



| OCTOBER   |      |         |           | NOVEMBER |         |           |      | DECEMBER |           |      |         |           |           |         |
|-----------|------|---------|-----------|----------|---------|-----------|------|----------|-----------|------|---------|-----------|-----------|---------|
|           | TIME | HT (m.) |           | TIME     | HT (m.) |           | TIME | HT (m.)  |           | TIME | HT (m.) |           | TIME      | HT (m.) |
| <b>1</b>  | 0024 | 1.56    | <b>16</b> | 0420     | 2.42    | <b>1</b>  | 0026 | 0.86     | <b>16</b> | 0030 | 0.74    | <b>1</b>  | 0027      | 0.78    |
| <b>TU</b> | 0456 | 2.30    | <b>WE</b> | 1055     | 1.03    | <b>FR</b> | 0641 | 2.89     | <b>SA</b> | 0649 | 3.15    | <b>SU</b> | 0726      | 3.10    |
|           | 1145 | 0.90    |           | 1725     | 3.00    | ☀️        | 1229 | 1.72     | ☀️        | 1211 | 2.19    | ☀️        | 1256      | 2.32    |
|           | 1815 | 2.92    |           |          |         |           | 1703 | 2.72     |           | 1624 | 2.91    |           | 1605      | 2.64    |
| <b>2</b>  | 0045 | 1.31    | <b>17</b> | 0018     | 1.26    | <b>2</b>  | 0056 | 0.77     | <b>17</b> | 0120 | 0.66    | <b>2</b>  | 0109      | 0.80    |
| <b>WE</b> | 0549 | 2.51    | <b>TH</b> | 0530     | 2.73    | <b>SA</b> | 0715 | 3.02     | <b>SU</b> | 0751 | 3.25    | <b>MO</b> | 0806      | 3.12    |
|           | 1224 | 0.95    | ☀️        | 1152     | 1.18    |           | 1302 | 1.85     |           | 1252 | 2.41    |           | 1329      | 2.42    |
|           | 1827 | 2.89    |           | 1743     | 2.98    |           | 1716 | 2.71     |           | 1655 | 2.90    |           | 1634      | 2.67    |
| <b>3</b>  | 0107 | 1.10    | <b>18</b> | 0057     | 0.96    | <b>3</b>  | 0127 | 0.76     | <b>18</b> | 0211 | 0.66    | <b>3</b>  | 0155      | 0.84    |
| <b>TH</b> | 0636 | 2.67    | <b>FR</b> | 0630     | 2.98    | <b>SU</b> | 0745 | 3.08     | <b>MO</b> | 0859 | 3.25    | <b>TU</b> | 0859      | 3.11    |
| ☀️        | 1257 | 1.06    |           | 1239     | 1.41    |           | 1330 | 1.99     |           | 1321 | 2.60    |           | 1353      | 2.52    |
|           | 1838 | 2.85    |           | 1749     | 2.95    |           | 1732 | 2.71     |           | 1728 | 2.89    |           | 1703      | 2.70    |
| <b>4</b>  | 0131 | 0.93    | <b>19</b> | 0137     | 0.76    | <b>4</b>  | 0200 | 0.79     | <b>19</b> | 0259 | 0.71    | <b>4</b>  | 0238      | 0.86    |
| <b>FR</b> | 0716 | 2.78    | <b>SA</b> | 0725     | 3.13    | <b>MO</b> | 0814 | 3.09     | <b>TU</b> | 1006 | 3.22    | <b>WE</b> | 0958      | 3.11    |
|           | 1324 | 1.23    |           | 1317     | 1.70    |           | 1356 | 2.13     |           | 1354 | 2.72    |           | 1415      | 2.60    |
|           | 1847 | 2.81    |           | 1758     | 2.94    |           | 1751 | 2.71     |           | 1803 | 2.87    |           | 1730      | 2.73    |
| <b>5</b>  | 0159 | 0.83    | <b>20</b> | 0218     | 0.65    | <b>5</b>  | 0232 | 0.83     | <b>20</b> | 0341 | 0.77    | <b>5</b>  | 0315      | 0.86    |
| <b>SA</b> | 0751 | 2.85    | <b>SU</b> | 0821     | 3.17    | <b>TU</b> | 0848 | 3.07     | <b>WE</b> | 1105 | 3.17    | <b>TH</b> | 1047      | 3.12    |
|           | 1348 | 1.42    |           | 1350     | 1.99    |           | 1422 | 2.26     |           | 1435 | 2.77    |           | 1449      | 2.65    |
|           | 1853 | 2.78    |           | 1818     | 2.94    |           | 1809 | 2.72     |           | 1839 | 2.82    |           | 1759      | 2.75    |
| <b>6</b>  | 0226 | 0.77    | <b>21</b> | 0300     | 0.63    | <b>6</b>  | 0305 | 0.85     | <b>21</b> | 0414 | 0.84    | <b>6</b>  | 0342      | 0.84    |
| <b>SU</b> | 0821 | 2.88    | <b>MO</b> | 0923     | 3.13    | <b>WE</b> | 0943 | 3.02     | <b>TH</b> | 1153 | 3.12    | <b>FR</b> | 1126      | 3.12    |
|           | 1411 | 1.62    |           | 1420     | 2.26    |           | 1453 | 2.40     |           |      |         |           | 1538      | 2.65    |
|           | 1858 | 2.75    |           | 1845     | 2.93    |           | 1827 | 2.73     |           |      |         |           | 1836      | 2.74    |
| <b>7</b>  | 0252 | 0.75    | <b>22</b> | 0341     | 0.66    | <b>7</b>  | 0337 | 0.85     | <b>22</b> | 0435 | 0.93    | <b>7</b>  | 0400      | 0.84    |
| <b>MO</b> | 0849 | 2.88    | <b>TU</b> | 1036     | 3.06    | <b>TH</b> | 1105 | 2.98     | <b>FR</b> | 1232 | 3.05    | <b>SA</b> | 1155      | 3.11    |
|           | 1434 | 1.83    |           | 1454     | 2.47    |           | 1530 | 2.52     |           |      |         |           | 1645      | 2.58    |
|           | 1904 | 2.73    |           | 1915     | 2.88    |           | 1845 | 2.74     |           |      |         |           | 1926      | 2.66    |
| <b>8</b>  | 0318 | 0.75    | <b>23</b> | 0420     | 0.73    | <b>8</b>  | 0410 | 0.85     | <b>23</b> | 0446 | 1.04    | <b>8</b>  | 0418      | 0.91    |
| <b>TU</b> | 0926 | 2.85    | <b>WE</b> | 1154     | 3.00    | <b>FR</b> | 1217 | 2.97     | <b>SA</b> | 1300 | 2.96    | <b>SU</b> | 1217      | 3.08    |
|           | 1500 | 2.04    |           | 1532     | 2.63    |           | 1623 | 2.62     | ☾         |      |         | ☾         | 1759      | 2.41    |
|           | 1912 | 2.72    |           | 1940     | 2.80    |           | 1904 | 2.71     |           |      |         | ☾         | 2030      | 2.49    |
| <b>9</b>  | 0346 | 0.76    | <b>24</b> | 0457     | 0.83    | <b>9</b>  | 0446 | 0.87     | <b>24</b> | 0501 | 1.19    | <b>9</b>  | 0445      | 1.08    |
| <b>WE</b> | 1018 | 2.77    | <b>TH</b> | 1306     | 2.94    | <b>SA</b> | 1314 | 2.97     | <b>SU</b> | 1315 | 2.88    | <b>MO</b> | 1234      | 3.02    |
|           | 1529 | 2.26    | ☾         |          |         | ☾         |      |          |           |      |         |           | 1917      | 2.14    |
|           | 1922 | 2.72    |           |          |         |           |      |          |           |      |         |           | 2223      | 2.26    |
| <b>10</b> | 0420 | 0.77    | <b>25</b> | 0529     | 0.94    | <b>10</b> | 0530 | 0.95     | <b>25</b> | 0530 | 1.40    | <b>10</b> | 0523      | 1.37    |
| <b>TH</b> | 1209 | 2.70    | <b>FR</b> | 1412     | 2.90    | <b>SU</b> | 1401 | 2.97     | <b>MO</b> | 1322 | 2.82    | <b>TU</b> | 1242      | 2.96    |
|           | 1558 | 2.47    |           |          |         |           |      |          |           | 2200 | 1.83    |           | 2031      | 1.77    |
|           | 1931 | 2.72    |           |          |         |           |      |          |           |      |         |           |           |         |
| <b>11</b> | 0506 | 0.79    | <b>26</b> | 0601     | 1.06    | <b>11</b> | 0624 | 1.10     | <b>26</b> | 0057 | 1.95    | <b>11</b> | 0044      | 2.17    |
| <b>FR</b> | 1359 | 2.73    | <b>SA</b> | 1511     | 2.87    | <b>MO</b> | 1439 | 2.96     | <b>TU</b> | 0619 | 1.69    | <b>WE</b> | 0619      | 1.76    |
| ☾         |      |         |           |          |         |           | 2151 | 2.03     |           | 1343 | 2.77    |           | 1255      | 2.92    |
|           |      |         |           |          |         |           |      |          |           | 2215 | 1.49    |           | 2130      | 1.39    |
| <b>12</b> | 0605 | 0.83    | <b>27</b> | 0647     | 1.20    | <b>12</b> | 0024 | 2.12     | <b>27</b> | 0424 | 2.14    | <b>12</b> | 0330      | 2.35    |
| <b>SA</b> | 1526 | 2.82    | <b>SU</b> | 1549     | 2.85    | <b>TU</b> | 0730 | 1.32     | <b>WE</b> | 0738 | 2.00    | <b>TH</b> | 0739      | 2.16    |
|           |      |         |           |          |         |           | 1507 | 2.94     |           | 1413 | 2.72    |           | 1323      | 2.89    |
|           |      |         |           |          |         |           | 2220 | 1.64     |           | 2241 | 1.18    |           | 2224      | 1.05    |
| <b>13</b> | 0714 | 0.88    | <b>28</b> | 0756     | 1.35    | <b>13</b> | 0254 | 2.26     | <b>28</b> | 0532 | 2.50    | <b>13</b> | 0534      | 2.72    |
| <b>SU</b> | 1615 | 2.91    | <b>MO</b> | 1611     | 2.83    | <b>WE</b> | 0850 | 1.55     | <b>TH</b> | 1019 | 2.16    | <b>FR</b> | 0941      | 2.45    |
|           |      |         |           | 2311     | 1.62    |           | 1526 | 2.92     |           | 1444 | 2.68    |           | 1400      | 2.86    |
|           |      |         |           |          |         |           | 2259 | 1.26     |           | 2313 | 0.94    |           | 2319      | 0.82    |
| <b>14</b> | 0830 | 0.92    | <b>29</b> | 0353     | 2.13    | <b>14</b> | 0442 | 2.60     | <b>29</b> | 0614 | 2.80    | <b>14</b> | 0640      | 3.02    |
| <b>MO</b> | 1641 | 2.97    | <b>TU</b> | 0930     | 1.47    | <b>TH</b> | 1014 | 1.76     | <b>FR</b> | 1130 | 2.20    | <b>SA</b> | 1104      | 2.61    |
|           | 2325 | 1.93    |           | 1626     | 2.81    |           | 1537 | 2.91     |           | 1512 | 2.64    |           | 1441      | 2.83    |
|           |      |         |           | 2331     | 1.30    |           | 2343 | 0.94     |           | 2348 | 0.81    |           |           |         |
| <b>15</b> | 0229 | 2.14    | <b>30</b> | 0508     | 2.41    | <b>15</b> | 0549 | 2.93     | <b>30</b> | 0650 | 3.00    | <b>15</b> | 0020      | 0.71    |
| <b>TU</b> | 0947 | 0.96    | <b>WE</b> | 1053     | 1.54    | <b>FR</b> | 1119 | 1.96     | <b>SA</b> | 1217 | 2.25    | <b>SU</b> | 0741      | 3.20    |
|           | 1703 | 3.00    |           | 1639     | 2.79    |           | 1557 | 2.91     |           | 1538 | 2.63    | ☀️        | 1318      | 2.74    |
|           | 2345 | 1.60    |           | 2358     | 1.04    |           |      |          |           |      |         | ☀️        | 1523      | 2.81    |
|           |      |         | <b>31</b> | 0600     | 2.68    |           |      |          |           |      |         |           |           |         |
|           |      |         | <b>TH</b> | 1148     | 1.61    |           |      |          |           |      |         |           |           |         |
|           |      |         |           | 1652     | 2.75    |           |      |          |           |      |         |           |           |         |
|           |      |         |           |          |         |           |      |          |           |      |         |           | <b>31</b> | 0107    |
|           |      |         |           |          |         |           |      |          |           |      |         |           | <b>TU</b> | 0849    |
|           |      |         |           |          |         |           |      |          |           |      |         |           | ☀️        | 1433    |
|           |      |         |           |          |         |           |      |          |           |      |         |           |           | 0.79    |
|           |      |         |           |          |         |           |      |          |           |      |         |           |           | 3.13    |
|           |      |         |           |          |         |           |      |          |           |      |         |           |           | 2.58    |