

# AUSTRALIA, EAST COAST – HAY POINT

LAT 21° 16' S LONG 149° 18' E

Times and Heights of High and Low Waters

# 2015

Time Zone -1000

## JANUARY

## FEBRUARY

## MARCH

## APRIL

| Time m    |   | Time m    |   | Time m    |   | Time m    |   | Time m    |   |           |   |           |   |           |   |
|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|
| <b>1</b>  | 0201 1.02<br>0819 6.01<br>TH 1446 1.41<br>2034 5.23   | <b>16</b> | 0111 1.55<br>0737 5.47<br>FR 1401 1.87<br>1947 4.97   | <b>1</b>  | 0324 1.07<br>0933 6.26<br>SU 1604 1.24<br>2152 5.28   | <b>16</b> | 0230 1.06<br>0847 6.35<br>MO 1521 1.13<br>2108 5.56   | <b>1</b>  | 0223 1.44<br>0833 5.98<br>SU 1504 1.35<br>2058 5.28   | <b>16</b> | 0113 1.61<br>0733 5.90<br>MO 1410 1.39<br>2003 5.34   | <b>1</b>  | 0316 1.37<br>0916 5.91<br>WE 1538 1.16<br>2138 5.60   | <b>16</b> | 0249 0.96<br>0848 6.39<br>TH 1522 0.56<br>2119 6.25   |
| <b>2</b>  | 0251 0.91<br>0906 6.22<br>FR 1536 1.26<br>2121 5.24   | <b>17</b> | 0201 1.22<br>0824 5.91<br>SA 1451 1.52<br>2036 5.20   | <b>2</b>  | 0401 1.04<br>1009 6.29<br>MO 1638 1.23<br>2226 5.30   | <b>17</b> | 0321 0.73<br>0933 6.70<br>TU 1608 0.81<br>2154 5.84   | <b>2</b>  | 0306 1.26<br>0912 6.11<br>MO 1540 1.23<br>2133 5.41   | <b>17</b> | 0213 1.18<br>0824 6.33<br>TU 1500 0.97<br>2052 5.75   | <b>2</b>  | 0348 1.29<br>0946 5.91<br>TH 1606 1.11<br>2206 5.70   | <b>17</b> | 0339 0.72<br>0933 6.46<br>FR 1605 0.39<br>2203 6.52   |
| <b>3</b>  | 0335 0.87<br>0947 6.33<br>SA 1618 1.20<br>2203 5.21   | <b>18</b> | 0249 0.93<br>0907 6.29<br>SU 1539 1.22<br>2123 5.40   | <b>3</b>  | 0433 1.05<br>1040 6.27<br>TU 1708 1.24<br>2256 5.30   | <b>18</b> | 0409 0.48<br>1016 6.94<br>WE 1653 0.56<br>2240 6.08   | <b>3</b>  | 0342 1.18<br>0945 6.16<br>TU 1611 1.19<br>2204 5.48   | <b>18</b> | 0305 0.82<br>0911 6.64<br>WE 1547 0.65<br>2138 6.09   | <b>3</b>  | 0418 1.26<br>1013 5.86<br>FR 1632 1.08<br>2232 5.78   | <b>18</b> | 0426 0.60<br>1018 6.40<br>SA 1646 0.33<br>2246 6.67   |
| <b>4</b>  | 0413 0.89<br>1024 6.35<br>SU 1656 1.21<br>2240 5.16   | <b>19</b> | 0336 0.69<br>0951 6.61<br>MO 1625 0.97<br>2209 5.57   | <b>4</b>  | 0503 1.09<br>1110 6.20<br>WE 1736 1.28<br>○ 2324 5.29 | <b>19</b> | 0456 0.33<br>1100 7.04<br>TH 1736 0.43<br>● 2325 6.22 | <b>4</b>  | 0413 1.15<br>1016 6.15<br>WE 1639 1.18<br>2232 5.53   | <b>19</b> | 0354 0.55<br>0955 6.82<br>TH 1630 0.42<br>2222 6.37   | <b>4</b>  | 0447 1.26<br>1040 5.77<br>SA 1657 1.08<br>○ 2258 5.82 | <b>19</b> | 0511 0.60<br>1101 6.22<br>SU 1725 0.41<br>● 2329 6.67 |
| <b>5</b>  | 0448 0.96<br>1058 6.30<br>MO 1729 1.26<br>○ 2315 5.10 | <b>20</b> | 0423 0.51<br>1035 6.84<br>TU 1711 0.78<br>● 2256 5.71 | <b>5</b>  | 0529 1.17<br>1136 6.09<br>TH 1801 1.33<br>2351 5.26   | <b>20</b> | 0541 0.33<br>1143 6.94<br>FR 1817 0.44                | <b>5</b>  | 0442 1.15<br>1044 6.09<br>TH 1706 1.17<br>2258 5.57   | <b>20</b> | 0441 0.40<br>1039 6.84<br>FR 1711 0.31<br>● 2306 6.53 | <b>5</b>  | 0515 1.32<br>1107 5.63<br>SU 1722 1.13<br>2325 5.82   | <b>20</b> | 0555 0.76<br>1146 5.89<br>MO 1804 0.64                |
| <b>6</b>  | 0520 1.06<br>1131 6.19<br>TU 1801 1.35<br>2347 5.01   | <b>21</b> | 0509 0.42<br>1118 6.94<br>WE 1757 0.66<br>2343 5.78   | <b>6</b>  | 0555 1.29<br>1202 5.93<br>FR 1826 1.42                | <b>21</b> | 0010 6.22<br>0626 0.53<br>SA 1227 6.63<br>1859 0.62   | <b>6</b>  | 0509 1.19<br>1109 6.00<br>FR 1729 1.19<br>○ 2324 5.58 | <b>21</b> | 0526 0.40<br>1122 6.69<br>SA 1751 0.35<br>2349 6.55   | <b>6</b>  | 0543 1.44<br>1134 5.43<br>MO 1748 1.25<br>2353 5.74   | <b>21</b> | 0012 6.50<br>0640 1.06<br>TU 1230 5.45<br>1843 1.02   |
| <b>7</b>  | 0549 1.21<br>1202 6.03<br>WE 1831 1.46                | <b>22</b> | 0555 0.45<br>1202 6.88<br>TH 1841 0.67                | <b>7</b>  | 0017 5.19<br>0621 1.49<br>SA 1228 5.69<br>1850 1.56   | <b>22</b> | 0057 6.08<br>0712 0.90<br>SU 1312 6.15<br>1941 0.94   | <b>7</b>  | 0535 1.28<br>1134 5.85<br>SA 1753 1.26<br>2350 5.54   | <b>22</b> | 0610 0.59<br>1205 6.34<br>SU 1831 0.58                | <b>7</b>  | 0612 1.63<br>1203 5.18<br>TU 1814 1.42                | <b>22</b> | 0057 6.18<br>0726 1.45<br>WE 1317 4.97<br>1925 1.47   |
| <b>8</b>  | 0017 4.91<br>0617 1.40<br>TH 1231 5.83<br>1859 1.59   | <b>23</b> | 0030 5.76<br>0640 0.64<br>FR 1247 6.64<br>1925 0.80   | <b>8</b>  | 0046 5.07<br>0650 1.75<br>SU 1256 5.39<br>1918 1.75   | <b>23</b> | 0145 5.83<br>0801 1.38<br>MO 1401 5.57<br>2027 1.35   | <b>8</b>  | 0601 1.44<br>1200 5.63<br>SU 1817 1.39                | <b>23</b> | 0033 6.38<br>0655 0.95<br>MO 1250 5.84<br>1910 0.96   | <b>8</b>  | 0024 5.61<br>0645 1.86<br>WE 1235 4.91<br>1845 1.64   | <b>23</b> | 0144 5.77<br>0817 1.84<br>TH 1412 4.53<br>2013 1.95   |
| <b>9</b>  | 0047 4.79<br>0645 1.64<br>FR 1301 5.57<br>1930 1.75   | <b>24</b> | 0118 5.64<br>0728 0.98<br>SA 1335 6.25<br>2011 1.03   | <b>9</b>  | 0118 4.90<br>0723 2.08<br>MO 1328 5.04<br>1951 1.98   | <b>24</b> | 0240 5.51<br>0858 1.89<br>TU 1500 5.00<br>2125 1.75   | <b>9</b>  | 0017 5.44<br>0628 1.67<br>MO 1226 5.34<br>1842 1.58   | <b>24</b> | 0120 6.07<br>0742 1.43<br>TU 1337 5.26<br>1954 1.43   | <b>9</b>  | 0059 5.45<br>0724 2.09<br>TH 1316 4.62<br>1924 1.89   | <b>24</b> | 0240 5.37<br>0922 2.14<br>FR 1521 4.23<br>2119 2.33   |
| <b>10</b> | 0122 4.64<br>0718 1.94<br>SA 1335 5.26<br>2006 1.94   | <b>25</b> | 0211 5.46<br>0820 1.40<br>SU 1427 5.77<br>2102 1.30   | <b>10</b> | 0158 4.71<br>0805 2.42<br>TU 1409 4.69<br>2038 2.19   | <b>25</b> | 0350 5.24<br>1017 2.25<br>WE 1620 4.58<br>2244 2.00   | <b>10</b> | 0046 5.29<br>0659 1.96<br>TU 1254 5.02<br>1911 1.81   | <b>25</b> | 0211 5.67<br>0838 1.91<br>WE 1435 4.70<br>2047 1.91   | <b>10</b> | 0147 5.25<br>0821 2.31<br>FR 1417 4.35<br>2023 2.15   | <b>25</b> | 0351 5.08<br>1047 2.21<br>SA 1655 4.20<br>2253 2.48   |
| <b>11</b> | 0204 4.48<br>0758 2.27<br>SU 1417 4.93<br>2051 2.11   | <b>26</b> | 0312 5.27<br>0921 1.83<br>MO 1529 5.28<br>2204 1.54   | <b>11</b> | 0258 4.55<br>0912 2.71<br>WE 1518 4.38<br>2152 2.32   | <b>26</b> | 0517 5.18<br>1201 2.26<br>TH 1800 4.51<br>●           | <b>11</b> | 0121 5.10<br>0737 2.26<br>WE 1332 4.68<br>1949 2.06   | <b>26</b> | 0314 5.30<br>0952 2.25<br>TH 1554 4.32<br>2204 2.26   | <b>11</b> | 0258 5.10<br>0950 2.37<br>SA 1551 4.25<br>2156 2.27   | <b>26</b> | 0515 5.02<br>1207 2.04<br>SU 1821 4.46<br>●           |
| <b>12</b> | 0300 4.34<br>0855 2.59<br>MO 1514 4.63<br>2154 2.21   | <b>27</b> | 0425 5.18<br>1042 2.13<br>TU 1647 4.92<br>● 2320 1.65 | <b>12</b> | 0430 4.58<br>1101 2.74<br>TH 1658 4.31<br>● 2323 2.20 | <b>27</b> | 0015 1.97<br>0644 5.40<br>FR 1325 1.94<br>1921 4.76   | <b>12</b> | 0209 4.91<br>0834 2.54<br>TH 1432 4.35<br>2051 2.29   | <b>27</b> | 0438 5.10<br>1134 2.27<br>FR 1739 4.31<br>● 2343 2.29 | <b>12</b> | 0432 5.16<br>1127 2.12<br>SU 1729 4.50<br>● 2333 2.07 | <b>27</b> | 0019 2.32<br>0628 5.16<br>MO 1306 1.76<br>1917 4.83   |
| <b>13</b> | 0421 4.34<br>1025 2.75<br>TU 1633 4.48<br>● 2310 2.13 | <b>28</b> | 0548 5.28<br>1217 2.12<br>WE 1814 4.81                | <b>13</b> | 0559 4.91<br>1231 2.41<br>FR 1821 4.53                | <b>28</b> | 0129 1.71<br>0747 5.72<br>SA 1421 1.59<br>2016 5.06   | <b>13</b> | 0328 4.79<br>1014 2.64<br>FR 1614 4.21<br>2232 2.34   | <b>28</b> | 0609 5.21<br>1257 1.98<br>SA 1900 4.64                | <b>13</b> | 0558 5.47<br>1243 1.67<br>MO 1845 4.97                | <b>28</b> | 0120 2.04<br>0721 5.35<br>TU 1350 1.51<br>1959 5.15   |
| <b>14</b> | 0542 4.59<br>1159 2.60<br>WE 1750 4.54                | <b>29</b> | 0038 1.57<br>0706 5.56<br>TH 1338 1.85<br>1930 4.92   | <b>14</b> | 0036 1.85<br>0705 5.40<br>SA 1337 1.96<br>1925 4.88   | <b>14</b> | 0511 4.96<br>1158 2.36<br>SA 1754 4.44<br>●           | <b>14</b> | 0511 4.96<br>1158 2.36<br>SA 1754 4.44<br>●           | <b>29</b> | 0103 2.03<br>0715 5.48<br>SU 1351 1.64<br>1953 5.00   | <b>14</b> | 0049 1.68<br>0704 5.86<br>TU 1343 1.21<br>1943 5.47   | <b>29</b> | 0206 1.80<br>0803 5.49<br>WE 1427 1.32<br>2035 5.41   |
| <b>15</b> | 0017 1.88<br>0646 5.01<br>TH 1306 2.25<br>1852 4.73   | <b>30</b> | 0145 1.37<br>0806 5.89<br>FR 1438 1.54<br>2028 5.09   | <b>15</b> | 0136 1.44<br>0759 5.90<br>SU 1432 1.51<br>2020 5.23   | <b>15</b> | 0036 1.85<br>0705 5.40<br>SA 1337 1.96<br>1925 4.88   | <b>15</b> | 0003 2.04<br>0632 5.40<br>SU 1311 1.87<br>1906 4.88   | <b>30</b> | 0158 1.73<br>0803 5.71<br>MO 1433 1.39<br>2033 5.28   | <b>15</b> | 0153 1.29<br>0759 6.18<br>WE 1435 0.84<br>2034 5.90   | <b>30</b> | 0244 1.61<br>0839 5.57<br>TH 1459 1.18<br>2107 5.61   |
| <b>31</b> | 0239 1.19<br>0853 6.13<br>SA 1524 1.33<br>2114 5.22   |           |   |           |   | <b>31</b> | 0240 1.50<br>0842 5.86<br>TU 1507 1.25<br>2107 5.47   |           |   |           |   |           |   |           |   |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols



New Moon



First Quarter



Full Moon



Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – HAY POINT

LAT 21° 16' S LONG 149° 18' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| MAY       |           | JUNE      |           | JULY      |           | AUGUST    |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time      | m         | Time      | m         | Time      | m         | Time      | m         |           |           |           |           |
| <b>1</b>  | 0319 1.47 | <b>16</b> | 0326 0.95 | <b>1</b>  | 0402 1.39 | <b>16</b> | 0451 0.99 | <b>1</b>  | 0534 0.61 | <b>16</b> | 0553 1.08 |
|           | 0911 5.59 |           | 0915 5.95 |           | 0945 5.24 |           | 1035 5.30 |           | 1119 5.59 |           | 1143 5.14 |
| FR        | 1529 1.09 | SA        | 1542 0.49 | MO        | 1559 0.93 | TU        | 1648 0.72 | WE        | 1616 0.74 | TH        | 1711 0.89 |
|           | 2136 5.77 |           | 2147 6.51 |           | 2212 6.07 |           | 2258 6.46 |           | 2231 6.34 | ●         | 2320 6.22 |
| <b>2</b>  | 0352 1.39 | <b>17</b> | 0414 0.84 | <b>2</b>  | 0439 1.32 | <b>17</b> | 0533 1.04 | <b>2</b>  | 0506 1.07 | <b>17</b> | 0552 1.11 |
|           | 0942 5.55 |           | 1001 5.86 |           | 1022 5.21 |           | 1117 5.18 |           | 1048 5.24 |           | 1139 5.04 |
| SA        | 1558 1.02 | SU        | 1623 0.48 | TU        | 1634 0.90 | WE        | 1726 0.86 | TH        | 1658 0.68 | FR        | 1743 1.03 |
|           | 2205 5.89 |           | 2230 6.63 |           | 2247 6.17 | ●         | 2338 6.35 | ○         | 2312 6.45 | ○         | 2353 6.07 |
| <b>3</b>  | 0424 1.35 | <b>18</b> | 0500 0.84 | <b>3</b>  | 0517 1.29 | <b>18</b> | 0612 1.15 | <b>3</b>  | 0549 0.98 | <b>18</b> | 0624 1.21 |
|           | 1011 5.49 |           | 1045 5.69 |           | 1101 5.16 |           | 1158 5.01 |           | 1133 5.26 |           | 1212 4.94 |
| SU        | 1626 1.00 | MO        | 1703 0.56 | WE        | 1710 0.92 | TH        | 1802 1.07 | FR        | 1742 0.69 | SA        | 1814 1.21 |
|           | 2234 5.98 | ●         | 2312 6.62 | ○         | 2324 6.21 |           |           |           | 2354 6.47 |           |           |
| <b>4</b>  | 0456 1.35 | <b>19</b> | 0543 0.94 | <b>4</b>  | 0558 1.31 | <b>19</b> | 0016 6.14 | <b>4</b>  | 0633 0.95 | <b>19</b> | 0025 5.86 |
|           | 1042 5.38 |           | 1129 5.45 |           | 1141 5.07 |           | 0649 1.32 |           | 1219 5.24 |           | 0653 1.34 |
| MO        | 1656 1.02 | TU        | 1742 0.76 | TH        | 1748 1.01 | FR        | 1237 4.83 | SA        | 1826 0.80 | SU        | 1243 4.83 |
| ○         | 2305 6.01 |           | 2354 6.46 |           |           |           | 1838 1.34 |           | 1913 1.01 |           | 1844 1.45 |
| <b>5</b>  | 0529 1.41 | <b>20</b> | 0626 1.14 | <b>5</b>  | 0003 6.17 | <b>20</b> | 0053 5.86 | <b>5</b>  | 0038 6.37 | <b>20</b> | 0055 5.59 |
|           | 1115 5.24 |           | 1214 5.15 |           | 0640 1.37 |           | 0725 1.52 |           | 0718 0.99 |           | 0723 1.50 |
| TU        | 1726 1.10 | WE        | 1821 1.07 | FR        | 1225 4.95 | SA        | 1316 4.63 | SU        | 1308 5.18 | MO        | 1317 4.68 |
|           | 2336 5.98 |           |           |           | 1829 1.16 |           | 1913 1.64 |           | 1913 1.01 |           | 1915 1.73 |
| <b>6</b>  | 0603 1.53 | <b>21</b> | 0036 6.18 | <b>6</b>  | 0046 6.06 | <b>21</b> | 0130 5.54 | <b>6</b>  | 0125 6.15 | <b>21</b> | 0127 5.28 |
|           | 1149 5.06 |           | 0709 1.41 |           | 0726 1.45 |           | 0805 1.72 |           | 0806 1.08 |           | 0756 1.69 |
| WE        | 1758 1.25 | TH        | 1259 4.82 | SA        | 1315 4.83 | SU        | 1359 4.45 | MO        | 1401 5.09 | TU        | 1356 4.52 |
|           |           |           | 1900 1.44 |           | 1916 1.37 |           | 1952 1.97 |           | 2006 1.29 |           | 1951 2.06 |
| <b>7</b>  | 0010 5.89 | <b>22</b> | 0119 5.82 | <b>7</b>  | 0135 5.89 | <b>22</b> | 0212 5.22 | <b>7</b>  | 0217 5.86 | <b>22</b> | 0205 4.92 |
|           | 0640 1.68 |           | 0754 1.70 |           | 0819 1.53 |           | 0849 1.89 |           | 0858 1.19 |           | 0836 1.89 |
| TH        | 1227 4.84 | FR        | 1347 4.51 | SU        | 1413 4.73 | MO        | 1451 4.31 | TU        | 1502 5.03 | WE        | 1446 4.36 |
|           | 1833 1.44 |           | 1943 1.84 |           | 2013 1.60 |           | 2041 2.28 |           | 2106 1.57 |           | 2041 2.39 |
| <b>8</b>  | 0050 5.74 | <b>23</b> | 0206 5.45 | <b>8</b>  | 0232 5.70 | <b>23</b> | 0302 4.91 | <b>8</b>  | 0317 5.53 | <b>23</b> | 0254 4.57 |
|           | 0724 1.84 |           | 0845 1.94 |           | 0920 1.54 |           | 0945 2.01 |           | 0959 1.27 |           | 0931 2.06 |
| FR        | 1313 4.63 | SA        | 1442 4.28 | MO        | 1521 4.73 | TU        | 1557 4.26 | WE        | 1613 5.06 | TH        | 1556 4.28 |
|           | 1916 1.68 |           | 2035 2.21 |           | 2121 1.78 |           | 2150 2.52 |           | 2218 1.79 |           | 2157 2.62 |
| <b>9</b>  | 0139 5.57 | <b>24</b> | 0301 5.13 | <b>9</b>  | 0340 5.55 | <b>24</b> | 0407 4.68 | <b>9</b>  | 0428 5.25 | <b>24</b> | 0406 4.32 |
|           | 0822 1.97 |           | 0948 2.08 |           | 1028 1.46 |           | 1052 2.01 |           | 1107 1.27 |           | 1044 2.08 |
| SA        | 1416 4.46 | SU        | 1552 4.19 | TU        | 1638 4.89 | WE        | 1713 4.37 | TH        | 1728 5.21 | FR        | 1717 4.42 |
|           | 2015 1.92 |           | 2145 2.47 |           | 2240 1.85 | ●         | 2318 2.56 | ●         | 2343 1.84 | ●         | 2336 2.58 |
| <b>10</b> | 0244 5.42 | <b>25</b> | 0409 4.92 | <b>10</b> | 0454 5.47 | <b>25</b> | 0519 4.60 | <b>10</b> | 0545 5.09 | <b>25</b> | 0527 4.28 |
|           | 0936 1.97 |           | 1101 2.06 |           | 1138 1.28 |           | 1155 1.88 |           | 1218 1.18 |           | 1155 1.91 |
| SU        | 1537 4.44 | MO        | 1715 4.30 | WE        | 1753 5.19 | TH        | 1820 4.64 | FR        | 1842 5.50 | SA        | 1826 4.75 |
|           | 2136 2.06 |           | 2313 2.51 | ●         |           |           |           |           |           |           |           |
| <b>11</b> | 0404 5.39 | <b>26</b> | 0522 4.87 | <b>11</b> | 0001 1.75 | <b>26</b> | 0033 2.38 | <b>11</b> | 0106 1.68 | <b>26</b> | 0050 2.29 |
|           | 1057 1.77 |           | 1205 1.90 |           | 0607 5.47 |           | 0622 4.65 |           | 0659 5.06 |           | 0635 4.43 |
| MO        | 1704 4.68 | TU        | 1825 4.58 | TH        | 1243 1.07 | FR        | 1248 1.66 | SA        | 1325 1.04 | SU        | 1252 1.63 |
| ●         | 2305 1.97 | ●         |           |           | 1900 5.56 |           | 1913 4.99 |           | 1947 5.82 |           | 1921 5.17 |
| <b>12</b> | 0524 5.52 | <b>27</b> | 0027 2.35 | <b>12</b> | 0116 1.55 | <b>27</b> | 0129 2.10 | <b>12</b> | 0216 1.43 | <b>27</b> | 0147 1.93 |
|           | 1210 1.44 |           | 0626 4.95 |           | 0713 5.49 |           | 0714 4.78 |           | 0805 5.11 |           | 0730 4.66 |
| TU        | 1819 5.09 | WE        | 1257 1.68 | FR        | 1343 0.87 | SA        | 1332 1.42 | SU        | 1423 0.90 | MO        | 1342 1.32 |
|           |           |           | 1916 4.91 |           | 1958 5.92 |           | 1956 5.35 |           | 2041 6.09 |           | 2007 5.58 |
| <b>13</b> | 0025 1.71 | <b>28</b> | 0123 2.10 | <b>13</b> | 0222 1.32 | <b>28</b> | 0216 1.82 | <b>13</b> | 0312 1.20 | <b>28</b> | 0235 1.58 |
|           | 0634 5.73 |           | 0716 5.07 |           | 0811 5.49 |           | 0800 4.90 |           | 0859 5.15 |           | 0819 4.89 |
| WE        | 1313 1.08 | TH        | 1339 1.46 | SA        | 1436 0.73 | SU        | 1414 1.20 | MO        | 1513 0.81 | TU        | 1429 1.03 |
|           | 1921 5.55 |           | 1956 5.24 |           | 2050 6.20 |           | 2036 5.66 |           | 2127 6.26 |           | 2050 5.94 |
| <b>14</b> | 0134 1.40 | <b>29</b> | 0208 1.86 | <b>14</b> | 0317 1.13 | <b>29</b> | 0259 1.58 | <b>14</b> | 0400 1.06 | <b>29</b> | 0321 1.27 |
|           | 0734 5.90 |           | 0758 5.17 |           | 0903 5.46 |           | 0842 5.01 |           | 0945 5.16 |           | 0905 5.10 |
| TH        | 1408 0.79 | FR        | 1416 1.27 | SU        | 1524 0.66 | MO        | 1454 1.01 | TU        | 1557 0.78 | WE        | 1514 0.78 |
|           | 2015 5.96 |           | 2032 5.51 |           | 2136 6.39 |           | 2114 5.93 |           | 2208 6.33 |           | 2132 6.26 |
| <b>15</b> | 0233 1.13 | <b>30</b> | 0248 1.66 | <b>15</b> | 0407 1.03 | <b>30</b> | 0341 1.38 | <b>15</b> | 0442 1.02 | <b>30</b> | 0406 1.01 |
|           | 0827 5.97 |           | 0834 5.23 |           | 0951 5.40 |           | 0924 5.10 |           | 1026 5.15 |           | 0949 5.29 |
| FR        | 1458 0.60 | SA        | 1451 1.12 | MO        | 1608 0.66 | TU        | 1535 0.86 | WE        | 1636 0.81 | TH        | 1600 0.58 |
|           | 2102 6.28 |           | 2105 5.74 |           | 2218 6.48 |           | 2152 6.16 |           | 2245 6.31 |           | 2213 6.51 |
| <b>31</b> | 0325 1.50 |           | 0910 5.25 |           |           |           |           |           |           | <b>31</b> | 0450 0.78 |
|           |           |           | 1524 1.01 |           |           |           |           |           |           |           | 1034 5.46 |
|           |           |           | 2138 5.93 |           |           |           |           |           |           |           | 1646 0.44 |
|           |           |           |           |           |           |           |           |           |           |           | 2256 6.67 |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

● New Moon      ○ First Quarter      ○ Full Moon      ● Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – HAY POINT

LAT 21° 16' S LONG 149° 18' E

Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| SEPTEMBER |   | OCTOBER   |   | NOVEMBER  |   | DECEMBER  |   |           |   |           |   |           |   |           |   |
|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|
| Time      | m   | Time      | m   | Time      | m   | Time      | m   |           |   |           |   |           |   |           |   |
| <b>1</b>  | 0003 6.50<br>0636 0.36<br>TU 1233 5.95<br>1850 0.62   | <b>16</b> | 0606 1.19<br>1207 5.22<br>WE 1819 1.53                | <b>1</b>  | 0028 5.78<br>0650 0.61<br>TH 1259 6.01<br>1924 1.07   | <b>16</b> | 0601 1.30<br>1209 5.36<br>FR 1831 1.75                | <b>1</b>  | 0155 4.54<br>0759 1.61<br>SU 1424 5.42<br>2106 1.81   | <b>16</b> | 0050 4.46<br>0652 1.62<br>MO 1313 5.38<br>1955 1.95   | <b>1</b>  | 0227 4.36<br>0822 1.98<br>TU 1446 5.25<br>2131 1.89   | <b>16</b> | 0139 4.67<br>0738 1.59<br>WE 1358 5.66<br>2045 1.65   |
| <b>2</b>  | 0048 6.09<br>0718 0.62<br>WE 1321 5.75<br>1938 1.04   | <b>17</b> | 0015 5.09<br>0630 1.39<br>TH 1235 5.05<br>1848 1.82   | <b>2</b>  | 0117 5.23<br>0735 1.06<br>FR 1351 5.65<br>2020 1.53   | <b>17</b> | 0020 4.65<br>0629 1.53<br>SA 1242 5.17<br>1908 2.00   | <b>2</b>  | 0303 4.22<br>0904 2.02<br>MO 1532 5.12<br>2224 1.92   | <b>17</b> | 0144 4.28<br>0744 1.87<br>TU 1411 5.22<br>2102 1.99   | <b>2</b>  | 0333 4.22<br>0928 2.29<br>WE 1551 4.98<br>2240 1.92   | <b>17</b> | 0241 4.61<br>0841 1.82<br>TH 1500 5.48<br>2149 1.61   |
| <b>3</b>  | 0137 5.56<br>0803 0.98<br>TH 1415 5.48<br>2034 1.51   | <b>18</b> | 0043 4.76<br>0657 1.64<br>FR 1307 4.84<br>1923 2.12   | <b>3</b>  | 0215 4.68<br>0828 1.53<br>SA 1453 5.30<br>2130 1.88   | <b>18</b> | 0057 4.36<br>0704 1.79<br>SU 1325 4.97<br>1958 2.22   | <b>3</b>  | 0430 4.15<br>1030 2.20<br>TU 1653 5.02<br>☉ 2345 1.79 | <b>18</b> | 0300 4.21<br>0858 2.05<br>WE 1526 5.16<br>2222 1.85   | <b>3</b>  | 0454 4.28<br>1054 2.41<br>TH 1705 4.88<br>☉ 2348 1.81 | <b>18</b> | 0357 4.69<br>0957 1.96<br>FR 1613 5.37<br>2300 1.47   |
| <b>4</b>  | 0233 4.99<br>0858 1.37<br>FR 1521 5.22<br>2146 1.88   | <b>19</b> | 0116 4.40<br>0732 1.91<br>SA 1351 4.63<br>2015 2.41   | <b>4</b>  | 0329 4.28<br>0940 1.90<br>SU 1613 5.09<br>2303 1.95   | <b>19</b> | 0149 4.09<br>0755 2.06<br>MO 1429 4.81<br>2120 2.32   | <b>4</b>  | 0559 4.39<br>1158 2.09<br>WE 1808 5.13                | <b>19</b> | 0428 4.38<br>1028 2.03<br>TH 1649 5.27<br>☉ 2337 1.53 | <b>4</b>  | 0610 4.54<br>1212 2.28<br>FR 1812 4.93                | <b>19</b> | 0515 4.95<br>1121 1.92<br>SA 1729 5.37<br>☉           |
| <b>5</b>  | 0347 4.53<br>1011 1.66<br>SA 1643 5.12<br>☉ 2321 1.98 | <b>20</b> | 0208 4.07<br>0826 2.17<br>SU 1504 4.49<br>2147 2.55   | <b>5</b>  | 0508 4.21<br>1115 1.97<br>MO 1741 5.15<br>☉           | <b>20</b> | 0317 3.95<br>0921 2.23<br>TU 1600 4.82<br>2257 2.11   | <b>5</b>  | 0047 1.53<br>0700 4.76<br>TH 1303 1.83<br>1905 5.30   | <b>20</b> | 0548 4.79<br>1150 1.79<br>FR 1801 5.50                | <b>5</b>  | 0044 1.60<br>0706 4.89<br>SA 1312 2.05<br>1906 5.03   | <b>20</b> | 0009 1.24<br>0627 5.35<br>SU 1240 1.71<br>1838 5.43   |
| <b>6</b>  | 0523 4.38<br>1140 1.69<br>SU 1811 5.28                | <b>21</b> | 0344 3.88<br>1002 2.27<br>MO 1647 4.61<br>☉ 2335 2.31 | <b>6</b>  | 0029 1.70<br>0636 4.50<br>TU 1238 1.74<br>1852 5.40   | <b>21</b> | 0501 4.16<br>1101 2.07<br>WE 1728 5.12<br>☉           | <b>6</b>  | 0135 1.28<br>0746 5.11<br>FR 1352 1.59<br>1949 5.43   | <b>21</b> | 0041 1.14<br>0652 5.29<br>SA 1300 1.45<br>1903 5.72   | <b>6</b>  | 0129 1.39<br>0749 5.22<br>SU 1359 1.82<br>1950 5.13   | <b>21</b> | 0112 0.98<br>0730 5.78<br>MO 1349 1.44<br>1941 5.49   |
| <b>7</b>  | 0053 1.71<br>0652 4.58<br>MO 1259 1.47<br>1920 5.60   | <b>22</b> | 0531 4.08<br>1138 2.01<br>TU 1808 5.03                | <b>7</b>  | 0130 1.36<br>0733 4.89<br>WE 1337 1.44<br>1944 5.63   | <b>22</b> | 0014 1.67<br>0618 4.63<br>TH 1219 1.67<br>1836 5.54   | <b>7</b>  | 0214 1.10<br>0823 5.38<br>SA 1433 1.41<br>2027 5.49   | <b>22</b> | 0138 0.79<br>0747 5.77<br>SU 1402 1.13<br>1958 5.86   | <b>7</b>  | 0208 1.21<br>0827 5.51<br>MO 1440 1.62<br>2028 5.18   | <b>22</b> | 0209 0.77<br>0824 6.16<br>TU 1450 1.19<br>2037 5.51   |
| <b>8</b>  | 0157 1.34<br>0754 4.91<br>TU 1400 1.19<br>2012 5.87   | <b>23</b> | 0049 1.83<br>0644 4.53<br>WE 1247 1.56<br>1909 5.53   | <b>8</b>  | 0215 1.09<br>0817 5.20<br>TH 1424 1.21<br>2025 5.77   | <b>23</b> | 0114 1.19<br>0716 5.16<br>FR 1323 1.24<br>1931 5.91   | <b>8</b>  | 0248 0.98<br>0857 5.57<br>SU 1509 1.30<br>2101 5.49   | <b>23</b> | 0229 0.53<br>0836 6.16<br>MO 1458 0.89<br>2048 5.90   | <b>8</b>  | 0242 1.07<br>0900 5.73<br>TU 1518 1.48<br>2103 5.19   | <b>23</b> | 0300 0.62<br>0913 6.44<br>WE 1543 1.01<br>2128 5.50   |
| <b>9</b>  | 0245 1.06<br>0840 5.16<br>WE 1448 0.99<br>2054 6.01   | <b>24</b> | 0145 1.33<br>0739 5.01<br>TH 1345 1.12<br>1959 5.98   | <b>9</b>  | 0253 0.94<br>0853 5.39<br>FR 1502 1.10<br>2102 5.80   | <b>24</b> | 0207 0.77<br>0807 5.64<br>SA 1420 0.88<br>2021 6.17   | <b>9</b>  | 0319 0.91<br>0927 5.71<br>MO 1542 1.25<br>2133 5.43   | <b>24</b> | 0316 0.37<br>0923 6.45<br>TU 1549 0.75<br>2136 5.85   | <b>9</b>  | 0315 0.98<br>0931 5.90<br>WE 1553 1.39<br>2137 5.17   | <b>24</b> | 0347 0.56<br>0958 6.60<br>TH 1630 0.92<br>2215 5.45   |
| <b>10</b> | 0324 0.93<br>0918 5.29<br>TH 1527 0.91<br>2131 6.04   | <b>25</b> | 0234 0.89<br>0827 5.44<br>FR 1438 0.74<br>2046 6.32   | <b>10</b> | 0326 0.88<br>0925 5.50<br>SA 1536 1.06<br>2133 5.77   | <b>25</b> | 0254 0.45<br>0853 6.04<br>SU 1511 0.62<br>2107 6.28   | <b>10</b> | 0347 0.87<br>0956 5.81<br>TU 1614 1.24<br>2202 5.34   | <b>25</b> | 0400 0.31<br>1007 6.63<br>WE 1637 0.69<br>2223 5.72   | <b>10</b> | 0347 0.92<br>1003 6.01<br>TH 1628 1.35<br>2211 5.13   | <b>25</b> | 0430 0.57<br>1040 6.66<br>FR 1715 0.92<br>☉ 2258 5.37 |
| <b>11</b> | 0358 0.89<br>0951 5.35<br>FR 1601 0.91<br>2203 6.00   | <b>26</b> | 0321 0.55<br>0912 5.80<br>SA 1528 0.46<br>2130 6.54   | <b>11</b> | 0354 0.86<br>0954 5.58<br>SU 1607 1.06<br>2203 5.69   | <b>26</b> | 0339 0.24<br>0938 6.34<br>MO 1600 0.46<br>2152 6.27   | <b>11</b> | 0415 0.88<br>1024 5.85<br>WE 1645 1.27<br>2232 5.21   | <b>26</b> | 0442 0.35<br>1051 6.68<br>TH 1724 0.75<br>☉ 2309 5.52 | <b>11</b> | 0421 0.91<br>1035 6.08<br>FR 1704 1.34<br>☉ 2246 5.07 | <b>26</b> | 0510 0.67<br>1121 6.59<br>SA 1755 1.00<br>2341 5.24   |
| <b>12</b> | 0428 0.91<br>1021 5.38<br>SA 1632 0.95<br>2232 5.92   | <b>27</b> | 0404 0.29<br>0957 6.10<br>SU 1616 0.29<br>2214 6.61   | <b>12</b> | 0421 0.86<br>1022 5.62<br>MO 1636 1.10<br>2230 5.57   | <b>27</b> | 0421 0.14<br>1022 6.54<br>TU 1647 0.43<br>☉ 2238 6.13 | <b>12</b> | 0443 0.93<br>1052 5.86<br>TH 1717 1.35<br>☉ 2302 5.06 | <b>27</b> | 0524 0.51<br>1135 6.58<br>FR 1809 0.91<br>2355 5.24   | <b>12</b> | 0454 0.93<br>1108 6.11<br>SA 1741 1.37<br>2323 5.00   | <b>27</b> | 0548 0.85<br>1200 6.41<br>SU 1835 1.16                |
| <b>13</b> | 0455 0.93<br>1049 5.39<br>SU 1700 1.02<br>☉ 2259 5.80 | <b>28</b> | 0447 0.14<br>1041 6.30<br>MO 1702 0.24<br>☉ 2258 6.51 | <b>13</b> | 0447 0.89<br>1048 5.64<br>TU 1704 1.18<br>☉ 2256 5.40 | <b>28</b> | 0503 0.17<br>1106 6.59<br>WE 1734 0.53<br>2324 5.85   | <b>13</b> | 0511 1.03<br>1122 5.80<br>FR 1749 1.48<br>2334 4.87   | <b>28</b> | 0605 0.79<br>1219 6.33<br>SA 1854 1.16                | <b>13</b> | 0529 1.01<br>1144 6.08<br>SU 1820 1.43                | <b>28</b> | 0022 5.06<br>0626 1.13<br>MO 1239 6.13<br>1913 1.37   |
| <b>14</b> | 0520 0.97<br>1115 5.38<br>MO 1726 1.13<br>2324 5.62   | <b>29</b> | 0528 0.13<br>1125 6.37<br>TU 1748 0.36<br>2343 6.23   | <b>14</b> | 0510 0.97<br>1114 5.60<br>WE 1732 1.32<br>2323 5.19   | <b>29</b> | 0543 0.36<br>1151 6.48<br>TH 1821 0.77                | <b>14</b> | 0541 1.18<br>1154 5.70<br>SA 1824 1.64                | <b>29</b> | 0043 4.93<br>0647 1.16<br>SU 1304 5.99<br>1941 1.44   | <b>14</b> | 0003 4.90<br>0607 1.15<br>MO 1223 5.99<br>1902 1.52   | <b>29</b> | 0103 4.86<br>0703 1.46<br>TU 1318 5.79<br>1952 1.60   |
| <b>15</b> | 0543 1.05<br>1140 5.33<br>TU 1752 1.30<br>2350 5.39   | <b>30</b> | 0609 0.29<br>1211 6.27<br>WE 1835 0.65                | <b>15</b> | 0535 1.10<br>1141 5.51<br>TH 1800 1.52<br>2351 4.93   | <b>30</b> | 0010 5.45<br>0625 0.69<br>FR 1238 6.20<br>1910 1.12   | <b>15</b> | 0009 4.67<br>0614 1.38<br>SU 1230 5.55<br>1904 1.81   | <b>30</b> | 0132 4.61<br>0731 1.58<br>MO 1351 5.60<br>2032 1.71   | <b>15</b> | 0047 4.78<br>0649 1.35<br>TU 1306 5.84<br>1949 1.60   | <b>30</b> | 0145 4.64<br>0742 1.83<br>WE 1359 5.43<br>2035 1.82   |
|           |   |           |   | <b>31</b> | 0100 4.98<br>0709 1.14<br>SA 1328 5.82<br>2003 1.50   |           |   |           |   | <b>31</b> | 0233 4.45<br>0827 2.20<br>TH 1447 5.07<br>2126 2.00   |           |   |           |   |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

☉ New Moon      ☽ First Quarter      ☽ Full Moon      ☾ Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E

Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| JANUARY   |           | FEBRUARY  |              | MARCH     |           | APRIL     |           |           |              |           |           |           |
|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|
| Time      | m         | Time      | m            | Time      | m         | Time      | m         |           |              |           |           |           |
| <b>1</b>  | 0203 0.77 | <b>16</b> | 0114 1.29    | <b>1</b>  | 0325 0.85 | <b>16</b> | 0233 0.84 | <b>1</b>  | 0318 1.16    | <b>16</b> | 0251 0.75 |           |
|           | 0822 5.53 |           | 0741 5.02    |           | 0936 5.76 |           | 0850 5.85 |           | 0918 5.42    |           | 0850 5.87 |           |
| TH        | 1449 1.18 | FR        | 1405 1.62    | SU        | 1606 1.03 | MO        | 1524 0.91 | WE        | 1540 0.96    | TH        | 1524 0.37 |           |
|           | 2037 4.76 |           | 1949 4.51    |           | 2155 4.79 |           | 2111 5.05 |           | 2140 5.11    |           | 2122 5.74 |           |
| <b>2</b>  | 0253 0.68 | <b>17</b> | 0204 0.98    | <b>2</b>  | 0403 0.83 | <b>17</b> | 0323 0.54 | <b>2</b>  | 0308 1.04    | <b>17</b> | 0215 0.95 |           |
|           | 0909 5.73 |           | 0827 5.43    |           | 1011 5.79 |           | 0936 6.18 |           | 0914 5.63    |           | 0827 5.84 |           |
| FR        | 1538 1.04 | SA        | 1455 1.29    | MO        | 1641 1.02 | TU        | 1611 0.62 | MO        | 1543 1.02    | TU        | 1502 0.76 |           |
|           | 2125 4.75 |           | 2039 4.71    |           | 2229 4.81 |           | 2157 5.32 |           | 2136 4.92    |           | 2055 5.25 |           |
| <b>3</b>  | 0337 0.65 | <b>18</b> | 0251 0.71    | <b>3</b>  | 0435 0.84 | <b>18</b> | 0411 0.30 | <b>3</b>  | 0344 0.97    | <b>18</b> | 0307 0.62 |           |
|           | 0950 5.84 |           | 0911 5.80    |           | 1043 5.77 |           | 1019 6.41 |           | 0948 5.66    |           | 0913 6.12 |           |
| SA        | 1621 0.99 | SU        | 1542 1.01    | TU        | 1711 1.04 | WE        | 1655 0.39 | TU        | 1614 0.99    | WE        | 1548 0.46 |           |
|           | 2206 4.72 |           | 2126 4.89    |           | 2259 4.81 |           | 2243 5.54 |           | 2208 4.99    |           | 2140 5.57 |           |
| <b>4</b>  | 0415 0.68 | <b>19</b> | 0338 0.49    | <b>4</b>  | 0505 0.89 | <b>19</b> | 0458 0.17 | <b>4</b>  | 0416 0.95    | <b>19</b> | 0357 0.38 |           |
|           | 1027 5.86 |           | 0954 6.09    |           | 1113 5.70 |           | 1103 6.49 |           | 1018 5.64    |           | 0957 6.28 |           |
| SU        | 1658 1.00 | MO        | 1628 0.77    | WE        | 1739 1.08 | TH        | 1738 0.26 | WE        | 1642 0.98    | TH        | 1632 0.25 |           |
|           | 2244 4.68 |           | 2212 5.05    | ○         | 2327 4.79 | ●         | 2328 5.67 | ○         | 2235 5.03    | ○         | 2224 5.83 |           |
| <b>5</b>  | 0450 0.75 | <b>20</b> | 0425 0.33    | <b>5</b>  | 0532 0.97 | <b>20</b> | 0543 0.18 | <b>5</b>  | 0444 0.95    | <b>20</b> | 0443 0.24 |           |
|           | 1101 5.81 |           | 1037 6.31    |           | 1140 5.59 |           | 1146 6.39 |           | 1046 5.59    |           | 1041 6.30 |           |
| MO        | 1733 1.05 | TU        | 1714 0.59    | TH        | 1805 1.13 | FR        | 1820 0.28 | TH        | 1708 0.98    | FR        | 1713 0.15 |           |
| ○         | 2318 4.61 | ●         | 2258 5.18    |           | 2353 4.76 |           |           | ○         | 2301 5.07    | ●         | 2308 5.99 |           |
| <b>6</b>  | 0522 0.85 | <b>21</b> | 0510 0.24    | <b>6</b>  | 0558 1.09 | <b>21</b> | 0014 5.68 | <b>6</b>  | 0510 0.99    | <b>21</b> | 0528 0.25 |           |
|           | 1134 5.70 |           | 1121 6.40    |           | 1206 5.43 |           | 0629 0.37 |           | 1112 5.49    |           | 1124 6.14 |           |
| TU        | 1805 1.14 | WE        | 1759 0.49    | FR        | 1829 1.22 | SA        | 1231 6.09 | FR        | 1732 1.00    | SA        | 1753 0.20 |           |
|           | 2351 4.52 |           | 2346 5.24    |           | 1902 0.45 |           | 1902 0.45 | ○         | 2327 5.08    |           | 2352 6.00 |           |
| <b>7</b>  | 0551 1.00 | <b>22</b> | 0557 0.28    | <b>7</b>  | 0021 4.70 | <b>22</b> | 0100 5.55 | <b>7</b>  | 0537 1.08    | <b>22</b> | 0613 0.44 |           |
|           | 1205 5.54 |           | 1205 6.34    |           | 0625 1.28 |           | 0715 0.73 |           | 1137 5.35    |           | 1208 5.80 |           |
| WE        | 1834 1.25 | TH        | 1843 0.49    | SA        | 1232 5.20 | SU        | 1316 5.63 | SA        | 1755 1.07    | SU        | 1833 0.41 |           |
|           |           |           |              |           | 1854 1.35 |           | 1944 0.76 |           | 2353 5.04    |           |           |           |
| <b>8</b>  | 0021 4.43 | <b>23</b> | 0033 5.22    | <b>8</b>  | 0050 4.59 | <b>23</b> | 0149 5.31 | <b>8</b>  | 0604 1.24    | <b>23</b> | 0037 5.85 |           |
|           | 0619 1.19 |           | 0643 0.47    |           | 0654 1.53 |           | 0804 1.19 |           | 1202 5.13    |           | 0658 0.78 |           |
| TH        | 1235 5.34 | FR        | 1251 6.11    | SU        | 1300 4.92 | MO        | 1405 5.08 | SU        | 1819 1.19    | MO        | 1253 5.32 |           |
|           | 1904 1.38 |           | 1928 0.62    |           | 1923 1.52 |           | 2031 1.13 |           | 1913 0.77    |           | 1913 0.77 |           |
| <b>9</b>  | 0052 4.31 | <b>24</b> | 0123 5.11    | <b>9</b>  | 0123 4.43 | <b>24</b> | 0245 5.03 | <b>9</b>  | 0020 4.95    | <b>24</b> | 0123 5.56 |           |
|           | 0649 1.42 |           | 0731 0.79    |           | 0727 1.83 |           | 0902 1.65 |           | 0632 1.46    |           | 0746 1.23 |           |
| FR        | 1305 5.09 | SA        | 1338 5.73    | MO        | 1331 4.59 | TU        | 1505 4.54 | MO        | 1228 4.86    | TU        | 1341 4.77 |           |
|           | 1935 1.52 |           | 2015 0.83    |           | 1956 1.72 |           | 2129 1.49 |           | 1845 1.37    |           | 1956 1.21 |           |
| <b>10</b> | 0126 4.18 | <b>25</b> | 0215 4.95    | <b>10</b> | 0204 4.26 | <b>25</b> | 0355 4.80 | <b>10</b> | 0050 4.81    | <b>25</b> | 0215 5.20 |           |
|           | 0721 1.69 |           | 0823 1.20    |           | 0810 2.15 |           | 1023 1.98 |           | 0703 1.72    |           | 0842 1.67 |           |
| SA        | 1339 4.80 | SU        | 1431 5.27    | TU        | 1413 4.26 | WE        | 1626 4.16 | TU        | 1257 4.56    | WE        | 1439 4.26 |           |
|           | 2010 1.69 |           | 2107 1.07    |           | 2043 1.91 |           | 2249 1.72 |           | 1914 1.57    |           | 2051 1.66 |           |
| <b>11</b> | 0210 4.03 | <b>26</b> | 0317 4.80    | <b>11</b> | 0305 4.13 | <b>26</b> | 0523 4.77 | <b>11</b> | 0124 4.64    | <b>26</b> | 0320 4.86 |           |
|           | 0802 2.01 |           | 0926 1.60    |           | 0917 2.41 |           | 1206 1.97 |           | 0741 2.00    |           | 0959 1.98 |           |
| SU        | 1422 4.50 | MO        | 1533 4.82    | WE        | 1523 3.98 | TH        | 1805 4.11 | WE        | 1335 4.24    | TH        | 1600 3.92 |           |
|           | 2056 1.84 |           | 2209 1.28    |           | 2156 2.02 | ●         |           |           | 1953 1.79    |           | 2208 1.98 |           |
| <b>12</b> | 0307 3.92 | <b>27</b> | 0431 4.73    | <b>12</b> | 0436 4.18 | <b>27</b> | 0019 1.68 | <b>12</b> | 0214 4.47    | <b>27</b> | 0444 4.70 |           |
|           | 0900 2.30 |           | 1047 1.87    |           | 1105 2.43 |           | 0647 4.98 |           | 0840 2.26    |           | 1139 1.98 |           |
| MO        | 1519 4.22 | TU        | 1651 4.48    | TH        | 1701 3.91 | FR        | 1328 1.66 | TH        | 1435 3.94    | FR        | 1743 3.92 |           |
|           | 2159 1.92 | ●         | 2324 1.37    | ●         | 2326 1.90 |           | 1924 4.34 |           | 2055 2.00    | ●         | 2347 1.99 |           |
| <b>13</b> | 0425 3.94 | <b>28</b> | 0554 4.85    | <b>13</b> | 0602 4.50 | <b>28</b> | 0131 1.44 | <b>13</b> | 0335 4.38    | <b>28</b> | 0612 4.80 |           |
|           | 1029 2.45 |           | 1222 1.85    |           | 1234 2.12 |           | 0749 5.28 |           | 1019 2.34    |           | 1259 1.70 |           |
| TU        | 1636 4.07 | WE        | 1818 4.38    | FR        | 1823 4.11 | SA        | 1423 1.34 | FR        | 1618 3.81    | SA        | 1903 4.22 |           |
| ●         | 2315 1.84 |           |              |           | 2019 4.62 |           |           |           | 2235 2.03    |           |           |           |
| <b>14</b> | 0546 4.18 | <b>29</b> | 0042 1.30    | <b>14</b> | 0039 1.57 | <b>29</b> | 0709 4.96 | <b>14</b> | 0515 4.55    | <b>29</b> | 0104 1.76 |           |
|           | 1202 2.30 |           | 0710 5.13    |           | 0709 4.96 |           | 1340 1.69 |           | 1202 2.06    |           | 0717 5.04 |           |
| WE        | 1752 4.12 | TH        | 1342 1.59    | SA        | 1340 1.69 | 1928 4.43 | SA        | 1757 4.03 | SA           | 1354 1.39 | SU        | 1354 1.39 |
|           |           |           | 1934 4.48    |           | 1928 4.43 |           |           | ●         | 1956 4.56    |           | 1956 4.56 |           |
| <b>15</b> | 0019 1.60 | <b>30</b> | 0148 1.12    | <b>15</b> | 0139 1.20 | <b>30</b> | 0802 5.44 | <b>15</b> | 0005 1.76    | <b>30</b> | 0159 1.48 |           |
|           | 0649 4.58 |           | 0809 5.43    |           | 0802 5.44 |           | 1435 1.27 |           | 0635 4.97    |           | 0805 5.25 |           |
| TH        | 1310 1.98 | FR        | 1441 1.30    | SU        | 1435 1.27 | 2022 4.75 | 2022 4.75 | SU        | 1315 1.61    | MO        | 1435 1.16 |           |
|           | 1855 4.29 |           | 2032 4.63    |           | 2022 4.75 |           |           |           | 1909 4.44    |           | 2036 4.82 |           |
| <b>31</b> | 0241 0.95 |           | 0857 5.65    |           |           |           |           | <b>31</b> | 0242 1.28    |           | 0844 5.38 |           |
|           |           |           | SA 1527 1.11 |           |           |           |           |           | TU 1509 1.03 |           | 2110 4.99 |           |
|           |           |           | 2117 4.74    |           |           |           |           |           |              |           |           |           |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

● New Moon      ○ First Quarter      ○ Full Moon      ● Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| MAY       |           | JUNE      |           | JULY      |           | AUGUST    |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time      | m         | Time      | m         | Time      | m         | Time      | m         |           |           |           |           |           |
| <b>1</b>  | 0321 1.26 | <b>16</b> | 0328 0.75 | <b>1</b>  | 0404 1.17 | <b>16</b> | 0454 0.79 | <b>1</b>  | 0536 0.42 | <b>16</b> | 0555 0.87 |           |
|           | 0913 5.09 |           | 0917 5.44 |           | 0947 4.74 |           | 1037 4.79 |           | 1122 5.04 |           | 1146 4.63 |           |
| FR        | 1531 0.88 | SA        | 1543 0.29 | MO        | 1600 0.72 | TU        | 1649 0.51 | WE        | 1618 0.53 | TH        | 1713 0.68 |           |
|           | 2138 5.28 |           | 2150 5.99 |           | 2214 5.57 |           | 2301 5.96 |           | 2234 5.82 | ●         | 2323 5.72 |           |
| <b>2</b>  | 0353 1.18 | <b>17</b> | 0416 0.66 | <b>2</b>  | 0441 1.11 | <b>17</b> | 0535 0.83 | <b>2</b>  | 0508 0.85 | <b>17</b> | 0555 0.89 |           |
|           | 0943 5.05 |           | 1003 5.34 |           | 1024 4.70 |           | 1120 4.67 |           | 1050 4.71 |           | 1142 4.53 |           |
| SA        | 1559 0.82 | SU        | 1625 0.28 | TU        | 1635 0.69 | WE        | 1728 0.64 | TH        | 1700 0.47 | FR        | 1746 0.81 |           |
|           | 2207 5.40 |           | 2232 6.11 |           | 2249 5.67 | ●         | 2341 5.84 | ○         | 2315 5.93 |           | 2356 5.56 |           |
| <b>3</b>  | 0425 1.14 | <b>18</b> | 0501 0.65 | <b>3</b>  | 0520 1.08 | <b>18</b> | 0614 0.94 | <b>3</b>  | 0551 0.77 | <b>18</b> | 0626 0.99 |           |
|           | 1013 4.98 |           | 1047 5.17 |           | 1102 4.65 |           | 1201 4.51 |           | 1135 4.74 |           | 1215 4.44 |           |
| SU        | 1628 0.80 | MO        | 1705 0.37 | WE        | 1712 0.71 | TH        | 1805 0.85 | FR        | 1743 0.49 | SA        | 1817 0.99 |           |
|           | 2237 5.48 | ●         | 2315 6.10 | ○         | 2326 5.70 |           |           |           | 2357 5.94 |           |           |           |
| <b>4</b>  | 0458 1.15 | <b>19</b> | 0546 0.75 | <b>4</b>  | 0600 1.09 | <b>19</b> | 0019 5.63 | <b>4</b>  | 0636 0.74 | <b>19</b> | 0028 5.35 |           |
|           | 1044 4.88 |           | 1132 4.94 |           | 1143 4.56 |           | 0652 1.10 |           | 1222 4.72 |           | 0657 1.12 |           |
| MO        | 1657 0.82 | TU        | 1744 0.56 | TH        | 1750 0.79 | FR        | 1241 4.34 | SA        | 1828 0.60 | SU        | 1247 4.33 |           |
| ○         | 2307 5.51 |           | 2357 5.95 |           |           |           | 1840 1.11 |           |           |           | 1847 1.22 |           |
| <b>5</b>  | 0532 1.20 | <b>20</b> | 0629 0.94 | <b>5</b>  | 0005 5.66 | <b>20</b> | 0056 5.36 | <b>5</b>  | 0040 5.84 | <b>20</b> | 0059 5.10 |           |
|           | 1116 4.74 |           | 1217 4.65 |           | 0643 1.15 |           | 0730 1.29 |           | 0721 0.78 |           | 0727 1.27 |           |
| TU        | 1727 0.90 | WE        | 1823 0.86 | FR        | 1227 4.45 | SA        | 1321 4.16 | SU        | 1311 4.66 | MO        | 1321 4.20 |           |
|           | 2339 5.49 |           |           |           | 1831 0.94 |           | 1916 1.40 |           | 1916 0.80 |           | 1918 1.49 |           |
| <b>6</b>  | 0606 1.31 | <b>21</b> | 0039 5.68 | <b>6</b>  | 0049 5.55 | <b>21</b> | 0134 5.06 | <b>6</b>  | 0128 5.63 | <b>21</b> | 0131 4.79 |           |
|           | 1151 4.56 |           | 0713 1.20 |           | 0730 1.22 |           | 0810 1.47 |           | 0810 0.86 |           | 0801 1.44 |           |
| WE        | 1759 1.03 | TH        | 1302 4.34 | SA        | 1318 4.34 | SU        | 1403 3.99 | MO        | 1406 4.58 | TU        | 1401 4.05 |           |
|           |           |           | 1902 1.22 |           | 1918 1.14 |           | 1955 1.71 |           | 2008 1.06 |           | 1955 1.79 |           |
| <b>7</b>  | 0013 5.40 | <b>22</b> | 0122 5.34 | <b>7</b>  | 0138 5.39 | <b>22</b> | 0216 4.76 | <b>7</b>  | 0220 5.34 | <b>22</b> | 0209 4.46 |           |
|           | 0644 1.45 |           | 0758 1.46 |           | 0823 1.28 |           | 0855 1.62 |           | 0902 0.95 |           | 0841 1.62 |           |
| TH        | 1228 4.37 | FR        | 1351 4.06 | SU        | 1417 4.25 | MO        | 1455 3.87 | TU        | 1507 4.54 | WE        | 1451 3.91 |           |
|           | 1835 1.21 |           | 1945 1.59 |           | 2015 1.36 |           | 2045 2.00 |           | 2109 1.34 |           | 2045 2.10 |           |
| <b>8</b>  | 0052 5.26 | <b>23</b> | 0209 4.99 | <b>8</b>  | 0236 5.22 | <b>23</b> | 0307 4.47 | <b>8</b>  | 0321 5.03 | <b>23</b> | 0259 4.14 |           |
|           | 0729 1.60 |           | 0851 1.68 |           | 0924 1.28 |           | 0951 1.72 |           | 1003 1.01 |           | 0936 1.76 |           |
| FR        | 1316 4.16 | SA        | 1447 3.85 | MO        | 1526 4.27 | TU        | 1602 3.83 | WE        | 1618 4.58 | TH        | 1600 3.86 |           |
|           | 1918 1.43 |           | 2037 1.94 |           | 2124 1.53 |           | 2154 2.23 |           | 2223 1.55 |           | 2202 2.32 |           |
| <b>9</b>  | 0142 5.10 | <b>24</b> | 0305 4.69 | <b>9</b>  | 0344 5.07 | <b>24</b> | 0411 4.26 | <b>9</b>  | 0432 4.77 | <b>24</b> | 0409 3.90 |           |
|           | 0827 1.71 |           | 0954 1.79 |           | 1032 1.19 |           | 1056 1.71 |           | 1112 1.01 |           | 1048 1.77 |           |
| SA        | 1419 4.01 | SU        | 1559 3.78 | TU        | 1643 4.42 | WE        | 1718 3.95 | TH        | 1734 4.75 | FR        | 1722 4.00 |           |
|           | 2017 1.66 |           | 2149 2.18 |           | 2244 1.59 | ●         | 2322 2.26 | ●         | 2348 1.58 | ●         | 2339 2.27 |           |
| <b>10</b> | 0248 4.96 | <b>25</b> | 0413 4.50 | <b>10</b> | 0458 5.00 | <b>25</b> | 0522 4.17 | <b>10</b> | 0549 4.63 | <b>25</b> | 0529 3.86 |           |
|           | 0941 1.69 |           | 1105 1.76 |           | 1142 1.02 |           | 1158 1.58 |           | 1222 0.92 |           | 1158 1.61 |           |
| SU        | 1542 4.01 | MO        | 1720 3.89 | WE        | 1757 4.72 | TH        | 1824 4.21 | FR        | 1847 5.03 | SA        | 1830 4.32 |           |
|           | 2139 1.79 |           | 2316 2.21 | ●         |           |           |           |           |           |           |           |           |
| <b>11</b> | 0408 4.94 | <b>26</b> | 0527 4.45 | <b>11</b> | 0005 1.50 | <b>26</b> | 0036 2.09 | <b>11</b> | 0110 1.42 | <b>26</b> | 0053 2.00 |           |
|           | 1101 1.50 |           | 1209 1.61 |           | 0610 4.99 |           | 0624 4.22 |           | 0703 4.59 |           | 0637 3.99 |           |
| MO        | 1708 4.24 | TU        | 1828 4.16 | TH        | 1247 0.81 | FR        | 1250 1.38 | SA        | 1328 0.78 | SU        | 1254 1.34 |           |
| ●         | 2308 1.71 | ●         |           |           | 1904 5.09 |           | 1916 4.54 |           | 1951 5.35 |           | 1924 4.72 |           |
| <b>12</b> | 0528 5.07 | <b>27</b> | 0030 2.06 | <b>12</b> | 0121 1.30 | <b>27</b> | 0131 1.83 | <b>12</b> | 0219 1.18 | <b>27</b> | 0149 1.65 |           |
|           | 1214 1.18 |           | 0628 4.52 |           | 0716 5.01 |           | 0716 4.32 |           | 0808 4.63 |           | 0732 4.19 |           |
| TU        | 1823 4.64 | WE        | 1259 1.40 | FR        | 1347 0.63 | SA        | 1335 1.16 | SU        | 1425 0.65 | MO        | 1344 1.06 |           |
|           |           |           | 1919 4.48 |           | 2002 5.43 |           | 1959 4.88 |           | 2044 5.60 |           | 2010 5.10 |           |
| <b>13</b> | 0028 1.46 | <b>28</b> | 0125 1.84 | <b>13</b> | 0224 1.08 | <b>28</b> | 0218 1.57 | <b>13</b> | 0315 0.97 | <b>28</b> | 0238 1.32 |           |
|           | 0637 5.26 |           | 0718 4.62 |           | 0813 5.00 |           | 0801 4.43 |           | 0902 4.66 |           | 0821 4.40 |           |
| WE        | 1316 0.84 | TH        | 1341 1.20 | SA        | 1439 0.50 | SU        | 1416 0.95 | MO        | 1515 0.57 | TU        | 1431 0.79 |           |
|           | 1925 5.08 |           | 1959 4.78 |           | 2053 5.70 |           | 2039 5.18 |           | 2130 5.76 |           | 2053 5.45 |           |
| <b>14</b> | 0137 1.17 | <b>29</b> | 0210 1.61 | <b>14</b> | 0320 0.92 | <b>29</b> | 0302 1.33 | <b>14</b> | 0402 0.85 | <b>29</b> | 0324 1.03 |           |
|           | 0736 5.41 |           | 0759 4.70 |           | 0905 4.96 |           | 0843 4.52 |           | 0948 4.66 |           | 0907 4.59 |           |
| TH        | 1411 0.57 | FR        | 1418 1.03 | SU        | 1526 0.44 | MO        | 1456 0.78 | TU        | 1559 0.56 | WE        | 1517 0.56 |           |
|           | 2017 5.47 |           | 2035 5.04 |           | 2138 5.88 |           | 2117 5.44 |           | 2211 5.82 |           | 2135 5.75 |           |
| <b>15</b> | 0236 0.92 | <b>30</b> | 0249 1.43 | <b>15</b> | 0409 0.82 | <b>30</b> | 0343 1.14 | <b>15</b> | 0444 0.80 | <b>30</b> | 0408 0.79 |           |
|           | 0829 5.47 |           | 0836 4.74 |           | 0953 4.89 |           | 0925 4.59 |           | 1029 4.64 |           | 0951 4.77 |           |
| FR        | 1459 0.39 | SA        | 1452 0.89 | MO        | 1609 0.44 | TU        | 1537 0.64 | WE        | 1637 0.59 | TH        | 1602 0.37 |           |
|           | 2105 5.77 |           | 2108 5.25 |           | 2221 5.97 |           | 2154 5.65 |           | 2248 5.80 |           | 2216 5.98 |           |
| <b>31</b> | 0327 1.28 |           |           |           |           |           |           |           |           | <b>31</b> | 0452 0.57 |           |
|           | 0912 4.75 |           |           |           |           |           |           |           |           |           | 1036 4.92 |           |
|           | SU        | 1526 0.79 |           |           |           |           |           |           |           |           | FR        | 1648 0.24 |
|           |           | 2141 5.43 |           |           |           |           |           |           |           |           | ○         | 2258 6.13 |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

● New Moon      ◐ First Quarter      ○ Full Moon      ◑ Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| SEPTEMBER |   | OCTOBER   |  | NOVEMBER  |   | DECEMBER  |  |           |   |           |   |           |   |           |   |
|-----------|---|-----------|--|-----------|---|-----------|--|-----------|---|-----------|---|-----------|---|-----------|---|
| Time      | m   | Time      | m  | Time      | m   | Time      | m  |           |   |           |   |           |   |           |   |
| <b>1</b>  | 0006 5.94<br>0638 0.18<br>TU 1236 5.40<br>1852 0.44 | <b>16</b> | 0609 0.98<br>1210 4.72<br>WE 1822 1.31               | <b>1</b>  | 0031 5.24<br>0653 0.43<br>TH 1302 5.48<br>1927 0.88 | <b>16</b> | 0603 1.07<br>1213 4.88<br>FR 1836 1.52               | <b>1</b>  | 0200 4.07<br>0803 1.37<br>SU 1428 4.97<br>2111 1.55 | <b>16</b> | 0052 3.99<br>0654 1.37<br>MO 1317 4.92<br>2000 1.69 | <b>1</b>  | 0232 3.91<br>0826 1.72<br>TU 1451 4.81<br>2137 1.61 | <b>16</b> | 0142 4.19<br>0741 1.35<br>WE 1401 5.18<br>2049 1.40 |
| <b>2</b>  | 0052 5.55<br>0721 0.42<br>WE 1325 5.22<br>1942 0.84 | <b>17</b> | 0018 4.60<br>0633 1.17<br>TH 1238 4.57<br>1852 1.58  | <b>2</b>  | 0121 4.72<br>0738 0.84<br>FR 1355 5.16<br>2023 1.30 | <b>17</b> | 0022 4.18<br>0632 1.29<br>SA 1246 4.71<br>1913 1.74  | <b>2</b>  | 0309 3.79<br>0907 1.74<br>MO 1537 4.69<br>2230 1.63 | <b>17</b> | 0148 3.83<br>0747 1.60<br>TU 1415 4.77<br>2108 1.72 | <b>2</b>  | 0339 3.80<br>0933 2.01<br>WE 1556 4.56<br>2246 1.63 | <b>17</b> | 0246 4.15<br>0843 1.57<br>TH 1504 5.01<br>2154 1.36 |
| <b>3</b>  | 0140 5.03<br>0807 0.76<br>TH 1420 4.98<br>2038 1.28 | <b>18</b> | 0045 4.28<br>0701 1.39<br>FR 1311 4.38<br>1928 1.86  | <b>3</b>  | 0219 4.21<br>0832 1.28<br>SA 1459 4.84<br>2136 1.61 | <b>18</b> | 0059 3.91<br>0706 1.53<br>SU 1329 4.52<br>2005 1.94  | <b>3</b>  | 0436 3.75<br>1034 1.91<br>TU 1658 4.61<br>2348 1.50 | <b>18</b> | 0305 3.77<br>0900 1.78<br>WE 1531 4.72<br>2227 1.57 | <b>3</b>  | 0501 3.88<br>1057 2.11<br>TH 1710 4.47<br>2353 1.52 | <b>18</b> | 0402 4.23<br>1000 1.70<br>FR 1618 4.91<br>2304 1.21 |
| <b>4</b>  | 0237 4.50<br>0902 1.12<br>FR 1526 4.75<br>2151 1.63 | <b>19</b> | 0118 3.95<br>0736 1.64<br>SA 1356 4.19<br>2021 2.12  | <b>4</b>  | 0335 3.85<br>0945 1.61<br>SU 1618 4.66<br>2308 1.66 | <b>19</b> | 0152 3.65<br>0758 1.77<br>MO 1434 4.38<br>2126 2.02  | <b>4</b>  | 0602 3.98<br>1200 1.80<br>WE 1811 4.70              | <b>19</b> | 0433 3.95<br>1030 1.76<br>TH 1653 4.82<br>2341 1.26 | <b>4</b>  | 0614 4.13<br>1216 2.00<br>FR 1815 4.51              | <b>19</b> | 0520 4.50<br>1124 1.66<br>SA 1733 4.91              |
| <b>5</b>  | 0353 4.08<br>1016 1.38<br>SA 1649 4.68<br>2327 1.69 | <b>20</b> | 0211 3.64<br>0830 1.87<br>SU 1510 4.07<br>2152 2.24  | <b>5</b>  | 0513 3.80<br>1118 1.68<br>MO 1745 4.73              | <b>20</b> | 0321 3.54<br>0924 1.92<br>TU 1605 4.40<br>2302 1.81  | <b>5</b>  | 0050 1.25<br>0702 4.33<br>TH 1305 1.57<br>1907 4.85 | <b>20</b> | 0551 4.34<br>1153 1.53<br>FR 1805 5.04              | <b>5</b>  | 0047 1.33<br>0709 4.46<br>SA 1315 1.79<br>1909 4.59 | <b>20</b> | 0013 0.98<br>0631 4.89<br>SU 1244 1.47<br>1842 4.96 |
| <b>6</b>  | 0528 3.95<br>1143 1.40<br>SU 1814 4.85              | <b>21</b> | 0349 3.48<br>1004 1.95<br>MO 1651 4.20<br>2339 2.00  | <b>6</b>  | 0033 1.42<br>0638 4.08<br>TU 1239 1.47<br>1854 4.95 | <b>21</b> | 0504 3.74<br>1103 1.78<br>WE 1732 4.69               | <b>6</b>  | 0138 1.02<br>0749 4.65<br>FR 1354 1.34<br>1951 4.96 | <b>21</b> | 0045 0.89<br>0655 4.82<br>SA 1304 1.21<br>1906 5.24 | <b>6</b>  | 0132 1.14<br>0753 4.77<br>SU 1402 1.57<br>1952 4.67 | <b>21</b> | 0116 0.74<br>0733 5.30<br>MO 1353 1.21<br>1944 5.00 |
| <b>7</b>  | 0057 1.43<br>0655 4.15<br>MO 1302 1.19<br>1923 5.14 | <b>22</b> | 0534 3.67<br>1140 1.71<br>TU 1812 4.60               | <b>7</b>  | 0132 1.10<br>0735 4.44<br>WE 1339 1.19<br>1947 5.17 | <b>22</b> | 0018 1.39<br>0620 4.19<br>TH 1222 1.41<br>1838 5.08  | <b>7</b>  | 0217 0.86<br>0826 4.90<br>SA 1435 1.19<br>2029 5.01 | <b>22</b> | 0141 0.56<br>0750 5.27<br>SU 1405 0.92<br>2000 5.36 | <b>7</b>  | 0210 0.97<br>0829 5.03<br>MO 1443 1.39<br>2030 4.71 | <b>22</b> | 0212 0.54<br>0827 5.67<br>TU 1453 0.98<br>2040 5.02 |
| <b>8</b>  | 0159 1.08<br>0756 4.44<br>TU 1402 0.98<br>2015 5.39 | <b>23</b> | 0052 1.55<br>0645 4.08<br>WE 1250 1.30<br>1911 5.07  | <b>8</b>  | 0217 0.85<br>0820 4.72<br>TH 1426 0.99<br>2028 5.28 | <b>23</b> | 0118 0.93<br>0719 4.69<br>FR 1325 1.01<br>1933 5.42  | <b>8</b>  | 0251 0.76<br>0900 5.08<br>SU 1511 1.09<br>2103 4.99 | <b>23</b> | 0232 0.31<br>0839 5.65<br>MO 1500 0.70<br>2051 5.38 | <b>8</b>  | 0245 0.85<br>0903 5.24<br>TU 1520 1.26<br>2105 4.70 | <b>23</b> | 0302 0.41<br>0916 5.93<br>WE 1545 0.81<br>2131 5.00 |
| <b>9</b>  | 0247 0.83<br>0843 4.67<br>WE 1449 0.77<br>2057 5.52 | <b>24</b> | 0148 1.07<br>0741 4.53<br>TH 1348 0.88<br>2002 5.50  | <b>9</b>  | 0255 0.72<br>0856 4.90<br>FR 1505 0.89<br>2104 5.31 | <b>24</b> | 0209 0.54<br>0810 5.14<br>SA 1422 0.67<br>2023 5.65  | <b>9</b>  | 0321 0.70<br>0930 5.21<br>MO 1544 1.04<br>2135 4.93 | <b>24</b> | 0318 0.17<br>0926 5.93<br>TU 1551 0.56<br>2138 5.32 | <b>9</b>  | 0317 0.76<br>0934 5.40<br>WE 1556 1.18<br>2139 4.67 | <b>24</b> | 0348 0.35<br>1001 6.09<br>TH 1633 0.73<br>2217 4.95 |
| <b>10</b> | 0326 0.70<br>0921 4.79<br>TH 1529 0.70<br>2133 5.53 | <b>25</b> | 0237 0.66<br>0830 4.93<br>FR 1440 0.53<br>2048 5.81  | <b>10</b> | 0328 0.67<br>0928 5.00<br>SA 1538 0.85<br>2136 5.27 | <b>25</b> | 0257 0.25<br>0856 5.51<br>SU 1513 0.43<br>2109 5.75  | <b>10</b> | 0349 0.67<br>0959 5.30<br>TU 1616 1.03<br>2204 4.84 | <b>25</b> | 0402 0.12<br>1010 6.11<br>WE 1639 0.51<br>2225 5.19 | <b>10</b> | 0350 0.72<br>1006 5.51<br>TH 1631 1.14<br>2213 4.63 | <b>25</b> | 0431 0.37<br>1043 6.14<br>FR 1717 0.73<br>2302 4.86 |
| <b>11</b> | 0401 0.68<br>0954 4.84<br>FR 1603 0.70<br>2205 5.49 | <b>26</b> | 0323 0.34<br>0915 5.28<br>SA 1530 0.27<br>2133 6.00  | <b>11</b> | 0357 0.66<br>0957 5.07<br>SU 1609 0.86<br>2205 5.18 | <b>26</b> | 0341 0.05<br>0940 5.81<br>MO 1602 0.29<br>2154 5.73  | <b>11</b> | 0416 0.68<br>1027 5.35<br>WE 1648 1.07<br>2233 4.71 | <b>26</b> | 0444 0.16<br>1054 6.15<br>TH 1726 0.57<br>2312 5.00 | <b>11</b> | 0422 0.70<br>1037 5.58<br>FR 1706 1.13<br>2248 4.57 | <b>26</b> | 0512 0.47<br>1124 6.08<br>SA 1758 0.81<br>2344 4.73 |
| <b>12</b> | 0430 0.70<br>1024 4.87<br>SA 1633 0.74<br>2235 5.41 | <b>27</b> | 0406 0.10<br>0959 5.55<br>SU 1617 0.11<br>2216 6.06  | <b>12</b> | 0423 0.67<br>1024 5.11<br>MO 1638 0.90<br>2232 5.06 | <b>27</b> | 0423 -0.04<br>1025 6.00<br>TU 1649 0.26<br>2240 5.58 | <b>12</b> | 0444 0.73<br>1055 5.35<br>TH 1720 1.15<br>2303 4.56 | <b>27</b> | 0526 0.32<br>1138 6.06<br>FR 1812 0.72<br>2359 4.73 | <b>12</b> | 0456 0.73<br>1111 5.61<br>SA 1743 1.16<br>2325 4.50 | <b>27</b> | 0551 0.65<br>1204 5.91<br>SU 1838 0.96              |
| <b>13</b> | 0457 0.73<br>1051 4.88<br>SU 1701 0.81<br>2301 5.29 | <b>28</b> | 0449 -0.03<br>1044 5.75<br>MO 1704 0.08<br>2301 5.95 | <b>13</b> | 0448 0.70<br>1051 5.13<br>TU 1707 0.98<br>2258 4.90 | <b>28</b> | 0505 -0.00<br>1109 6.05<br>WE 1736 0.36<br>2326 5.31 | <b>13</b> | 0513 0.82<br>1125 5.31<br>FR 1753 1.26<br>2336 4.38 | <b>28</b> | 0607 0.59<br>1222 5.83<br>SA 1858 0.95              | <b>13</b> | 0532 0.80<br>1147 5.58<br>SU 1823 1.21              | <b>28</b> | 0026 4.57<br>0628 0.91<br>MO 1243 5.64<br>1917 1.15 |
| <b>14</b> | 0522 0.77<br>1117 4.87<br>MO 1729 0.92<br>2327 5.12 | <b>29</b> | 0530 -0.04<br>1128 5.81<br>TU 1751 0.20<br>2345 5.67 | <b>14</b> | 0513 0.77<br>1117 5.10<br>WE 1735 1.11<br>2325 4.69 | <b>29</b> | 0546 0.18<br>1154 5.95<br>TH 1824 0.60               | <b>14</b> | 0543 0.97<br>1157 5.21<br>SA 1828 1.41              | <b>29</b> | 0046 4.43<br>0650 0.95<br>SU 1308 5.50<br>1945 1.22 | <b>14</b> | 0005 4.40<br>0609 0.94<br>MO 1226 5.49<br>1906 1.29 | <b>29</b> | 0107 4.38<br>0706 1.24<br>TU 1323 5.31<br>1957 1.37 |
| <b>15</b> | 0546 0.85<br>1143 4.83<br>TU 1755 1.08<br>2353 4.89 | <b>30</b> | 0611 0.11<br>1214 5.72<br>WE 1837 0.48               | <b>15</b> | 0537 0.90<br>1144 5.01<br>TH 1804 1.30<br>2353 4.44 | <b>30</b> | 0013 4.92<br>0628 0.50<br>FR 1241 5.69<br>1913 0.93  | <b>15</b> | 0011 4.19<br>0616 1.15<br>SU 1233 5.08<br>1909 1.57 | <b>30</b> | 0136 4.14<br>0734 1.34<br>MO 1356 5.14<br>2037 1.46 | <b>15</b> | 0050 4.29<br>0651 1.13<br>TU 1310 5.35<br>1954 1.37 | <b>30</b> | 0149 4.18<br>0745 1.58<br>WE 1403 4.97<br>2041 1.57 |
|           |   |           |  | <b>31</b> | 0104 4.48<br>0712 0.92<br>SA 1331 5.33<br>2007 1.28 |           |  |           |   | <b>31</b> | 0238 4.01<br>0832 1.93<br>TH 1451 4.63<br>2133 1.72 |           |   |           |   |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols



New Moon



First Quarter



Full Moon



Last Quarter

Bureau of Meteorology

National Tidal Centre



# BUGATTI REEF – QUEENSLAND

LAT 20° 5' LONG 150° 18'  
Times and Heights of High and Low Waters

# 2015

Local Time

| MAY   |   |   |   | JUNE  |   |   |   | JULY  |   |   |   | AUGUST  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|---|--|---|--|
| Time  | m   | Time  | m   | Time  | m   | Time  | m   | Time  | m   | Time  | m   | Time  | m   | Time  | m   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>1</b> 0227 0.86<br>0835 2.50<br>FR 1434 0.55<br>2108 2.63  | <b>16</b> 0215 0.65<br>0834 2.74<br>SA 1424 0.21<br>2112 3.14 | <b>1</b> 0307 0.87<br>0900 2.16<br>MO 1448 0.40<br>2140 2.82  | <b>16</b> 0343 0.74<br>0947 2.22<br>TU 1526 0.29<br>2224 3.14 | <b>1</b> 0321 0.74<br>0917 2.08<br>WE 1500 0.24<br>2155 3.00  | <b>16</b> 0413 0.71<br>1015 2.08<br>TH 1550 0.39<br>2244 2.96 | <b>1</b> 0420 0.44<br>1028 2.30<br>SA 1609 0.13<br>2256 3.18  | <b>16</b> 0452 0.65<br>1100 2.11<br>SU 1637 0.57<br>2315 2.59 | <b>2</b> 0258 0.85<br>0901 2.43<br>SA 1455 0.53<br>2133 2.69  | <b>17</b> 0302 0.65<br>0917 2.63<br>SU 1504 0.22<br>2155 3.21 | <b>2</b> 0340 0.83<br>0935 2.13<br>TU 1519 0.38<br>2213 2.89  | <b>17</b> 0427 0.76<br>1028 2.12<br>WE 1604 0.38<br>2303 3.06 | <b>2</b> 0359 0.67<br>0958 2.11<br>TH 1540 0.22<br>2234 3.08  | <b>17</b> 0451 0.72<br>1051 2.03<br>FR 1625 0.47<br>2317 2.85 | <b>2</b> 0504 0.42<br>1113 2.32<br>SU 1655 0.22<br>2339 3.09  | <b>17</b> 0521 0.68<br>1129 2.06<br>MO 1708 0.69<br>2338 2.44 | <b>3</b> 0326 0.85<br>0927 2.36<br>SU 1518 0.52<br>2200 2.74  | <b>18</b> 0349 0.68<br>1000 2.48<br>MO 1543 0.28<br>2237 3.20 | <b>3</b> 0415 0.81<br>1011 2.09<br>WE 1554 0.37<br>2249 2.94  | <b>18</b> 0511 0.79<br>1108 2.02<br>TH 1643 0.49<br>2341 2.94 | <b>3</b> 0442 0.63<br>1041 2.11<br>FR 1621 0.24<br>2315 3.10  | <b>18</b> 0527 0.74<br>1125 1.97<br>SA 1659 0.58<br>2348 2.71 | <b>3</b> 0551 0.43<br>1202 2.30<br>MO 1745 0.39               | <b>18</b> 0549 0.72<br>1158 2.01<br>TU 1738 0.82              | <b>4</b> 0354 0.86<br>0955 2.28<br>MO 1543 0.52<br>2230 2.77  | <b>19</b> 0436 0.74<br>1042 2.32<br>TU 1623 0.38<br>2319 3.12 | <b>4</b> 0455 0.79<br>1051 2.04<br>TH 1632 0.40<br>2329 2.95  | <b>19</b> 0557 0.83<br>1149 1.92<br>FR 1721 0.63              | <b>4</b> 0527 0.61<br>1126 2.10<br>SA 1706 0.32<br>2358 3.06  | <b>19</b> 0605 0.78<br>1200 1.91<br>SU 1733 0.71              | <b>4</b> 0025 2.92<br>0643 0.47<br>TU 1258 2.26<br>1840 0.61  | <b>19</b> 0002 2.28<br>0619 0.77<br>WE 1233 1.94<br>1814 0.97 | <b>5</b> 0427 0.88<br>1026 2.19<br>TU 1612 0.52<br>2302 2.78  | <b>20</b> 0524 0.82<br>1125 2.14<br>WE 1703 0.53              | <b>5</b> 0541 0.79<br>1135 1.98<br>FR 1715 0.47               | <b>20</b> 0019 2.78<br>0646 0.88<br>SA 1233 1.82<br>1801 0.80 | <b>5</b> 0617 0.61<br>1217 2.06<br>SU 1755 0.46               | <b>20</b> 0018 2.56<br>0644 0.82<br>MO 1238 1.84<br>1809 0.87 | <b>5</b> 0117 2.67<br>0741 0.54<br>WE 1406 2.22<br>1951 0.85  | <b>20</b> 0031 2.11<br>0654 0.82<br>TH 1322 1.87<br>1901 1.12 | <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |  |  |  | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |  | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |  |
| <b>2</b> 0258 0.85<br>0901 2.43<br>SA 1455 0.53<br>2133 2.69  | <b>17</b> 0302 0.65<br>0917 2.63<br>SU 1504 0.22<br>2155 3.21 | <b>2</b> 0340 0.83<br>0935 2.13<br>TU 1519 0.38<br>2213 2.89  | <b>17</b> 0427 0.76<br>1028 2.12<br>WE 1604 0.38<br>2303 3.06 | <b>2</b> 0359 0.67<br>0958 2.11<br>TH 1540 0.22<br>2234 3.08  | <b>17</b> 0451 0.72<br>1051 2.03<br>FR 1625 0.47<br>2317 2.85 | <b>2</b> 0504 0.42<br>1113 2.32<br>SU 1655 0.22<br>2339 3.09  | <b>17</b> 0521 0.68<br>1129 2.06<br>MO 1708 0.69<br>2338 2.44 | <b>3</b> 0326 0.85<br>0927 2.36<br>SU 1518 0.52<br>2200 2.74  | <b>18</b> 0349 0.68<br>1000 2.48<br>MO 1543 0.28<br>2237 3.20 | <b>3</b> 0415 0.81<br>1011 2.09<br>WE 1554 0.37<br>2249 2.94  | <b>18</b> 0511 0.79<br>1108 2.02<br>TH 1643 0.49<br>2341 2.94 | <b>3</b> 0442 0.63<br>1041 2.11<br>FR 1621 0.24<br>2315 3.10  | <b>18</b> 0527 0.74<br>1125 1.97<br>SA 1659 0.58<br>2348 2.71 | <b>3</b> 0551 0.43<br>1202 2.30<br>MO 1745 0.39               | <b>18</b> 0549 0.72<br>1158 2.01<br>TU 1738 0.82              | <b>4</b> 0354 0.86<br>0955 2.28<br>MO 1543 0.52<br>2230 2.77  | <b>19</b> 0436 0.74<br>1042 2.32<br>TU 1623 0.38<br>2319 3.12 | <b>4</b> 0455 0.79<br>1051 2.04<br>TH 1632 0.40<br>2329 2.95  | <b>19</b> 0557 0.83<br>1149 1.92<br>FR 1721 0.63              | <b>4</b> 0527 0.61<br>1126 2.10<br>SA 1706 0.32<br>2358 3.06  | <b>19</b> 0605 0.78<br>1200 1.91<br>SU 1733 0.71              | <b>4</b> 0025 2.92<br>0643 0.47<br>TU 1258 2.26<br>1840 0.61  | <b>19</b> 0002 2.28<br>0619 0.77<br>WE 1233 1.94<br>1814 0.97 | <b>5</b> 0427 0.88<br>1026 2.19<br>TU 1612 0.52<br>2302 2.78  | <b>20</b> 0524 0.82<br>1125 2.14<br>WE 1703 0.53              | <b>5</b> 0541 0.79<br>1135 1.98<br>FR 1715 0.47               | <b>20</b> 0019 2.78<br>0646 0.88<br>SA 1233 1.82<br>1801 0.80 | <b>5</b> 0617 0.61<br>1217 2.06<br>SU 1755 0.46               | <b>20</b> 0018 2.56<br>0644 0.82<br>MO 1238 1.84<br>1809 0.87 | <b>5</b> 0117 2.67<br>0741 0.54<br>WE 1406 2.22<br>1951 0.85  | <b>20</b> 0031 2.11<br>0654 0.82<br>TH 1322 1.87<br>1901 1.12 | <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |  |  |  |   |  |   |  |
| <b>3</b> 0326 0.85<br>0927 2.36<br>SU 1518 0.52<br>2200 2.74  | <b>18</b> 0349 0.68<br>1000 2.48<br>MO 1543 0.28<br>2237 3.20 | <b>3</b> 0415 0.81<br>1011 2.09<br>WE 1554 0.37<br>2249 2.94  | <b>18</b> 0511 0.79<br>1108 2.02<br>TH 1643 0.49<br>2341 2.94 | <b>3</b> 0442 0.63<br>1041 2.11<br>FR 1621 0.24<br>2315 3.10  | <b>18</b> 0527 0.74<br>1125 1.97<br>SA 1659 0.58<br>2348 2.71 | <b>3</b> 0551 0.43<br>1202 2.30<br>MO 1745 0.39               | <b>18</b> 0549 0.72<br>1158 2.01<br>TU 1738 0.82              | <b>4</b> 0354 0.86<br>0955 2.28<br>MO 1543 0.52<br>2230 2.77  | <b>19</b> 0436 0.74<br>1042 2.32<br>TU 1623 0.38<br>2319 3.12 | <b>4</b> 0455 0.79<br>1051 2.04<br>TH 1632 0.40<br>2329 2.95  | <b>19</b> 0557 0.83<br>1149 1.92<br>FR 1721 0.63              | <b>4</b> 0527 0.61<br>1126 2.10<br>SA 1706 0.32<br>2358 3.06  | <b>19</b> 0605 0.78<br>1200 1.91<br>SU 1733 0.71              | <b>4</b> 0025 2.92<br>0643 0.47<br>TU 1258 2.26<br>1840 0.61  | <b>19</b> 0002 2.28<br>0619 0.77<br>WE 1233 1.94<br>1814 0.97 | <b>5</b> 0427 0.88<br>1026 2.19<br>TU 1612 0.52<br>2302 2.78  | <b>20</b> 0524 0.82<br>1125 2.14<br>WE 1703 0.53              | <b>5</b> 0541 0.79<br>1135 1.98<br>FR 1715 0.47               | <b>20</b> 0019 2.78<br>0646 0.88<br>SA 1233 1.82<br>1801 0.80 | <b>5</b> 0617 0.61<br>1217 2.06<br>SU 1755 0.46               | <b>20</b> 0018 2.56<br>0644 0.82<br>MO 1238 1.84<br>1809 0.87 | <b>5</b> 0117 2.67<br>0741 0.54<br>WE 1406 2.22<br>1951 0.85  | <b>20</b> 0031 2.11<br>0654 0.82<br>TH 1322 1.87<br>1901 1.12 | <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>4</b> 0354 0.86<br>0955 2.28<br>MO 1543 0.52<br>2230 2.77  | <b>19</b> 0436 0.74<br>1042 2.32<br>TU 1623 0.38<br>2319 3.12 | <b>4</b> 0455 0.79<br>1051 2.04<br>TH 1632 0.40<br>2329 2.95  | <b>19</b> 0557 0.83<br>1149 1.92<br>FR 1721 0.63              | <b>4</b> 0527 0.61<br>1126 2.10<br>SA 1706 0.32<br>2358 3.06  | <b>19</b> 0605 0.78<br>1200 1.91<br>SU 1733 0.71              | <b>4</b> 0025 2.92<br>0643 0.47<br>TU 1258 2.26<br>1840 0.61  | <b>19</b> 0002 2.28<br>0619 0.77<br>WE 1233 1.94<br>1814 0.97 | <b>5</b> 0427 0.88<br>1026 2.19<br>TU 1612 0.52<br>2302 2.78  | <b>20</b> 0524 0.82<br>1125 2.14<br>WE 1703 0.53              | <b>5</b> 0541 0.79<br>1135 1.98<br>FR 1715 0.47               | <b>20</b> 0019 2.78<br>0646 0.88<br>SA 1233 1.82<br>1801 0.80 | <b>5</b> 0617 0.61<br>1217 2.06<br>SU 1755 0.46               | <b>20</b> 0018 2.56<br>0644 0.82<br>MO 1238 1.84<br>1809 0.87 | <b>5</b> 0117 2.67<br>0741 0.54<br>WE 1406 2.22<br>1951 0.85  | <b>20</b> 0031 2.11<br>0654 0.82<br>TH 1322 1.87<br>1901 1.12 | <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>5</b> 0427 0.88<br>1026 2.19<br>TU 1612 0.52<br>2302 2.78  | <b>20</b> 0524 0.82<br>1125 2.14<br>WE 1703 0.53              | <b>5</b> 0541 0.79<br>1135 1.98<br>FR 1715 0.47               | <b>20</b> 0019 2.78<br>0646 0.88<br>SA 1233 1.82<br>1801 0.80 | <b>5</b> 0617 0.61<br>1217 2.06<br>SU 1755 0.46               | <b>20</b> 0018 2.56<br>0644 0.82<br>MO 1238 1.84<br>1809 0.87 | <b>5</b> 0117 2.67<br>0741 0.54<br>WE 1406 2.22<br>1951 0.85  | <b>20</b> 0031 2.11<br>0654 0.82<br>TH 1322 1.87<br>1901 1.12 | <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>6</b> 0503 0.90<br>1101 2.10<br>WE 1645 0.55<br>2340 2.77  | <b>21</b> 0002 2.98<br>0618 0.91<br>TH 1210 1.97<br>1746 0.70 | <b>6</b> 0013 2.91<br>0635 0.81<br>SA 1226 1.91<br>1804 0.59  | <b>21</b> 0059 2.61<br>0741 0.91<br>SU 1326 1.74<br>1847 0.98 | <b>6</b> 0046 2.94<br>0715 0.62<br>MO 1316 2.02<br>1852 0.65  | <b>21</b> 0049 2.38<br>0728 0.86<br>TU 1326 1.77<br>1851 1.05 | <b>6</b> 0218 2.40<br>0848 0.59<br>TH 1530 2.24<br>2123 1.02  | <b>21</b> 0111 1.93<br>0743 0.87<br>FR 1433 1.84<br>2017 1.25 | <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>7</b> 0546 0.95<br>1141 1.99<br>TH 1724 0.62               | <b>22</b> 0047 2.80<br>0721 0.98<br>FR 1304 1.82<br>1833 0.90 | <b>7</b> 0104 2.84<br>0739 0.81<br>SU 1330 1.86<br>1903 0.74  | <b>22</b> 0143 2.43<br>0841 0.93<br>MO 1437 1.69<br>1946 1.15 | <b>7</b> 0141 2.78<br>0820 0.62<br>TU 1430 2.03<br>2003 0.85  | <b>22</b> 0125 2.20<br>0817 0.89<br>WE 1434 1.74<br>1951 1.21 | <b>7</b> 0335 2.17<br>1002 0.60<br>FR 1657 2.35<br>2306 1.04  | <b>22</b> 0213 1.76<br>0850 0.88<br>SA 1602 1.90<br>2209 1.26 | <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>8</b> 0024 2.72<br>0640 0.99<br>FR 1231 1.88<br>1812 0.73  | <b>23</b> 0139 2.62<br>0836 1.02<br>SA 1417 1.72<br>1934 1.09 | <b>8</b> 0205 2.75<br>0852 0.77<br>MO 1451 1.88<br>2018 0.89  | <b>23</b> 0236 2.27<br>0944 0.91<br>TU 1603 1.73<br>2109 1.28 | <b>8</b> 0245 2.59<br>0926 0.60<br>WE 1555 2.12<br>2130 1.00  | <b>23</b> 0214 2.03<br>0916 0.89<br>TH 1557 1.78<br>2122 1.32 | <b>8</b> 0500 2.04<br>1111 0.57<br>SA 1812 2.54               | <b>23</b> 0342 1.67<br>1006 0.83<br>SU 1720 2.06<br>2341 1.13 | <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>9</b> 0118 2.66<br>0751 1.02<br>SA 1338 1.79<br>1914 0.86  | <b>24</b> 0241 2.45<br>0952 0.99<br>SU 1551 1.72<br>2058 1.23 | <b>9</b> 0314 2.66<br>1001 0.69<br>TU 1618 2.02<br>2145 0.98  | <b>24</b> 0337 2.14<br>1044 0.85<br>WE 1724 1.86<br>2243 1.31 | <b>9</b> 0357 2.42<br>1032 0.54<br>TH 1716 2.30<br>2302 1.04  | <b>24</b> 0319 1.89<br>1016 0.84<br>FR 1718 1.91<br>2306 1.29 | <b>9</b> 0028 0.94<br>0616 2.02<br>SU 1212 0.50<br>1910 2.73  | <b>24</b> 0508 1.70<br>1113 0.70<br>MO 1819 2.29              | <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>10</b> 0227 2.61<br>0916 0.98<br>SU 1509 1.80<br>2036 0.96 | <b>25</b> 0352 2.35<br>1058 0.91<br>MO 1718 1.84<br>2231 1.27 | <b>10</b> 0425 2.60<br>1101 0.57<br>WE 1734 2.25<br>2309 0.98 | <b>25</b> 0441 2.06<br>1133 0.76<br>TH 1823 2.04              | <b>10</b> 0513 2.30<br>1131 0.46<br>FR 1825 2.54              | <b>25</b> 0433 1.82<br>1112 0.75<br>SA 1817 2.10              | <b>10</b> 0126 0.81<br>0716 2.06<br>MO 1303 0.43<br>1957 2.86 | <b>25</b> 0035 0.94<br>0617 1.82<br>TU 1209 0.54<br>1906 2.54 | <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>11</b> 0344 2.62<br>1030 0.85<br>MO 1637 1.95<br>2206 0.97 | <b>26</b> 0501 2.30<br>1149 0.81<br>TU 1820 2.02<br>2348 1.21 | <b>11</b> 0534 2.55<br>1153 0.44<br>TH 1837 2.52              | <b>26</b> 0001 1.24<br>0541 2.02<br>FR 1213 0.66<br>1905 2.22 | <b>11</b> 0020 0.97<br>0621 2.23<br>SA 1224 0.38<br>1921 2.76 | <b>26</b> 0019 1.17<br>0543 1.82<br>SU 1159 0.62<br>1902 2.31 | <b>11</b> 0210 0.71<br>0805 2.11<br>TU 1347 0.38<br>2039 2.94 | <b>26</b> 0116 0.75<br>0711 1.99<br>WE 1257 0.36<br>1949 2.78 | <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>12</b> 0457 2.68<br>1129 0.68<br>TU 1751 2.20<br>2324 0.89 | <b>27</b> 0558 2.29<br>1230 0.70<br>WE 1905 2.20              | <b>12</b> 0020 0.91<br>0635 2.51<br>FR 1241 0.33<br>1930 2.78 | <b>27</b> 0056 1.14<br>0631 2.01<br>SA 1246 0.56<br>1940 2.40 | <b>12</b> 0122 0.87<br>0720 2.20<br>SU 1311 0.32<br>2010 2.93 | <b>27</b> 0107 1.02<br>0642 1.88<br>MO 1241 0.48<br>1940 2.53 | <b>12</b> 0246 0.65<br>0847 2.14<br>WE 1425 0.36<br>2116 2.95 | <b>27</b> 0154 0.57<br>0758 2.16<br>TH 1342 0.21<br>2031 2.98 | <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>13</b> 0600 2.76<br>1219 0.50<br>WE 1850 2.48              | <b>28</b> 0044 1.12<br>0644 2.28<br>TH 1302 0.61<br>1942 2.36 | <b>13</b> 0119 0.84<br>0730 2.46<br>SA 1325 0.26<br>2018 2.98 | <b>28</b> 0137 1.02<br>0716 2.01<br>SU 1317 0.46<br>2013 2.57 | <b>13</b> 0212 0.79<br>0810 2.17<br>MO 1354 0.29<br>2053 3.03 | <b>28</b> 0144 0.86<br>0732 1.96<br>TU 1321 0.35<br>2018 2.75 | <b>13</b> 0319 0.62<br>0925 2.16<br>TH 1502 0.38<br>2150 2.91 | <b>28</b> 0232 0.42<br>0843 2.33<br>FR 1427 0.11<br>2112 3.12 | <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>14</b> 0028 0.79<br>0657 2.80<br>TH 1303 0.36<br>1941 2.76 | <b>29</b> 0127 1.03<br>0722 2.26<br>FR 1330 0.54<br>2013 2.50 | <b>14</b> 0210 0.78<br>0819 2.40<br>SU 1406 0.23<br>2102 3.11 | <b>29</b> 0212 0.92<br>0756 2.03<br>MO 1349 0.37<br>2045 2.73 | <b>14</b> 0255 0.74<br>0855 2.15<br>TU 1434 0.30<br>2132 3.07 | <b>29</b> 0221 0.72<br>0817 2.06<br>WE 1402 0.23<br>2056 2.94 | <b>14</b> 0352 0.61<br>0959 2.16<br>FR 1536 0.42<br>2221 2.83 | <b>29</b> 0312 0.32<br>0928 2.46<br>SA 1511 0.07<br>2153 3.18 | <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>15</b> 0124 0.70<br>0747 2.80<br>FR 1344 0.26<br>2028 2.98 | <b>30</b> 0203 0.97<br>0756 2.23<br>SA 1356 0.48<br>2041 2.62 | <b>15</b> 0258 0.75<br>0905 2.31<br>MO 1446 0.24<br>2144 3.16 | <b>30</b> 0246 0.82<br>0837 2.06<br>TU 1423 0.30<br>2119 2.88 | <b>15</b> 0335 0.71<br>0936 2.12<br>WE 1513 0.33<br>2209 3.04 | <b>30</b> 0258 0.59<br>0900 2.16<br>TH 1443 0.14<br>2135 3.09 | <b>15</b> 0423 0.63<br>1031 2.14<br>SA 1608 0.48<br>2249 2.72 | <b>30</b> 0354 0.26<br>1012 2.56<br>SU 1556 0.10<br>2235 3.14 | <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |
| <b>31</b> 0236 0.91<br>0827 2.20<br>SU 1420 0.44<br>2110 2.72 |   |   |   | <b>31</b> 0338 0.50<br>0943 2.25<br>FR 1526 0.10<br>2215 3.17 |   | <b>31</b> 0436 0.25<br>1057 2.60<br>MO 1642 0.22<br>2317 2.99 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |   |  |   |  |

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter



# BUGATTI REEF – QUEENSLAND

LAT 20° 5' LONG 150° 18'  
Times and Heights of High and Low Waters

# 2015

Local Time

| SEPTEMBER   |   |   |   | OCTOBER   |   |   |   | NOVEMBER  |   |   |   | DECEMBER  |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Time  | m | Time  | m | Time  | m | Time  | m | Time  | m | Time  | m | Time  | m | Time  | m |  |
| <b>1</b> 0520 0.29<br>1145 2.58<br>TU 1732 0.41               |   | <b>16</b> 0501 0.62<br>1127 2.21<br>WE 1715 0.82<br>2325 2.14 |   | <b>1</b> 0534 0.33<br>1219 2.74<br>TH 1819 0.70               |   | <b>16</b> 0449 0.56<br>1136 2.37<br>FR 1735 0.93<br>2330 1.87 |   | <b>1</b> 0109 1.82<br>0647 0.74<br>SU 1357 2.57<br>2102 0.94  |   | <b>16</b> 0002 1.74<br>0542 0.63<br>MO 1250 2.52<br>1918 0.97 |   | <b>1</b> 0152 1.71<br>0714 0.97<br>TU 1422 2.49<br>2133 0.92  |   | <b>16</b> 0052 1.83<br>0626 0.69<br>WE 1328 2.72<br>2009 0.83 |   |  |
| <b>2</b> 0002 2.76<br>0608 0.38<br>WE 1238 2.51<br>1829 0.64  |   | <b>17</b> 0526 0.66<br>1159 2.15<br>TH 1749 0.94<br>2353 1.98 |   | <b>2</b> 0030 2.23<br>0624 0.51<br>FR 1318 2.60<br>1932 0.89  |   | <b>17</b> 0520 0.62<br>1216 2.31<br>SA 1821 1.01              |   | <b>2</b> 0233 1.68<br>0802 0.94<br>MO 1515 2.45<br>2232 0.88  |   | <b>17</b> 0102 1.65<br>0638 0.76<br>TU 1352 2.47<br>2041 0.94 |   | <b>2</b> 0325 1.70<br>0835 1.14<br>WE 1532 2.37<br>2241 0.85  |   | <b>17</b> 0205 1.82<br>0733 0.86<br>TH 1434 2.63<br>2121 0.76 |   |  |
| <b>3</b> 0052 2.47<br>0702 0.51<br>TH 1342 2.42<br>1941 0.88  |   | <b>18</b> 0556 0.72<br>1240 2.08<br>FR 1834 1.06              |   | <b>3</b> 0131 1.94<br>0725 2.47<br>SA 1432 2.40<br>2123 0.98  |   | <b>18</b> 0011 1.73<br>0600 0.71<br>SU 1309 2.25<br>1929 1.08 |   | <b>3</b> 0419 1.70<br>0940 1.04<br>TU 1635 2.41<br>2336 0.76  |   | <b>18</b> 0226 1.63<br>0753 0.87<br>WE 1506 2.47<br>2159 0.82 |   | <b>3</b> 0456 1.81<br>1010 1.21<br>TH 1643 2.30<br>2334 0.75  |   | <b>18</b> 0332 1.92<br>0858 0.98<br>FR 1545 2.57<br>2226 0.64 |   |  |
| <b>4</b> 0154 2.16<br>0807 0.64<br>FR 1502 2.36<br>2123 1.02  |   | <b>19</b> 0031 1.81<br>0637 0.79<br>SA 1338 2.01<br>1944 1.17 |   | <b>4</b> 0300 1.76<br>0849 0.85<br>SU 1559 2.42<br>2306 0.90  |   | <b>19</b> 0111 1.60<br>0657 0.81<br>MO 1420 2.22<br>2107 1.06 |   | <b>4</b> 0541 1.86<br>1108 1.02<br>WE 1741 2.44               |   | <b>19</b> 0359 1.76<br>0924 0.91<br>TH 1620 2.53<br>2300 0.64 |   | <b>4</b> 0604 1.99<br>1131 1.17<br>FR 1743 2.28               |   | <b>19</b> 0455 2.13<br>1026 1.01<br>SA 1656 2.53<br>2322 0.50 |   |  |
| <b>5</b> 0317 1.93<br>0928 0.72<br>SA 1633 2.39<br>2313 0.98  |   | <b>20</b> 0129 1.65<br>0738 0.86<br>SU 1501 2.01<br>2131 1.17 |   | <b>5</b> 0446 1.75<br>1025 0.89<br>MO 1720 2.47<br>2300 0.92  |   | <b>20</b> 0246 1.55<br>0822 0.89<br>TU 1543 2.28<br>2233 0.92 |   | <b>5</b> 0021 0.63<br>0637 2.05<br>TH 1212 0.93<br>1833 2.47  |   | <b>20</b> 0516 2.00<br>1047 0.86<br>FR 1725 2.61<br>2350 0.45 |   | <b>5</b> 0017 0.64<br>0653 2.18<br>SA 1231 1.08<br>1833 2.27  |   | <b>20</b> 0603 2.41<br>1144 0.95<br>SU 1801 2.51              |   |  |
| <b>6</b> 0454 1.86<br>1052 0.72<br>SU 1751 2.52               |   | <b>21</b> 0308 1.57<br>0907 0.88<br>MO 1627 2.13<br>2306 1.03 |   | <b>6</b> 0011 0.76<br>0605 1.89<br>TU 1143 0.82<br>1822 2.56  |   | <b>21</b> 0424 1.67<br>0957 0.85<br>WE 1657 2.44<br>2332 0.71 |   | <b>6</b> 0056 0.52<br>0720 2.23<br>FR 1259 0.84<br>1916 2.48  |   | <b>21</b> 0618 2.29<br>1155 0.75<br>SA 1824 2.68              |   | <b>6</b> 0052 0.55<br>0732 2.35<br>SU 1318 0.99<br>1914 2.24  |   | <b>21</b> 0013 0.36<br>0701 2.69<br>MO 1248 0.86<br>1859 2.49 |   |  |
| <b>7</b> 0029 0.83<br>0614 1.93<br>MO 1201 0.64<br>1851 2.66  |   | <b>22</b> 0445 1.65<br>1033 0.78<br>TU 1736 2.34              |   | <b>7</b> 0055 0.62<br>0659 2.06<br>WE 1238 0.72<br>1910 2.64  |   | <b>22</b> 0536 1.90<br>1112 0.72<br>TH 1758 2.62              |   | <b>7</b> 0127 0.44<br>0756 2.37<br>SA 1339 0.77<br>1951 2.45  |   | <b>22</b> 0035 0.28<br>0711 2.59<br>SU 1254 0.64<br>1916 2.71 |   | <b>7</b> 0123 0.48<br>0806 2.49<br>MO 1356 0.92<br>1949 2.20  |   | <b>22</b> 0059 0.26<br>0751 2.94<br>TU 1343 0.77<br>1952 2.45 |   |  |
| <b>8</b> 0118 0.69<br>0711 2.04<br>TU 1254 0.55<br>1938 2.77  |   | <b>23</b> 0003 0.83<br>0556 1.84<br>WE 1139 0.61<br>1831 2.58 |   | <b>8</b> 0129 0.52<br>0742 2.22<br>TH 1321 0.63<br>1950 2.67  |   | <b>23</b> 0018 0.50<br>0635 2.18<br>FR 1213 0.56<br>1850 2.78 |   | <b>8</b> 0156 0.40<br>0829 2.48<br>SU 1415 0.74<br>2023 2.39  |   | <b>23</b> 0117 0.15<br>0800 2.85<br>MO 1346 0.57<br>2005 2.68 |   | <b>8</b> 0149 0.44<br>0836 2.60<br>TU 1431 0.88<br>2020 2.15  |   | <b>23</b> 0142 0.20<br>0838 3.13<br>WE 1432 0.72<br>2040 2.40 |   |  |
| <b>9</b> 0155 0.59<br>0756 2.15<br>WE 1337 0.48<br>2018 2.82  |   | <b>24</b> 0046 0.61<br>0652 2.07<br>TH 1234 0.43<br>1920 2.80 |   | <b>9</b> 0158 0.45<br>0817 2.33<br>FR 1358 0.59<br>2024 2.65  |   | <b>24</b> 0059 0.31<br>0725 2.45<br>SA 1306 0.42<br>1939 2.89 |   | <b>9</b> 0221 0.39<br>0858 2.55<br>MO 1447 0.74<br>2051 2.30  |   | <b>24</b> 0158 0.08<br>0846 3.05<br>TU 1435 0.54<br>2051 2.59 |   | <b>9</b> 0214 0.41<br>0903 2.68<br>WE 1501 0.85<br>2050 2.10  |   | <b>24</b> 0224 0.18<br>0921 3.23<br>TH 1519 0.71<br>2125 2.33 |   |  |
| <b>10</b> 0226 0.53<br>0835 2.23<br>TH 1415 0.45<br>2053 2.81 |   | <b>25</b> 0126 0.42<br>0741 2.31<br>FR 1323 0.27<br>2005 2.98 |   | <b>10</b> 0227 0.42<br>0850 2.40<br>SA 1432 0.58<br>2055 2.58 |   | <b>25</b> 0140 0.16<br>0813 2.70<br>SU 1356 0.34<br>2024 2.91 |   | <b>10</b> 0245 0.39<br>0926 2.59<br>TU 1517 0.76<br>2117 2.20 |   | <b>25</b> 0239 0.06<br>0931 3.17<br>WE 1523 0.56<br>2136 2.47 |   | <b>10</b> 0239 0.39<br>0931 2.75<br>TH 1531 0.84<br>2121 2.06 |   | <b>25</b> 0305 0.22<br>1003 3.25<br>FR 1604 0.72<br>2208 2.25 |   |  |
| <b>11</b> 0255 0.51<br>0909 2.28<br>FR 1448 0.45<br>2124 2.76 |   | <b>26</b> 0206 0.26<br>0827 2.52<br>SA 1410 0.17<br>2048 3.07 |   | <b>11</b> 0253 0.42<br>0920 2.44<br>SU 1504 0.60<br>2122 2.49 |   | <b>26</b> 0220 0.06<br>0858 2.90<br>MO 1443 0.32<br>2109 2.85 |   | <b>11</b> 0307 0.41<br>0951 2.61<br>WE 1545 0.79<br>2142 2.11 |   | <b>26</b> 0320 0.11<br>1014 3.20<br>TH 1611 0.62<br>2220 2.32 |   | <b>11</b> 0306 0.38<br>1000 2.81<br>FR 1602 0.83<br>2154 2.03 |   | <b>26</b> 0345 0.30<br>1043 3.20<br>SA 1648 0.76<br>2249 2.16 |   |  |
| <b>12</b> 0324 0.51<br>0940 2.30<br>SA 1520 0.48<br>2153 2.67 |   | <b>27</b> 0246 0.16<br>0912 2.70<br>SU 1456 0.15<br>2131 3.07 |   | <b>12</b> 0317 0.44<br>0947 2.46<br>MO 1533 0.64<br>2147 2.37 |   | <b>27</b> 0300 0.04<br>0942 3.03<br>TU 1531 0.37<br>2152 2.71 |   | <b>12</b> 0329 0.42<br>1018 2.63<br>TH 1615 0.82<br>2210 2.02 |   | <b>27</b> 0401 0.21<br>1058 3.15<br>FR 1701 0.70<br>2304 2.15 |   | <b>12</b> 0337 0.38<br>1032 2.85<br>SA 1637 0.82<br>2230 1.99 |   | <b>27</b> 0425 0.42<br>1122 3.09<br>SU 1733 0.81<br>2331 2.06 |   |  |
| <b>13</b> 0350 0.52<br>1009 2.30<br>SU 1550 0.54<br>2218 2.56 |   | <b>28</b> 0326 0.11<br>0956 2.82<br>MO 1543 0.19<br>2213 2.97 |   | <b>13</b> 0339 0.46<br>1012 2.45<br>TU 1600 0.71<br>2209 2.25 |   | <b>28</b> 0341 0.07<br>1027 3.07<br>WE 1619 0.47<br>2235 2.52 |   | <b>13</b> 0355 0.44<br>1047 2.63<br>FR 1648 0.86<br>2242 1.93 |   | <b>28</b> 0443 0.36<br>1142 3.03<br>SA 1754 0.80<br>2351 1.98 |   | <b>13</b> 0411 0.40<br>1108 2.87<br>SU 1717 0.82<br>2310 1.94 |   | <b>28</b> 0506 0.57<br>1202 2.93<br>MO 1821 0.87              |   |  |
| <b>14</b> 0416 0.55<br>1035 2.28<br>MO 1618 0.62<br>2240 2.42 |   | <b>29</b> 0408 0.12<br>1041 2.87<br>TU 1630 0.31<br>2256 2.78 |   | <b>14</b> 0400 0.49<br>1037 2.44<br>WE 1628 0.77<br>2232 2.13 |   | <b>29</b> 0423 0.17<br>1112 3.03<br>TH 1710 0.61<br>2320 2.29 |   | <b>14</b> 0425 0.48<br>1122 2.61<br>SA 1727 0.90<br>2318 1.84 |   | <b>29</b> 0527 0.54<br>1228 2.86<br>SU 1856 0.88              |   | <b>14</b> 0450 0.46<br>1148 2.85<br>MO 1804 0.84<br>2356 1.89 |   | <b>29</b> 0015 1.95<br>0546 0.75<br>TU 1243 2.74<br>1915 0.93 |   |  |
| <b>15</b> 0438 0.59<br>1101 2.25<br>TU 1646 0.71<br>2302 2.29 |   | <b>30</b> 0450 0.20<br>1128 2.84<br>WE 1721 0.49<br>2340 2.52 |   | <b>15</b> 0423 0.52<br>1105 2.42<br>TH 1659 0.84<br>2258 2.00 |   | <b>30</b> 0506 0.32<br>1200 2.92<br>FR 1807 0.76              |   | <b>15</b> 0500 0.54<br>1201 2.57<br>SU 1814 0.94              |   | <b>30</b> 0043 1.82<br>0615 0.75<br>MO 1321 2.67<br>2013 0.93 |   | <b>15</b> 0534 0.55<br>1234 2.80<br>TU 1901 0.85              |   | <b>30</b> 0106 1.85<br>0632 0.95<br>WE 1328 2.54<br>2017 0.97 |   |  |
|   |   |   |   | <b>31</b> 0009 2.04<br>0553 0.52<br>SA 1253 2.75<br>1921 0.89 |   |   |   |   |   |   |   | <b>31</b> 0213 1.79<br>0728 1.16<br>TH 1420 2.35<br>2123 0.97 |   |   |   |  |

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E  
Times and Heights of High and Low Waters

## 2015

Time Zone -1000

### JANUARY

| Time      | m   | Time      | m   |
|-----------|---|-----------|---|
| <b>1</b>  | 0146 0.38<br>0821 3.69<br>TH 1440 0.89<br>2029 2.96   | <b>16</b> | 0059 0.75<br>0747 3.32<br>FR 1403 1.18<br>1936 2.78   |
| <b>2</b>  | 0230 0.37<br>0906 3.81<br>FR 1527 0.84<br>2114 2.89   | <b>17</b> | 0142 0.59<br>0829 3.59<br>SA 1448 1.00<br>2022 2.86   |
| <b>3</b>  | 0309 0.39<br>0946 3.85<br>SA 1608 0.84<br>2154 2.81   | <b>18</b> | 0221 0.43<br>0910 3.82<br>SU 1530 0.86<br>2108 2.93   |
| <b>4</b>  | 0345 0.43<br>1023 3.84<br>SU 1645 0.87<br>2230 2.74   | <b>19</b> | 0301 0.30<br>0951 4.01<br>MO 1611 0.73<br>2154 3.00   |
| <b>5</b>  | 0418 0.50<br>1056 3.98<br>MO 1720 0.71<br>○ 2305 2.67 | <b>20</b> | 0343 0.21<br>1033 4.14<br>TU 1654 0.63<br>● 2243 3.06 |
| <b>6</b>  | 0450 0.60<br>1129 3.68<br>TU 1753 0.98<br>2337 2.60   | <b>21</b> | 0430 0.19<br>1116 4.19<br>WE 1737 0.57<br>2332 3.09   |
| <b>7</b>  | 0520 0.72<br>1200 3.56<br>WE 1826 1.04                | <b>22</b> | 0518 0.25<br>1200 4.12<br>TH 1823 0.57                |
| <b>8</b>  | 0011 2.54<br>0552 0.86<br>TH 1231 3.41<br>1900 1.11   | <b>23</b> | 0022 3.08<br>0608 0.42<br>FR 1245 3.94<br>1912 0.61   |
| <b>9</b>  | 0047 2.48<br>0627 1.04<br>FR 1304 3.24<br>1938 1.17   | <b>24</b> | 0115 3.04<br>0701 0.66<br>SA 1333 3.67<br>2006 0.69   |
| <b>10</b> | 0129 2.41<br>0707 1.24<br>SA 1340 3.05<br>2023 1.22   | <b>25</b> | 0215 2.98<br>0801 0.95<br>SU 1428 3.36<br>2108 0.76   |
| <b>11</b> | 0221 2.36<br>0759 1.45<br>SU 1424 2.85<br>2119 1.25   | <b>26</b> | 0328 2.97<br>0921 1.20<br>MO 1539 3.07<br>2218 0.79   |
| <b>12</b> | 0332 2.36<br>0910 1.62<br>MO 1525 2.69<br>2222 1.20   | <b>27</b> | 0449 3.06<br>1056 1.30<br>TU 1703 2.89<br>● 2328 0.76 |
| <b>13</b> | 0455 2.49<br>1039 1.66<br>TU 1639 2.61<br>● 2321 1.09 | <b>28</b> | 0607 3.26<br>1228 1.22<br>WE 1823 2.84                |
| <b>14</b> | 0605 2.73<br>1204 1.56<br>WE 1748 2.63                | <b>29</b> | 0035 0.68<br>0714 3.50<br>TH 1341 1.05<br>1931 2.87   |
| <b>15</b> | 0013 0.93<br>0700 3.03<br>TH 1311 1.37<br>1845 2.70   | <b>30</b> | 0133 0.59<br>0809 3.69<br>FR 1435 0.91<br>2024 2.91   |
| <b>31</b> | 0221 0.54<br>0854 3.80<br>SA 1519 0.84<br>2109 2.92   |           |   |

### FEBRUARY

| Time      | m   | Time      | m   |
|-----------|---|-----------|---|
| <b>1</b>  | 0300 0.53<br>0933 3.82<br>SU 1556 0.83<br>2145 2.90   | <b>16</b> | 0201 0.51<br>0847 3.90<br>MO 1509 0.75<br>2055 3.08   |
| <b>2</b>  | 0334 0.56<br>1006 3.80<br>MO 1628 0.87<br>2217 2.87   | <b>17</b> | 0246 0.34<br>0930 4.09<br>TU 1550 0.60<br>2143 3.23   |
| <b>3</b>  | 0404 0.60<br>1037 3.74<br>TU 1656 0.91<br>2247 2.84   | <b>18</b> | 0331 0.22<br>1013 4.21<br>WE 1630 0.48<br>2229 3.35   |
| <b>4</b>  | 0432 0.66<br>1106 3.66<br>WE 1723 0.95<br>○ 2315 2.82 | <b>19</b> | 0418 0.19<br>1056 4.22<br>TH 1712 0.41<br>● 2316 3.43 |
| <b>5</b>  | 0501 0.74<br>1134 3.56<br>TH 1749 0.99<br>2344 2.80   | <b>20</b> | 0506 0.26<br>1139 4.10<br>FR 1755 0.42                |
| <b>6</b>  | 0530 0.86<br>1201 3.42<br>FR 1817 1.04                | <b>21</b> | 0004 3.44<br>0556 0.44<br>SA 1224 3.86<br>1840 0.51   |
| <b>7</b>  | 0016 2.75<br>0602 1.02<br>SA 1230 3.26<br>1848 1.11   | <b>22</b> | 0054 3.38<br>0649 0.71<br>SU 1309 3.53<br>1928 0.66   |
| <b>8</b>  | 0050 2.69<br>0635 1.21<br>SU 1259 3.06<br>1921 1.19   | <b>23</b> | 0148 3.28<br>0748 1.01<br>MO 1401 3.15<br>2024 0.84   |
| <b>9</b>  | 0130 2.63<br>0714 1.41<br>MO 1332 2.85<br>2001 1.26   | <b>24</b> | 0255 3.17<br>0908 1.27<br>TU 1511 2.82<br>2136 0.98   |
| <b>10</b> | 0220 2.57<br>0812 1.60<br>TU 1416 2.64<br>2056 1.31   | <b>25</b> | 0418 3.15<br>1045 1.35<br>WE 1646 2.64<br>2257 1.01   |
| <b>11</b> | 0332 2.58<br>0939 1.71<br>WE 1529 2.49<br>2210 1.28   | <b>26</b> | 0541 3.26<br>1217 1.24<br>TH 1813 2.67<br>●           |
| <b>12</b> | 0501 2.74<br>1119 1.64<br>TH 1702 2.48<br>● 2322 1.14 | <b>27</b> | 0013 0.94<br>0653 3.45<br>FR 1328 1.03<br>1923 2.80   |
| <b>13</b> | 0614 3.02<br>1240 1.42<br>FR 1815 2.60                | <b>28</b> | 0117 0.83<br>0749 3.61<br>SA 1419 0.87<br>2015 2.93   |
| <b>14</b> | 0023 0.93<br>0713 3.34<br>SA 1339 1.17<br>1916 2.76   |           |   |
| <b>15</b> | 0115 0.71<br>0802 3.65<br>SU 1427 0.94<br>2008 2.93   |           |   |

### MARCH

| Time      | m   | Time      | m   |
|-----------|---|-----------|---|
| <b>1</b>  | 0206 0.74<br>0834 3.71<br>SU 1500 0.80<br>2056 3.01   | <b>16</b> | 0050 0.83<br>0732 3.67<br>MO 1402 0.80<br>1954 3.03   |
| <b>2</b>  | 0246 0.70<br>0911 3.72<br>MO 1533 0.79<br>2130 3.03   | <b>17</b> | 0142 0.61<br>0821 3.89<br>TU 1445 0.60<br>2043 3.26   |
| <b>3</b>  | 0319 0.70<br>0943 3.68<br>TU 1602 0.82<br>2159 3.04   | <b>18</b> | 0230 0.44<br>0906 4.03<br>WE 1525 0.45<br>2128 3.45   |
| <b>4</b>  | 0347 0.72<br>1011 3.62<br>WE 1626 0.85<br>2225 3.05   | <b>19</b> | 0317 0.33<br>0950 4.08<br>TH 1604 0.33<br>2214 3.62   |
| <b>5</b>  | 0414 0.76<br>1038 3.55<br>TH 1649 0.87<br>2252 3.06   | <b>20</b> | 0405 0.30<br>1033 4.03<br>FR 1644 0.28<br>● 2300 3.72 |
| <b>6</b>  | 0442 0.83<br>1105 3.45<br>FR 1713 0.90<br>○ 2320 3.06 | <b>21</b> | 0454 0.38<br>1117 3.87<br>SA 1726 0.32<br>2346 3.74   |
| <b>7</b>  | 0512 0.92<br>1132 3.32<br>SA 1739 0.94<br>2350 3.03   | <b>22</b> | 0546 0.55<br>1201 3.59<br>SU 1808 0.44                |
| <b>8</b>  | 0543 1.06<br>1158 3.15<br>SU 1803 1.01                | <b>23</b> | 0033 3.67<br>0638 0.79<br>MO 1246 3.25<br>1852 0.64   |
| <b>9</b>  | 0021 2.99<br>0614 1.22<br>MO 1224 2.96<br>1827 1.08   | <b>24</b> | 0123 3.52<br>0739 1.06<br>TU 1337 2.88<br>1942 0.88   |
| <b>10</b> | 0055 2.93<br>0649 1.38<br>TU 1251 2.76<br>1854 1.17   | <b>25</b> | 0222 3.34<br>0858 1.26<br>WE 1446 2.57<br>2049 1.11   |
| <b>11</b> | 0137 2.86<br>0741 1.54<br>WE 1332 2.57<br>1940 1.26   | <b>26</b> | 0343 3.21<br>1029 1.31<br>TH 1626 2.44<br>2218 1.23   |
| <b>12</b> | 0234 2.82<br>0902 1.63<br>TH 1441 2.41<br>2058 1.32   | <b>27</b> | 0506 3.22<br>1154 1.19<br>FR 1755 2.53<br>● 2343 1.19 |
| <b>13</b> | 0401 2.87<br>1043 1.57<br>FR 1625 2.38<br>2232 1.26   | <b>28</b> | 0620 3.32<br>1301 1.00<br>SA 1904 2.73                |
| <b>14</b> | 0528 3.09<br>1209 1.34<br>SA 1752 2.55<br>● 2349 1.07 | <b>29</b> | 0052 1.07<br>0718 3.44<br>SU 1350 0.85<br>1954 2.92   |
| <b>15</b> | 0636 3.38<br>1312 1.05<br>SU 1859 2.79                | <b>30</b> | 0143 0.95<br>0803 3.52<br>MO 1429 0.76<br>2034 3.05   |
| <b>31</b> | 0224 0.88<br>0841 3.53<br>TU 1501 0.74<br>2107 3.13   |           |   |

### APRIL

| Time      | m   | Time      | m   |
|-----------|---|-----------|---|
| <b>1</b>  | 0257 0.86<br>0912 3.49<br>WE 1528 0.75<br>2136 3.18   | <b>16</b> | 0217 0.58<br>0841 3.82<br>TH 1459 0.32<br>2115 3.62   |
| <b>2</b>  | 0327 0.86<br>0940 3.43<br>TH 1552 0.76<br>2203 3.22   | <b>17</b> | 0307 0.50<br>0926 3.79<br>FR 1538 0.24<br>2159 3.80   |
| <b>3</b>  | 0355 0.88<br>1008 3.35<br>FR 1615 0.77<br>2230 3.26   | <b>18</b> | 0356 0.49<br>1011 3.68<br>SA 1618 0.21<br>2244 3.91   |
| <b>4</b>  | 0425 0.93<br>1035 3.24<br>SA 1638 0.78<br>○ 2258 3.28 | <b>19</b> | 0446 0.54<br>1056 3.49<br>SU 1658 0.27<br>● 2328 3.93 |
| <b>5</b>  | 0456 1.00<br>1102 3.11<br>SU 1701 0.81<br>2328 3.28   | <b>20</b> | 0536 0.67<br>1141 3.24<br>MO 1741 0.41                |
| <b>6</b>  | 0529 1.10<br>1129 2.96<br>MO 1723 0.86<br>2359 3.26   | <b>21</b> | 0013 3.84<br>0630 0.85<br>TU 1226 2.94<br>1823 0.63   |
| <b>7</b>  | 0602 1.21<br>1156 2.80<br>TU 1746 0.93                | <b>22</b> | 0059 3.66<br>0729 1.04<br>WE 1316 2.65<br>1908 0.88   |
| <b>8</b>  | 0033 3.21<br>0642 1.32<br>WE 1228 2.63<br>1815 1.01   | <b>23</b> | 0151 3.44<br>0842 1.18<br>TH 1421 2.41<br>2003 1.14   |
| <b>9</b>  | 0113 3.15<br>0735 1.42<br>TH 1315 2.48<br>1902 1.12   | <b>24</b> | 0258 3.24<br>1001 1.22<br>FR 1555 2.32<br>2126 1.33   |
| <b>10</b> | 0206 3.09<br>0848 1.46<br>FR 1425 2.36<br>2015 1.24   | <b>25</b> | 0418 3.14<br>1114 1.14<br>SA 1720 2.41<br>2257 1.37   |
| <b>11</b> | 0320 3.08<br>1018 1.37<br>SA 1603 2.37<br>2152 1.25   | <b>26</b> | 0532 3.14<br>1219 1.00<br>SU 1831 2.61<br>●           |
| <b>12</b> | 0448 3.21<br>1139 1.14<br>SU 1732 2.57<br>● 2319 1.12 | <b>27</b> | 0012 1.29<br>0634 3.20<br>MO 1309 0.87<br>1923 2.83   |
| <b>13</b> | 0600 3.42<br>1242 0.87<br>MO 1841 2.85                | <b>28</b> | 0109 1.17<br>0723 3.25<br>TU 1349 0.77<br>2004 3.01   |
| <b>14</b> | 0027 0.91<br>0701 3.63<br>TU 1334 0.63<br>1939 3.14   | <b>29</b> | 0154 1.08<br>0802 3.26<br>WE 1422 0.71<br>2038 3.14   |
| <b>15</b> | 0125 0.72<br>0754 3.77<br>WE 1418 0.45<br>2029 3.40   | <b>30</b> | 0231 1.02<br>0835 3.24<br>TH 1451 0.68<br>2108 3.25   |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols



Bureau of Meteorology

National Tidal Centre

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| MAY       |           | JUNE      |           | JULY      |           | AUGUST    |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time      | m         | Time      | m         | Time      | m         | Time      | m         |           |           |           |           |
| <b>1</b>  | 0305 0.99 | <b>16</b> | 0302 0.67 | <b>1</b>  | 0353 1.00 | <b>16</b> | 0437 0.72 | <b>1</b>  | 0515 0.48 | <b>16</b> | 0541 0.78 |
| FR        | 0906 3.18 | SA        | 0908 3.40 | MO        | 0936 2.81 | TU        | 1028 2.84 | WE        | 1110 2.72 | TH        | 1132 2.61 |
|           | 1516 0.67 | SA        | 1515 0.21 |           | 1533 0.54 |           | 1621 0.32 |           | 1543 0.35 |           | 1642 0.45 |
|           | 2138 3.33 |           | 2146 3.88 |           | 2216 3.58 |           | 2258 3.90 |           | 2233 3.78 | ●         | 2318 3.69 |
| <b>2</b>  | 0336 0.98 | <b>17</b> | 0352 0.65 | <b>2</b>  | 0430 0.97 | <b>17</b> | 0521 0.75 | <b>2</b>  | 0454 0.78 | <b>17</b> | 0543 0.78 |
|           | 0935 3.10 |           | 0954 3.28 |           | 1011 2.76 |           | 1110 2.72 |           | 1036 2.74 |           | 1132 2.61 |
| SA        | 1540 0.66 | SU        | 1556 0.21 | TU        | 1602 0.51 | WE        | 1659 0.43 | TH        | 1623 0.31 | FR        | 1716 0.56 |
|           | 2206 3.40 |           | 2230 3.97 |           | 2251 3.65 | ●         | 2337 3.81 | ○         | 2313 3.86 |           | 2351 3.56 |
| <b>3</b>  | 0409 1.00 | <b>18</b> | 0441 0.67 | <b>3</b>  | 0508 0.95 | <b>18</b> | 0605 0.82 | <b>3</b>  | 0536 0.72 | <b>18</b> | 0617 0.85 |
|           | 1004 3.01 |           | 1039 3.11 |           | 1049 2.70 |           | 1152 2.61 |           | 1123 2.75 |           | 1207 2.55 |
| SU        | 1604 0.66 | MO        | 1637 0.28 | WE        | 1635 0.51 | TH        | 1737 0.58 | FR        | 1707 0.32 | SA        | 1749 0.70 |
|           | 2237 3.46 | ●         | 2312 3.97 | ○         | 2327 3.69 |           |           |           | 2355 3.86 |           |           |
| <b>4</b>  | 0443 1.03 | <b>19</b> | 0529 0.74 | <b>4</b>  | 0550 0.94 | <b>19</b> | 0015 3.65 | <b>4</b>  | 0621 0.68 | <b>19</b> | 0023 3.40 |
|           | 1035 2.90 |           | 1124 2.92 |           | 1132 2.65 |           | 0649 0.91 |           | 1212 2.74 |           | 0650 0.91 |
| MO        | 1629 0.67 | TU        | 1717 0.41 | TH        | 1715 0.54 | FR        | 1233 2.49 | SA        | 1304 2.72 | SU        | 1242 2.49 |
| ○         | 2308 3.49 |           | 2355 3.87 |           | 1814 0.76 |           | 1814 0.76 |           | 1755 0.41 |           | 1823 0.87 |
| <b>5</b>  | 0519 1.07 | <b>20</b> | 0620 0.85 | <b>5</b>  | 0007 3.68 | <b>20</b> | 0052 3.46 | <b>5</b>  | 0038 3.79 | <b>20</b> | 0054 3.21 |
|           | 1106 2.79 |           | 1209 2.71 |           | 0635 0.94 |           | 0734 0.99 |           | 0709 0.67 |           | 0725 0.98 |
| TU        | 1654 0.70 | WE        | 1758 0.61 | FR        | 1219 2.59 | SA        | 1316 2.39 | SU        | 1304 2.72 | MO        | 1321 2.43 |
|           | 2341 3.49 |           |           |           | 1800 0.62 |           | 1852 0.96 |           | 1845 0.56 |           | 1901 1.07 |
| <b>6</b>  | 0557 1.12 | <b>21</b> | 0038 3.70 | <b>6</b>  | 0050 3.62 | <b>21</b> | 0131 3.26 | <b>6</b>  | 0125 3.64 | <b>21</b> | 0129 3.01 |
|           | 1141 2.67 |           | 0713 0.98 |           | 0725 0.94 |           | 0823 1.06 |           | 0802 0.67 |           | 0806 1.05 |
| WE        | 1724 0.75 | TH        | 1256 2.52 | SA        | 1312 2.54 | SU        | 1406 2.32 | MO        | 1401 2.71 | TU        | 1406 2.37 |
|           |           |           | 1839 0.84 |           | 1852 0.75 |           | 1937 1.17 |           | 1942 0.75 |           | 1947 1.28 |
| <b>7</b>  | 0018 3.46 | <b>22</b> | 0122 3.48 | <b>7</b>  | 0139 3.53 | <b>22</b> | 0215 3.05 | <b>7</b>  | 0218 3.45 | <b>22</b> | 0209 2.79 |
|           | 0640 1.17 |           | 0813 1.08 |           | 0824 0.92 |           | 0919 1.09 |           | 0902 0.65 |           | 0855 1.10 |
| TH        | 1222 2.55 | FR        | 1351 2.36 | SU        | 1413 2.52 | MO        | 1511 2.29 | TU        | 1509 2.74 | WE        | 1507 2.34 |
|           | 1802 0.83 |           | 1925 1.07 |           | 1952 0.90 |           | 2036 1.36 |           | 2051 0.95 |           | 2049 1.47 |
| <b>8</b>  | 0100 3.40 | <b>23</b> | 0212 3.26 | <b>8</b>  | 0238 3.43 | <b>23</b> | 0310 2.87 | <b>8</b>  | 0322 3.24 | <b>23</b> | 0302 2.59 |
|           | 0733 1.21 |           | 0920 1.13 |           | 0931 0.84 |           | 1017 1.08 |           | 1008 0.61 |           | 0954 1.10 |
| FR        | 1314 2.45 | SA        | 1505 2.28 | MO        | 1528 2.58 | TU        | 1628 2.34 | WE        | 1627 2.85 | TH        | 1626 2.39 |
|           | 1853 0.95 |           | 2024 1.29 |           | 2106 1.03 |           | 2155 1.49 |           | 2216 1.08 |           | 2215 1.56 |
| <b>9</b>  | 0151 3.34 | <b>24</b> | 0315 3.08 | <b>9</b>  | 0347 3.34 | <b>24</b> | 0417 2.74 | <b>9</b>  | 0436 3.07 | <b>24</b> | 0415 2.45 |
|           | 0839 1.20 |           | 1024 1.11 |           | 1038 0.71 |           | 1112 1.02 |           | 1113 0.53 |           | 1056 1.04 |
| SA        | 1420 2.39 | SU        | 1625 2.31 | TU        | 1648 2.75 | WE        | 1740 2.49 | TH        | 1743 3.06 | FR        | 1742 2.57 |
|           | 2001 1.08 |           | 2149 1.43 |           | 2231 1.07 | ●         | 2320 1.50 | ●         | 2346 1.08 | ●         | 2346 1.50 |
| <b>10</b> | 0256 3.29 | <b>25</b> | 0427 2.98 | <b>10</b> | 0500 3.29 | <b>25</b> | 0522 2.69 | <b>10</b> | 0551 2.97 | <b>25</b> | 0527 2.43 |
|           | 0956 1.10 |           | 1124 1.04 |           | 1140 0.56 |           | 1202 0.92 |           | 1215 0.45 |           | 1152 0.92 |
| SU        | 1546 2.44 | MO        | 1739 2.46 | WE        | 1801 3.00 | TH        | 1840 2.71 | FR        | 1853 3.31 | SA        | 1843 2.82 |
|           | 2125 1.15 |           | 2313 1.44 | ●         | 2352 1.03 |           |           |           |           |           |           |
| <b>11</b> | 0415 3.31 | <b>26</b> | 0532 2.95 | <b>11</b> | 0607 3.26 | <b>26</b> | 0033 1.41 | <b>11</b> | 0108 0.97 | <b>26</b> | 0058 1.33 |
|           | 1108 0.90 |           | 1217 0.93 |           | 1237 0.42 |           | 0619 2.68 |           | 0702 2.91 |           | 0628 2.48 |
| MO        | 1710 2.65 | TU        | 1840 2.66 | TH        | 1906 3.28 | FR        | 1245 0.81 | SA        | 1314 0.37 | SU        | 1240 0.77 |
| ●         | 2253 1.10 | ●         |           |           |           |           | 1926 2.94 |           | 1953 3.55 |           | 1931 3.09 |
| <b>12</b> | 0528 3.41 | <b>27</b> | 0022 1.37 | <b>12</b> | 0106 0.94 | <b>27</b> | 0130 1.27 | <b>12</b> | 0213 0.84 | <b>27</b> | 0151 1.14 |
|           | 1210 0.68 |           | 0628 2.96 |           | 0711 3.21 |           | 0709 2.70 |           | 0802 2.87 |           | 0721 2.56 |
| TU        | 1821 2.93 | WE        | 1301 0.82 | FR        | 1330 0.32 | SA        | 1324 0.69 | SU        | 1406 0.32 | MO        | 1325 0.61 |
|           |           |           | 1926 2.87 |           | 2003 3.54 |           | 2006 3.16 |           | 2043 3.72 |           | 2014 3.34 |
| <b>13</b> | 0007 0.97 | <b>28</b> | 0117 1.26 | <b>13</b> | 0210 0.84 | <b>28</b> | 0216 1.14 | <b>13</b> | 0305 0.74 | <b>28</b> | 0234 0.96 |
|           | 0631 3.49 |           | 0714 2.97 |           | 0807 3.14 |           | 0751 2.71 |           | 0853 2.83 |           | 0807 2.64 |
| WE        | 1304 0.49 | TH        | 1337 0.73 | SA        | 1417 0.26 | SU        | 1359 0.59 | MO        | 1451 0.31 | TU        | 1406 0.47 |
|           | 1923 3.23 |           | 2004 3.07 |           | 2051 3.74 |           | 2043 3.36 |           | 2127 3.81 |           | 2054 3.56 |
| <b>14</b> | 0112 0.84 | <b>29</b> | 0201 1.16 | <b>14</b> | 0304 0.76 | <b>29</b> | 0257 1.03 | <b>14</b> | 0350 0.70 | <b>29</b> | 0315 0.81 |
|           | 0729 3.53 |           | 0754 2.96 |           | 0857 3.05 |           | 0832 2.71 |           | 0938 2.78 |           | 0851 2.72 |
| TH        | 1352 0.34 | FR        | 1408 0.66 | SU        | 1500 0.24 | MO        | 1434 0.51 | TU        | 1530 0.32 | WE        | 1444 0.33 |
|           | 2015 3.50 |           | 2039 3.23 |           | 2136 3.87 |           | 2119 3.53 |           | 2206 3.82 |           | 2133 3.74 |
| <b>15</b> | 0210 0.73 | <b>30</b> | 0240 1.08 | <b>15</b> | 0352 0.73 | <b>30</b> | 0336 0.93 | <b>15</b> | 0430 0.70 | <b>30</b> | 0354 0.69 |
|           | 0820 3.49 |           | 0829 2.92 |           | 0943 2.95 |           | 0912 2.71 |           | 1018 2.73 |           | 0936 2.80 |
| FR        | 1435 0.25 | SA        | 1437 0.61 | MO        | 1540 0.26 | TU        | 1507 0.43 | WE        | 1607 0.37 | TH        | 1525 0.22 |
|           | 2102 3.72 |           | 2111 3.37 |           | 2218 3.92 |           | 2155 3.67 |           | 2244 3.78 |           | 2213 3.89 |
| <b>31</b> | 0317 1.03 |           | 0902 2.87 |           |           |           |           |           |           | <b>31</b> | 0434 0.57 |
|           |           | SU        | 1505 0.57 |           |           |           |           |           |           | FR        | 1609 0.16 |
|           |           |           | 2143 3.48 |           |           |           |           |           |           | ○         | 2255 3.97 |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

● New Moon      ○ First Quarter      ○ Full Moon      ● Last Quarter

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

| SEPTEMBER |   | OCTOBER   |   | NOVEMBER  |   | DECEMBER  |   |           |   |           |   |           |   |           |   |
|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|
| Time      | m   | Time      | m   | Time      | m   | Time      | m   |           |   |           |   |           |   |           |   |
| <b>1</b>  | 0000 3.70<br>0616 0.29<br>TU 1231 3.25<br>1826 0.47   | <b>16</b> | 0553 0.82<br>1213 2.80<br>WE 1809 1.07                | <b>1</b>  | 0026 3.12<br>0632 0.39<br>TH 1302 3.42<br>1917 0.79   | <b>16</b> | 0534 0.83<br>1221 2.99<br>FR 1835 1.21                | <b>1</b>  | 0206 2.34<br>0750 0.91<br>SU 1440 3.24<br>2140 0.98   | <b>16</b> | 0052 2.26<br>0625 0.92<br>MO 1329 3.17<br>2015 1.18   | <b>1</b>  | 0251 2.27<br>0813 1.15<br>TU 1501 3.14<br>2206 0.98   | <b>16</b> | 0141 2.43<br>0716 0.92<br>WE 1406 3.38<br>2057 0.95   |
| <b>2</b>  | 0047 3.41<br>0703 0.41<br>WE 1323 3.18<br>1923 0.74   | <b>17</b> | 0014 2.71<br>0619 0.92<br>TH 1247 2.73<br>1847 1.24   | <b>2</b>  | 0118 2.78<br>0723 0.61<br>FR 1401 3.27<br>2033 0.98   | <b>17</b> | 0017 2.38<br>0600 0.92<br>SA 1259 2.93<br>1924 1.31   | <b>2</b>  | 0336 2.26<br>0909 1.10<br>MO 1557 3.13<br>2251 0.91   | <b>17</b> | 0154 2.20<br>0728 1.05<br>TU 1427 3.12<br>2130 1.10   | <b>2</b>  | 0409 2.31<br>0935 1.31<br>WE 1611 3.01<br>2307 0.92   | <b>17</b> | 0250 2.46<br>0825 1.06<br>TH 1508 3.29<br>2205 0.84   |
| <b>3</b>  | 0137 3.06<br>0756 0.56<br>TH 1425 3.09<br>2036 0.99   | <b>18</b> | 0043 2.51<br>0647 1.02<br>FR 1326 2.66<br>1936 1.39   | <b>3</b>  | 0224 2.47<br>0827 0.83<br>SA 1516 3.15<br>2203 1.03   | <b>18</b> | 0100 2.23<br>0640 1.04<br>SU 1347 2.86<br>2031 1.36   | <b>3</b>  | 0456 2.35<br>1037 1.15<br>TU 1710 3.11<br>☉ 2356 0.78 | <b>18</b> | 0314 2.24<br>0849 1.14<br>WE 1540 3.13<br>2242 0.91   | <b>3</b>  | 0520 2.45<br>1058 1.35<br>TH 1717 2.96<br>☉           | <b>18</b> | 0411 2.60<br>0948 1.15<br>FR 1621 3.23<br>2309 0.67   |
| <b>4</b>  | 0240 2.72<br>0903 0.71<br>FR 1543 3.05<br>2211 1.10   | <b>19</b> | 0121 2.31<br>0728 1.12<br>SA 1419 2.61<br>2049 1.48   | <b>4</b>  | 0359 2.33<br>0952 0.95<br>SU 1638 3.14<br>2324 0.93   | <b>19</b> | 0205 2.11<br>0749 1.15<br>MO 1454 2.84<br>2159 1.27   | <b>4</b>  | 0607 2.54<br>1151 1.09<br>WE 1814 3.15                | <b>19</b> | 0440 2.43<br>1018 1.11<br>TH 1655 3.22<br>☉ 2343 0.67 | <b>4</b>  | 0002 0.82<br>0624 2.66<br>FR 1208 1.30<br>1816 2.95   | <b>19</b> | 0527 2.85<br>1113 1.13<br>SA 1732 3.21<br>☉           |
| <b>5</b>  | 0411 2.51<br>1023 0.77<br>SA 1706 3.13<br>☉ 2342 1.01 | <b>20</b> | 0225 2.15<br>0838 1.20<br>SU 1536 2.63<br>2228 1.43   | <b>5</b>  | 0525 2.41<br>1115 0.93<br>MO 1752 3.23<br>☉           | <b>20</b> | 0337 2.12<br>0923 1.18<br>TU 1619 2.94<br>2317 1.05   | <b>5</b>  | 0050 0.64<br>0704 2.77<br>TH 1252 1.00<br>1906 3.18   | <b>20</b> | 0552 2.73<br>1135 0.98<br>FR 1800 3.33                | <b>5</b>  | 0048 0.71<br>0714 2.88<br>SA 1307 1.21<br>1904 2.95   | <b>20</b> | 0007 0.49<br>0636 3.16<br>SU 1231 1.03<br>1837 3.20   |
| <b>6</b>  | 0539 2.51<br>1140 0.73<br>SU 1821 3.30                | <b>21</b> | 0404 2.12<br>1009 1.16<br>MO 1704 2.80<br>☉ 2351 1.21 | <b>6</b>  | 0034 0.75<br>0637 2.60<br>TU 1226 0.83<br>1854 3.34   | <b>21</b> | 0508 2.32<br>1051 1.06<br>WE 1732 3.15<br>☉           | <b>6</b>  | 0132 0.55<br>0749 2.95<br>FR 1340 0.91<br>1948 3.18   | <b>21</b> | 0036 0.45<br>0653 3.05<br>SA 1242 0.83<br>1858 3.40   | <b>6</b>  | 0128 0.63<br>0755 3.07<br>SU 1354 1.12<br>1945 2.93   | <b>21</b> | 0102 0.35<br>0735 3.47<br>MO 1340 0.90<br>1937 3.17   |
| <b>7</b>  | 0058 0.81<br>0653 2.63<br>MO 1249 0.62<br>1923 3.47   | <b>22</b> | 0531 2.28<br>1126 0.98<br>TU 1812 3.08                | <b>7</b>  | 0128 0.58<br>0732 2.80<br>WE 1323 0.72<br>1944 3.41   | <b>22</b> | 0017 0.78<br>0615 2.61<br>TH 1201 0.85<br>1833 3.37   | <b>7</b>  | 0208 0.50<br>0825 3.09<br>SA 1420 0.87<br>2024 3.13   | <b>22</b> | 0125 0.27<br>0748 3.35<br>SU 1342 0.70<br>1951 3.40   | <b>7</b>  | 0201 0.57<br>0830 3.23<br>MO 1434 1.05<br>2021 2.89   | <b>22</b> | 0151 0.25<br>0826 3.72<br>TU 1439 0.79<br>2030 3.11   |
| <b>8</b>  | 0155 0.63<br>0751 2.78<br>TU 1344 0.52<br>2013 3.58   | <b>23</b> | 0051 0.93<br>0636 2.52<br>WE 1227 0.74<br>1908 3.37   | <b>8</b>  | 0210 0.49<br>0817 2.95<br>TH 1408 0.66<br>2024 3.41   | <b>23</b> | 0108 0.52<br>0712 2.91<br>FR 1259 0.65<br>1926 3.54   | <b>8</b>  | 0238 0.49<br>0858 3.18<br>SU 1455 0.85<br>2055 3.06   | <b>23</b> | 0208 0.16<br>0836 3.61<br>MO 1436 0.62<br>2041 3.34   | <b>8</b>  | 0229 0.54<br>0902 3.36<br>TU 1510 1.01<br>2054 2.83   | <b>23</b> | 0235 0.20<br>0913 3.91<br>WE 1528 0.72<br>2119 3.03   |
| <b>9</b>  | 0240 0.53<br>0837 2.87<br>WE 1429 0.48<br>2054 3.59   | <b>24</b> | 0139 0.67<br>0730 2.77<br>TH 1319 0.52<br>1956 3.60   | <b>9</b>  | 0245 0.48<br>0853 3.02<br>FR 1444 0.65<br>2059 3.35   | <b>24</b> | 0153 0.32<br>0803 3.19<br>SA 1351 0.49<br>2015 3.62   | <b>9</b>  | 0304 0.50<br>0928 3.25<br>MO 1528 0.87<br>2124 2.96   | <b>24</b> | 0250 0.09<br>0922 3.81<br>TU 1528 0.57<br>2128 3.23   | <b>9</b>  | 0257 0.53<br>0934 3.45<br>WE 1545 0.99<br>2126 2.76   | <b>24</b> | 0317 0.19<br>0957 4.01<br>TH 1616 0.69<br>2205 2.94   |
| <b>10</b> | 0317 0.53<br>0916 2.90<br>TH 1505 0.49<br>2128 3.54   | <b>25</b> | 0222 0.47<br>0819 2.99<br>FR 1406 0.35<br>2041 3.75   | <b>10</b> | 0314 0.51<br>0924 3.06<br>SA 1517 0.68<br>2128 3.26   | <b>25</b> | 0234 0.18<br>0850 3.42<br>SU 1441 0.40<br>2100 3.61   | <b>10</b> | 0328 0.52<br>0957 3.30<br>TU 1601 0.90<br>2153 2.85   | <b>25</b> | 0331 0.08<br>1006 3.94<br>WE 1618 0.57<br>2215 3.09   | <b>10</b> | 0323 0.52<br>1005 3.52<br>TH 1621 0.99<br>2158 2.69   | <b>25</b> | 0359 0.23<br>1039 4.04<br>FR 1701 0.71<br>☉ 2249 2.84 |
| <b>11</b> | 0347 0.57<br>0948 2.90<br>FR 1536 0.54<br>2159 3.45   | <b>26</b> | 0302 0.31<br>0905 3.19<br>SA 1453 0.23<br>2125 3.82   | <b>11</b> | 0340 0.54<br>0952 3.08<br>SU 1546 0.72<br>2157 3.15   | <b>26</b> | 0313 0.09<br>0935 3.62<br>MO 1531 0.36<br>2146 3.52   | <b>11</b> | 0352 0.55<br>1026 3.33<br>WE 1634 0.95<br>2222 2.73   | <b>26</b> | 0413 0.12<br>1051 3.98<br>TH 1708 0.62<br>☉ 2302 2.91 | <b>11</b> | 0350 0.52<br>1038 3.57<br>FR 1656 0.99<br>☉ 2232 2.63 | <b>26</b> | 0440 0.32<br>1120 3.98<br>SA 1745 0.76<br>2334 2.73   |
| <b>12</b> | 0415 0.62<br>1016 2.89<br>SA 1605 0.60<br>2228 3.35   | <b>27</b> | 0340 0.19<br>0950 3.37<br>SU 1540 0.18<br>2209 3.79   | <b>12</b> | 0403 0.58<br>1020 3.10<br>MO 1616 0.78<br>2223 3.02   | <b>27</b> | 0352 0.05<br>1021 3.76<br>TU 1622 0.39<br>☉ 2232 3.36 | <b>12</b> | 0416 0.59<br>1056 3.34<br>TH 1709 1.01<br>☉ 2252 2.61 | <b>27</b> | 0456 0.24<br>1136 3.92<br>FR 1800 0.71<br>2351 2.71   | <b>12</b> | 0419 0.53<br>1112 3.60<br>SA 1734 1.00<br>2311 2.57   | <b>27</b> | 0520 0.46<br>1200 3.84<br>SU 1830 0.85                |
| <b>13</b> | 0439 0.66<br>1044 2.88<br>SU 1634 0.67<br>☉ 2254 3.23 | <b>28</b> | 0421 0.12<br>1037 3.50<br>MO 1630 0.22<br>☉ 2254 3.67 | <b>13</b> | 0426 0.62<br>1048 3.11<br>TU 1647 0.87<br>☉ 2250 2.88 | <b>28</b> | 0435 0.08<br>1106 3.82<br>WE 1714 0.48<br>2319 3.13   | <b>13</b> | 0439 0.64<br>1129 3.33<br>FR 1746 1.07<br>2324 2.48   | <b>28</b> | 0541 0.43<br>1221 3.78<br>SA 1854 0.82                | <b>13</b> | 0453 0.57<br>1149 3.59<br>SU 1815 1.01<br>2355 2.51   | <b>28</b> | 0017 2.61<br>0600 0.66<br>MO 1240 3.64<br>1916 0.95   |
| <b>14</b> | 0503 0.70<br>1113 2.87<br>MO 1704 0.77<br>2321 3.09   | <b>29</b> | 0502 0.13<br>1123 3.56<br>TU 1722 0.34<br>2339 3.44   | <b>14</b> | 0449 0.67<br>1117 3.09<br>WE 1720 0.97<br>2317 2.72   | <b>29</b> | 0518 0.20<br>1153 3.77<br>TH 1809 0.64                | <b>14</b> | 0506 0.71<br>1203 3.29<br>SA 1827 1.14                | <b>29</b> | 0040 2.52<br>0625 0.66<br>SU 1308 3.57<br>1956 0.93   | <b>14</b> | 0533 0.65<br>1229 3.55<br>MO 1902 1.01                | <b>29</b> | 0102 2.50<br>0640 0.88<br>TU 1319 3.42<br>2006 1.04   |
| <b>15</b> | 0528 0.75<br>1142 2.85<br>TU 1736 0.91<br>2348 2.91   | <b>30</b> | 0546 0.22<br>1212 3.53<br>WE 1817 0.55                | <b>15</b> | 0513 0.74<br>1148 3.05<br>TH 1755 1.09<br>2346 2.55   | <b>30</b> | 0007 2.85<br>0604 0.40<br>FR 1241 3.63<br>1909 0.81   | <b>15</b> | 0004 2.37<br>0539 0.80<br>SU 1242 3.23<br>1916 1.18   | <b>30</b> | 0137 2.35<br>0713 0.91<br>MO 1359 3.34<br>2102 0.99   | <b>15</b> | 0044 2.46<br>0620 0.77<br>TU 1313 3.48<br>1954 1.01   | <b>30</b> | 0151 2.40<br>0723 1.12<br>WE 1402 3.19<br>2102 1.10   |
|           |   |           |   | <b>31</b> | 0059 2.57<br>0652 0.65<br>SA 1335 3.44<br>2022 0.95   |           |   |           |   | <b>31</b> | 0254 2.35<br>0819 1.35<br>TH 1455 2.97<br>2202 1.11   |           |   |           |   |

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

☉ New Moon    ☽ First Quarter    ☽ Full Moon    ☾ Last Quarter

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