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SOUTH TREES (STORM SURGE) – QUEENSLAND

LAT 23° 51' S LONG 151° 18' E

Times and Heights of High and Low Waters

2020

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0043 2.81		16 0102 3.25		1 0132 2.94		16 0247 3.34		1 0042 3.17		16 0218 3.41		1 0215 3.20		16 0440 3.37	
0605 1.46		0700 1.07		0714 1.72		0915 1.50		0631 1.62		0859 1.53		0847 1.71		1120 1.27	
WE 1300 3.33		TH 1326 3.77		SA 1339 3.02		SU 1507 3.03		SU 1240 2.96		MO 1448 2.79		WE 1441 2.59		TH 1725 2.92	
1934 1.32		1949 0.92		2013 1.46		☉ 2119 1.31		1859 1.49		☉ 2045 1.55		☉ 2052 1.66		2327 1.55	
2 0136 2.75		17 0207 3.21		2 0241 2.92		17 0415 3.36		2 0140 3.08		17 0348 3.34		2 0343 3.28		17 0543 3.49	
0705 1.65		0811 1.28		0843 1.85		1048 1.47		0742 1.80		1037 1.48		1023 1.54		1210 1.10	
TH 1350 3.18		FR 1427 3.52		SU 1443 2.86		MO 1637 2.91		MO 1342 2.75		TU 1630 2.75		TH 1629 2.73		FR 1816 3.16	
2030 1.37		☉ 2050 1.01		☉ 2120 1.47		2245 1.34		2008 1.61		2229 1.59		2225 1.50			
3 0242 2.75		18 0321 3.24		3 0400 3.02		18 0536 3.53		3 0259 3.07		18 0515 3.46		3 0500 3.53		18 0021 1.36	
0830 1.77		0935 1.38		1017 1.79		1204 1.28		0926 1.82		1151 1.28		1136 1.24		0630 3.60	
FR 1449 3.06		SA 1534 3.31		MO 1602 2.79		TU 1759 2.99		TU 1512 2.65		WE 1750 2.94		FR 1745 3.03		SA 1249 0.96	
☉ 2132 1.35		2158 1.05		2228 1.39				☉ 2134 1.59		2355 1.43		2341 1.22		1857 3.37	
4 0358 2.86		19 0440 3.37		4 0511 3.25		19 0004 1.24		4 0424 3.22		19 0617 3.65		4 0602 3.82		19 0100 1.20	
0959 1.75		1059 1.34		1130 1.59		0638 3.74		1057 1.63		1242 1.08		1231 0.91		0708 3.67	
SA 1554 2.99		SU 1649 3.18		TU 1723 2.85		WE 1300 1.08		WE 1653 2.74		TH 1844 3.17		SA 1839 3.36		SU 1322 0.86	
2230 1.26		2307 1.03		2330 1.23		1857 3.14		2254 1.43						1930 3.52	
5 0503 3.07		20 0550 3.59		5 0608 3.53		20 0101 1.10		5 0535 3.50		20 0048 1.24		5 0041 0.90		20 0134 1.07	
1108 1.61		1209 1.19		1228 1.34		0725 3.90		1203 1.34		0703 3.79		0654 4.08		0741 3.69	
SU 1700 2.99		MO 1800 3.16		WE 1827 3.00		TH 1344 0.92		TH 1807 2.97		FR 1321 0.93		SU 1319 0.62		MO 1352 0.78	
2323 1.12						1942 3.28				1924 3.36		1925 3.66		2001 3.63	
6 0555 3.33		21 0011 0.95		6 0026 1.03		21 0145 0.97		6 0003 1.18		21 0129 1.08		6 0131 0.61		21 0204 0.98	
1203 1.43		0647 3.81		0656 3.82		0804 3.99		0631 3.82		0742 3.87		0740 4.27		0810 3.68	
MO 1759 3.04		TU 1306 1.02		TH 1318 1.09		FR 1421 0.83		FR 1258 1.03		SA 1356 0.83		MO 1402 0.39		TU 1419 0.73	
		1900 3.20		1918 3.18		2020 3.39		1900 3.24		1959 3.49		2009 3.92		2030 3.73	
7 0009 0.97		22 0105 0.87		7 0117 0.82		22 0221 0.88		7 0100 0.89		22 0202 0.97		7 0218 0.39		22 0233 0.91	
0639 3.59		0735 3.97		0742 4.08		0839 4.02		0720 4.11		0814 3.90		0824 4.35		0838 3.64	
TU 1251 1.23		WE 1355 0.88		FR 1404 0.85		SA 1455 0.78		SA 1345 0.75		SU 1427 0.78		TU 1444 0.24		WE 1446 0.70	
1849 3.12		1949 3.25		2004 3.35		2054 3.45		1947 3.50		2030 3.57		2051 4.12		2058 3.80	
8 0053 0.83		23 0151 0.80		8 0205 0.61		23 0253 0.83		8 0150 0.61		23 0231 0.89		8 0303 0.27		23 0303 0.88	
0720 3.83		0817 4.06		0825 4.30		0910 4.01		0805 4.34		0843 3.89		0907 4.32		0906 3.57	
WE 1336 1.04		TH 1437 0.80		SA 1449 0.64		SU 1526 0.77		SU 1429 0.50		MO 1455 0.75		WE 1524 0.19		TH 1513 0.71	
1935 3.20		2031 3.30		2049 3.51		2125 3.49		2030 3.73		2059 3.64		☉ 2134 4.24		☉ 2127 3.84	
9 0136 0.69		24 0230 0.76		9 0250 0.44		24 0320 0.81		9 0236 0.38		24 0258 0.85		9 0347 0.28		24 0334 0.90	
0800 4.03		0855 4.09		0908 4.45		0938 3.97		0848 4.49		0909 3.85		0951 4.17		0935 3.46	
TH 1420 0.87		FR 1515 0.76		SU 1532 0.48		MO 1555 0.79		MO 1511 0.33		TU 1521 0.74		TH 1604 0.27		FR 1540 0.77	
2019 3.27		2110 3.32		☉ 2132 3.65		☉ 2154 3.51		2114 3.92		☉ 2126 3.68		2217 4.26		2158 3.84	
10 0218 0.58		25 0306 0.76		10 0335 0.34		25 0346 0.83		10 0320 0.25		25 0325 0.84		10 0433 0.43		25 0407 0.96	
0842 4.19		0930 4.07		0952 4.51		1004 3.89		0931 4.52		0934 3.78		1035 3.90		1004 3.31	
FR 1504 0.73		SA 1552 0.78		MO 1615 0.40		TU 1622 0.83		TU 1552 0.25		WE 1547 0.76		FR 1644 0.47		SA 1607 0.88	
2102 3.34		☉ 2146 3.32		2215 3.73		2222 3.50		☉ 2156 4.04		2153 3.70		2303 4.15		2230 3.78	
11 0300 0.51		26 0338 0.80		11 0418 0.34		26 0414 0.90		11 0404 0.25		26 0353 0.88		11 0520 0.68		26 0441 1.08	
0923 4.29		1002 4.00		1036 4.47		1030 3.78		1015 4.42		1000 3.66		1122 3.55		1034 3.14	
SA 1548 0.64		SU 1625 0.83		TU 1658 0.41		WE 1648 0.90		WE 1632 0.28		TH 1613 0.83		SA 1723 0.77		SU 1633 1.03	
☉ 2145 3.38		2219 3.30		2300 3.75		2251 3.47		2240 4.06		2223 3.69		2351 3.95		2305 3.69	
12 0344 0.48		27 0406 0.87		12 0503 0.46		27 0442 1.02		12 0448 0.39		27 0423 0.98		12 0613 1.00		27 0518 1.22	
1007 4.33		1033 3.90		1121 4.30		1059 3.63		0848 4.19		1028 3.50		1213 3.18		1108 2.97	
SU 1632 0.59		MO 1657 0.91		WE 1741 0.51		TH 1716 1.02		TH 1713 0.44		FR 1639 0.94		SU 1803 1.11		MO 1702 1.19	
2230 3.40		2251 3.25		2347 3.69		2323 3.39		2325 3.99		2254 3.62				2345 3.56	
13 0428 0.53		28 0432 0.97		13 0550 0.69		28 0512 1.19		13 0534 0.65		28 0455 1.13		13 0046 3.69		28 0603 1.37	
1053 4.30		1103 3.78		1208 4.02		1128 3.42		1144 3.84		1056 3.30		0715 1.29		1151 2.80	
MO 1718 0.61		TU 1727 1.00		TH 1825 0.70		FR 1745 1.17		FR 1753 0.70		SA 1703 1.10		MO 1313 2.86		TU 1741 1.37	
2316 3.37		2323 3.19				2359 3.29				2327 3.52		1855 1.44			
14 0515 0.65		29 0501 1.11		14 0038 3.58		29 0546 1.40		14 0014 3.82		29 0529 1.32		14 0153 3.46		29 0039 3.44	
1141 4.18		1134 3.62		0642 1.00		1200 3.19		0625 1.00		1125 3.09		0839 1.46		0704 1.48	
TU 1805 0.68		WE 1759 1.11		FR 1258 3.68		SA 1815 1.33		SA 1232 3.44		SU 1730 1.27		TU 1430 2.67		WE 1257 2.67	
		2359 3.11		1913 0.93				1836 1.01				2017 1.67		1847 1.54	
15 0006 3.32		30 0534 1.29		15 0136 3.44		30 0149 3.37		15 0109 3.60		30 0006 3.39		15 0315 3.33		30 0149 3.37	
0604 0.84		1209 3.44		0746 1.31		0825 1.49		0730 1.33		0611 1.51		1009 1.43		0825 1.49	
WE 1231 4.00		TH 1833 1.24		SA 1356 3.32		TH 1427 2.64		SU 1330 3.06		MO 1202 2.87		WE 1607 2.70		TH 1427 2.64	
1855 0.80				2009 1.15		2027 1.59		1929 1.32		1803 1.45		☉ 2202 1.71		2027 1.59	
		31 0040 3.02						31 0100 3.26							
		0615 1.51						0714 1.67							
		FR 1248 3.23						TU 1304 2.68							
		1916 1.37						1909 1.62							

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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

2020

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
1 0238 0.55		16 0205 0.41		1 0240 0.52		16 0218 0.11		1 0257 0.55		16 0313 0.17		1 0257 0.66		16 0339 0.48	
0836 3.31		0805 3.48		0843 3.50		0824 3.93		0913 3.73		0932 4.27		0923 3.88		1007 4.25	
TU 1437 0.67		WE 1410 0.34		TH 1445 0.71		FR 1436 0.20		SU 1521 0.83		MO 1557 0.39		TU 1540 0.92		WE 1636 0.59	
2054 3.91		2023 4.26		2054 3.70		2041 4.16		○ 2120 3.30		○ 2152 3.52		2134 3.08		2230 3.24	
2 0311 0.54		17 0245 0.22		2 0306 0.52		17 0258 0.03		2 0323 0.62		17 0355 0.34		2 0327 0.73		17 0423 0.67	
0909 3.35		0847 3.67		0911 3.53		0907 4.08		0943 3.71		1020 4.19		0957 3.84		1056 4.10	
WE 1508 0.67		TH 1455 0.20		FR 1513 0.72		SA 1522 0.18		MO 1553 0.90		TU 1646 0.54		WE 1616 0.97		TH 1725 0.73	
○ 2124 3.85		● 2105 4.31		○ 2120 3.61		● 2124 4.03		2149 3.15		2242 3.27		2208 2.98		2318 3.09	
3 0341 0.57		18 0326 0.11		3 0331 0.56		18 0338 0.07		3 0348 0.74		18 0437 0.60		3 0358 0.84		18 0506 0.90	
0940 3.36		0930 3.81		0939 3.54		0951 4.13		1015 3.65		1111 4.02		1034 3.77		1145 3.90	
TH 1537 0.70		FR 1538 0.15		SA 1541 0.78		SU 1608 0.27		TU 1627 1.01		WE 1740 0.76		TH 1656 1.05		FR 1814 0.90	
2151 3.75		2146 4.24		2145 3.47		2209 3.79		2218 2.98		2334 3.01		2245 2.88			
4 0409 0.62		19 0405 0.10		4 0356 0.64		19 0418 0.23		4 0414 0.90		19 0522 0.91		4 0431 0.98		19 0007 2.95	
1010 3.34		1013 3.88		1009 3.52		1038 4.06		1049 3.55		1206 3.79		1115 3.68		0549 1.15	
FR 1604 0.78		SA 1623 0.24		SU 1611 0.88		MO 1657 0.49		WE 1704 1.15		TH 1838 0.98		FR 1740 1.13		SA 1234 3.68	
2217 3.61		2230 4.04		2213 3.30		2256 3.46		2249 2.80				2328 2.78		1903 1.07	
5 0435 0.71		20 0445 0.22		5 0420 0.76		20 0459 0.51		5 0440 1.07		20 0031 2.78		5 0513 1.14		20 0100 2.83	
1041 3.30		1059 3.84		1040 3.45		1128 3.89		1130 3.42		0615 1.22		1204 3.59		0639 1.39	
SA 1632 0.91		SU 1709 0.46		MO 1642 1.04		TU 1749 0.77		TH 1746 1.30		FR 1307 3.56		SA 1831 1.21		SU 1326 3.47	
2245 3.44		2315 3.72		2239 3.09		2347 3.10		2329 2.64		1943 1.15				1957 1.19	
6 0500 0.83		21 0526 0.45		6 0445 0.93		21 0542 0.85		6 0514 1.26		21 0138 2.64		6 0022 2.70		21 0158 2.76	
1113 3.24		1147 3.72		1114 3.34		1224 3.67		1220 3.30		0726 1.47		0608 1.30		0743 1.58	
SU 1702 1.08		MO 1800 0.77		TU 1716 1.22		WE 1852 1.06		FR 1843 1.42		SA 1414 3.39		SU 1302 3.51		MO 1420 3.29	
2312 3.22				2307 2.86						2054 1.21		1931 1.23		2054 1.25	
7 0528 0.98		22 0002 3.33		7 0508 1.12		22 0047 2.76		7 0028 2.49		22 0255 2.63		7 0131 2.68		22 0307 2.78	
1148 3.14		0609 0.75		1154 3.21		0636 1.19		0613 1.45		0852 1.57		0725 1.40		0902 1.68	
MO 1737 1.29		TU 1243 3.54		WE 1758 1.42		TH 1331 3.45		SA 1327 3.23		SU 1523 3.31		MO 1408 3.48		TU 1519 3.16	
2342 2.98		1900 1.09		2341 2.64		2011 1.24		1957 1.45		○ 2204 1.17		2041 1.16		○ 2154 1.24	
8 0558 1.16		23 0100 2.93		8 0539 1.32		23 0204 2.56		8 0154 2.44		23 0415 2.77		8 0253 2.78		23 0420 2.90	
1231 3.02		0702 1.06		1245 3.08		0759 1.44		0753 1.54		1014 1.53		0852 1.40		1020 1.66	
TU 1820 1.51		WE 1351 3.36		TH 1857 1.58		FR 1451 3.33		SU 1443 3.26		MO 1629 3.30		TU 1515 3.51		WE 1621 3.08	
		2025 1.31				○ 2141 1.24		○ 2121 1.33		2303 1.05		○ 2150 1.01		2250 1.17	
9 0020 2.72		24 0217 2.64		9 0038 2.43		24 0339 2.57		9 0331 2.58		24 0517 3.00		9 0410 3.01		24 0521 3.11	
0638 1.34		0818 1.30		0641 1.51		0937 1.49		0929 1.43		1118 1.41		1013 1.27		1125 1.55	
WE 1328 2.93		TH 1515 3.29		FR 1358 3.01		SA 1613 3.35		MO 1556 3.42		TU 1723 3.32		WE 1620 3.55		TH 1720 3.07	
1928 1.70		○ 2205 1.29		2026 1.63		2257 1.08		2235 1.08		2349 0.93		2253 0.81		2339 1.07	
10 0119 2.50		25 0357 2.58		10 0217 2.34		25 0501 2.79		10 0448 2.88		25 0604 3.23		10 0515 3.32		25 0609 3.33	
0746 1.48		0955 1.35		0829 1.57		1100 1.35		1045 1.19		1207 1.27		1123 1.07		1215 1.41	
TH 1442 2.91		FR 1644 3.38		SA 1521 3.09		SU 1718 3.45		TU 1700 3.62		WE 1809 3.35		TH 1722 3.59		FR 1812 3.08	
○ 2109 1.73		2326 1.09		○ 2204 1.47		2351 0.90		2333 0.78				2348 0.62			
11 0253 2.38		26 0524 2.77		11 0408 2.47		26 0557 3.06		11 0546 3.24		26 0028 0.81		11 0612 3.65		26 0019 0.96	
0915 1.48		1123 1.22		1002 1.41		1159 1.17		1147 0.91		0644 3.42		1223 0.86		0648 3.54	
FR 1603 3.04		SA 1751 3.56		SU 1636 3.32		MO 1809 3.55		WE 1755 3.79		TH 1247 1.15		FR 1819 3.61		SA 1259 1.26	
2245 1.54				2315 1.17						1848 3.35				1856 3.10	
12 0438 2.48		27 0021 0.85		12 0523 2.78		27 0032 0.75		12 0022 0.51		27 0100 0.72		12 0038 0.46		27 0057 0.87	
1031 1.33		0621 3.02		1115 1.14		0639 3.28		0635 3.58		0717 3.59		0701 3.93		0724 3.72	
SA 1714 3.29		SU 1223 1.03		MO 1737 3.61		TU 1242 1.02		TH 1242 0.66		FR 1323 1.05		SA 1317 0.69		SU 1337 1.13	
2348 1.25		1842 3.72				1850 3.60		1845 3.90		1924 3.34		1913 3.59		1936 3.12	
13 0549 2.72		28 0103 0.68		13 0009 0.84		28 0107 0.65		13 0107 0.29		28 0130 0.65		13 0125 0.36		28 0131 0.79	
1138 1.09		0704 3.23		0615 3.12		0715 3.44		0720 3.87		0749 3.72		0748 4.15		0758 3.85	
SU 1809 3.59		MO 1307 0.87		TU 1213 0.83		WE 1318 0.92		FR 1332 0.47		SA 1358 0.97		SU 1409 0.56		MO 1414 1.03	
		1922 3.79		1828 3.87		1925 3.60		1932 3.92		1958 3.30		2003 3.54		2013 3.13	
14 0038 0.95		29 0139 0.58		14 0055 0.54		29 0138 0.58		14 0150 0.15		29 0159 0.62		14 0210 0.33		29 0205 0.74	
0640 2.99		0741 3.36		0700 3.43		0745 3.55		0803 4.10		0819 3.81		0833 4.28		0832 3.95	
MO 1234 0.82		TU 1344 0.77		WE 1303 0.56		TH 1350 0.85		SA 1420 0.35		SU 1430 0.92		MO 1500 0.49		TU 1451 0.95	
1857 3.87		1957 3.80		1914 4.07		1956 3.57		2018 3.87		2030 3.24		2053 3.47		2048 3.14	
15 0123 0.66		30 0211 0.53		15 0137 0.28		30 0205 0.54		15 0231 0.11		30 0228 0.62		15 0255 0.37		30 0240 0.71	
0724 3.25		0813 3.45		0743 3.71		0815 3.64		0847 4.24		0850 3.87		0920 4.31		0907 4.01	
TU 1324 0.56		WE 1415 0.72		TH 1351 0.34		FR 1420 0.81		SU 1508 0.32		MO 1505 0.90		TU 1548 0.50		WE 1529 0.90	
1941 4.10		2027 3.77		1958 4.17		2024 3.51		● 2105 3.73		○ 2102 3.17		● 2142 3.37		○ 2124 3.14	
				31 0231 0.53										31 0315 0.71	
				0844 3.70										0944 4.03	
				SA 1450 0.80										TH 1607 0.88	
				2052 3.42										2200 3.13	

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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