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# AUSTRALIA, GULF OF CARPENTARIA – KARUMBA

LAT 17° 30' S LONG 140° 50' E  
Times and Heights of High and Low Waters

# 2014

Time Zone -1000

## JANUARY

| Time      | m                      | Time      | m                      |
|-----------|------------------------|-----------|------------------------|
| <b>1</b>  | 0900 0.98<br>1939 4.43 | <b>16</b> | 0919 1.19<br>2010 4.26 |
| WE<br>●   |                        | TH<br>○   |                        |
| <b>2</b>  | 0933 0.87<br>2026 4.58 | <b>17</b> | 0950 1.21<br>2042 4.21 |
| TH        |                        | FR        |                        |
| <b>3</b>  | 1008 0.81<br>2113 4.60 | <b>18</b> | 1019 1.26<br>2109 4.12 |
| FR        |                        | SA        |                        |
| <b>4</b>  | 1043 0.83<br>2156 4.47 | <b>19</b> | 1036 1.35<br>2128 3.98 |
| SA        |                        | SU        |                        |
| <b>5</b>  | 1116 0.96<br>2231 4.23 | <b>20</b> | 1043 1.50<br>2146 3.81 |
| SU        |                        | MO        |                        |
| <b>6</b>  | 1143 1.22<br>2254 3.90 | <b>21</b> | 1046 1.68<br>2204 3.62 |
| MO        |                        | TU        |                        |
| <b>7</b>  | 1143 1.58<br>2301 3.54 | <b>22</b> | 0947 1.88<br>2211 3.41 |
| TU        |                        | WE        |                        |
| <b>8</b>  | 0912 1.89<br>2252 3.24 | <b>23</b> | 0711 1.95<br>2149 3.22 |
| WE<br>●   |                        | TH        |                        |
| <b>9</b>  | 0728 1.71<br>2131 3.09 | <b>24</b> | 0655 1.82<br>2120 3.09 |
| TH        |                        | FR<br>●   |                        |
| <b>10</b> | 0732 1.43<br>2015 3.19 | <b>25</b> | 0652 1.70<br>1638 3.11 |
| FR        |                        | SA        |                        |
| <b>11</b> | 0754 1.23<br>1716 3.52 | <b>26</b> | 0650 1.57<br>1620 3.44 |
| SA        |                        | SU        |                        |
| <b>12</b> | 0817 1.13<br>1746 3.83 | <b>27</b> | 0702 1.42<br>1649 3.78 |
| SU        |                        | MO        |                        |
| <b>13</b> | 0836 1.12<br>1822 4.05 | <b>28</b> | 0728 1.26<br>1734 4.09 |
| MO        |                        | TU        |                        |
| <b>14</b> | 0842 1.16<br>1859 4.19 | <b>29</b> | 0806 1.13<br>1826 4.33 |
| TU        |                        | WE        |                        |
| <b>15</b> | 0853 1.18<br>1935 4.26 | <b>30</b> | 0848 1.03<br>1923 4.47 |
| WE        |                        | TH        |                        |
|           |                        | <b>31</b> | 0928 0.99<br>2018 4.48 |
|           |                        | FR<br>●   |                        |

## FEBRUARY

| Time      | m  | Time      | m  |
|-----------|--|-----------|--|
| <b>1</b>  | 1005 1.05<br>2107 4.34                           | <b>16</b> | 1002 1.62<br>2024 3.73                           |
| SA        |  | SU        |  |
| <b>2</b>  | 1035 1.21<br>2148 4.07                           | <b>17</b> | 0959 1.80<br>2045 3.54                           |
| SU        |  | MO        |  |
| <b>3</b>  | 1057 1.49<br>2214 3.72                           | <b>18</b> | 0945 2.00<br>2105 3.32                           |
| MO        |  | TU        |  |
| <b>4</b>  | 1100 1.85<br>2216 3.35                           | <b>19</b> | 0758 2.18<br>2119 3.09                           |
| TU        |  | WE        |  |
| <b>5</b>  | 0752 2.19<br>2206 3.05                           | <b>20</b> | 0526 2.14<br>1432 2.66<br>1621 2.61<br>2040 2.88 |
| WE        |  | TH        |  |
| <b>6</b>  | 0556 1.96<br>1434 2.80<br>1639 2.75<br>2008 2.87 | <b>21</b> | 0526 2.03<br>1432 2.87<br>1735 2.72<br>1949 2.77 |
| TH        |  | FR        |  |
| <b>7</b>  | 0613 1.68<br>1450 3.19                           | <b>22</b> | 0527 1.91<br>1313 3.16                           |
| FR<br>●   |  | SA        |  |
| <b>8</b>  | 0638 1.48<br>1520 3.51                           | <b>23</b> | 0517 1.76<br>1349 3.46                           |
| SA        |  | SU<br>●   |  |
| <b>9</b>  | 0702 1.36<br>1557 3.75                           | <b>24</b> | 0510 1.58<br>1437 3.72                           |
| SU        |  | MO        |  |
| <b>10</b> | 0721 1.31<br>1639 3.92                           | <b>25</b> | 0543 1.40<br>1536 3.92                           |
| MO        |  | TU        |  |
| <b>11</b> | 0734 1.30<br>1725 4.02                           | <b>26</b> | 0635 1.26<br>1642 4.06                           |
| TU        |  | WE        |  |
| <b>12</b> | 0753 1.31<br>1811 4.07                           | <b>27</b> | 0732 1.16<br>1748 4.12                           |
| WE        |  | TH        |  |
| <b>13</b> | 0824 1.33<br>1853 4.06                           | <b>28</b> | 0825 1.16<br>1855 4.07                           |
| TH        |  | FR        |  |
| <b>14</b> | 0900 1.38<br>1931 4.00                           | <b>15</b> | 0935 1.47<br>2002 3.89                           |
| FR        |  | SA<br>○   |  |

## MARCH

| Time      | m  | Time      | m  |
|-----------|--|-----------|--|
| <b>1</b>  | 0912 1.26<br>1958 3.90                           | <b>16</b> | 0912 1.80<br>1843 3.29                           |
| SA<br>●   |  | SU        |  |
| <b>2</b>  | 0952 1.47<br>2048 3.62                           | <b>17</b> | 0936 2.05<br>1913 3.08                           |
| SU        |  | MO<br>○   |  |
| <b>3</b>  | 1023 1.77<br>2121 3.26                           | <b>18</b> | 0416 2.18<br>1939 2.85                           |
| MO        |  | TU        |  |
| <b>4</b>  | 1046 2.14<br>2109 2.90                           | <b>19</b> | 0337 2.14<br>1207 2.57<br>1519 2.39<br>1951 2.60 |
| TU        |  | WE        |  |
| <b>5</b>  | 0407 2.31<br>1139 2.54<br>1531 2.41<br>2057 2.63 | <b>20</b> | 0334 2.09<br>1142 2.78<br>1639 2.41<br>1814 2.43 |
| WE        |  | TH        |  |
| <b>6</b>  | 0415 2.07<br>1200 2.92                           | <b>21</b> | 0332 2.02<br>1109 3.02                           |
| TH        |  | FR        |  |
| <b>7</b>  | 0442 1.84<br>1236 3.24                           | <b>22</b> | 0104 1.82<br>1134 3.29                           |
| FR        |  | SA        |  |
| <b>8</b>  | 0510 1.67<br>1315 3.50                           | <b>23</b> | 0135 1.61<br>1211 3.53                           |
| SA<br>●   |  | SU        |  |
| <b>9</b>  | 0523 1.56<br>1354 3.67                           | <b>24</b> | 0213 1.43<br>1255 3.72                           |
| SU        |  | MO<br>●   |  |
| <b>10</b> | 0517 1.46<br>1436 3.77                           | <b>25</b> | 0303 1.28<br>1347 3.83                           |
| MO        |  | TU        |  |
| <b>11</b> | 0541 1.40<br>1519 3.80                           | <b>26</b> | 0413 1.18<br>1443 3.84                           |
| TU        |  | WE        |  |
| <b>12</b> | 0620 1.37<br>1605 3.78                           | <b>27</b> | 0536 1.14<br>1543 3.75                           |
| WE        |  | TH        |  |
| <b>13</b> | 0704 1.39<br>1651 3.71                           | <b>28</b> | 0647 1.18<br>1643 3.58                           |
| TH        |  | FR        |  |
| <b>14</b> | 0749 1.46<br>1734 3.61                           | <b>29</b> | 0751 1.35<br>1741 3.33                           |
| FR        |  | SA        |  |
| <b>15</b> | 0833 1.60<br>1811 3.47                           | <b>30</b> | 0850 1.62<br>1828 3.02                           |
| SA        |  | SU        |  |
|           |  | <b>31</b> | 0958 1.96<br>1852 2.69                           |
|           |  | MO<br>●   |  |

## APRIL

| Time      | m  | Time      | m  |
|-----------|--|-----------|--|
| <b>1</b>  | 0144 2.20<br>0647 2.38<br>1342 2.22<br>1905 2.39 | <b>16</b> | 0055 1.79<br>0925 2.67<br>2319 1.74              |
| TU        |  | WE        |  |
| <b>2</b>  | 0157 2.05<br>0933 2.69                           | <b>17</b> | 0942 2.90<br>2313 1.57                           |
| WE        |  | TH        |  |
| <b>3</b>  | 0215 1.89<br>1019 3.01                           | <b>18</b> | 0959 3.13<br>2332 1.39                           |
| TH        |  | FR        |  |
| <b>4</b>  | 0019 1.71<br>1059 3.27                           | <b>19</b> | 1026 3.34  |
| FR        |  | SA        |  |
| <b>5</b>  | 0052 1.55<br>1139 3.47                           | <b>20</b> | 0002 1.21<br>1103 3.54                           |
| SA        |  | SU        |  |
| <b>6</b>  | 0130 1.44<br>1217 3.59                           | <b>21</b> | 0042 1.05<br>1145 3.68                           |
| SU        |  | MO        |  |
| <b>7</b>  | 0209 1.35<br>1254 3.64                           | <b>22</b> | 0132 0.94<br>1231 3.72                           |
| MO<br>●   |  | TU<br>●   |  |
| <b>8</b>  | 0255 1.30<br>1328 3.63                           | <b>23</b> | 0232 0.89<br>1318 3.66                           |
| TU        |  | WE        |  |
| <b>9</b>  | 0404 1.27<br>1401 3.57                           | <b>24</b> | 0340 0.92<br>1405 3.49                           |
| WE        |  | TH        |  |
| <b>10</b> | 0520 1.29<br>1435 3.46                           | <b>25</b> | 0501 1.05<br>1449 3.23                           |
| TH        |  | FR        |  |
| <b>11</b> | 0619 1.38<br>1512 3.30                           | <b>26</b> | 0615 1.28<br>1531 2.92                           |
| FR        |  | SA        |  |
| <b>12</b> | 0711 1.56<br>1551 3.11                           | <b>27</b> | 0726 1.61<br>1608 2.59<br>2332 1.77              |
| SA        |  | SU        |  |
| <b>13</b> | 0800 1.81<br>1628 2.88                           | <b>28</b> | 0513 2.07<br>0915 1.99<br>1634 2.28<br>2349 1.63 |
| SU        |  | MO        |  |
| <b>14</b> | 0125 1.89<br>1701 2.65                           | <b>29</b> | 0720 2.43  |
| MO        |  | TU<br>●   |  |
| <b>15</b> | 0059 1.84<br>0848 2.40<br>1306 2.28<br>1720 2.40 | <b>30</b> | 0002 1.52<br>0826 2.76<br>2308 1.41              |
| TU<br>○   |  | WE        |  |

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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, GULF OF CARPENTARIA – KARUMBA

LAT 17° 30' S LONG 140° 50' E  
Times and Heights of High and Low Waters

# 2014

Time Zone -1000

| MAY       |  | JUNE      |  | JULY      |  | AUGUST    |  |           |  |           |  |
|-----------|--|-----------|--|-----------|--|-----------|--|-----------|--|-----------|--|
| Time      | m  | Time      | m  | Time      | m  | Time      | m  |           |  |           |  |
| <b>1</b>  | 0909 3.01<br>2303 1.28                           | <b>16</b> | 0853 3.12<br>2235 0.99                           | <b>1</b>  | 1003 3.26<br>2344 0.83                           | <b>16</b> | 1003 3.51<br>2339 0.43                           | <b>1</b>  | 1037 2.55<br>2118 1.38                           | <b>16</b> | 0411 1.46<br>1101 2.10<br>1720 1.40              |
| TH        |  | FR        |  | SU        |  | MO        |  | FR        |  | SA        |  |
| <b>2</b>  | 0947 3.21<br>2332 1.18                           | <b>17</b> | 0929 3.32<br>2301 0.84                           | <b>2</b>  | 1041 3.27  | <b>17</b> | 1048 3.49  | <b>2</b>  | 1054 3.00  | <b>17</b> | 0012 0.66<br>1118 2.98                           |
| FR        |  | SA        |  | MO        |  | TU        |  | WE        |  | TH        |  |
| <b>3</b>  | 1025 3.34  | <b>18</b> | 1009 3.48<br>2339 0.70                           | <b>3</b>  | 0016 0.81<br>1116 3.23                           | <b>18</b> | 0024 0.45<br>1129 3.36                           | <b>3</b>  | 0015 0.85<br>1115 2.86                           | <b>18</b> | 0051 0.96<br>1141 2.63                           |
| SA        |  | SU        |  | TU        |  | WE        |  | TH        |  | FR        |  |
| <b>4</b>  | 0007 1.11<br>1103 3.43                           | <b>19</b> | 1052 3.58  | <b>4</b>  | 0046 0.82<br>1143 3.15                           | <b>19</b> | 0111 0.59<br>1204 3.11                           | <b>4</b>  | 0039 1.01<br>1133 2.69<br>2236 1.21              | <b>19</b> | 0430 1.32<br>1151 2.27<br>1859 1.26              |
| SU        |  | MO        |  | WE        |  | TH        |  | FR        |  | SA        |  |
| <b>5</b>  | 0040 1.07<br>1140 3.46                           | <b>20</b> | 0028 0.62<br>1136 3.59                           | <b>5</b>  | 0121 0.88<br>1205 3.03                           | <b>20</b> | 0158 0.85<br>1229 2.78                           | <b>5</b>  | 1152 2.48<br>2032 1.27                           | <b>20</b> | 0225 1.79<br>0545 1.63<br>1137 1.99<br>1909 0.98 |
| MO        |  | TU        |  | TH        |  | FR        |  | SA        |  | SU        |  |
| <b>6</b>  | 0116 1.03<br>1212 3.44                           | <b>21</b> | 0121 0.61<br>1218 3.49                           | <b>6</b>  | 0159 1.03<br>1228 2.87<br>2340 1.24              | <b>21</b> | 0251 1.21<br>1243 2.43<br>2035 1.26              | <b>6</b>  | 1200 2.27<br>2004 1.14                           | <b>21</b> | 0307 2.21<br>1936 0.74                           |
| TU        |  | WE        |  | FR        |  | SA        |  | SU        |  | MO        |  |
| <b>7</b>  | 0156 1.02<br>1239 3.36                           | <b>22</b> | 0218 0.69<br>1256 3.28                           | <b>7</b>  | 1250 2.66<br>2157 1.29                           | <b>22</b> | 1231 2.15<br>2036 1.01                           | <b>7</b>  | 0354 1.86<br>0642 1.80<br>1125 2.08<br>2004 1.02 | <b>22</b> | 0352 2.56<br>2008 0.60                           |
| WE        |  | TH        |  | SA        |  | SU        |  | MO        |  | TU        |  |
| <b>8</b>  | 0244 1.08<br>1305 3.25                           | <b>23</b> | 0321 0.89<br>1328 2.98                           | <b>8</b>  | 1258 2.43<br>2128 1.19                           | <b>23</b> | 0419 2.06<br>0737 1.93<br>1054 2.02<br>2058 0.79 | <b>8</b>  | 0409 2.18<br>1958 0.91                           | <b>23</b> | 0440 2.82<br>2040 0.57                           |
| TH        |  | FR        |  | SU        |  | MO        |  | TU        |  | WE        |  |
| <b>9</b>  | 0340 1.20<br>1334 3.08                           | <b>24</b> | 0450 1.19<br>1352 2.64<br>2202 1.47              | <b>9</b>  | 0505 1.89<br>0657 1.86<br>1236 2.23<br>2125 1.09 | <b>24</b> | 0511 2.45<br>2125 0.67                           | <b>9</b>  | 0447 2.48<br>2011 0.81                           | <b>24</b> | 0531 3.00<br>2107 0.62                           |
| FR        |  | SA        |  | MO        |  | TU        |  | WE        |  | TH        |  |
| <b>10</b> | 0530 1.41<br>1403 2.87<br>2336 1.52              | <b>25</b> | 0252 1.63<br>0619 1.56<br>1357 2.33<br>2201 1.28 | <b>10</b> | 0538 2.21<br>2111 0.99                           | <b>25</b> | 0603 2.76<br>2150 0.65                           | <b>10</b> | 0530 2.77<br>2038 0.71                           | <b>25</b> | 0623 3.10<br>2125 0.69                           |
| SA        |  | SU        |  | TU        |  | WE        |  | TH        |  | FR        |  |
| <b>11</b> | 0515 1.69<br>0633 1.69<br>1424 2.63<br>2256 1.46 | <b>26</b> | 0511 2.02<br>0816 1.95<br>1230 2.12<br>2220 1.10 | <b>11</b> | 0617 2.53<br>2117 0.90                           | <b>26</b> | 0654 2.98<br>2204 0.69                           | <b>11</b> | 0619 3.03<br>2110 0.62                           | <b>26</b> | 0713 3.14<br>2140 0.74                           |
| SU        |  | MO        |  | WE        |  | TH        |  | FR        |  | SA        |  |
| <b>12</b> | 1422 2.39<br>2254 1.39                           | <b>27</b> | 0621 2.42<br>2238 0.99                           | <b>12</b> | 0657 2.82<br>2135 0.82                           | <b>27</b> | 0741 3.10<br>2209 0.73                           | <b>12</b> | 0713 3.25<br>2145 0.52                           | <b>27</b> | 0801 3.14<br>2205 0.76                           |
| MO        |  | TU        |  | TH        |  | FR        |  | SA        |  | SU        |  |
| <b>13</b> | 0711 2.32<br>1146 2.19<br>1324 2.20<br>2235 1.32 | <b>28</b> | 0718 2.75<br>2240 0.95                           | <b>13</b> | 0740 3.07<br>2157 0.72                           | <b>28</b> | 0824 3.16<br>2227 0.73                           | <b>13</b> | 0811 3.41<br>2221 0.44                           | <b>28</b> | 0843 3.11<br>2235 0.80                           |
| TU        |  | WE        |  | FR        |  | SA        |  | SU        |  | MO        |  |
| <b>14</b> | 0749 2.62<br>2216 1.24                           | <b>29</b> | 0804 2.99<br>2230 0.93                           | <b>14</b> | 0827 3.28<br>2225 0.61                           | <b>29</b> | 0906 3.17<br>2255 0.72                           | <b>14</b> | 0907 3.48<br>2257 0.41                           | <b>29</b> | 0922 3.03<br>2304 0.87                           |
| WE        |  | TH        |  | SA        |  | SU        |  | MO        |  | TU        |  |
| <b>15</b> | 0821 2.89<br>2220 1.13                           | <b>30</b> | 0845 3.13<br>2243 0.89                           | <b>15</b> | 0915 3.43<br>2259 0.50                           | <b>30</b> | 0945 3.16<br>2326 0.72                           | <b>15</b> | 0957 3.43<br>2334 0.47                           | <b>30</b> | 0956 2.91<br>2324 1.00                           |
| TH        |  | FR        |  | SU        |  | MO        |  | TU        |  | WE        |  |
|           |  | <b>31</b> | 0924 3.21<br>2312 0.85                           |           |  |           |  | <b>31</b> | 1020 2.74<br>2325 1.18                           |           |  |
|           |  | SA        |  |           |  |           |  | TH        |  |           |  |
|           |  |           |  |           |  |           |  |           |  | <b>31</b> | 0501 1.72<br>1002 1.95<br>1703 1.47<br>2354 2.28 |
|           |  |           |  |           |  |           |  |           |  | SU        |  |

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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  
\* Denotes extra Tides

# AUSTRALIA, GULF OF CARPENTARIA – KARUMBA

LAT 17° 30' S LONG 140° 50' E  
Times and Heights of High and Low Waters

# 2014

Time Zone -1000

## SEPTEMBER

| Time      | m  | Time      | m  |
|-----------|--|-----------|--|
| <b>1</b>  | 1704 1.37  | <b>16</b> | 0032 3.02<br>1649 1.08                           |
| MO        |  | TU        | ☾  |
| <b>2</b>  | 0026 2.54<br>1649 1.25                           | <b>17</b> | 0117 3.16<br>1649 1.01                           |
| TU        | ☾  | WE        |  |
| <b>3</b>  | 0106 2.77<br>1621 1.10                           | <b>18</b> | 0201 3.21<br>1715 0.99                           |
| WE        |  | TH        |  |
| <b>4</b>  | 0152 2.97<br>1701 0.97                           | <b>19</b> | 0245 3.20<br>1752 1.01                           |
| TH        |  | FR        |  |
| <b>5</b>  | 0246 3.13<br>1757 0.85                           | <b>20</b> | 0331 3.14<br>1834 1.07                           |
| FR        |  | SA        |  |
| <b>6</b>  | 0350 3.23<br>1901 0.78                           | <b>21</b> | 0418 3.05<br>1923 1.18                           |
| SA        |  | SU        |  |
| <b>7</b>  | 0458 3.27<br>2003 0.76                           | <b>22</b> | 0505 2.92<br>2014 1.33                           |
| SU        |  | MO        |  |
| <b>8</b>  | 0612 3.23<br>2100 0.83                           | <b>23</b> | 0548 2.77<br>1702 1.55<br>1841 1.56<br>2109 1.53 |
| MO        |  | TU        | ☾  |
| <b>9</b>  | 0728 3.10<br>2154 1.01                           | <b>24</b> | 0625 2.59<br>1612 1.70<br>2007 1.80<br>2218 1.76 |
| TU        | ☉  | WE        | ☀  |
| <b>10</b> | 0837 2.88<br>2259 1.28                           | <b>25</b> | 0659 2.39<br>1505 1.74<br>2109 2.05              |
| WE        |  | TH        |  |
| <b>11</b> | 0933 2.56  | <b>26</b> | 0224 1.83<br>0729 2.18<br>1458 1.72<br>2150 2.30 |
| TH        |  | FR        |  |
| <b>12</b> | 0218 1.51<br>1011 2.20<br>1528 1.80<br>2036 2.10 | <b>27</b> | 0346 1.83<br>0752 1.96<br>1455 1.68<br>2209 2.52 |
| FR        |  | SA        |  |
| <b>13</b> | 0436 1.64<br>0953 1.87<br>1541 1.58<br>2251 2.46 | <b>28</b> | 1207 1.57<br>2228 2.74                           |
| SA        |  | SU        |  |
| <b>14</b> | 0754 1.64<br>0915 1.66<br>1608 1.36<br>2345 2.78 | <b>29</b> | 1231 1.40<br>2257 2.95                           |
| SU        |  | MO        |  |
| <b>15</b> | 1635 1.19  | <b>30</b> | 1303 1.25<br>2333 3.14                           |
| MO        |  | TU        |  |

## OCTOBER

| Time      | m  | Time      | m  |
|-----------|--|-----------|--|
| <b>1</b>  | 1339 1.12  | <b>16</b> | 0021 3.48<br>1359 1.12                           |
| WE        |  | TH        | ☾  |
| <b>2</b>  | 0014 3.30<br>1420 1.01                           | <b>17</b> | 0054 3.43<br>1428 1.15                           |
| TH        | ☾  | FR        |  |
| <b>3</b>  | 0102 3.38<br>1509 0.94                           | <b>18</b> | 0122 3.34<br>1457 1.22                           |
| FR        |  | SA        |  |
| <b>4</b>  | 0156 3.39<br>1613 0.93                           | <b>19</b> | 0151 3.21<br>1512 1.35                           |
| SA        |  | SU        |  |
| <b>5</b>  | 0253 3.31<br>1736 1.00                           | <b>20</b> | 0223 3.04<br>1442 1.53                           |
| SU        |  | MO        |  |
| <b>6</b>  | 0352 3.14<br>1855 1.17                           | <b>21</b> | 0255 2.83<br>1325 1.67                           |
| MO        |  | TU        |  |
| <b>7</b>  | 0451 2.90<br>2023 1.44                           | <b>22</b> | 0324 2.59<br>1203 1.68<br>2002 2.24<br>2308 2.23 |
| TU        |  | WE        |  |
| <b>8</b>  | 0546 2.59<br>2230 1.76                           | <b>23</b> | 0332 2.36<br>1151 1.63<br>2020 2.56              |
| WE        | ☉  | TH        |  |
| <b>9</b>  | 0628 2.25<br>1301 1.89<br>1859 2.25              | <b>24</b> | 1046 1.56<br>2045 2.84                           |
| TH        |  | FR        | ☀  |
| <b>10</b> | 0352 1.82<br>0649 1.93<br>1311 1.77<br>2039 2.61 | <b>25</b> | 1035 1.46<br>2105 3.08                           |
| FR        |  | SA        |  |
| <b>11</b> | 1044 1.57<br>2133 2.93                           | <b>26</b> | 1044 1.34<br>2124 3.28                           |
| SA        |  | SU        |  |
| <b>12</b> | 1120 1.35<br>2218 3.20                           | <b>27</b> | 1101 1.22<br>2149 3.46                           |
| SU        |  | MO        |  |
| <b>13</b> | 1206 1.21<br>2301 3.38                           | <b>28</b> | 1126 1.10<br>2220 3.61                           |
| MO        |  | TU        |  |
| <b>14</b> | 1250 1.15<br>2343 3.47                           | <b>29</b> | 1156 1.00<br>2257 3.72                           |
| TU        |  | WE        |  |
| <b>15</b> | 1328 1.12  | <b>30</b> | 1236 0.93<br>2339 3.76                           |
| WE        |  | TH        |  |
|           |  | <b>31</b> | 1328 0.92  |
|           |  | FR        | ☾  |

## NOVEMBER

| Time      | m                                   | Time      | m                                   |
|-----------|-------------------------------------|-----------|-------------------------------------|
| <b>1</b>  | 0024 3.70<br>1423 0.98              | <b>16</b> | 0010 3.52<br>1259 1.39              |
| SA        |                                     | SU        |                                     |
| <b>2</b>  | 0110 3.53<br>1518 1.14              | <b>17</b> | 0034 3.34<br>1143 1.54              |
| SU        |                                     | MO        |                                     |
| <b>3</b>  | 0153 3.27<br>1611 1.42              | <b>18</b> | 0050 3.13<br>1023 1.58              |
| MO        |                                     | TU        |                                     |
| <b>4</b>  | 0232 2.95<br>1100 1.79              | <b>19</b> | 0042 2.91<br>1004 1.51              |
| TU        |                                     | WE        |                                     |
| <b>5</b>  | 0300 2.59<br>1048 1.72              | <b>20</b> | 0017 2.75<br>0946 1.42<br>1942 2.95 |
| WE        |                                     | TH        |                                     |
| <b>6</b>  | 0033 2.35<br>1056 1.60<br>1920 2.73 | <b>21</b> | 0926 1.30<br>1949 3.28              |
| TH        |                                     | FR        |                                     |
| <b>7</b>  | 1033 1.47<br>2001 3.13              | <b>22</b> | 0936 1.20<br>2007 3.55              |
| FR        | ☉                                   | SA        | ☀                                   |
| <b>8</b>  | 1002 1.30<br>2039 3.43              | <b>23</b> | 0952 1.13<br>2029 3.77              |
| SA        |                                     | SU        |                                     |
| <b>9</b>  | 1018 1.16<br>2114 3.64              | <b>24</b> | 1008 1.06<br>2056 3.95              |
| SU        |                                     | MO        |                                     |
| <b>10</b> | 1050 1.09<br>2150 3.76              | <b>25</b> | 1027 0.98<br>2127 4.07              |
| MO        |                                     | TU        |                                     |
| <b>11</b> | 1124 1.07<br>2226 3.81              | <b>26</b> | 1050 0.90<br>2203 4.14              |
| TU        |                                     | WE        |                                     |
| <b>12</b> | 1151 1.08<br>2300 3.80              | <b>27</b> | 1122 0.85<br>2240 4.14              |
| WE        |                                     | TH        |                                     |
| <b>13</b> | 1158 1.10<br>2327 3.74              | <b>28</b> | 1204 0.87<br>2318 4.04              |
| TH        |                                     | FR        |                                     |
| <b>14</b> | 1220 1.14<br>2348 3.65              | <b>29</b> | 1251 0.99<br>2353 3.83              |
| FR        |                                     | SA        | ☀                                   |
| <b>15</b> | 1250 1.23                           | <b>30</b> | 1335 1.22                           |
| SA        | ☾                                   | SU        |                                     |

## DECEMBER

| Time      | m                                   | Time      | m                      |
|-----------|-------------------------------------|-----------|------------------------|
| <b>1</b>  | 0019 3.53<br>1309 1.56              | <b>16</b> | 0913 1.64<br>2318 3.20 |
| MO        |                                     | TU        |                        |
| <b>2</b>  | 0028 3.19<br>0926 1.70<br>2346 2.91 | <b>17</b> | 0846 1.52<br>2301 3.08 |
| TU        |                                     | WE        |                        |
| <b>3</b>  | 0919 1.53<br>2254 2.82              | <b>18</b> | 0835 1.38<br>1931 3.16 |
| WE        |                                     | TH        |                        |
| <b>4</b>  | 0926 1.34<br>1852 3.12              | <b>19</b> | 0827 1.25<br>1852 3.49 |
| TH        |                                     | FR        |                        |
| <b>5</b>  | 0935 1.19<br>1914 3.54              | <b>20</b> | 0843 1.14<br>1906 3.79 |
| FR        |                                     | SA        |                        |
| <b>6</b>  | 0940 1.11<br>1949 3.84              | <b>21</b> | 0906 1.08<br>1932 4.04 |
| SA        | ☉                                   | SU        |                        |
| <b>7</b>  | 0947 1.06<br>2023 4.02              | <b>22</b> | 0930 1.04<br>2003 4.24 |
| SU        |                                     | MO        | ☀                      |
| <b>8</b>  | 1006 1.05<br>2057 4.09              | <b>23</b> | 0953 0.99<br>2040 4.38 |
| MO        |                                     | TU        |                        |
| <b>9</b>  | 1031 1.06<br>2130 4.11              | <b>24</b> | 1015 0.93<br>2119 4.44 |
| TU        |                                     | WE        |                        |
| <b>10</b> | 1056 1.08<br>2202 4.08              | <b>25</b> | 1039 0.89<br>2157 4.41 |
| WE        |                                     | TH        |                        |
| <b>11</b> | 1109 1.11<br>2228 4.01              | <b>26</b> | 1111 0.92<br>2232 4.27 |
| TH        |                                     | FR        |                        |
| <b>12</b> | 1118 1.16<br>2247 3.90              | <b>27</b> | 1146 1.07<br>2302 4.01 |
| FR        |                                     | SA        |                        |
| <b>13</b> | 1139 1.26<br>2305 3.76              | <b>28</b> | 1214 1.35<br>2320 3.68 |
| SA        |                                     | SU        |                        |
| <b>14</b> | 1144 1.43<br>2324 3.59              | <b>29</b> | 1151 1.71<br>2324 3.34 |
| SU        | ☾                                   | MO        | ☀                      |
| <b>15</b> | 1042 1.60<br>2333 3.39              | <b>30</b> | 0813 1.79<br>2230 3.09 |
| MO        |                                     | TU        |                        |
|           |                                     | <b>31</b> | 0801 1.55<br>2130 3.09 |
|           |                                     | WE        |                        |

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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