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SOUTH TREES (STORM SURGE) – QUEENSLAND

LAT 23° 51' LONG 151° 18'

Times and Heights of High and Low Waters

2016

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0132 2.82	16	0130 3.32	1	0232 2.90	16	0335 3.42	1	0128 3.04	16	0311 3.45	1	0318 3.17	16	0515 3.52
	0721 1.62		0728 1.21		0854 1.84		1004 1.46		0747 1.80		0950 1.45		1004 1.57		1147 1.11
FR	1344 3.21	SA	1352 3.50	MO	1442 2.87	TU	1608 2.99	TU	1347 2.80	WE	1559 2.88	FR	1558 2.80	SA	1802 3.24
	2006 1.33		2020 0.98	☾	2100 1.50		2222 1.24		1949 1.60	☾	2206 1.44	☾	2152 1.55		
2	0238 2.79	17	0241 3.30	2	0357 2.96	17	0459 3.54	2	0245 3.00	17	0437 3.50	2	0438 3.36	17	0005 1.26
	0842 1.74		0848 1.37		1024 1.77		1130 1.31		0925 1.82		1117 1.30		1115 1.31		0609 3.61
SA	1441 3.06	SU	1501 3.30	TU	1559 2.83	WE	1735 3.06	WE	1507 2.72	TH	1726 3.03	SA	1715 3.05	SU	1232 0.97
☾	2109 1.36	☾	2129 1.02		2213 1.44		2342 1.14	☾	2113 1.61		2330 1.31		2311 1.32		1847 3.44
3	0359 2.87	18	0359 3.38	3	0513 3.17	18	0609 3.75	3	0413 3.11	18	0548 3.66	3	0542 3.62	18	0052 1.11
	1006 1.72		1016 1.37		1132 1.58		1233 1.10		1050 1.65		1217 1.10		1210 1.00		0652 3.68
SU	1547 2.98	MO	1620 3.19	WE	1715 2.90	TH	1839 3.23	TH	1635 2.81	FR	1826 3.26	SU	1812 3.36	MO	1309 0.87
	2213 1.31		2242 0.99		2317 1.29				2233 1.48						1925 3.59
4	0509 3.06	19	0515 3.57	4	0607 3.43	19	0044 0.97	4	0525 3.36	19	0031 1.12	4	0014 1.03	19	0130 1.00
	1114 1.59		1136 1.23		1224 1.35		0702 3.93		1152 1.38		0641 3.81		0634 3.87		0729 3.70
MO	1656 2.99	TU	1738 3.19	TH	1816 3.06	FR	1323 0.91	FR	1747 3.02	SA	1302 0.93	MO	1258 0.71	TU	1341 0.80
	2310 1.19		2351 0.89				1928 3.39		2343 1.25		1912 3.45		1902 3.67		1957 3.69
5	0600 3.30	20	0619 3.81	5	0013 1.09	20	0132 0.82	5	0619 3.65	20	0116 0.96	5	0108 0.74	20	0203 0.92
	1207 1.41		1240 1.03		0651 3.70		0745 4.05		1243 1.09		0723 3.90		0721 4.07		0802 3.69
TU	1755 3.06	WE	1843 3.27	FR	1310 1.11	SA	1403 0.79	SA	1840 3.28	SU	1340 0.82	TU	1343 0.46	WE	1410 0.75
					1905 3.24		2009 3.49				1950 3.57		1947 3.94		2027 3.76
6	0000 1.05	21	0050 0.76	6	0103 0.88	21	0212 0.73	6	0040 0.98	21	0154 0.86	6	0156 0.50	21	0234 0.87
	0640 3.53		0712 4.01		0732 3.94		0822 4.10		0706 3.93		0759 3.93		0806 4.20		0832 3.66
WE	1252 1.22	TH	1333 0.86	SA	1353 0.88	SU	1439 0.73	SU	1328 0.81	MO	1413 0.76	WE	1426 0.27	TH	1436 0.73
	1844 3.15		1935 3.36		1949 3.42		2045 3.56		1927 3.54		2023 3.65		2030 4.17		2055 3.80
7	0043 0.89	22	0139 0.65	7	0149 0.68	22	0247 0.69	7	0130 0.71	22	0227 0.80	7	0243 0.33	22	0304 0.85
	0718 3.74		0757 4.14		0813 4.13		0856 4.09		0749 4.15		0831 3.92		0850 4.23		0902 3.60
TH	1333 1.04	FR	1418 0.74	SU	1434 0.68	MO	1512 0.71	MO	1410 0.57	TU	1443 0.73	TH	1508 0.18	FR	1503 0.73
	1928 3.25		2020 3.43		2032 3.58		2118 3.59		2010 3.77		2054 3.70	☾	2114 4.32	☾	2123 3.82
8	0125 0.75	23	0223 0.59	8	0232 0.50	23	0319 0.69	8	0215 0.48	23	0258 0.78	8	0328 0.26	23	0334 0.87
	0755 3.92		0838 4.20		0853 4.28		0928 4.05		0831 4.31		0901 3.88		0934 4.16		0932 3.51
FR	1413 0.89	SA	1459 0.67	MO	1516 0.52	TU	1543 0.72	TU	1452 0.37	WE	1510 0.72	FR	1550 0.20	SA	1530 0.77
	2009 3.34		2100 3.46		2113 3.72	☾	2149 3.60		2053 3.97	☾	2122 3.73		2159 4.37		2152 3.81
9	0205 0.63	24	0302 0.58	9	0314 0.38	24	0350 0.75	9	0300 0.32	24	0326 0.80	9	0413 0.33	24	0406 0.94
	0832 4.06		0916 4.20		0933 4.36		0958 3.96		0912 4.38		0929 3.81		1020 3.98		1003 3.39
SA	1454 0.75	SU	1537 0.66	TU	1557 0.41	WE	1611 0.77	WE	1533 0.26	TH	1536 0.75	SA	1632 0.34	SU	1557 0.86
	2049 3.42	☾	2138 3.47	☾	2154 3.82		2218 3.57	☾	2136 4.12		2150 3.73		2245 4.31		2223 3.75
10	0245 0.53	25	0338 0.63	10	0357 0.35	25	0418 0.85	10	0343 0.26	25	0355 0.85	10	0501 0.51	25	0439 1.05
	0910 4.16		0952 4.14		1014 4.35		1027 3.83		0954 4.34		0958 3.70		1108 3.70		1035 3.24
SU	1534 0.65	MO	1612 0.71	WE	1638 0.39	TH	1637 0.85	TH	1614 0.25	FR	1602 0.81	SU	1716 0.60	MO	1625 0.99
☾	2129 3.48		2214 3.43		2238 3.86		2247 3.51		2219 4.17		2218 3.70		2334 4.14		2255 3.66
11	0326 0.49	26	0412 0.73	11	0440 0.43	26	0447 0.99	11	0428 0.33	26	0425 0.96	11	0551 0.78	26	0515 1.18
	0950 4.21		1027 4.02		1057 4.23		1056 3.66		1038 4.18		1027 3.54		1200 3.38		1110 3.08
MO	1616 0.59	TU	1645 0.79	TH	1720 0.47	FR	1704 0.96	FR	1656 0.36	SA	1628 0.91	MO	1803 0.91	TU	1655 1.14
	2211 3.51		2249 3.37		2323 3.82		2317 3.42		2304 4.13		2247 3.62				2332 3.54
12	0406 0.50	27	0442 0.88	12	0524 0.61	27	0517 1.18	12	0513 0.53	27	0456 1.11	12	0028 3.90	27	0556 1.33
	1030 4.19		1100 3.87		1142 4.00		1128 3.46		1124 3.90		1058 3.36		0649 1.08		1151 2.93
TU	1657 0.59	WE	1715 0.90	FR	1804 0.63	SA	1732 1.11	SA	1739 0.58	SU	1654 1.06	TU	1259 3.08	WE	1731 1.30
	2254 3.51		2322 3.28				2351 3.31		2353 3.98		2319 3.51		1859 1.23		
13	0449 0.60	28	0512 1.07	13	0012 3.72	28	0551 1.40	13	0602 0.82	28	0529 1.30	13	0131 3.66	28	0019 3.41
	1114 4.10		1132 3.68		0613 0.88		1203 3.22		1214 3.57		1131 3.15		0801 1.30		0650 1.45
WE	1741 0.65	TH	1746 1.03	SA	1231 3.71	SU	1803 1.29	SU	1826 0.87	MO	1722 1.23	WE	1412 2.88	TH	1247 2.81
	2340 3.46		2355 3.18		1852 0.84						2355 3.37		2013 1.47		1825 1.47
14	0535 0.77	29	0543 1.28	14	0107 3.58	29	0032 3.17	14	0047 3.78	29	0611 1.50	14	0244 3.49	29	0120 3.31
	1200 3.94		1207 3.47		0711 1.18		0636 1.63		0659 1.14		1212 2.95		0925 1.37		0800 1.49
TH	1828 0.75	FR	1818 1.17	SU	1329 3.39	MO	1247 2.99	MO	1312 3.22	TU	1757 1.41	TH	1540 2.85	FR	1400 2.77
					1949 1.06		1845 1.46		1921 1.17			☾	2142 1.54		1946 1.56
15	0031 3.39	30	0034 3.06	15	0214 3.45	30	0044 3.23	15	0151 3.57	30	0044 3.23	15	0404 3.45	30	0236 3.30
	0626 0.99		0624 1.51		0829 1.41		0709 1.66		0815 1.39		0709 1.66		1047 1.27		0921 1.38
FR	1252 3.73	SA	1247 3.25	MO	1440 3.12	WE	1309 2.78	TU	1426 2.96	WE	1309 2.78	FR	1702 3.01	SA	1524 2.87
	1920 0.87		1858 1.32	☾	2100 1.21		1854 1.58		2036 1.38		1854 1.58		2305 1.43	☾	2117 1.51
		31	0124 2.95					31	0153 3.14						
			0724 1.73						0834 1.71						
			SU 1338 3.03						TH 1427 2.70						
			1951 1.45						2021 1.65						

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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' LONG 151° 18'

2016

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
1 0354 3.41		16 0525 3.37		1 0530 3.57		16 0028 1.27		1 0012 0.94		16 0041 1.21		1 0155 0.61		16 0136 0.82	
1033 1.16		1150 1.05		1155 0.61		0617 3.16		0612 3.34		0630 2.99		0756 3.31		0731 3.19	
SU 1640 3.11		MO 1814 3.34		WE 1812 3.77		TH 1221 0.95		FR 1225 0.56		SA 1223 0.94		MO 1359 0.50		TU 1326 0.68	
2239 1.31						1859 3.54		1849 3.96		1906 3.59		2017 4.13		1954 3.90	
2 0503 3.58		17 0019 1.27		2 0026 0.85		17 0109 1.13		2 0111 0.74		17 0121 1.04		2 0239 0.51		17 0215 0.63	
1134 0.89		0614 3.41		0628 3.63		0659 3.19		0710 3.38		0713 3.08		0840 3.36		0811 3.34	
MO 1743 3.43		TU 1230 0.95		TH 1247 0.45		FR 1258 0.85		SA 1318 0.46		SU 1305 0.82		TU 1443 0.46		WE 1410 0.51	
2348 1.05		1854 3.51		1903 4.03		1932 3.68		1939 4.14		1942 3.75		2058 4.15		2032 4.04	
3 0601 3.76		18 0100 1.14		3 0121 0.65		18 0146 1.01		3 0203 0.59		18 0200 0.89		3 0319 0.47		18 0255 0.47	
1226 0.62		0654 3.43		0722 3.66		0738 3.22		0802 3.40		0754 3.16		0921 3.38		0851 3.47	
TU 1836 3.75		WE 1304 0.86		FR 1335 0.33		SA 1332 0.77		SU 1408 0.40		MO 1346 0.70		WE 1523 0.48		TH 1452 0.39	
		1929 3.64		1951 4.23		2006 3.78		2027 4.24		2017 3.87		● 2136 4.10		○ 2111 4.12	
4 0045 0.78		19 0137 1.04		4 0212 0.51		19 0221 0.92		4 0251 0.49		19 0238 0.77		4 0357 0.50		19 0334 0.35	
0653 3.90		0731 3.44		0813 3.64		0815 3.23		0851 3.41		0832 3.23		1000 3.37		0932 3.58	
WE 1314 0.41		TH 1334 0.79		SA 1422 0.29		SU 1407 0.72		MO 1455 0.40		TU 1426 0.60		TH 1601 0.57		FR 1534 0.33	
1923 4.03		2000 3.74		2038 4.35		2038 3.86		● 2112 4.27		2053 3.97		2213 3.99		2150 4.13	
5 0137 0.56		20 0210 0.95		5 0301 0.43		20 0257 0.85		5 0336 0.46		20 0317 0.66		5 0432 0.58		20 0414 0.30	
0742 3.96		0805 3.42		0902 3.59		0851 3.23		0937 3.39		0911 3.30		1038 3.31		1014 3.64	
TH 1359 0.26		FR 1403 0.74		SU 1508 0.31		MO 1442 0.68		TU 1539 0.46		WE 1506 0.54		FR 1636 0.72		SA 1616 0.35	
2009 4.26		2029 3.81		● 2125 4.38		○ 2112 3.91		2156 4.22		○ 2131 4.03		2249 3.82		2231 4.05	
6 0226 0.40		21 0242 0.90		6 0349 0.43		21 0333 0.81		6 0420 0.51		21 0355 0.58		6 0506 0.70		21 0454 0.34	
0829 3.96		0837 3.39		0950 3.50		0928 3.23		1022 3.33		0951 3.35		1115 3.22		1058 3.64	
FR 1443 0.19		SA 1433 0.72		MO 1554 0.42		TU 1518 0.68		WE 1622 0.59		TH 1546 0.52		SA 1708 0.91		SU 1700 0.48	
2054 4.40		2059 3.86		2212 4.32		2147 3.92		2239 4.09		2209 4.04		2322 3.61		2314 3.87	
7 0314 0.33		22 0315 0.88		7 0437 0.52		22 0411 0.79		7 0501 0.61		22 0435 0.56		7 0537 0.84		22 0536 0.46	
0916 3.87		0910 3.34		1039 3.37		1006 3.21		1106 3.24		1032 3.37		1151 3.12		1146 3.58	
SA 1527 0.23		SU 1503 0.73		TU 1639 0.61		WE 1555 0.72		TH 1702 0.78		FR 1628 0.56		SU 1741 1.13		MO 1746 0.70	
● 2140 4.44		○ 2131 3.87		2300 4.17		2224 3.90		2320 3.90		2249 3.98		2357 3.38			
8 0401 0.37		23 0349 0.89		8 0524 0.67		23 0451 0.81		8 0542 0.76		23 0516 0.58		8 0609 1.00		23 0000 3.61	
1004 3.71		0944 3.26		1129 3.21		1046 3.18		1149 3.12		1116 3.37		1230 3.00		0623 0.64	
SU 1611 0.38		MO 1534 0.79		WE 1725 0.86		TH 1635 0.79		FR 1741 1.01		SA 1710 0.67		MO 1820 1.36		TU 1238 3.48	
2228 4.37		2203 3.84		2348 3.95		2304 3.84				2332 3.86				1840 0.96	
9 0449 0.52		24 0425 0.95		9 0612 0.85		24 0534 0.85		9 0002 3.68		24 0600 0.65		9 0035 3.13		24 0054 3.30	
1054 3.50		1019 3.18		1220 3.06		1130 3.14		0621 0.93		1204 3.33		0646 1.16		0716 0.84	
MO 1656 0.62		TU 1606 0.88		TH 1812 1.12		FR 1717 0.91		SA 1233 3.01		SU 1758 0.84		TU 1318 2.90		WE 1341 3.38	
2317 4.19		2238 3.77				2348 3.74		1821 1.24				1914 1.58		1949 1.20	
10 0540 0.73		25 0503 1.03		10 0038 3.71		25 0620 0.90		10 0043 3.44		25 0019 3.67		10 0123 2.90		25 0201 3.02	
1146 3.26		1057 3.08		0702 1.03		1220 3.10		0703 1.08		0648 0.74		0736 1.29		0823 1.00	
TU 1744 0.91		WE 1641 1.00		FR 1313 2.93		SA 1807 1.05		SU 1322 2.91		MO 1258 3.28		WE 1420 2.84		TH 1455 3.33	
		2317 3.68		1906 1.36				1911 1.46		1852 1.04		2036 1.71		● 2119 1.30	
11 0010 3.95		26 0546 1.11		11 0130 3.48		26 0039 3.63		11 0128 3.22		26 0113 3.45		11 0225 2.72		26 0326 2.86	
0635 0.97		1141 2.99		0756 1.16		0713 0.94		0750 1.19		0744 0.84		0842 1.36		0941 1.05	
WE 1243 3.03		TH 1722 1.14		SA 1415 2.86		SU 1318 3.08		MO 1420 2.85		TU 1401 3.26		TH 1538 2.88		FR 1618 3.42	
1838 1.21				2011 1.54		1907 1.19		2020 1.62		2002 1.22		● 2209 1.66		2251 1.19	
12 0108 3.70		27 0002 3.58		12 0225 3.29		27 0138 3.50		12 0222 3.02		27 0218 3.24		12 0342 2.64		27 0456 2.89	
0737 1.16		0636 1.19		0855 1.23		0813 0.95		0846 1.26		0848 0.90		0952 1.33		1101 0.97	
TH 1348 2.88		FR 1233 2.91		SU 1524 2.87		MO 1425 3.13		TU 1531 2.87		WE 1514 3.30		FR 1656 3.04		SA 1733 3.61	
1944 1.45		1814 1.28		● 2127 1.60		2022 1.28		● 2142 1.66		● 2128 1.28		2320 1.48			
13 0210 3.50		28 0059 3.49		13 0327 3.17		28 0244 3.39		13 0326 2.90		28 0334 3.09		13 0501 2.71		28 0004 0.96	
0846 1.26		0736 1.21		0957 1.22		0919 0.90		0947 1.25		0958 0.89		1056 1.21		0608 3.05	
FR 1502 2.84		SA 1339 2.90		MO 1636 3.00		TU 1538 3.26		WE 1644 3.00		TH 1630 3.44		SA 1752 3.27		SU 1210 0.82	
2104 1.56		1924 1.39		2240 1.55		● 2145 1.26		2256 1.56		2254 1.18				1833 3.81	
14 0319 3.38		29 0205 3.43		14 0430 3.12		29 0355 3.33		14 0436 2.86		29 0456 3.05		14 0012 1.26		29 0058 0.74	
0957 1.25		0845 1.15		1053 1.15		1025 0.80		1046 1.18		1108 0.82		0602 2.86		0702 3.23	
SA 1621 2.95		SU 1453 2.99		TU 1734 3.18		WE 1649 3.47		TH 1742 3.20		FR 1741 3.65		SU 1152 1.04		MO 1304 0.67	
● 2223 1.53		● 2047 1.39		2340 1.42		2304 1.13		2355 1.40				1836 3.51		1921 3.95	
15 0427 3.34		30 0316 3.44		15 0528 3.13		30 0506 3.32		15 0539 2.91		30 0007 0.98		15 0056 1.03		30 0142 0.58	
1101 1.16		0954 1.00		1141 1.05		1127 0.68		1137 1.07		0608 3.12		0649 3.02		0747 3.35	
SU 1725 3.14		MO 1607 3.19		WE 1820 3.37		TH 1753 3.72		FR 1827 3.40		SA 1214 0.70		MO 1241 0.86		TU 1349 0.56	
2329 1.41		2210 1.27								1841 3.87		1916 3.72		2002 4.01	
		31 0425 3.50								31 0106 0.77				31 0220 0.50	
		1058 0.80								0707 3.22				0825 3.43	
		TU 1714 3.47								SU 1311 0.59				WE 1429 0.51	
		2323 1.08								1932 4.04				2039 4.01	

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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</

