

# DEEP WATER BEND PINE RIVER

LAT 27° 17' S      LONG 153° 02' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

| JANUARY 2016 |   | FEBRUARY 2016 |   | MARCH 2016 |   | APRIL 2016 |   |           |   |           |   |           |   |           |   |
|--------------|---|---------------|---|------------|---|------------|---|-----------|---|-----------|---|-----------|---|-----------|---|
| Time         | m   | Time          | m   | Time       | m   | Time       | m   |           |   |           |   |           |   |           |   |
| <b>01</b>    | 0210 1.68<br>0800 0.78<br>FR 1408 2.01<br>2111 0.64 | <b>16</b>     | 0212 1.90<br>0827 0.63<br>SA 1424 2.18<br>2132 0.52 | <b>01</b>  | 0315 1.81<br>0915 0.92<br>MO 1508 1.81<br>2152 0.69 | <b>16</b>  | 0411 2.06<br>1056 0.85<br>TU 1618 1.77<br>2309 0.62 | <b>01</b> | 0220 1.94<br>0844 0.89<br>TU 1425 1.77<br>2059 0.72 | <b>16</b> | 0342 2.11<br>1045 0.85<br>WE 1600 1.65<br>2237 0.73 | <b>01</b> | 0352 2.05<br>1054 0.86<br>FR 1627 1.68<br>2241 0.76 | <b>16</b> | 0524 2.08<br>1235 0.71<br>SA 1809 1.74              |
| <b>02</b>    | 0313 1.68<br>0853 0.87<br>SA 1501 1.91<br>2201 0.65 | <b>17</b>     | 0322 1.92<br>0939 0.74<br>SU 1529 2.03<br>2235 0.52 | <b>02</b>  | 0423 1.86<br>1031 0.96<br>TU 1615 1.74<br>2253 0.68 | <b>17</b>  | 0524 2.12<br>1219 0.82<br>WE 1734 1.72              | <b>02</b> | 0325 1.94<br>0956 0.94<br>WE 1534 1.69<br>2204 0.74 | <b>17</b> | 0456 2.11<br>1203 0.81<br>TH 1722 1.65<br>2351 0.73 | <b>02</b> | 0505 2.12<br>1210 0.76<br>SA 1743 1.78<br>2357 0.68 | <b>17</b> | 0023 0.83<br>0618 2.09<br>SU 1325 0.63<br>1901 1.86 |
| <b>03</b>    | 0420 1.73<br>1000 0.93<br>SU 1601 1.84<br>2255 0.64 | <b>18</b>     | 0437 1.99<br>1105 0.80<br>MO 1640 1.92<br>2340 0.50 | <b>03</b>  | 0528 1.96<br>1155 0.93<br>WE 1726 1.72<br>2357 0.64 | <b>18</b>  | 0018 0.59<br>0626 2.21<br>TH 1328 0.74<br>1840 1.75 | <b>03</b> | 0438 1.98<br>1123 0.92<br>TH 1654 1.69<br>2317 0.71 | <b>18</b> | 0600 2.15<br>1307 0.73<br>FR 1828 1.73              | <b>03</b> | 0609 2.24<br>1313 0.62<br>SU 1846 1.94              | <b>18</b> | 0120 0.78<br>0704 2.11<br>MO 1408 0.56<br>1945 1.98 |
| <b>04</b>    | 0522 1.83<br>1117 0.94<br>MO 1704 1.79<br>2349 0.60 | <b>19</b>     | 0547 2.12<br>1228 0.78<br>TU 1750 1.85              | <b>04</b>  | 0625 2.08<br>1311 0.85<br>TH 1830 1.76              | <b>19</b>  | 0119 0.55<br>0720 2.29<br>FR 1425 0.65<br>1936 1.81 | <b>04</b> | 0545 2.09<br>1241 0.82<br>FR 1807 1.75              | <b>19</b> | 0055 0.69<br>0653 2.20<br>SA 1400 0.64<br>1922 1.83 | <b>04</b> | 0104 0.57<br>0704 2.36<br>MO 1409 0.48<br>1940 2.10 | <b>19</b> | 0209 0.73<br>0745 2.13<br>TU 1447 0.51<br>2024 2.09 |
| <b>05</b>    | 0616 1.95<br>1232 0.89<br>TU 1803 1.78              | <b>20</b>     | 0042 0.46<br>0647 2.25<br>WE 1340 0.70<br>1853 1.83 | <b>05</b>  | 0100 0.57<br>0716 2.22<br>FR 1415 0.74<br>1927 1.82 | <b>20</b>  | 0213 0.51<br>0806 2.34<br>SA 1512 0.57<br>2024 1.88 | <b>05</b> | 0028 0.64<br>0643 2.23<br>SA 1346 0.69<br>1907 1.87 | <b>20</b> | 0150 0.65<br>0739 2.23<br>SU 1444 0.57<br>2007 1.93 | <b>05</b> | 0206 0.46<br>0755 2.45<br>TU 1459 0.37<br>2028 2.26 | <b>20</b> | 0253 0.68<br>0823 2.13<br>WE 1522 0.48<br>2100 2.17 |
| <b>06</b>    | 0043 0.55<br>0703 2.08<br>WE 1340 0.82<br>1858 1.79 | <b>21</b>     | 0140 0.42<br>0740 2.36<br>TH 1441 0.62<br>1948 1.83 | <b>06</b>  | 0159 0.49<br>0803 2.34<br>SA 1508 0.62<br>2018 1.90 | <b>21</b>  | 0300 0.49<br>0847 2.37<br>SU 1554 0.52<br>2107 1.94 | <b>06</b> | 0132 0.53<br>0734 2.36<br>SU 1441 0.56<br>2000 2.00 | <b>21</b> | 0237 0.61<br>0819 2.25<br>MO 1523 0.52<br>2048 2.02 | <b>06</b> | 0302 0.37<br>0842 2.49<br>WE 1546 0.29<br>2115 2.38 | <b>21</b> | 0333 0.65<br>0859 2.12<br>TH 1556 0.47<br>2134 2.24 |
| <b>07</b>    | 0136 0.50<br>0747 2.21<br>TH 1439 0.73<br>1949 1.81 | <b>22</b>     | 0233 0.39<br>0827 2.44<br>FR 1533 0.55<br>2038 1.85 | <b>07</b>  | 0253 0.41<br>0847 2.45<br>SU 1556 0.51<br>2106 1.97 | <b>22</b>  | 0342 0.48<br>0924 2.37<br>MO 1631 0.48<br>2147 1.99 | <b>07</b> | 0230 0.43<br>0822 2.47<br>MO 1529 0.44<br>2048 2.12 | <b>22</b> | 0319 0.58<br>0855 2.26<br>TU 1559 0.48<br>2125 2.10 | <b>07</b> | 0354 0.31<br>0928 2.48<br>TH 1629 0.25<br>2200 2.47 | <b>22</b> | 0412 0.62<br>0935 2.10<br>FR 1627 0.47<br>2208 2.28 |
| <b>08</b>    | 0228 0.45<br>0830 2.32<br>FR 1531 0.65<br>2037 1.84 | <b>23</b>     | 0320 0.38<br>0910 2.47<br>SA 1618 0.50<br>2124 1.87 | <b>08</b>  | 0342 0.34<br>0930 2.53<br>MO 1640 0.43<br>2151 2.04 | <b>23</b>  | 0419 0.48<br>1000 2.35<br>TU 1705 0.47<br>2224 2.03 | <b>08</b> | 0322 0.34<br>0907 2.55<br>TU 1614 0.35<br>2133 2.22 | <b>23</b> | 0357 0.56<br>0930 2.25<br>WE 1631 0.47<br>2200 2.15 | <b>08</b> | 0443 0.30<br>1012 2.41<br>FR 1710 0.25<br>2244 2.52 | <b>23</b> | 0449 0.62<br>1009 2.05<br>SA 1657 0.49<br>2241 2.31 |
| <b>09</b>    | 0316 0.40<br>0911 2.41<br>SA 1618 0.57<br>2122 1.87 | <b>24</b>     | 0402 0.38<br>0949 2.47<br>SU 1658 0.48<br>2206 1.89 | <b>09</b>  | 0427 0.29<br>1012 2.58<br>TU 1722 0.37<br>2235 2.10 | <b>24</b>  | 0453 0.50<br>1033 2.32<br>WE 1736 0.47<br>2259 2.05 | <b>09</b> | 0410 0.28<br>0950 2.57<br>WE 1656 0.30<br>2218 2.29 | <b>24</b> | 0432 0.56<br>1004 2.22<br>TH 1701 0.47<br>2233 2.18 | <b>09</b> | 0531 0.34<br>1055 2.29<br>SA 1750 0.29<br>2329 2.51 | <b>24</b> | 0525 0.63<br>1044 1.99<br>SU 1726 0.52<br>2314 2.31 |
| <b>10</b>    | 0401 0.36<br>0951 2.47<br>SU 1701 0.50<br>2206 1.90 | <b>25</b>     | 0440 0.41<br>1026 2.44<br>MO 1735 0.47<br>2246 1.91 | <b>10</b>  | 0510 0.28<br>1053 2.58<br>WE 1802 0.35<br>2318 2.13 | <b>25</b>  | 0525 0.53<br>1106 2.27<br>TH 1804 0.50<br>2334 2.05 | <b>10</b> | 0456 0.27<br>1033 2.54<br>TH 1737 0.29<br>2301 2.34 | <b>25</b> | 0506 0.57<br>1037 2.18<br>FR 1729 0.49<br>2306 2.20 | <b>10</b> | 0619 0.43<br>1139 2.14<br>SU 1829 0.37              | <b>25</b> | 0602 0.66<br>1119 1.93<br>MO 1755 0.56<br>2349 2.29 |
| <b>11</b>    | 0443 0.34<br>1031 2.52<br>MO 1743 0.46<br>2249 1.92 | <b>26</b>     | 0515 0.45<br>1101 2.39<br>TU 1808 0.48<br>2324 1.91 | <b>11</b>  | 0552 0.31<br>1135 2.53<br>TH 1841 0.37              | <b>26</b>  | 0556 0.57<br>1139 2.20<br>FR 1831 0.53              | <b>11</b> | 0540 0.31<br>1115 2.45<br>FR 1816 0.32<br>2346 2.34 | <b>26</b> | 0539 0.59<br>1110 2.11<br>SA 1756 0.52<br>2340 2.19 | <b>11</b> | 0015 2.46<br>0709 0.55<br>MO 1225 1.97<br>1909 0.48 | <b>26</b> | 0639 0.71<br>1157 1.85<br>TU 1827 0.60              |
| <b>12</b>    | 0523 0.34<br>1112 2.53<br>TU 1823 0.44<br>2333 1.93 | <b>27</b>     | 0546 0.50<br>1136 2.33<br>WE 1839 0.51              | <b>12</b>  | 0004 2.13<br>0635 0.39<br>FR 1219 2.42<br>1922 0.41 | <b>27</b>  | 0009 2.04<br>0629 0.63<br>SA 1213 2.11<br>1859 0.57 | <b>12</b> | 0626 0.40<br>1158 2.31<br>SA 1855 0.38              | <b>27</b> | 0613 0.64<br>1144 2.03<br>SU 1824 0.57              | <b>12</b> | 0106 2.37<br>0804 0.67<br>TU 1317 1.80<br>1953 0.60 | <b>27</b> | 0027 2.26<br>0721 0.76<br>WE 1239 1.78<br>1904 0.65 |
| <b>13</b>    | 0603 0.36<br>1154 2.50<br>WE 1904 0.44              | <b>28</b>     | 0002 1.89<br>0617 0.57<br>TH 1210 2.25<br>1909 0.54 | <b>13</b>  | 0053 2.11<br>0721 0.51<br>SA 1305 2.26<br>2006 0.47 | <b>28</b>  | 0046 2.01<br>0706 0.71<br>SU 1249 2.00<br>1931 0.63 | <b>13</b> | 0034 2.30<br>0714 0.53<br>SU 1244 2.13<br>1937 0.47 | <b>28</b> | 0014 2.17<br>0649 0.71<br>MO 1220 1.93<br>1855 0.62 | <b>13</b> | 0203 2.25<br>0910 0.77<br>WE 1421 1.67<br>2047 0.72 | <b>28</b> | 0112 2.21<br>0811 0.80<br>TH 1332 1.71<br>1951 0.71 |
| <b>14</b>    | 0020 1.93<br>0645 0.41<br>TH 1239 2.44<br>1948 0.46 | <b>29</b>     | 0042 1.87<br>0651 0.65<br>FR 1246 2.15<br>1940 0.59 | <b>14</b>  | 0149 2.07<br>0817 0.66<br>SU 1358 2.08<br>2058 0.54 | <b>29</b>  | 0129 1.98<br>0749 0.81<br>MO 1332 1.88<br>2010 0.68 | <b>14</b> | 0127 2.24<br>0811 0.68<br>MO 1336 1.93<br>2024 0.57 | <b>29</b> | 0053 2.13<br>0731 0.79<br>TU 1301 1.83<br>1931 0.68 | <b>14</b> | 0309 2.15<br>1025 0.80<br>TH 1542 1.60<br>2157 0.82 | <b>29</b> | 0207 2.17<br>0913 0.81<br>FR 1440 1.67<br>2052 0.76 |
| <b>15</b>    | 0111 1.91<br>0731 0.51<br>FR 1328 2.32<br>2036 0.49 | <b>30</b>     | 0124 1.84<br>0729 0.74<br>SA 1325 2.03<br>2016 0.63 | <b>15</b>  | 0256 2.04<br>0929 0.79<br>MO 1502 1.89<br>2200 0.60 |            |   | <b>15</b> | 0230 2.16<br>0922 0.81<br>TU 1440 1.76<br>2123 0.67 | <b>30</b> | 0140 2.08<br>0823 0.86<br>WE 1353 1.73<br>2019 0.73 | <b>15</b> | 0420 2.09<br>1135 0.77<br>FR 1704 1.64<br>2315 0.85 | <b>30</b> | 0314 2.15<br>1027 0.77<br>SA 1601 1.70<br>2208 0.76 |
|              |   | <b>31</b>     | 0215 1.81<br>0816 0.83<br>SU 1411 1.91<br>2059 0.67 |            |   |            |   | <b>31</b> | 0240 2.05<br>0932 0.89<br>TH 1503 1.67<br>2123 0.77 |           |   |           |   |           |   |

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality)      © The State of Queensland (DTMR) 2015

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

Constants: C008006A.95A

# DEEP WATER BEND PINE RIVER

LAT 27° 17' S      LONG 153° 02' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

| MAY 2016  |           | JUNE 2016 |           | JULY 2016 |           | AUGUST 2016 |           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Time      | m         | Time      | m         | Time      | m         | Time        | m         | Time      | m         | Time      | m         |           |           |           |           |
| <b>01</b> | 0427 2.17 | <b>16</b> | 0533 1.99 | <b>01</b> | 0013 0.66 | <b>16</b>   | 0056 0.90 | <b>01</b> | 0114 0.66 | <b>16</b> | 0124 0.85 | <b>01</b> | 0310 0.49 | <b>16</b> | 0249 0.60 |
| SU        | 1137 0.67 | MO        | 1240 0.63 | WE        | 0603 2.21 | TH          | 0627 1.86 | FR        | 0639 1.99 | SA        | 0641 1.73 | MO        | 0818 1.82 | TU        | 0801 1.78 |
|           | 1718 1.82 | MO        | 1832 1.87 |           | 1304 0.40 | TH          | 1316 0.54 | SA        | 1333 0.35 | MO        | 1500 0.31 | TU        | 1431 0.41 |           | 2029 2.30 |
|           | 2326 0.71 |           |           |           | 1856 2.22 |             | 1924 2.08 |           | 1931 2.37 |           | 2051 2.45 |           |           |           |           |
| <b>02</b> | 0534 2.24 | <b>17</b> | 0041 0.89 | <b>02</b> | 0125 0.59 | <b>17</b>   | 0155 0.83 | <b>02</b> | 0223 0.58 | <b>17</b> | 0223 0.76 | <b>02</b> | 0359 0.42 | <b>17</b> | 0337 0.49 |
|           | 1240 0.54 |           | 0623 1.99 |           | 0701 2.20 |             | 0714 1.86 |           | 0737 1.95 |           | 0733 1.75 |           | 0848 1.87 |           |           |
| MO        | 1822 1.99 | TU        | 1324 0.57 | TH        | 1359 0.32 | FR          | 1359 0.50 | SA        | 1427 0.30 | SU        | 1408 0.48 | TU        | 1545 0.30 | WE        | 1521 0.33 |
|           |           |           | 1916 1.99 |           | 1949 2.39 |             | 2004 2.19 |           | 2022 2.49 |           | 2014 2.24 |           | 2111 2.38 |           |           |
| <b>03</b> | 0037 0.61 | <b>18</b> | 0136 0.84 | <b>03</b> | 0231 0.52 | <b>18</b>   | 0247 0.76 | <b>03</b> | 0322 0.50 | <b>18</b> | 0315 0.66 | <b>03</b> | 0441 0.39 | <b>18</b> | 0420 0.40 |
|           | 0633 2.32 |           | 0707 2.00 |           | 0755 2.16 |             | 0759 1.85 |           | 0830 1.93 |           | 0821 1.78 |           | 0932 1.95 |           |           |
| TU        | 1336 0.42 | WE        | 1404 0.52 | FR        | 1450 0.27 | SA          | 1442 0.47 | SU        | 1518 0.27 | MO        | 1457 0.42 | WE        | 1627 0.31 | TH        | 1606 0.27 |
|           | 1918 2.18 |           | 1956 2.11 |           | 2038 2.53 |             | 2042 2.28 |           | 2109 2.56 |           | 2055 2.33 |           | 2151 2.44 |           |           |
| <b>04</b> | 0143 0.52 | <b>19</b> | 0225 0.77 | <b>04</b> | 0331 0.46 | <b>19</b>   | 0336 0.69 | <b>04</b> | 0414 0.44 | <b>19</b> | 0401 0.58 | <b>04</b> | 0520 0.37 | <b>19</b> | 0501 0.34 |
|           | 0727 2.36 |           | 0749 2.00 |           | 0846 2.10 |             | 0842 1.85 |           | 0919 1.90 |           | 0906 1.82 |           | 1032 1.90 |           |           |
| WE        | 1428 0.33 | TH        | 1442 0.48 | SA        | 1538 0.24 | SU          | 1524 0.44 | MO        | 1604 0.27 | TU        | 1542 0.38 | TH        | 1704 0.35 | FR        | 1649 0.24 |
|           | 2008 2.35 |           | 2033 2.21 |           | 2125 2.62 |             | 2119 2.35 |           | 2153 2.58 |           | 2134 2.39 |           | 2232 2.46 |           |           |
| <b>05</b> | 0244 0.44 | <b>20</b> | 0310 0.72 | <b>05</b> | 0425 0.42 | <b>20</b>   | 0420 0.64 | <b>05</b> | 0501 0.41 | <b>20</b> | 0444 0.51 | <b>05</b> | 0555 0.38 | <b>20</b> | 0540 0.30 |
|           | 0818 2.36 |           | 0828 1.99 |           | 0934 2.03 |             | 0924 1.84 |           | 1006 1.88 |           | 0949 1.85 |           | 1111 1.91 |           | 1056 2.06 |
| TH        | 1517 0.26 | FR        | 1519 0.46 | SU        | 1623 0.25 | MO          | 1604 0.43 | TU        | 1646 0.29 | WE        | 1625 0.35 | FR        | 1738 0.41 | SA        | 1730 0.25 |
|           | 2056 2.49 |           | 2109 2.28 |           | 2210 2.65 |             | 2156 2.39 |           | 2234 2.56 |           | 2213 2.44 |           | 2312 2.43 |           |           |
| <b>06</b> | 0341 0.38 | <b>21</b> | 0354 0.68 | <b>06</b> | 0514 0.42 | <b>21</b>   | 0502 0.60 | <b>06</b> | 0544 0.41 | <b>21</b> | 0524 0.47 | <b>06</b> | 0628 0.41 | <b>21</b> | 0618 0.30 |
|           | 0905 2.31 |           | 0907 1.96 |           | 1021 1.96 |             | 1004 1.83 |           | 1050 1.86 |           | 1030 1.88 |           | 1150 1.90 |           | 1139 2.08 |
| FR        | 1603 0.24 | SA        | 1554 0.46 | MO        | 1705 0.29 | TU          | 1642 0.43 | WE        | 1724 0.35 | TH        | 1704 0.33 | SA        | 1810 0.48 | SU        | 1812 0.29 |
|           | 2142 2.59 |           | 2143 2.34 |           | 2254 2.63 |             | 2233 2.42 |           | 2314 2.49 |           | 2358 2.21 |           | 2354 2.35 |           |           |
| <b>07</b> | 0433 0.37 | <b>22</b> | 0435 0.65 | <b>07</b> | 0601 0.44 | <b>22</b>   | 0541 0.58 | <b>07</b> | 0624 0.43 | <b>22</b> | 0603 0.44 | <b>07</b> | 0658 0.45 | <b>22</b> | 0656 0.33 |
|           | 0952 2.22 |           | 0945 1.93 |           | 1106 1.88 |             | 1045 1.83 |           | 1133 1.84 |           | 1112 1.91 |           | 1229 1.87 |           | 1225 2.07 |
| SA        | 1645 0.24 | SU        | 1628 0.47 | TU        | 1744 0.36 | WE          | 1719 0.44 | TH        | 1800 0.43 | FR        | 1743 0.34 | SU        | 1842 0.57 | MO        | 1856 0.39 |
|           | 2227 2.63 |           | 2218 2.37 |           | 2337 2.56 |             | 2310 2.43 |           | 2352 2.40 |           | 2331 2.45 |           |           |           |           |
| <b>08</b> | 0523 0.39 | <b>23</b> | 0514 0.64 | <b>08</b> | 0646 0.49 | <b>23</b>   | 0620 0.57 | <b>08</b> | 0701 0.47 | <b>23</b> | 0641 0.43 | <b>08</b> | 0033 2.10 | <b>23</b> | 0038 2.22 |
|           | 1037 2.11 |           | 1022 1.89 |           | 1152 1.81 |             | 1126 1.82 |           | 1216 1.80 |           | 1155 1.92 |           | 0728 0.50 |           | 0737 0.38 |
| SU        | 1726 0.29 | MO        | 1701 0.49 | WE        | 1822 0.46 | TH          | 1756 0.45 | FR        | 1834 0.53 | SA        | 1822 0.37 | MO        | 1310 1.83 | TU        | 1316 2.04 |
|           | 2312 2.61 |           | 2252 2.38 |           |           |             | 2349 2.42 |           |           |           | 1918 0.66 |           | 1946 0.51 |           |           |
| <b>09</b> | 0612 0.45 | <b>24</b> | 0553 0.65 | <b>09</b> | 0019 2.45 | <b>24</b>   | 0700 0.57 | <b>09</b> | 0030 2.28 | <b>24</b> | 0013 2.41 | <b>09</b> | 0111 1.98 | <b>24</b> | 0127 2.05 |
|           | 1122 1.98 |           | 1100 1.85 |           | 0730 0.55 |             | 1210 1.81 |           | 0738 0.52 |           | 0721 0.44 |           | 0800 0.55 |           | 0824 0.44 |
| MO        | 1805 0.37 | TU        | 1734 0.51 | TH        | 1240 1.74 | FR          | 1834 0.49 | SA        | 1302 1.76 | SU        | 1243 1.91 | TU        | 1357 1.79 | WE        | 1417 2.00 |
|           | 2357 2.55 |           | 2328 2.38 |           | 1859 0.57 |             |           |           | 1908 0.63 |           | 2001 0.76 |           | 2050 0.65 |           |           |
| <b>10</b> | 0700 0.53 | <b>25</b> | 0631 0.67 | <b>10</b> | 0102 2.32 | <b>25</b>   | 0032 2.39 | <b>10</b> | 0109 2.16 | <b>25</b> | 0059 2.32 | <b>10</b> | 0154 1.85 | <b>25</b> | 0226 1.86 |
|           | 1208 1.86 |           | 1140 1.81 |           | 0816 0.61 |             | 0742 0.57 |           | 0815 0.57 |           | 0804 0.46 |           | 0839 0.60 |           | 0920 0.51 |
| TU        | 1844 0.47 | WE        | 1809 0.55 | FR        | 1333 1.68 | SA          | 1259 1.79 | SU        | 1353 1.72 | MO        | 1336 1.90 | WE        | 1454 1.77 | TH        | 1529 1.99 |
|           |           |           |           |           | 1938 0.70 |             | 1917 0.54 |           | 1947 0.75 |           | 2055 0.85 |           | 2213 0.74 |           |           |
| <b>11</b> | 0043 2.44 | <b>26</b> | 0007 2.36 | <b>11</b> | 0149 2.18 | <b>26</b>   | 0120 2.33 | <b>11</b> | 0152 2.03 | <b>26</b> | 0150 2.19 | <b>11</b> | 0246 1.73 | <b>26</b> | 0339 1.71 |
|           | 0752 0.62 |           | 0712 0.69 |           | 0905 0.66 |             | 0831 0.57 |           | 0855 0.62 |           | 0855 0.49 |           | 0927 0.64 |           | 1030 0.54 |
| WE        | 1259 1.74 | TH        | 1224 1.76 | SA        | 1437 1.64 | SU          | 1358 1.78 | MO        | 1452 1.70 | TU        | 1441 1.89 | TH        | 1600 1.79 | FR        | 1646 2.03 |
|           | 1925 0.60 |           | 1847 0.59 |           | 2024 0.82 |             | 2009 0.61 |           | 2035 0.85 |           | 2057 0.66 |           | 2341 0.73 |           |           |
| <b>12</b> | 0134 2.31 | <b>27</b> | 0050 2.32 | <b>12</b> | 0241 2.05 | <b>27</b>   | 0215 2.25 | <b>12</b> | 0241 1.91 | <b>27</b> | 0250 2.04 | <b>12</b> | 0352 1.64 | <b>27</b> | 0500 1.64 |
|           | 0848 0.70 |           | 0759 0.70 |           | 0958 0.68 |             | 0927 0.56 |           | 0941 0.64 |           | 0954 0.50 |           | 1026 0.65 |           | 1143 0.53 |
| TH        | 1400 1.64 | FR        | 1315 1.72 | SU        | 1549 1.66 | MO          | 1507 1.81 | TU        | 1559 1.72 | WE        | 1555 1.93 | FR        | 1707 1.85 | SA        | 1755 2.11 |
|           | 2011 0.74 |           | 1932 0.64 |           | 2123 0.92 |             | 2114 0.68 |           | 2137 0.92 |           | 2219 0.74 |           |           |           |           |
| <b>13</b> | 0230 2.17 | <b>28</b> | 0142 2.27 | <b>13</b> | 0339 1.96 | <b>28</b>   | 0319 2.16 | <b>13</b> | 0339 1.81 | <b>28</b> | 0400 1.90 | <b>13</b> | 0505 1.61 | <b>28</b> | 0057 0.65 |
|           | 0951 0.74 |           | 0854 0.70 |           | 1053 0.67 |             | 1029 0.53 |           | 1034 0.64 |           | 1101 0.49 |           | 1132 0.62 |           | 0613 1.65 |
| FR        | 1516 1.60 | SA        | 1419 1.71 | MO        | 1657 1.73 | TU          | 1622 1.89 | WE        | 1703 1.79 | TH        | 1709 2.03 | SA        | 1806 1.96 | SU        | 1250 0.48 |
|           | 2110 0.85 |           | 2028 0.69 |           | 2237 0.97 |             | 2233 0.73 |           | 2255 0.95 |           | 2347 0.75 |           | 1854 2.20 |           |           |
| <b>14</b> | 0333 2.07 | <b>29</b> | 0243 2.23 | <b>14</b> | 0439 1.90 | <b>29</b>   | 0428 2.08 | <b>14</b> | 0443 1.75 | <b>29</b> | 0514 1.82 | <b>14</b> | 0051 0.82 | <b>29</b> | 0200 0.55 |
|           | 1054 0.73 |           | 0958 0.66 |           | 1144 0.63 |             | 1133 0.47 |           | 1128 0.62 |           | 1207 0.46 |           | 0612 1.63 |           | 0714 1.72 |
| SA        | 1634 1.64 | SU        | 1535 1.74 | TU        | 1753 1.84 | WE          | 1733 2.03 | TH        | 1759 1.90 | FR        | 1816 2.16 | SU        | 1236 0.57 | MO        | 1349 0.43 |
|           | 2224 0.92 |           | 2138 0.73 |           | 2351 0.95 |             | 2356 0.72 |           |           |           | 1858 2.08 |           | 1944 2.27 |           |           |
| <b>15</b> | 0437 2.01 | <b>30</b> | 0351 2.20 | <b>15</b> | 0535 1.87 | <b>30</b>   | 0536 2.03 | <b>15</b> | 0014 0.92 | <b>30</b> | 0107 0.68 | <b>15</b> | 0156 0.71 | <b>30</b> | 0251 0.46 |
|           | 1151 0.68 |           | 1103 0.59 |           | 1231 0.59 |             | 1234 0.41 |           | 0545 1.73 |           | 0623 1.79 |           | 0710 1.70 |           | 0805 1.80 |
| SU        | 1740 1.74 | MO        | 1651 1.86 | WE        | 1842 1.96 | TH          | 1835 2.21 | FR        | 1223 0.58 | SA        | 1310 0.40 | MO        | 1336 0.49 | TU        | 1441 0.39 |
|           | 2338 0.93 |           | 2257 0.72 |           |           |             |           |           | 1848 2.02 |           | 1913 2.30 |           | 2028 2.30 |           |           |
| <b>31</b> | 0500 2.20 |           |           |           |           |             |           | <b>31</b> | 0214 0.58 |           |           | <b>31</b> | 0335 0.40 |           |           |
|           | 1206 0.49 |           |           |           |           |             |           |           | 0724 1.79 |           |           |           | 0851 1.88 |           |           |
| TU        | 1757 2.03 |           |           |           |           |             |           | SU        | 1408 0.35 |           |           | WE        | 1526 0.36 |           |           |
|           |           |           |           |           |           |             |           |           | 2004 2.39 |           |           |           | 2108 2.30 |           |           |

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality)

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

Constants: C008006A.95A

# DEEP WATER BEND PINE RIVER

LAT 27° 17' S      LONG 153° 02' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

| SEPTEMBER 2016   |  | OCTOBER 2016   |  | NOVEMBER 2016  |  | DECEMBER 2016  |  |
|--|--|--|--|--|--|--|--|
| Time m   | Time m   | Time m   | Time m   | Time m   | Time m   | Time m   | Time m   |
| <b>01</b><br>0415 0.36<br>0932 1.94<br>1607 0.36<br>2146 2.28<br>● | <b>16</b><br>0351 0.29<br>0913 2.08<br>1547 0.24<br>2128 2.40      | <b>01</b><br>0417 0.33<br>0947 2.07<br>1622 0.45<br>2150 2.09<br>● | <b>16</b><br>0405 0.17<br>0937 2.34<br>1620 0.23<br>2148 2.28<br>○ | <b>01</b><br>0443 0.37<br>1029 2.23<br>1715 0.54<br>2231 1.87      | <b>16</b><br>0504 0.18<br>1050 2.57<br>1751 0.33<br>2300 1.93      | <b>01</b><br>0446 0.42<br>1039 2.32<br>1740 0.59<br>2246 1.76      | <b>16</b><br>0527 0.26<br>1118 2.59<br>1828 0.39<br>2333 1.82      |
| <b>02</b><br>0451 0.34<br>1011 1.98<br>1643 0.38<br>2220 2.24      | <b>17</b><br>0433 0.23<br>0956 2.18<br>1633 0.20<br>2210 2.40<br>○ | <b>02</b><br>0448 0.34<br>1022 2.11<br>1656 0.46<br>2224 2.05      | <b>17</b><br>0447 0.15<br>1021 2.41<br>1709 0.24<br>2232 2.19      | <b>02</b><br>0512 0.40<br>1102 2.23<br>1751 0.56<br>2306 1.80      | <b>17</b><br>0545 0.23<br>1135 2.54<br>1840 0.39<br>2348 1.81      | <b>02</b><br>0519 0.45<br>1114 2.32<br>1818 0.60<br>2325 1.72      | <b>17</b><br>0607 0.34<br>1201 2.50<br>1913 0.44                   |
| <b>03</b><br>0523 0.35<br>1047 2.01<br>1716 0.42<br>2254 2.18      | <b>18</b><br>0513 0.20<br>1039 2.24<br>1718 0.21<br>2252 2.34      | <b>03</b><br>0517 0.36<br>1055 2.13<br>1730 0.49<br>2257 1.98      | <b>18</b><br>0527 0.17<br>1106 2.44<br>1757 0.30<br>2316 2.06      | <b>03</b><br>0541 0.44<br>1136 2.22<br>1828 0.60<br>2343 1.73      | <b>18</b><br>0626 0.32<br>1222 2.45<br>1931 0.47                   | <b>03</b><br>0553 0.48<br>1150 2.30<br>1856 0.62                   | <b>18</b><br>0602 1.76<br>0646 0.45<br>1245 2.37<br>1958 0.51      |
| <b>04</b><br>0552 0.37<br>1122 2.01<br>1748 0.46<br>2327 2.10      | <b>19</b><br>0552 0.21<br>1122 2.26<br>1803 0.27<br>2334 2.22      | <b>04</b><br>0543 0.40<br>1128 2.12<br>1803 0.53<br>2331 1.90      | <b>19</b><br>0607 0.23<br>1151 2.41<br>1846 0.39                   | <b>04</b><br>0612 0.49<br>1212 2.19<br>1907 0.64                   | <b>19</b><br>0038 1.70<br>0707 0.44<br>1311 2.33<br>2026 0.55      | <b>04</b><br>0006 1.69<br>0628 0.52<br>1230 2.27<br>1938 0.64      | <b>19</b><br>0113 1.70<br>0726 0.59<br>1331 2.22<br>2046 0.57      |
| <b>05</b><br>0619 0.41<br>1157 2.00<br>1820 0.53                   | <b>20</b><br>0631 0.26<br>1208 2.25<br>1850 0.38                   | <b>05</b><br>0610 0.44<br>1202 2.10<br>1839 0.59                   | <b>20</b><br>0002 1.91<br>0647 0.32<br>1240 2.34<br>1940 0.50      | <b>05</b><br>0023 1.66<br>0646 0.55<br>1252 2.14<br>1952 0.69      | <b>20</b><br>0135 1.61<br>0753 0.58<br>1406 2.19<br>2126 0.60      | <b>05</b><br>0052 1.66<br>0709 0.57<br>1316 2.22<br>2026 0.64      | <b>20</b><br>0213 1.66<br>0811 0.73<br>1422 2.08<br>2138 0.61      |
| <b>06</b><br>0000 2.01<br>0646 0.46<br>1233 1.96<br>1855 0.60      | <b>21</b><br>0019 2.07<br>0711 0.33<br>1257 2.20<br>1943 0.51      | <b>06</b><br>0006 1.80<br>0639 0.50<br>1239 2.06<br>1918 0.66      | <b>21</b><br>0052 1.75<br>0730 0.43<br>1334 2.24<br>2042 0.60      | <b>06</b><br>0111 1.60<br>0728 0.61<br>1341 2.09<br>2047 0.71      | <b>21</b><br>0246 1.55<br>0848 0.71<br>1507 2.06<br>2229 0.61<br>● | <b>06</b><br>0149 1.64<br>0758 0.62<br>1411 2.17<br>2123 0.62      | <b>21</b><br>0323 1.65<br>0906 0.85<br>1517 1.96<br>2232 0.62<br>● |
| <b>07</b><br>0036 1.90<br>0715 0.51<br>1313 1.92<br>1935 0.69      | <b>22</b><br>0108 1.88<br>0755 0.43<br>1355 2.12<br>2048 0.63      | <b>07</b><br>0046 1.70<br>0713 0.56<br>1321 2.01<br>2006 0.73      | <b>22</b><br>0152 1.60<br>0820 0.56<br>1437 2.13<br>2154 0.65      | <b>07</b><br>0211 1.55<br>0822 0.66<br>1442 2.05<br>2154 0.69      | <b>22</b><br>0405 1.57<br>0959 0.81<br>1611 1.97<br>2328 0.58      | <b>07</b><br>0257 1.66<br>0900 0.67<br>1514 2.13<br>2227 0.57<br>● | <b>22</b><br>0433 1.70<br>1017 0.93<br>1617 1.87<br>2325 0.60      |
| <b>08</b><br>0116 1.77<br>0750 0.57<br>1400 1.87<br>2026 0.78      | <b>23</b><br>0207 1.70<br>0849 0.53<br>1504 2.05<br>2208 0.70<br>● | <b>08</b><br>0133 1.60<br>0756 0.63<br>1414 1.95<br>2107 0.78      | <b>23</b><br>0308 1.51<br>0925 0.67<br>1547 2.05<br>2306 0.64<br>● | <b>08</b><br>0327 1.56<br>0931 0.69<br>1551 2.05<br>2304 0.62<br>● | <b>23</b><br>0515 1.66<br>1115 0.85<br>1711 1.93                   | <b>08</b><br>0413 1.74<br>1014 0.69<br>1622 2.12<br>2330 0.49      | <b>23</b><br>0534 1.80<br>1133 0.95<br>1715 1.82                   |
| <b>09</b><br>0205 1.65<br>0835 0.63<br>1500 1.84<br>2132 0.84<br>● | <b>24</b><br>0323 1.57<br>0959 0.61<br>1620 2.03<br>2330 0.69      | <b>09</b><br>0236 1.52<br>0853 0.68<br>1521 1.93<br>2224 0.77<br>● | <b>24</b><br>0433 1.53<br>1044 0.72<br>1656 2.01                   | <b>09</b><br>0446 1.66<br>1048 0.67<br>1700 2.09                   | <b>24</b><br>0020 0.54<br>0613 1.78<br>1222 0.83<br>1803 1.91      | <b>09</b><br>0524 1.89<br>1133 0.67<br>1729 2.11                   | <b>24</b><br>0014 0.57<br>0625 1.91<br>1241 0.91<br>1809 1.80      |
| <b>10</b><br>0309 1.56<br>0934 0.67<br>1611 1.86<br>2256 0.84      | <b>25</b><br>0449 1.54<br>1117 0.62<br>1730 2.06                   | <b>10</b><br>0357 1.52<br>1006 0.69<br>1634 1.96<br>2341 0.69      | <b>25</b><br>0009 0.58<br>0545 1.62<br>1157 0.72<br>1755 2.00      | <b>10</b><br>0007 0.51<br>0554 1.82<br>1202 0.60<br>1802 2.16      | <b>25</b><br>0106 0.49<br>0700 1.91<br>1320 0.79<br>1850 1.90      | <b>10</b><br>0030 0.40<br>0626 2.08<br>1248 0.61<br>1830 2.11      | <b>25</b><br>0059 0.54<br>0710 2.03<br>1341 0.85<br>1858 1.79      |
| <b>11</b><br>0429 1.53<br>1046 0.67<br>1720 1.93                   | <b>26</b><br>0039 0.61<br>0602 1.61<br>1228 0.59<br>1829 2.10      | <b>11</b><br>0517 1.60<br>1123 0.64<br>1740 2.05                   | <b>26</b><br>0103 0.51<br>0641 1.75<br>1300 0.69<br>1844 2.01      | <b>11</b><br>0105 0.39<br>0651 2.01<br>1310 0.51<br>1859 2.21      | <b>26</b><br>0148 0.45<br>0742 2.03<br>1412 0.74<br>1933 1.89      | <b>11</b><br>0127 0.32<br>0722 2.27<br>1359 0.53<br>1927 2.09      | <b>26</b><br>0143 0.50<br>0751 2.14<br>1434 0.77<br>1944 1.79      |
| <b>12</b><br>0017 0.76<br>0545 1.59<br>1159 0.61<br>1820 2.04      | <b>27</b><br>0136 0.52<br>0701 1.72<br>1328 0.54<br>1918 2.13      | <b>12</b><br>0045 0.56<br>0622 1.75<br>1234 0.55<br>1838 2.16      | <b>27</b><br>0149 0.44<br>0728 1.88<br>1353 0.64<br>1928 2.01      | <b>12</b><br>0159 0.29<br>0743 2.19<br>1414 0.42<br>1951 2.22      | <b>27</b><br>0227 0.42<br>0820 2.13<br>1458 0.69<br>2013 1.88      | <b>12</b><br>0221 0.25<br>0813 2.43<br>1503 0.45<br>2020 2.05      | <b>27</b><br>0226 0.47<br>0829 2.23<br>1522 0.70<br>2028 1.79      |
| <b>13</b><br>0122 0.64<br>0647 1.70<br>1306 0.51<br>1912 2.17      | <b>28</b><br>0224 0.44<br>0750 1.83<br>1419 0.50<br>2001 2.15      | <b>13</b><br>0142 0.43<br>0717 1.92<br>1337 0.44<br>1929 2.26      | <b>28</b><br>0230 0.39<br>0809 1.99<br>1439 0.60<br>2007 2.01      | <b>13</b><br>0250 0.21<br>0832 2.36<br>1514 0.35<br>2040 2.20      | <b>28</b><br>0304 0.40<br>0856 2.21<br>1542 0.64<br>2053 1.86      | <b>13</b><br>0313 0.21<br>0902 2.55<br>1601 0.39<br>2111 2.00      | <b>28</b><br>0307 0.45<br>0906 2.30<br>1607 0.64<br>2110 1.79      |
| <b>14</b><br>0218 0.51<br>0740 1.84<br>1405 0.40<br>2000 2.28      | <b>29</b><br>0306 0.38<br>0832 1.94<br>1505 0.47<br>2040 2.14      | <b>14</b><br>0233 0.32<br>0806 2.09<br>1435 0.34<br>2017 2.32      | <b>29</b><br>0307 0.36<br>0847 2.08<br>1522 0.57<br>2045 1.99      | <b>14</b><br>0337 0.17<br>0919 2.48<br>1609 0.31<br>2128 2.13<br>○ | <b>29</b><br>0339 0.40<br>0931 2.27<br>1623 0.60<br>2131 1.83<br>● | <b>14</b><br>0400 0.19<br>0948 2.62<br>1653 0.36<br>2159 1.94<br>○ | <b>29</b><br>0347 0.43<br>0942 2.35<br>1648 0.60<br>2150 1.79<br>● |
| <b>15</b><br>0307 0.39<br>0828 1.97<br>1458 0.31<br>2045 2.36      | <b>30</b><br>0343 0.35<br>0911 2.02<br>1545 0.46<br>2116 2.12      | <b>15</b><br>0320 0.23<br>0852 2.23<br>1529 0.27<br>2103 2.32      | <b>30</b><br>0341 0.35<br>0922 2.15<br>1601 0.55<br>2121 1.96      | <b>15</b><br>0422 0.16<br>1004 2.55<br>1701 0.30<br>2214 2.04      | <b>30</b><br>0413 0.40<br>1005 2.30<br>1702 0.59<br>2209 1.79      | <b>15</b><br>0445 0.21<br>1034 2.63<br>1741 0.36<br>2247 1.88      | <b>30</b><br>0426 0.43<br>1018 2.38<br>1727 0.58<br>2230 1.79      |
|  |  |  | <b>31</b><br>0413 0.36<br>0956 2.20<br>1639 0.53<br>2156 1.92<br>● |  |  | <b>31</b><br>0503 0.43<br>1054 2.39<br>1804 0.56<br>2309 1.80      |  |

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality)

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

Constants: C008006A.95A