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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

2019

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0557 3.53		16 0453 3.23		1 0049 1.09		16 0624 3.85		1 0609 3.51		16 0458 3.55		1 0050 1.30		16 0028 0.90	
1208 1.16		1104 1.50		0717 3.79		1249 1.02		1232 1.27		1130 1.27		0702 3.67		0638 4.04	
TU 1800 3.27		WE 1659 3.07		FR 1334 1.05		SA 1851 3.26		FR 1830 3.03		SA 1738 3.03		MO 1318 0.98		TU 1302 0.59	
		2321 1.03		1929 3.19						2337 1.17		1923 3.37		1913 3.71	
2 0016 0.86		17 0552 3.54		2 0131 0.99		17 0054 0.79		2 0034 1.32		17 0604 3.85		2 0124 1.13		17 0119 0.65	
0648 3.72		1207 1.26		0756 3.89		0716 4.15		0656 3.68		1233 0.95		0736 3.75		0726 4.16	
WE 1301 1.04		TH 1805 3.16		SA 1413 0.95		SU 1342 0.74		SA 1315 1.10		SU 1840 3.32		TU 1349 0.87		WE 1346 0.41	
		1853 3.26		2008 3.26		1944 3.47		1914 3.20				1955 3.51		1956 3.93	
3 0102 0.80		18 0016 0.84		3 0207 0.92		18 0148 0.55		3 0117 1.16		18 0043 0.87		3 0154 0.99		18 0206 0.48	
0731 3.86		0645 3.85		0830 3.95		0805 4.39		0734 3.81		0700 4.13		0805 3.81		0810 4.19	
TH 1346 0.95		FR 1303 1.00		SU 1447 0.89		MO 1430 0.50		SU 1350 0.97		MO 1325 0.66		WE 1418 0.78		TH 1427 0.31	
		1939 3.25		2044 3.31		2031 3.67		1950 3.33		1930 3.60		2024 3.63		2037 4.09	
4 0143 0.77		19 0109 0.65		4 0237 0.87		19 0237 0.35		4 0151 1.03		19 0135 0.59		4 0224 0.88		19 0249 0.40	
0809 3.94		0733 4.13		0900 3.97		0851 4.55		0807 3.89		0747 4.34		0834 3.82		0851 4.12	
FR 1427 0.88		SA 1356 0.77		MO 1518 0.86		TU 1515 0.34		MO 1422 0.89		TU 1411 0.43		TH 1446 0.71		FR 1506 0.30	
		1955 3.41		2115 3.35		2117 3.82		2022 3.43		2015 3.83		2052 3.73		○ 2117 4.17	
5 0217 0.76		20 0159 0.48		5 0304 0.83		20 0323 0.23		5 0220 0.92		20 0223 0.38		5 0254 0.80		20 0332 0.42	
0845 3.97		0819 4.35		0929 3.96		0936 4.60		0837 3.93		0832 4.45		0903 3.81		0932 3.96	
SA 1504 0.86		SU 1445 0.57		TU 1547 0.86		WE 1559 0.26		TU 1451 0.83		WE 1453 0.29		FR 1516 0.67		SA 1544 0.39	
		2044 3.52		● 2144 3.37		○ 2201 3.90		2052 3.51		2058 4.00		● 2123 3.80		● 2159 4.16	
6 0249 0.77		21 0247 0.35		6 0331 0.82		21 0407 0.24		6 0247 0.84		21 0307 0.27		6 0327 0.78		21 0415 0.55	
0917 3.96		0906 4.50		0956 3.93		1021 4.52		0904 3.94		0915 4.44		0933 3.74		1015 3.73	
SU 1539 0.87		MO 1532 0.42		WE 1617 0.87		TH 1641 0.30		WE 1519 0.79		TH 1533 0.24		SA 1545 0.69		SU 1620 0.58	
		○ 2131 3.61		2213 3.37		2246 3.91		2119 3.57		○ 2141 4.09		2155 3.84		2240 4.06	
7 0317 0.81		22 0334 0.28		7 0400 0.85		22 0452 0.38		7 0315 0.79		22 0350 0.28		7 0400 0.81		22 0458 0.77	
0948 3.92		0953 4.56		1025 3.87		1106 4.31		0930 3.92		0958 4.32		1003 3.63		1057 3.44	
MO 1612 0.90		TU 1618 0.36		TH 1646 0.92		FR 1723 0.45		TH 1547 0.77		FR 1613 0.30		SU 1615 0.76		MO 1653 0.83	
		2219 3.65		2244 3.35		2332 3.82		● 2148 3.60		2223 4.10		2229 3.83		2322 3.87	
8 0344 0.86		23 0421 0.32		8 0430 0.93		23 0537 0.65		8 0345 0.79		23 0433 0.43		8 0435 0.91		23 0542 1.04	
1018 3.85		1041 4.51		1055 3.76		1151 3.99		0959 3.86		1040 4.07		1035 3.46		1140 3.13	
TU 1644 0.96		WE 1705 0.39		FR 1717 0.99		SA 1804 0.69		FR 1616 0.80		SA 1652 0.48		MO 1645 0.89		TU 1723 1.12	
		2307 3.62		2316 3.30				2219 3.61		2306 4.00		2304 3.76			
9 0412 0.94		24 0508 0.46		9 0502 1.07		24 0020 3.66		9 0416 0.86		24 0516 0.69		9 0513 1.06		24 0006 3.63	
1050 3.76		1130 4.35		1127 3.61		0625 0.99		1028 3.75		1122 3.74		1110 3.27		0631 1.31	
WE 1716 1.04		TH 1751 0.51		SA 1750 1.10		SU 1237 3.62		SA 1645 0.87		SU 1729 0.75		TU 1716 1.05		WE 1228 2.85	
		2357 3.54		2354 3.23		1847 0.98		2251 3.58		2350 3.81		2345 3.65		1753 1.40	
10 0444 1.06		25 0557 0.70		10 0538 1.25		25 0113 3.47		10 0448 0.98		25 0602 1.02		10 0557 1.24		25 0057 3.40	
1124 3.65		1219 4.09		1202 3.43		0722 1.34		1058 3.59		1206 3.37		1152 3.05		0733 1.51	
TH 1751 1.13		FR 1839 0.70		SU 1826 1.22		MO 1330 3.24		SU 1715 0.99		MO 1804 1.06		WE 1755 1.24		TH 1327 2.64	
		2345 2.99		1935 1.25		1935 1.25		2326 3.52				2345 3.65		1843 1.66	
11 0518 1.22		26 0049 3.42		11 0037 3.15		26 0215 3.29		11 0523 1.15		26 0038 3.58		11 0037 3.52		26 0201 3.22	
1201 3.51		0650 1.00		0621 1.45		0841 1.59		1130 3.39		0655 1.35		0656 1.41		0854 1.58	
FR 1830 1.23		SA 1311 3.78		MO 1244 3.24		TU 1434 2.93		MO 1745 1.13		TU 1256 3.01		TH 1252 2.84		FR 1446 2.56	
		1930 0.91		1911 1.33		● 2039 1.47				1843 1.37		1855 1.43		2016 1.82	
12 0029 2.92		27 0149 3.30		12 0133 3.09		27 0338 3.22		12 0006 3.43		27 0135 3.35		12 0146 3.42		27 0322 3.15	
0600 1.40		0754 1.30		0724 1.63		1017 1.62		0603 1.34		0808 1.60		0817 1.49		1015 1.51	
SA 1245 3.36		SU 1407 3.46		TU 1340 3.05		WE 1600 2.78		TU 1208 3.17		WE 1400 2.73		FR 1419 2.73		SA 1621 2.67	
		2026 1.10		2013 1.40		2205 1.56		1823 1.29		1940 1.63		2027 1.52		● 2205 1.79	
13 0121 2.86		28 0259 3.23		13 0247 3.10		28 0505 3.32		13 0057 3.32		28 0251 3.20		13 0312 3.44		28 0439 3.22	
0656 1.58		0915 1.48		0858 1.70		1138 1.47		0700 1.54		0944 1.65		0951 1.39		1115 1.35	
SU 1335 3.21		MO 1512 3.18		WE 1456 2.91		TH 1729 2.85		WE 1302 2.95		TH 1530 2.62		SA 1602 2.82		SU 1727 2.89	
		● 2132 1.22		● 2129 1.38		2335 1.48		1920 1.44		● 2117 1.77		● 2200 1.43		2320 1.63	
14 0228 2.87		29 0419 3.27		14 0409 3.25		29 0409 3.25		14 0207 3.26		29 0423 3.21		14 0434 3.60		29 0536 3.34	
0816 1.70		1042 1.49		1031 1.58		1626 2.91		0829 1.64		1109 1.51		1112 1.13		1200 1.17	
MO 1436 3.09		TU 1629 3.03		TH 1626 2.91		2244 1.25		TH 1425 2.79		FR 1706 2.75		SU 1725 3.10		MO 1812 3.13	
		2117 1.32						● 2047 1.50		2303 1.69		2323 1.19			
15 0342 2.99		30 0533 3.43		15 0523 3.52		30 0533 3.36		15 0334 3.32		30 0533 3.36		15 0543 3.84		30 0009 1.43	
0948 1.67		1154 1.37		1147 1.32		1203 1.31		1008 1.54		1203 1.31		1213 0.83		0619 3.46	
TU 1545 3.04		WE 1744 3.02		FR 1747 3.05		2352 1.04		FR 1610 2.81		SA 1806 2.98		MO 1824 3.42		TU 1236 1.01	
		2355 1.19						2216 1.40						1848 3.34	
		31 0631 3.63								31 0007 1.49					
		1249 1.20								0623 3.53					
		TH 1843 3.09								SU 1244 1.13					
										1848 3.20					

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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

Times and Heights of High and Low Waters

2019

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0047 1.24	16	0101 0.76	1	0128 1.00	16	0221 0.73	1	0149 0.86	16	0251 0.75	1	0308 0.40	16	0336 0.69
	0655 3.56		0702 3.85		0729 3.40		0813 3.35		0746 3.24		0844 3.14		0907 3.41		0932 3.21
WE	1309 0.87	TH	1319 0.47	SA	1338 0.64	SU	1416 0.61	MO	1349 0.55	TU	1439 0.75	TH	1510 0.28	FR	1523 0.75
	1920 3.52		1936 3.94		1956 3.88		2042 4.03		2014 4.08		2106 3.92	●	2129 4.40		2145 3.79
2	0122 1.07	17	0149 0.63	2	0209 0.86	17	0303 0.72	2	0235 0.69	17	0328 0.75	2	0354 0.29	17	0404 0.71
	0729 3.61		0746 3.81		0808 3.41		0856 3.27		0832 3.28		0921 3.12		0954 3.49		1002 3.21
TH	1341 0.75	FR	1400 0.42	SU	1415 0.56	MO	1453 0.67	TU	1434 0.47	WE	1512 0.78	FR	1557 0.25	SA	1550 0.78
	1952 3.69		2017 4.07		2034 4.02	○	2120 4.01		2058 4.21	○	2139 3.87		2215 4.40		2212 3.71
3	0156 0.94	18	0233 0.58	3	0250 0.75	18	0345 0.75	3	0321 0.57	18	0402 0.78	3	0439 0.26	18	0433 0.76
	0801 3.63		0830 3.71		0848 3.39		0937 3.18		0919 3.31		0957 3.09		1042 3.52		1032 3.19
FR	1413 0.65	SA	1439 0.44	MO	1452 0.53	TU	1528 0.76	WE	1519 0.43	TH	1541 0.83	SA	1644 0.31	SU	1620 0.85
	2024 3.83		2058 4.13	●	2114 4.12		2158 3.93	●	2142 4.28		2211 3.80		2301 4.29		2241 3.60
4	0231 0.83	19	0316 0.59	4	0332 0.70	19	0423 0.83	4	0408 0.51	19	0435 0.84	4	0525 0.32	19	0502 0.83
	0834 3.62		0911 3.57		0930 3.34		1016 3.08		1006 3.32		1030 3.06		1130 3.49		1105 3.15
SA	1445 0.60	SU	1515 0.53	TU	1531 0.56	WE	1559 0.89	TH	1606 0.46	FR	1609 0.90	SU	1731 0.49	MO	1651 0.98
	2058 3.94	○	2137 4.11		2155 4.15		2234 3.82		2229 4.28		2241 3.71		2350 4.07		2311 3.45
5	0308 0.77	20	0359 0.68	5	0416 0.70	20	0501 0.94	5	0456 0.50	20	0506 0.91	5	0611 0.47	20	0533 0.94
	0909 3.56		0953 3.40		1014 3.26		1055 2.97		1056 3.29		1102 3.01		1223 3.42		1142 3.09
SU	1517 0.60	MO	1551 0.68	WE	1613 0.65	TH	1627 1.03	FR	1654 0.55	SA	1638 0.99	MO	1822 0.75	TU	1726 1.15
●	2132 4.00		2217 4.01		2239 4.11		2310 3.68		2318 4.20		2313 3.59				2343 3.25

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Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

● Last Quarter

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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

2019

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0415 0.10	16	0400 0.63	1	0429 0.21	16	0356 0.62	1	0511 0.89	16	0435 0.85	1	0514 1.19	16	0517 0.88
	1021 3.76		1003 3.41		1043 3.91		1011 3.63		1154 3.63		1112 3.72		1214 3.51		1154 3.91
SU	1628 0.19	MO	1601 0.77	TU	1656 0.45	WE	1618 0.85	FR	1819 1.09	SA	1733 1.04	SU	1846 1.22	MO	1821 0.92
	2239 4.23		2211 3.54		2259 3.66		2215 3.25		2323 2.86						
2	0458 0.20	17	0428 0.70	2	0507 0.46	17	0424 0.75	2	0013 2.76	17	0516 1.04	2	0038 2.66	17	0019 2.96
	1108 3.73		1036 3.38		1130 3.76		1045 3.56		0547 1.21		1202 3.60		0552 1.42		0613 1.06
MO	1714 0.41	TU	1633 0.89	WE	1744 0.76	TH	1655 0.99	SA	1248 3.39	SU	1828 1.15	MO	1305 3.33	TU	1251 3.79
	2325 3.93		2240 3.37		2345 3.28		2247 3.06		1922 1.31				1943 1.34		1919 0.98
3	0541 0.41	18	0455 0.83	3	0546 0.79	18	0452 0.92	3	0113 2.54	18	0020 2.71	3	0137 2.56	18	0124 2.92
	1157 3.61		1110 3.31		1221 3.54		1125 3.46		0640 1.49		0614 1.23		0659 1.62		0720 1.21
TU	1802 0.72	WE	1707 1.06	TH	1839 1.10	FR	1736 1.16	SU	1354 3.21	MO	1305 3.50	TU	1403 3.20	WE	1354 3.68
			2309 3.16				2325 2.85		2039 1.40		1935 1.21		2046 1.37		2023 1.00
4	0012 3.55	19	0524 0.98	4	0037 2.89	19	0526 1.11	4	0231 2.45	19	0137 2.64	4	0250 2.57	19	0239 2.96
	0624 0.68		1149 3.22		0630 1.12		1215 3.34		0817 1.66		0735 1.36		0833 1.72		0839 1.29
WE	1250 3.45	TH	1745 1.25	FR	1321 3.32	SA	1830 1.33	MO	1509 3.13	TU	1418 3.48	WE	1507 3.13	TH	1500 3.59
	1859 1.06		2343 2.94		1950 1.35			○	2200 1.34		2053 1.15	○	2152 1.31	○	2131 0.94
5	0104 3.15	20	0558 1.15	5	0142 2.59	20	0018 2.64	5	0404 2.55	20	0307 2.73	5	0410 2.71	20	0356 3.11
	0714 0.97		1238 3.13		0733 1.40		0618 1.31		0956 1.63		0906 1.33		1000 1.67		1001 1.25
TH	1352 3.28	FR	1838 1.44	SA	1435 3.17	SU	1319 3.25	TU	1622 3.18	WE	1532 3.54	TH	1612 3.13	FR	1607 3.53
	2014 1.34				2124 1.43		1945 1.42		2303 1.19	○	2209 0.98		2248 1.19		2237 0.84
6	0209 2.81	21	0030 2.71	6	0312 2.47	21	0141 2.51	6	0513 2.78	21	0428 2.98	6	0511 2.93	21	0506 3.36
	0817 1.21		0649 1.31		0909 1.54		0750 1.43		1106 1.48		1027 1.16		1104 1.54		1115 1.13
FR	1509 3.19	SA	1343 3.06	SU	1600 3.17	MO	1440 3.26	WE	1719 3.28	TH	1640 3.65	FR	1708 3.17	SA	1713 3.49
○	2148 1.41		1958 1.56	○	2251 1.29	○	2116 1.34		2348 1.02		2314 0.75		2334 1.04		2336 0.73

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