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# SOUTH TREES (STORM SURGE) – QUEENSLAND

LAT 23° 51' S LONG 151° 18' E

# 2021

Times and Heights of High and Low Waters

Local Time

JANUARY				FEBRUARY				MARCH				APRIL											
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m								
1	0352 1022 1647 2240	0.74 4.02 0.88 3.11	16	0447 1116 1741 2336	0.84 3.97 0.85 3.20	1	0508 1130 1752 2354	0.71 4.09 0.73 3.42	16	0521 1143 1800	1.16 3.52 1.10	1	0415 1027 1646 2251	0.43 4.30 0.47 3.84	16	0427 1036 1647 2259	0.95 3.62 0.90 3.59	1	0530 1132 1736	0.75 3.57 0.78	16	0507 1059 1652 2334	1.27 2.99 1.21 3.50
2	0431 1103 1730 2322	0.81 3.97 0.91 3.07	17	0521 1155 1818	1.04 3.76 1.01	2	0552 1214 1834	0.89 3.89 0.85	17	0010 0553 1214 1832	3.25 1.39 3.26 1.28	2	0456 1108 1725 2333	0.56 4.10 0.58 3.79	17	0455 1102 1711 2330	1.12 3.40 1.06 3.48	2	0004 0624 1225 1820	3.89 1.05 3.20 1.10	17	0544 1130 1718	1.45 2.78 1.41
3	0514 1149 1815	0.93 3.89 0.96	18	0016 0554 1232 1857	3.09 1.26 3.53 1.16	3	0044 0644 1303 1923	3.36 1.13 3.63 0.99	18	0052 0637 1253 1914	3.13 1.64 3.00 1.46	3	0540 1151 1804	0.79 3.81 0.77	18	0526 1130 1735	1.32 3.15 1.25	3	0103 0735 1331 1921	3.66 1.33 2.87 1.40	18	0017 0633 1217 1759	3.33 1.63 2.59 1.62
4	0011 0602 1239 1904	3.03 1.08 3.78 1.01	19	0100 0635 1313 1940	2.99 1.49 3.30 1.29	4	0144 0751 1402 2021	3.29 1.37 3.35 1.12	19	0148 0746 1349 2015	3.01 1.86 2.75 1.60	4	0021 0630 1239 1848	3.67 1.08 3.45 1.02	19	0006 0603 1202 1804	3.34 1.56 2.89 1.47	4	0220 0909 1502 2054	3.48 1.44 2.71 1.58	19	0117 0745 1335 1927	3.19 1.73 2.47 1.78
5	0108 0701 1334 2001	3.01 1.24 3.64 1.03	20	0153 0735 1400 2032	2.91 1.71 3.08 1.38	5	0258 0921 1514 2131	3.28 1.49 3.11 1.19	20	0303 0933 1511 2133	2.98 1.92 2.59 1.65	5	0118 0738 1340 1945	3.52 1.38 3.10 1.27	20	0053 0658 1250 1853	3.18 1.78 2.64 1.68	5	0354 1044 1645 2241	3.45 1.32 2.82 1.54	20	0237 0920 1521 2116	3.16 1.68 2.51 1.74
6	0215 0817 1436 2104	3.03 1.37 3.50 1.02	21	0300 0904 1501 2135	2.90 1.84 2.89 1.41	6	0424 1054 1641 2250	3.38 1.42 3.00 1.18	21	0431 1107 1700 2251	3.08 1.78 2.61 1.56	6	0234 0913 1501 2105	3.39 1.53 2.85 1.43	21	0200 0828 1413 2024	3.06 1.90 2.47 1.80	6	0516 1151 1756 2359	3.58 1.09 3.09 1.33	21	0359 1042 1652 2243	3.28 1.46 2.75 1.53
7	0331 0943 1543 2211	3.15 1.38 3.38 0.96	22	0420 1034 1619 2239	3.00 1.79 2.80 1.37	7	0543 1210 1803	3.61 1.20 3.05	22	0540 1208 1811 2357	3.31 1.55 2.79 1.37	7	0409 1054 1646 2244	3.41 1.43 2.82 1.44	22	0328 1018 1613 2203	3.06 1.80 2.50 1.73	7	0616 1240 1845	3.75 0.90 3.34	22	0506 1140 1750 2347	3.51 1.17 3.07 1.24
8	0446 1103 1654 2315	3.37 1.27 3.30 0.87	23	0528 1143 1736 2336	3.20 1.64 2.82 1.26	8	0006 0645 1310 1906	1.07 3.86 0.97 3.19	23	0630 1254 1857	3.57 1.31 2.99	8	0536 1208 1808	3.60 1.18 3.02	23	0451 1131 1740 2323	3.24 1.56 2.74 1.51	8	0050 0702 1319 1926	1.12 3.86 0.77 3.53	23	0600 1228 1837	3.75 0.88 3.40
9	0553 1212 1803	3.64 1.08 3.28	24	0617 1234 1832	3.43 1.44 2.91	9	0108 0737 1359 1956	0.92 4.07 0.78 3.33	24	0048 0712 1334 1937	1.15 3.82 1.08 3.19	9	0009 0638 1301 1903	1.26 3.83 0.94 3.26	24	0552 1221 1829	3.51 1.28 3.02	9	0130 0741 1354 2000	0.97 3.89 0.69 3.65	24	0041 0648 1311 1920	0.94 3.95 0.62 3.70
10	0015 0649 1212 1904	0.76 3.91 0.89 3.30	25	0026 0659 1317 1917	1.13 3.65 1.26 3.02	10	0158 0821 1442 2039	0.78 4.19 0.67 3.44	25	0133 0752 1414 2015	0.92 4.04 0.87 3.38	10	0106 0727 1345 1946	1.04 4.00 0.77 3.44	25	0022 0640 1304 1910	1.23 3.79 1.00 3.30	10	0205 0813 1425 2031	0.88 3.86 0.66 3.74	25	0129 0732 1352 2002	0.68 4.08 0.41 3.97
11	0110 0740 1404 1958	0.66 4.11 0.73 3.34	26	0109 0737 1357 1957	0.99 3.84 1.09 3.12	11	0240 0900 1521 2117	0.68 4.22 0.62 3.50	26	0215 0830 1452 2053	0.70 4.22 0.68 3.56	11	0150 0806 1422 2023	0.87 4.08 0.67 3.57	26	0109 0722 1345 1949	0.94 4.03 0.74 3.56	11	0237 0843 1454 2101	0.85 3.79 0.66 3.79	26	0215 0815 1432 2044	0.49 4.11 0.27 4.18
12	0200 0827 1453 2046	0.59 4.24 0.62 3.37	27	0149 0815 1435 2034	0.85 4.00 0.94 3.22	12	0317 0937 1557 2154	0.65 4.19 0.63 3.53	27	0255 0909 1530 2130	0.53 4.33 0.53 3.71	12	0227 0841 1456 2057	0.77 4.09 0.64 3.65	27	0153 0803 1424 2029	0.68 4.21 0.52 3.79	12	0306 0911 1519 2130	0.85 3.70 0.69 3.82	27	0300 0900 1513 2127	0.38 4.05 0.24 4.31
13	0246 0912 1538 2131	0.56 4.29 0.58 3.38	28	0229 0851 1514 2112	0.72 4.13 0.82 3.32	13	0352 1012 1631 2229	0.69 4.10 0.70 3.51	28	0334 0947 1608 2210	0.43 4.37 0.45 3.81	13	0300 0912 1528 2129	0.73 4.04 0.64 3.69	28	0235 0844 1502 2108	0.47 4.31 0.36 3.99	13	0335 0938 1545 2159	0.89 3.57 0.76 3.81	28	0345 0944 1553 2212	0.38 3.88 0.33 4.32
14	0330 0955 1620 2215	0.59 4.25 0.61 3.35	29	0308 0930 1552 2149	0.63 4.22 0.72 3.40	14	0424 1044 1702 2302	0.80 3.94 0.81 3.45	14	0424 1044 1702 2302	0.80 3.94 0.81 3.45	14	0330 0942 1557 2200	0.75 3.94 0.69 3.69	29	0317 0923 1541 2148	0.36 4.30 0.29 4.11	14	0404 1004 1608 2228	0.97 3.40 0.87 3.75	29	0432 1030 1633 2300	0.50 3.63 0.53 4.21
15	0410 1036 1701 2257	0.68 4.14 0.71 3.29	30	0346 1008 1631 2228	0.58 4.25 0.67 3.45	15	0452 1114 1731 2335	0.96 3.75 0.95 3.36	15	0452 1114 1731 2335	0.96 3.75 0.95 3.36	15	0359 1009 1623 2229	0.82 3.80 0.77 3.66	30	0400 1004 1619 2230	0.36 4.17 0.34 4.14	15	0434 1031 1630 2259	1.10 3.20 1.03 3.64	30	0524 1121 1716 2351	0.72 3.32 0.82 4.00
			31	0427 1047 1711 2309	0.60 4.21 0.67 3.46							31	0444 1047 1658 2315	0.50 3.92 0.51 4.06									

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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

Caution: Predictions are of secondary quality

# SOUTH TREES (STORM SURGE) – QUEENSLAND

LAT 23° 51' S LONG 151° 18' E

# 2021

Times and Heights of High and Low Waters

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> 0621 0.97 1218 3.02 SA 1805 1.14		<b>16</b> 0531 1.31 1119 2.75 SU 1659 1.31 2356 3.48		<b>1</b> 0142 3.62 0817 1.11 TU 1417 2.82 2011 1.49		<b>16</b> 0030 3.56 0659 1.19 WE 1258 2.76 1844 1.35		<b>1</b> 0156 3.38 0826 1.09 TH 1436 2.90 2030 1.55		<b>16</b> 0058 3.58 0724 0.94 FR 1335 3.02 1930 1.27		<b>1</b> 0241 2.75 0909 1.28 SU 1553 2.96 2215 1.70		<b>16</b> 0230 2.96 0848 1.04 MO 1536 3.25 2210 1.35	
<b>2</b> 0053 3.76 0730 1.18 SU 1327 2.80 1913 1.43		<b>17</b> 0619 1.43 1208 2.63 MO 1745 1.47		<b>2</b> 0246 3.46 0923 1.13 WE 1530 2.88 2130 1.54		<b>17</b> 0128 3.50 0759 1.17 TH 1406 2.81 1959 1.42		<b>2</b> 0250 3.17 0921 1.14 FR 1543 2.95 2148 1.62		<b>17</b> 0153 3.42 0820 0.94 SA 1444 3.08 2051 1.35		<b>2</b> 0359 2.62 1012 1.28 MO 1705 3.11 2333 1.55		<b>17</b> 0355 2.81 1003 1.05 TU 1700 3.43 2335 1.14	
<b>3</b> 0206 3.56 0851 1.27 MO 1449 2.73 2043 1.58		<b>18</b> 0052 3.37 0721 1.49 TU 1315 2.57 1859 1.60		<b>3</b> 0352 3.36 1025 1.09 TH 1640 3.03 2245 1.49		<b>18</b> 0230 3.46 0902 1.07 FR 1519 2.96 2122 1.38		<b>3</b> 0351 3.03 1017 1.14 SA 1649 3.08 2302 1.56		<b>18</b> 0257 3.26 0923 0.92 SU 1558 3.24 2217 1.30		<b>3</b> 0522 2.62 1112 1.21 TU 1801 3.31		<b>18</b> 0525 2.84 1121 0.97 WE 1811 3.69	
<b>4</b> 0327 3.48 1012 1.20 TU 1616 2.86 2215 1.54		<b>19</b> 0200 3.33 0835 1.44 WE 1440 2.63 2034 1.61		<b>4</b> 0452 3.31 1118 1.01 FR 1737 3.23 2345 1.39		<b>19</b> 0335 3.45 1006 0.92 SA 1630 3.20 2240 1.24		<b>4</b> 0455 2.94 1109 1.09 SU 1745 3.27		<b>19</b> 0408 3.14 1028 0.86 MO 1710 3.47 2334 1.13		<b>4</b> 0028 1.36 0622 2.72 WE 1205 1.11 1845 3.51		<b>19</b> 0041 0.87 0635 2.99 TH 1232 0.82 1908 3.92	
<b>5</b> 0442 3.51 1116 1.06 WE 1726 3.10 2330 1.39		<b>20</b> 0312 3.39 0949 1.27 TH 1601 2.83 2200 1.46		<b>5</b> 0545 3.29 1202 0.93 SA 1823 3.42		<b>20</b> 0439 3.45 1104 0.76 SU 1732 3.49 2347 1.04		<b>5</b> 0000 1.43 0552 2.92 MO 1155 1.02 1831 3.45		<b>20</b> 0522 3.10 1130 0.77 TU 1815 3.73		<b>5</b> 0109 1.17 0707 2.83 TH 1251 0.98 1924 3.67		<b>20</b> 0134 0.64 0730 3.16 FR 1330 0.66 1957 4.08	
<b>6</b> 0541 3.57 1205 0.92 TH 1816 3.34		<b>21</b> 0418 3.52 1052 1.03 FR 1708 3.13 2312 1.23		<b>6</b> 0032 1.27 0629 3.26 SU 1240 0.86 1901 3.58		<b>21</b> 0541 3.45 1159 0.61 MO 1828 3.78		<b>6</b> 0048 1.29 0642 2.94 TU 1236 0.95 1911 3.61		<b>21</b> 0041 0.91 0630 3.12 WE 1232 0.68 1911 3.96		<b>6</b> 0146 1.01 0745 2.93 FR 1332 0.85 2000 3.81		<b>21</b> 0219 0.48 0815 3.30 SA 1416 0.53 2039 4.15	
<b>7</b> 0022 1.23 0628 3.61 FR 1245 0.82 1857 3.52		<b>22</b> 0518 3.65 1146 0.78 SA 1803 3.47		<b>7</b> 0113 1.17 0709 3.23 MO 1313 0.81 1936 3.71		<b>22</b> 0047 0.84 0639 3.44 TU 1250 0.50 1919 4.03		<b>7</b> 0129 1.15 0724 2.96 WE 1314 0.88 1946 3.74		<b>22</b> 0138 0.70 0730 3.18 TH 1330 0.58 2001 4.14		<b>7</b> 0221 0.88 0820 3.03 SA 1411 0.73 2035 3.93		<b>22</b> 0300 0.39 0857 3.39 SU 1459 0.47 2117 4.14	
<b>8</b> 0103 1.11 0707 3.60 SA 1320 0.75 1932 3.65		<b>23</b> 0012 0.97 0613 3.76 SU 1234 0.56 1851 3.78		<b>8</b> 0148 1.08 0745 3.19 TU 1344 0.78 2009 3.80		<b>23</b> 0143 0.66 0734 3.42 WE 1341 0.43 2008 4.21		<b>8</b> 0205 1.04 0802 2.98 TH 1349 0.83 2020 3.82		<b>23</b> 0229 0.53 0822 3.25 FR 1422 0.51 2049 4.23		<b>8</b> 0257 0.76 0855 3.11 SU 1449 0.63 2111 4.01		<b>23</b> 0338 0.38 0935 3.43 MO 1536 0.50 2154 4.04	
<b>9</b> 0140 1.03 0741 3.56 SU 1350 0.72 2004 3.75		<b>24</b> 0105 0.74 0702 3.80 MO 1320 0.39 1937 4.05		<b>9</b> 0223 1.02 0819 3.15 WE 1413 0.77 2040 3.86		<b>24</b> 0235 0.53 0828 3.39 TH 1430 0.41 2057 4.31		<b>9</b> 0241 0.96 0838 2.99 FR 1425 0.79 2054 3.88		<b>24</b> 0316 0.44 0911 3.30 SA 1510 0.48 2134 4.24		<b>9</b> 0333 0.66 0930 3.19 MO 1528 0.56 2147 4.05		<b>24</b> 0414 0.44 1013 3.42 TU 1612 0.60 2228 3.88	
<b>10</b> 0212 0.98 0813 3.49 MO 1418 0.70 2034 3.83		<b>25</b> 0156 0.56 0751 3.78 TU 1403 0.30 2023 4.25		<b>10</b> 0256 0.98 0853 3.09 TH 1443 0.79 2112 3.87		<b>25</b> 0326 0.46 0919 3.34 FR 1518 0.45 2145 4.31		<b>10</b> 0315 0.90 0912 3.00 SA 1500 0.76 2129 3.91		<b>25</b> 0400 0.42 0956 3.31 SU 1554 0.51 2218 4.17		<b>10</b> 0410 0.59 1007 3.26 TU 1605 0.56 2224 4.03		<b>25</b> 0447 0.55 1049 3.37 WE 1645 0.77 2300 3.65	
<b>11</b> 0244 0.95 0843 3.41 TU 1445 0.72 2103 3.87		<b>26</b> 0245 0.46 0840 3.70 WE 1447 0.30 2109 4.36		<b>11</b> 0330 0.97 0926 3.02 FR 1513 0.84 2145 3.85		<b>26</b> 0415 0.47 1010 3.28 SA 1606 0.56 2235 4.23		<b>11</b> 0352 0.86 0947 3.01 SU 1537 0.76 2205 3.92		<b>26</b> 0443 0.48 1040 3.29 MO 1636 0.63 2300 4.01		<b>11</b> 0446 0.57 1046 3.29 WE 1645 0.63 2302 3.93		<b>26</b> 0518 0.70 1126 3.29 TH 1716 0.99 2330 3.38	
<b>12</b> 0314 0.95 0912 3.30 WE 1510 0.77 2132 3.87		<b>27</b> 0334 0.43 0929 3.56 TH 1531 0.38 2157 4.36		<b>12</b> 0405 1.00 0959 2.95 SA 1545 0.91 2219 3.80		<b>27</b> 0504 0.56 1100 3.19 SU 1654 0.73 2325 4.06		<b>12</b> 0429 0.85 1024 3.02 MO 1615 0.79 2244 3.89		<b>27</b> 0524 0.59 1123 3.23 TU 1715 0.82 2340 3.79		<b>12</b> 0525 0.60 1129 3.29 TH 1727 0.77 2343 3.75		<b>27</b> 0547 0.88 1203 3.17 FR 1749 1.24	
<b>13</b> 0345 0.99 0941 3.17 TH 1535 0.86 2203 3.82		<b>28</b> 0424 0.50 1020 3.38 FR 1616 0.56 2247 4.24		<b>13</b> 0442 1.05 1034 2.89 SU 1618 1.01 2258 3.73		<b>28</b> 0553 0.69 1151 3.10 MO 1740 0.94		<b>13</b> 0508 0.85 1103 3.02 TU 1654 0.86 2324 3.82		<b>28</b> 0603 0.75 1205 3.14 WE 1752 1.05		<b>13</b> 0604 0.69 1215 3.26 FR 1813 0.98		<b>28</b> 0001 3.09 0618 1.08 SA 1245 3.05 1831 1.50	
<b>14</b> 0417 1.07 1011 3.03 FR 1600 0.99 2236 3.73		<b>29</b> 0516 0.65 1113 3.19 SA 1704 0.81 2341 4.05		<b>14</b> 0522 1.11 1114 2.83 MO 1657 1.12 2341 3.65		<b>29</b> 0015 3.85 0643 0.85 TU 1242 3.00 1829 1.17		<b>14</b> 0549 0.87 1147 3.01 WE 1738 0.98		<b>29</b> 0018 3.52 0642 0.92 TH 1250 3.04 1831 1.30		<b>14</b> 0028 3.50 0649 0.81 SA 1309 3.22 1911 1.20		<b>29</b> 0038 2.80 0657 1.27 SU 1339 2.94 1937 1.71	
<b>15</b> 0453 1.18 1043 2.88 SA 1628 1.14 2313 3.61		<b>30</b> 0613 0.83 1210 3.00 SU 1757 1.08		<b>15</b> 0607 1.17 1200 2.78 TU 1743 1.24		<b>30</b> 0104 3.61 0733 0.99 WE 1336 2.93 1923 1.39		<b>15</b> 0008 3.72 0633 0.91 TH 1237 3.00 1828 1.12		<b>30</b> 0058 3.25 0723 1.08 FR 1340 2.95 1924 1.54		<b>15</b> 0122 3.22 0742 0.94 SU 1415 3.19 2033 1.37		<b>30</b> 0133 2.53 0757 1.44 MO 1450 2.89 2125 1.78	
		<b>31</b> 0039 3.83 0713 1.00 MO 1311 2.87 1858 1.32						<b>31</b> 0143 2.98 0811 1.21 SA 1440 2.91 2042 1.70						<b>31</b> 0300 2.36 0917 1.50 TU 1615 2.97 2306 1.63	

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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

Caution: Predictions are of secondary quality

# SOUTH TREES (STORM SURGE) – QUEENSLAND

LAT 23° 51' S LONG 151° 18' E

# 2021

Times and Heights of High and Low Waters

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> 0500 2.41 1036 1.42 WE 1727 3.17		<b>16</b> 0535 2.81 1129 1.09 TH 1806 3.70		<b>1</b> 0536 2.55 1111 1.37 FR 1736 3.34		<b>16</b> 0015 0.70 0620 3.21 SA 1221 0.92 1837 3.79		<b>1</b> 0008 0.82 0617 3.20 MO 1217 0.92 1825 3.74		<b>16</b> 0102 0.59 0715 3.62 TU 1321 0.92 1923 3.49		<b>1</b> 0010 0.61 0629 3.61 WE 1240 0.84 1837 3.64		<b>16</b> 0102 0.79 0725 3.72 TH 1339 1.09 1935 3.16	
<b>2</b> 0004 1.39 0604 2.60 TH 1141 1.26 1816 3.41		<b>17</b> 0035 0.76 0635 3.08 FR 1234 0.86 1900 3.90		<b>2</b> 0010 1.14 0616 2.83 SA 1203 1.11 1822 3.60		<b>17</b> 0058 0.54 0702 3.43 SU 1306 0.77 1918 3.83		<b>2</b> 0048 0.56 0659 3.50 TU 1304 0.69 1908 3.87		<b>17</b> 0134 0.55 0748 3.73 WE 1358 0.88 1958 3.41		<b>2</b> 0055 0.42 0715 3.91 TH 1330 0.65 1927 3.64		<b>17</b> 0134 0.76 0759 3.83 FR 1415 1.03 2012 3.12	
<b>3</b> 0045 1.16 0646 2.80 FR 1231 1.05 1857 3.63		<b>18</b> 0121 0.55 0721 3.29 SA 1323 0.68 1943 4.00		<b>3</b> 0048 0.87 0652 3.09 SU 1248 0.85 1902 3.82		<b>18</b> 0134 0.45 0739 3.57 MO 1345 0.69 1953 3.79		<b>3</b> 0129 0.34 0739 3.78 WE 1349 0.50 1951 3.91		<b>18</b> 0203 0.55 0819 3.80 TH 1431 0.87 2030 3.32		<b>3</b> 0139 0.29 0800 4.15 FR 1421 0.51 2015 3.60		<b>18</b> 0204 0.75 0831 3.88 SA 1449 0.99 2046 3.08	
<b>4</b> 0121 0.95 0722 2.99 SA 1314 0.84 1934 3.82		<b>19</b> 0200 0.42 0800 3.44 SU 1403 0.57 2019 4.01		<b>4</b> 0125 0.63 0729 3.34 MO 1330 0.62 1941 3.98		<b>19</b> 0207 0.42 0813 3.65 TU 1418 0.67 2025 3.70		<b>4</b> 0207 0.19 0819 4.00 TH 1435 0.38 2034 3.86		<b>19</b> 0230 0.58 0850 3.83 FR 1503 0.88 2100 3.20		<b>4</b> 0222 0.24 0845 4.30 SA 1511 0.44 2104 3.51		<b>19</b> 0233 0.76 0902 3.90 SU 1522 0.98 2118 3.03	
<b>5</b> 0157 0.75 0757 3.16 SU 1354 0.65 2011 3.98		<b>20</b> 0236 0.37 0836 3.53 MO 1440 0.53 2053 3.95		<b>5</b> 0201 0.41 0805 3.56 TU 1412 0.44 2019 4.07		<b>20</b> 0236 0.43 0844 3.71 WE 1451 0.70 2055 3.58		<b>5</b> 0246 0.14 0901 4.15 FR 1521 0.35 2117 3.73		<b>20</b> 0256 0.64 0920 3.82 SA 1535 0.93 2130 3.07		<b>5</b> 0306 0.28 0932 4.35 SU 1601 0.45 2155 3.39		<b>20</b> 0302 0.80 0934 3.88 MO 1556 1.00 2150 2.98	
<b>6</b> 0232 0.58 0832 3.32 MO 1432 0.50 2047 4.09		<b>21</b> 0309 0.38 0910 3.57 TU 1514 0.56 2124 3.84		<b>6</b> 0238 0.25 0844 3.75 WE 1453 0.33 2058 4.06		<b>21</b> 0303 0.47 0915 3.72 TH 1523 0.76 2124 3.42		<b>6</b> 0326 0.19 0945 4.19 SA 1608 0.42 2204 3.51		<b>21</b> 0320 0.74 0951 3.77 SU 1608 1.01 2200 2.94		<b>6</b> 0352 0.41 1023 4.29 MO 1654 0.54 2247 3.23		<b>21</b> 0332 0.86 1008 3.84 TU 1630 1.04 2222 2.93	
<b>7</b> 0308 0.44 0908 3.45 TU 1512 0.40 2124 4.12		<b>22</b> 0339 0.43 0943 3.58 WE 1546 0.65 2154 3.67		<b>7</b> 0315 0.17 0923 3.88 TH 1535 0.32 2137 3.95		<b>22</b> 0329 0.56 0945 3.70 FR 1553 0.86 2152 3.23		<b>7</b> 0406 0.35 1032 4.13 SU 1659 0.59 2254 3.24		<b>22</b> 0345 0.87 1023 3.68 MO 1643 1.12 2231 2.80		<b>7</b> 0440 0.61 1116 4.15 TU 1748 0.68 2343 3.07		<b>22</b> 0404 0.95 1044 3.77 WE 1708 1.10 2257 2.87	
<b>8</b> 0344 0.35 0945 3.56 WE 1551 0.38 2200 4.06		<b>23</b> 0408 0.53 1015 3.54 TH 1616 0.80 2222 3.45		<b>8</b> 0352 0.20 1003 3.94 FR 1618 0.41 2218 3.73		<b>23</b> 0352 0.70 1015 3.63 SA 1625 1.00 2219 3.03		<b>8</b> 0449 0.61 1125 3.96 MO 1755 0.80 2349 2.96		<b>23</b> 0411 1.03 1100 3.55 TU 1721 1.24 2306 2.67		<b>8</b> 0532 0.87 1215 3.95 WE 1845 0.84		<b>23</b> 0438 1.06 1124 3.69 TH 1748 1.16 2338 2.82	
<b>9</b> 0420 0.33 1025 3.61 TH 1631 0.47 2239 3.90		<b>24</b> 0433 0.68 1047 3.46 FR 1646 0.98 2249 3.20		<b>9</b> 0429 0.33 1047 3.89 SA 1704 0.61 2302 3.42		<b>24</b> 0414 0.86 1046 3.51 SU 1658 1.17 2246 2.81		<b>9</b> 0538 0.92 1227 3.75 TU 1900 1.00		<b>24</b> 0441 1.20 1143 3.42 WE 1805 1.36 2349 2.55		<b>9</b> 0042 2.93 0630 1.12 TH 1315 3.75 1946 0.97		<b>24</b> 0518 1.19 1208 3.60 FR 1833 1.21	
<b>10</b> 0457 0.42 1107 3.60 FR 1714 0.66 2320 3.63		<b>25</b> 0456 0.86 1121 3.34 SA 1718 1.20 2316 2.93		<b>10</b> 0507 0.57 1136 3.76 SU 1757 0.88 2353 3.06		<b>25</b> 0434 1.06 1123 3.36 MO 1735 1.35 2317 2.60		<b>10</b> 0056 2.74 0644 1.21 WE 1338 3.57 2017 1.11		<b>25</b> 0522 1.38 1235 3.31 TH 1901 1.44		<b>10</b> 0145 2.86 0739 1.33 FR 1418 3.57 2050 1.04		<b>25</b> 0027 2.77 0608 1.34 SA 1259 3.51 1926 1.23	
<b>11</b> 0534 0.58 1153 3.52 SA 1801 0.91		<b>26</b> 0518 1.07 1159 3.19 SU 1757 1.43 2347 2.65		<b>11</b> 0550 0.87 1234 3.57 MO 1902 1.14		<b>26</b> 0459 1.27 1207 3.20 TU 1823 1.53		<b>11</b> 0215 2.65 0810 1.39 TH 1456 3.49 2138 1.07		<b>26</b> 0051 2.47 0627 1.55 FR 1338 3.25 2010 1.43		<b>11</b> 0257 2.87 0857 1.45 SA 1521 3.43 2155 1.04		<b>26</b> 0128 2.76 0715 1.47 SU 1356 3.43 2025 1.19	
<b>12</b> 0005 3.29 0616 0.81 SU 1247 3.40 1902 1.19		<b>27</b> 0545 1.30 1246 3.03 MO 1851 1.65		<b>12</b> 0057 2.73 0650 1.18 TU 1349 3.40 2031 1.27		<b>27</b> 0002 2.40 0537 1.50 WE 1307 3.06 1934 1.64		<b>12</b> 0342 2.75 0941 1.38 FR 1610 3.50 2247 0.93		<b>27</b> 0212 2.48 0803 1.61 SA 1445 3.28 2123 1.31		<b>12</b> 0410 2.99 1015 1.45 SU 1624 3.33 2254 0.99		<b>27</b> 0240 2.84 0839 1.52 MO 1458 3.38 2130 1.10	
<b>13</b> 0101 2.94 0709 1.05 MO 1358 3.29 2030 1.37		<b>28</b> 0035 2.40 0634 1.53 TU 1353 2.92 2023 1.76		<b>13</b> 0225 2.55 0821 1.37 WE 1518 3.37 2208 1.17		<b>28</b> 0121 2.27 0705 1.68 TH 1423 3.02 2109 1.59		<b>13</b> 0457 2.99 1058 1.25 SA 1713 3.54 2342 0.78		<b>28</b> 0336 2.65 0933 1.51 SU 1550 3.37 2227 1.09		<b>13</b> 0515 3.19 1121 1.38 MO 1721 3.26 2344 0.91		<b>28</b> 0356 3.03 1004 1.44 TU 1602 3.35 2232 0.95	
<b>14</b> 0220 2.67 0827 1.23 TU 1527 3.28 2215 1.30		<b>29</b> 0205 2.23 0815 1.67 WE 1518 2.93 2220 1.65		<b>14</b> 0408 2.63 1002 1.34 TH 1643 3.49 2323 0.93		<b>29</b> 0310 2.31 0904 1.67 FR 1540 3.13 2229 1.39		<b>14</b> 0552 3.25 1156 1.10 SU 1803 3.57		<b>29</b> 0445 2.93 1045 1.31 MO 1649 3.48 2321 0.84		<b>14</b> 0605 3.40 1215 1.28 TU 1812 3.22		<b>29</b> 0504 3.32 1117 1.26 WE 1708 3.33 2330 0.79	
<b>15</b> 0405 2.61 1000 1.24 WE 1657 3.45 2337 1.04		<b>30</b> 0424 2.29 0959 1.59 TH 1639 3.10 2327 1.41		<b>15</b> 0526 2.92 1124 1.14 FR 1747 3.67		<b>30</b> 0442 2.55 1028 1.46 SA 1645 3.33 2323 1.11		<b>15</b> 0025 0.66 0636 3.46 MO 1242 0.98 1846 3.55		<b>30</b> 0541 3.27 1145 1.07 TU 1745 3.58		<b>15</b> 0026 0.84 0648 3.58 WE 1300 1.18 1856 3.19		<b>30</b> 0603 3.64 1221 1.04 TH 1812 3.34	
				<b>31</b> 0534 2.87 1127 1.19 SU 1738 3.56								<b>31</b> 0024 0.64 0657 3.94 FR 1318 0.83 1911 3.37			

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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

Caution: Predictions are of secondary quality