | 2.93   |                         | 2259                                                                                     | 2.66   |                         | 2204                                                                                     | 2.89   |                         | 2327                                                                                   | 2.77                    |                         |  2347 | 3.26   |                         |     |      |
| <b>13</b><br><b>QUA</b>                                                                                       | 0244 | 0.83   | <b>29</b><br><b>SEX</b> | 0408                                                                                     | 0.64   | <b>13</b><br><b>SÁB</b> | 0347                                                                                     | 0.65   | <b>29</b><br><b>SEG</b> | 0453                                                                                     | 0.66   | <b>13</b><br><b>SEG</b> | 0416                                                                                     | 0.67   | <b>29</b><br><b>QUA</b> | 0502                                                                                   | 0.69                    | <b>13</b><br><b>QUI</b> | 0638                                                                                       | 0.52   | <b>29</b><br><b>SÁB</b> | 0012                                                                                     | 3.08 |
|                                                                                                               | 0816 | 0.34   |                         | 0949                                                                                     | 3.10   |                         | 0921                                                                                     | 3.26   |                         | 1049                                                                                     | 2.95   |                         | 1008                                                                                     | 3.24   |                         | 1117                                                                                   | 3.00                    |                         | 1201                                                                                       | 3.45   |                         | 0632                                                                                     | 0.59 |
|                                                                                                               | 1538 | 0.67   |                         | 1708                                                                                     | 0.48   |                         | 1706                                                                                     | 0.42   |                         | 1749                                                                                     | 0.54   |                         | 1757                                                                                     | 0.41   |                         | 1832                                                                                   | 0.57                    |                         | 1936                                                                                       | 0.22   |                         | 1214                                                                                     | 3.21 |
|                                                                                                               | 2047 | 3.05   |                         | 2234                                                                                     | 2.87   |                         | 2208                                                                                     | 3.03   |                         |  2342 | 2.68   |                         | 2301                                                                                     | 3.00   |                         |     |                         |                         | 1934                                                                                       | 0.54   |                         |                                                                                          |      |
| <b>14</b><br><b>QUI</b>                                                                                       | 0349 | 0.72   | <b>30</b><br><b>SÁB</b> | 0453                                                                                     | 0.63   | <b>14</b><br><b>DOM</b> | 0447                                                                                     | 0.59   | <b>30</b><br><b>TER</b> | 0527                                                                                     | 0.63   | <b>14</b><br><b>TER</b> | 0517                                                                                     | 0.60   | <b>30</b><br><b>QUI</b> | 0002                                                                                   | 2.82                    | <b>14</b><br><b>SEX</b> | 0042                                                                                       | 3.33   | <b>30</b><br><b>DOM</b> | 0040                                                                                     | 3.11 |
|                                                                                                               | 0904 | 3.26   |                         | 1025                                                                                     | 3.12   |                         | 1016                                                                                     | 3.34   |                         | 1127                                                                                     | 2.94   |                         | 1110                                                                                     | 3.31   |                         | 0547                                                                                   | 0.64                    |                         | 0738                                                                                       | 0.40   |                         | 0731                                                                                     | 0.55 |
|                                                                                                               | 1642 | 0.49   |                         | 1744                                                                                     | 0.48   |                         | 1812                                                                                     | 0.35   |                         | 1838                                                                                     | 0.53   |                         | 1859                                                                                     | 0.26   |                         | 1153                                                                                   | 3.02                    |                         | 1251                                                                                       | 3.46   |                         | 1238                                                                                     | 3.21 |
|                                                                                                               | 2138 | 3.21   |                         | 2316                                                                                     | 2.85   |                         | 2304                                                                                     | 3.09   |                         |                                                                                          |        |                         |  2357 | 3.10   |                         | 1910                                                                                   | 0.54                    |                         | 2006                                                                                       | 0.20   |                         | 1955                                                                                     | 0.55 |
| <b>15</b><br><b>SEX</b>                                                                                       | 0446 | 0.63   | <b>31</b><br><b>DOM</b> | 0525                                                                                     | 0.63   | <b>15</b><br><b>SEG</b> | 0540                                                                                     | 0.54   | <b>15</b><br><b>SEG</b> | 0540                                                                                     | 0.54   | <b>15</b><br><b>QUA</b> | 0625                                                                                     | 0.53   | <b>31</b><br><b>SEX</b> | 0042                                                                                   | 2.85                    | <b>15</b><br><b>SÁB</b> | 0125                                                                                       | 3.32   | <b>31</b><br><b>SEG</b> | 0114                                                                                     | 3.10 |
|                                                                                                               | 0953 | 3.42   |                         | 1104                                                                                     | 3.10   |                         | 1112                                                                                     | 3.37   |                         | 1210                                                                                     | 3.34   |                         | 1210                                                                                     | 3.34   |                         | 0625                                                                                   | 0.59                    |                         | 0816                                                                                       | 0.36   |                         | 0821                                                                                     | 0.54 |
|                                                                                                               | 1740 | 0.38   |                         | 1825                                                                                     | 0.50   |                         | 1908                                                                                     | 0.27   |                         | 1955                                                                                     | 0.14   |                         | 1229                                                                                     | 3.04   |                         | 1338                                                                                   | 3.40                    |                         | 1317                                                                                       | 3.17   |                         |                                                                                          |      |
|                                                                                                               | 2229 | 3.30   |                         |  2353 | 2.80   |                         |                                                                                          |        |                         |                                                                                          |        |                         | 1946                                                                                     | 0.50   |                         | 2047                                                                                   | 0.25                    |                         | 2031                                                                                       | 0.58   |                         |                                                                                          |      |
| <b>16</b><br><b>SÁB</b><br> | 0536 | 0.56   |                         |                                                                                          |        | <b>16</b><br><b>TER</b> | 0001                                                                                     | 3.12   |                         |                                                                                          |        | <b>16</b><br><b>QUI</b> | 0051                                                                                     | 3.17   |                         |                                                                                        | <b>16</b><br><b>DOM</b> | 0157                    | 3.26                                                                                       |        |                         |                                                                                          |      |
|                                                                                                               | 1042 | 3.50   |                         |                                                                                          | 0632   |                         | 0.50                                                                                     |        |                         | 0736                                                                                     | 0.44   |                         |                                                                                          |        | 0849                    | 0.36                                                                                   |                         |                         |                                                                                            |        |                         |                                                                                          |      |
|                                                                                                               | 1838 | 0.30   |                         |                                                                                          | 1208   |                         | 3.36                                                                                     |        |                         | 1259                                                                                     | 3.34   |                         |                                                                                          |        | 1412                    | 3.25                                                                                   |                         |                         |                                                                                            |        |                         |                                                                                          |      |
|                                                                                                               | 2319 | 3.3    |                         |                                                                                          |        |                         |                                                                                          |        |                         |                                                                                          |        |                         |                                                                                          |        |                         |                                                                                        |                         |                         |                                                                                            |        |                         |                                                                                          |      |

PORTO DE BELÉM (ESTADO DO PARÁ) - 2026

Latitude 01° 23'.8 S  
Comissão Volante CHM-314

Longitude 48° 29'.6 W  
101 Componentes  
Nível Médio 1.75 m

Fuso UTC -03.0 horas  
Carta 320

| Setembro  |      |      |           |      |      | Outubro   |      |      |           |      |      | Novembro  |      |      |           |      |      | Dezembro  |      |      |           |      |      |      |      |      |        |  |  |
|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|-----------|------|------|------|------|------|--------|--|--|
| HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      | HORA      |      |      | ALT(m)    |      |      | HORA |      |      | ALT(m) |  |  |
| 01<br>TER | 0138 | 3.08 | 17<br>QUI | 0242 | 2.83 | 01<br>QUI | 0149 | 3.15 | 17<br>SÁB | 0223 | 2.70 | 01<br>DOM | 0316 | 2.89 | 17<br>TER | 0338 | 2.50 | 01<br>TER | 0423 | 2.86 | 17<br>QUI | 0412 | 2.58 |      |      |      |        |  |  |
|           | 0847 | 0.57 |           | 0934 | 0.76 |           | 0940 | 0.61 |           | 0921 | 0.84 |           | 1117 | 0.69 |           | 1021 | 0.82 |           | 1132 | 0.58 |           | 1038 | 0.74 |      |      |      |        |  |  |
|           | 1355 | 3.07 |           | 1514 | 2.54 |           | 1427 | 2.93 |           | 1514 | 2.35 |           | 1631 | 2.62 |           | 1638 | 2.33 |           | 1714 | 2.76 |           | 1651 | 2.61 |      |      |      |        |  |  |
|           | 2044 | 0.65 |           | 2129 | 0.93 |           | 2104 | 0.79 |           | 2127 | 1.05 |           | ☾    | 2227 |           | 0.94 | ☾    |           | 2251 | 1.03 |           | ☾    | 2327 | 0.79 | ☾    | 2332 | 0.87   |  |  |
| 02<br>QUA | 0206 | 3.04 | 18<br>SEX | 0316 | 2.65 | 02<br>SEX | 0234 | 3.02 | 18<br>DOM | 0308 | 2.55 | 02<br>SEG | 0431 | 2.75 | 18<br>QUA | 0451 | 2.45 | 02<br>QUA | 0531 | 2.77 | 18<br>SEX | 0517 | 2.54 |      |      |      |        |  |  |
|           | 0936 | 0.63 |           | 1008 | 0.87 |           | 1031 | 0.72 |           | 1008 | 0.92 |           | 1217 | 0.73 |           | 1127 | 0.85 |           | 1214 | 0.65 |           | 1140 | 0.79 |      |      |      |        |  |  |
|           | 1438 | 2.92 |           | 1559 | 2.32 |           | 1517 | 2.72 |           | 1610 | 2.22 |           | 1751 | 2.62 |           | 1742 | 2.43 |           | 1808 | 2.78 |           | 1751 | 2.72 |      |      |      |        |  |  |
|           | 2117 | 0.73 |           | ☾    | 2202 |           | 1.08 | ☾    |           | 2212 | 1.16 |           | 2340 | 0.98 |           |      |      |           |      |      |           |      |      |      |      |      |        |  |  |
| 03<br>QUI | 0244 | 2.97 | 19<br>SÁB | 0355 | 2.49 | 03<br>SÁB | 0325 | 2.86 | 19<br>SEG | 0412 | 2.41 | 03<br>TER | 0601 | 2.73 | 19<br>QUI | 0012 | 0.99 | 03<br>QUI | 0040 | 0.77 | 19<br>SÁB | 0057 | 0.81 |      |      |      |        |  |  |
|           | 1029 | 0.73 |           | 1047 | 0.98 |           | 1131 | 0.81 |           | 1114 | 0.99 |           | 1319 | 0.73 |           | 0604 | 2.51 |           | 0636 | 2.74 |           | 0627 | 2.58 |      |      |      |        |  |  |
|           | 1529 | 2.72 |           | 1702 | 2.17 |           | 1631 | 2.54 |           | 1721 | 2.20 |           | 1859 | 2.74 |           | 1238 | 0.84 |           | 1251 | 0.68 |           | 1247 | 0.81 |      |      |      |        |  |  |
|           | 2201 | 0.85 |           | 2253 | 1.22 |           | ☾    | 2246 |           | 1.05 | 2319 |           | 1.22 |      |           |      | 1842 |           | 2.63 | 1902 |           | 2.85 | 1851 | 2.87 |      |      |        |  |  |
| 04<br>SEX | 0336 | 2.85 | 20<br>DOM | 0510 | 2.37 | 04<br>DOM | 0440 | 2.72 | 20<br>TER | 0538 | 2.38 | 04<br>QUA | 0127 | 0.91 | 20<br>SEX | 0132 | 0.85 | 04<br>SEX | 0147 | 0.71 | 20<br>DOM | 0214 | 0.71 |      |      |      |        |  |  |
|           | 1129 | 0.83 |           | 1225 | 1.05 |           | 1240 | 0.84 |           | 1238 | 0.99 |           | 0719 | 2.84 |           | 0714 | 2.66 |           | 0742 | 2.76 |           | 0740 | 2.69 |      |      |      |        |  |  |
|           | 1636 | 2.52 |           | 1832 | 2.16 |           | 1808 | 2.51 |           | 1846 | 2.34 |           | 1419 | 0.70 |           | 1338 | 0.78 |           | 1342 | 0.69 |           | 1355 | 0.80 |      |      |      |        |  |  |
|           | ☾    | 2255 |           | 0.99 |      |           |      |      |           |      |      |           | 1955 | 2.91 |           | 1938 | 2.87 |           | 1955 | 2.94 |           | 1955 | 3.04 |      |      |      |        |  |  |
| 05<br>SÁB | 0449 | 2.74 | 21<br>SEG | 0006 | 1.29 | 05<br>SEG | 0001 | 1.12 | 21<br>QUA | 0055 | 1.15 | 05<br>QUI | 0238 | 0.75 | 21<br>SÁB | 0238 | 0.69 | 05<br>SÁB | 0246 | 0.65 | 21<br>SEG | 0327 | 0.62 |      |      |      |        |  |  |
|           | 1240 | 0.87 |           | 0646 | 2.41 |           | 0623 | 2.72 |           | 0706 | 2.52 |           | 0821 | 2.98 |           | 0819 | 2.84 |           | 0840 | 2.80 |           | 0847 | 2.84 |      |      |      |        |  |  |
|           | 1816 | 2.44 |           | 1351 | 1.00 |           | 1353 | 0.79 |           | 1349 | 0.91 |           | 1516 | 0.67 |           | 1438 | 0.72 |           | 1434 | 0.70 |           | 1514 | 0.75 |      |      |      |        |  |  |
|           |      |      |           | 2012 | 2.38 |           | 1934 | 2.69 |           | 1957 | 2.61 |           | 2040 | 3.07 |           | 2032 | 3.10 |           | 2040 | 3.03 |           | 2057 | 3.21 |      |      |      |        |  |  |
| 06<br>DOM | 0004 | 1.09 | 22<br>TER | 0146 | 1.21 | 06<br>TER | 0140 | 1.04 | 22<br>QUI | 0214 | 0.96 | 06<br>SEX | 0340 | 0.61 | 22<br>DOM | 0342 | 0.56 | 06<br>DOM | 0338 | 0.59 | 22<br>TER | 0436 | 0.53 |      |      |      |        |  |  |
|           | 0627 | 2.73 |           | 0812 | 2.62 |           | 0749 | 2.91 |           | 0816 | 2.76 |           | 0914 | 3.08 |           | 0910 | 3.00 |           | 0931 | 2.84 |           | 0946 | 2.97 |      |      |      |        |  |  |
|           | 1404 | 0.84 |           | 1508 | 0.89 |           | 1502 | 0.70 |           | 1449 | 0.81 |           | 1534 | 0.63 |           | 1542 | 0.66 |           | 1525 | 0.69 |           | 1616 | 0.69 |      |      |      |        |  |  |
|           | 1951 | 2.61 |           | 2101 | 2.66 |           | 2032 | 2.93 |           | 2044 | 2.89 |           | 2121 | 3.19 |           | 2121 | 3.27 |           | 2121 | 3.09 |           | 2155 | 3.34 |      |      |      |        |  |  |
| 07<br>SEG | 0132 | 1.07 | 23<br>QUA | 0255 | 1.02 | 07<br>QUA | 0259 | 0.86 | 23<br>SEX | 0321 | 0.75 | 07<br>SÁB | 0436 | 0.51 | 23<br>SEG | 0444 | 0.48 | 07<br>SEG | 0427 | 0.57 | 23<br>QUA | 0542 | 0.46 |      |      |      |        |  |  |
|           | 0759 | 2.92 |           | 0901 | 2.87 |           | 0849 | 3.13 |           | 0859 | 2.99 |           | 1001 | 3.12 |           | 0959 | 3.11 |           | 1016 | 2.84 |           | 1036 | 3.07 |      |      |      |        |  |  |
|           | 1534 | 0.73 |           | 1602 | 0.77 |           | 1602 | 0.60 |           | 1547 | 0.71 |           | 1617 | 0.61 |           | 1640 | 0.61 |           | 1608 | 0.67 |           | 1710 | 0.63 |      |      |      |        |  |  |
|           | 2055 | 2.86 |           | 2144 | 2.90 |           | 2119 | 3.14 |           | 2121 | 3.12 |           | 2159 | 3.24 |           | 2208 | 3.37 |           | 2206 | 3.10 |           | 2249 | 3.41 |      |      |      |        |  |  |
| 08<br>TER | 0257 | 0.95 | 24<br>QUI | 0351 | 0.84 | 08<br>QUI | 0408 | 0.67 | 24<br>SÁB | 0423 | 0.60 | 08<br>DOM | 0523 | 0.49 | 24<br>TER | 0544 | 0.44 | 08<br>TER | 0512 | 0.57 | 24<br>QUI | 0647 | 0.36 |      |      |      |        |  |  |
|           | 0902 | 3.15 |           | 0944 | 3.08 |           | 0942 | 3.29 |           | 0942 | 3.16 |           | 1044 | 3.10 |           | 1049 | 3.15 |           | 1057 | 2.82 |           | 1129 | 3.15 |      |      |      |        |  |  |
|           | 1642 | 0.57 |           | 1653 | 0.67 |           | 1653 | 0.52 |           | 1640 | 0.64 |           | 1655 | 0.61 |           | 1731 | 0.58 |           | 1657 | 0.66 |           | 1806 | 0.58 |      |      |      |        |  |  |
|           | 2146 | 3.10 |           | 2217 | 3.07 |           | 2202 | 3.28 |           | 2157 | 3.28 |           | 2232 | 3.23 |           | ☺    | 2301 |           | 3.40 | 2247 |           | 3.08 | ☺    | 2342 | 3.43 |      |        |  |  |
| 09<br>QUA | 0421 | 0.77 | 25<br>SEX | 0446 | 0.68 | 09<br>SEX | 0504 | 0.52 | 25<br>DOM | 0519 | 0.50 | 09<br>SEG | 0544 | 0.51 | 25<br>QUA | 0646 | 0.40 | 09<br>QUA | 0547 | 0.60 | 25<br>SEX | 0747 | 0.26 |      |      |      |        |  |  |
|           | 0959 | 3.34 |           | 1025 | 3.21 |           | 1034 | 3.36 |           | 1025 | 3.25 |           | 1127 | 3.02 |           | 1140 | 3.16 |           | 1138 | 2.78 |           | 1227 | 3.20 |      |      |      |        |  |  |
|           | 1736 | 0.45 |           | 1740 | 0.61 |           | 1740 | 0.50 |           | 1729 | 0.60 |           | 1727 | 0.62 |           | 1817 | 0.56 |           | 1732 | 0.67 |           | 1908 | 0.54 |      |      |      |        |  |  |
|           | 2236 | 3.27 |           | 2246 | 3.20 |           | 2240 | 3.35 |           | 2236 | 3.37 |           | ☺    | 2310 |           | 3.18 | 2353 |           | 3.38 | ☺    |           | 2325 | 3.03 |      |      |      |        |  |  |
| 10<br>QUI | 0531 | 0.59 | 26<br>SÁB | 0540 | 0.58 | 10<br>SÁB | 0553 | 0.43 | 26<br>SEG | 0614 | 0.46 | 10<br>TER | 0625 | 0.54 | 26<br>QUI | 0747 | 0.37 | 10<br>QUI | 0631 | 0.62 | 26<br>SÁB | 0032 | 3.44 |      |      |      |        |  |  |
|           | 1051 | 3.46 |           | 1057 | 3.29 |           | 1121 | 3.35 |           | 1110 | 3.27 |           | 1157 | 2.93 |           | 1232 | 3.13 |           | 1214 | 2.73 |           | 0838 | 0.20 |      |      |      |        |  |  |
|           | 1816 | 0.38 |           | 1816 | 0.59 |           | 1816 | 0.54 |           | 1812 | 0.58 |           | 1802 | 0.63 |           | 1902 | 0.57 |           | 1804 | 0.66 |           | 1321 | 3.21 |      |      |      |        |  |  |
|           | 2327 | 3.37 |           | ☺    | 2323 |           | 3.27 | ☺    |           | 2325 | 3.35 |           | ☺    | 2321 |           | 3.39 | 2347 |           | 3.10 |      |           |      | 1947 | 0.51 |      |      |        |  |  |
| 11<br>SEX | 0627 | 0.46 | 27<br>DOM | 0636 | 0.51 | 11<br>DOM | 0642 | 0.41 | 27<br>TER | 0657 | 0.44 | 11<br>QUA | 0651 | 0.60 | 27<br>SEX | 0042 | 3.32 | 11<br>SEX | 0002 | 2.98 | 27<br>DOM | 0125 | 3.41 |      |      |      |        |  |  |
|           | 1146 | 3.50 |           | 1134 | 3.32 |           | 1153 | 3.28 |           | 1153 | 3.25 |           | 1232 | 2.82 |           | 0844 | 0.35 |           | 0714 | 0.64 |           | 0912 | 0.19 |      |      |      |        |  |  |
|           | 1859 | 0.33 |           | 1851 | 0.57 |           | 1834 | 0.56 |           | 1846 | 0.59 |           | 1840 | 0.66 |           | 1323 | 3.07 |           | 1247 | 2.69 |           | 1414 | 3.18 |      |      |      |        |  |  |
|           | ☺    |      |           | 2355 | 3.30 |           | 2349 | 3.29 |           |      |      |           |      |      |           | 1944 | 0.59 |           | 1842 | 0.67 |           | 2042 | 0.49 |      |      |      |        |  |  |
| 12<br>SÁB | 0008 | 3.39 | 28<br>SEG | 0729 | 0.49 | 12<br>SEG | 0719 | 0.47 | 28<br>QUA | 0006 | 3.36 | 12<br>QUI | 0019 | 3.01 | 28<br>SÁB | 0127 | 3.25 | 12<br>SÁB | 0036 | 2.93 | 28<br>SEG | 0217 | 3.32 |      |      |      |        |  |  |
|           | 0708 | 0.39 |           | 1217 | 3.30 |           | 1232 | 3.16 |           | 0751 | 0.44 |           | 0725 | 0.63 |           | 0932 | 0.38 |           | 0729 | 0.63 |           | 0957 | 0.24 |      |      |      |        |  |  |
|           | 1234 | 3.45 |           | 1934 | 0.58 |           | 1859 | 0.61 |           | 1242 | 3.18 |           | 1301 | 2.71 |           | 1417 | 2.98 |           | 1317 | 2.65 |           | 1457 | 3.12 |      |      |      |        |  |  |
|           | 1942 | 0.37 |           |      |      |           |      |      |           | 1927 | 0.61 |           | 1906 | 0.70 |           | 2031 | 0.63 |           | 1910 | 0.67 | 2136      | 0.51 |      |      |      |      |        |  |  |
| 13<br>DOM | 0046 | 3.37 | 29<br>TER | 0034 | 3.28 | 13<br>TER | 0023 | 3.20 | 29<br>QUI | 0053 | 3.29 | 13<br>SEX | 0051 | 2.92 | 29<br>DOM | 0217 | 3.14 | 13<br>DOM | 0108 | 2.88 | 29<br>TER | 0308 | 3.18 |      |      |      |        |  |  |
|           | 0751 | 0.36 |           | 0812 | 0.50 |           | 0742 | 0.54 |           | 0846 | 0.46 |           | 0744 | 0.66 |           | 1012 | 0.44 |           | 0757 | 0.63 |           | 1036 | 0.37 |      |      |      |        |  |  |
|           | 1304 | 3.34 |           | 1257 | 3.23 |           | 1259 | 3.01 |           | 1329 | 3.07 |           | 1331 | 2.62 |           | 1517 | 2.87 |           | 1349 | 2.61 |           | 1547 | 3.02 |      |      |      |        |  |  |
|           | 1959 | 0.47 |           | 1955 | 0.64 |           | 1921 | 0.66 |           | 2006 | 0.66 |           | 1944 | 0.75 |           | 2121 | 0.69 |           | 1953 | 0.69 |           | 2227 | 0.58 |      |      |      |        |  |  |
| 14<br>SEG | 0121 | 3.27 | 30<br>QUA | 0110 | 3.23 | 14<br>QUA | 0055 | 3.10 | 30<br>SEX | 0138 | 3.18 | 14<br>SÁB | 0123 | 2.83 | 30<br>SEG | 0317 | 2.99 | 14<br>SEG | 0144 | 2.83 | 30<br>QUA | 0359 | 3.01 |      |      |      |        |  |  |
|           | 0829 | 0.44 |           | 0849 | 0.54 |           | 0812 | 0.62 |           | 0938 | 0.53 |           | 0814 | 0.68 |           | 1051 | 0.51 |           | 0823 | 0.62 |           | 1047 | 0.51 |      |      |      |        |  |  |
|           | 1338 | 3.19 |           | 1342 | 3.11 |           | 1329 | 2.85 |           | 1417 | 2.92 |           | 1404 | 2.52 |           | 1617 | 2.79 |           | 1423 | 2.58 |           | 1638 | 2.92 |      |      |      |        |  |  |
|           | 2021 | 0.55 |           | 2029 | 0.70 |           | 1953 | 0.72 |           | 2047 | 0.74 |           | 2014 | 0.81 |           | 2217 | 0.75 |           | 2034 | 0.74 |           | ☾    | 2317 | 0.66 |      |      |        |  |  |
| 15<br>TER | 0142 | 3.15 |           |      |      | 15<br>QUI | 0125 | 2.97 | 31<br>SÁB | 0221 | 3.05 | 15<br>DOM | 0201 | 2.73 |           |      |      | 15<br>TER | 0221 | 2.76 | 31<br>QUI | 0455 | 2.83 |      |      |      |        |  |  |
|           | 0849 | 0.54 |           | 0831 | 0.69 |           | 1027 | 0.61 |           | 0855 | 0.72 |           | 0902 | 0.64 |           | 0902 | 0.64 |           | 1123 | 0.62 |           |      |      |      |      |      |        |  |  |
|           | 1406 | 2.99 |           | 1357 | 2.69 |           | 1516 | 2.74 |           | 1446 | 2.42 |           | 1506 | 2.56 |           | 1506 | 2.56 |           | 1725 | 2.83 |           |      |      |      |      |      |        |  |  |
|           | 2038 | 0.66 |           | 2017 | 0.82 |           | 2132 | 0.85 |           | 2101 | 0.88 |           | 2117 | 0.79 |           |      |      |           |      |      |           |      |      |      |      |      |        |  |  |
| 16<br>QUA | 0210 | 3.00 |           |      |      | 16<br>SEX | 0153 | 2.84 |           |      |      | 16<br>SEG | 0244 | 2.61 |           |      |      | 16<br>QUA | 0312 | 2.67 |           |      |      |      |      |      |        |  |  |
|           | 0916 | 0.65 |           | 0853 | 0.76 |           | 0932 | 0.77 |           | 0932 | 0.77 |           | 0949 | 0.68 |           |      |      |           |      |      |           |      |      |      |      |      |        |  |  |
|           | 1440 | 2.77 |           | 1431 | 2.52 |           | 1534 | 2.34 |           | 1534 | 2.34 |           | 1553 | 2.55 |           |      |      |           |      |      |           |      |      |      |      |      |        |  |  |
|           | 2102 | 0.78 |           | 2053 | 0.92 |           | 2151 | 0.97 |           | 2151 | 0.97 |           | 2214 | 0.85 |           |      |      |           |      |      |           |      |      |      |      |      |        |  |  |