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PATONGA – NEW SOUTH WALES

LAT 33° 33' LONG 151° 16'
Times and Heights of High and Low Waters

2015

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0612 1.59	16	0528 1.46	1	0104 0.47	16	0013 0.44	1	0623 1.49	16	0520 1.57	1	0113 0.56	16	0556 1.71
	1250 0.41		1203 0.53		0735 1.60		0647 1.67		1306 0.46		1203 0.39		0722 1.50		1220 0.23
TH	1842 1.24	FR	1751 1.18	SU	1417 0.35	MO	1329 0.28	SU	1908 1.22	MO	1809 1.31	WE	1345 0.43	TH	1834 1.67
			2341 0.46		2013 1.25		1927 1.34				2355 0.48		1957 1.43		
2	0030 0.40	17	0621 1.56	2	0150 0.44	17	0111 0.35	2	0048 0.54	17	0623 1.67	2	0155 0.50	17	0042 0.30
	0704 1.64		1301 0.42		0818 1.63		0741 1.78		0713 1.53		1300 0.28		0801 1.52		0651 1.74
FR	1346 0.35	SA	1852 1.23	MO	1455 0.32	TU	1419 0.17	MO	1348 0.41	TU	1906 1.43	TH	1418 0.40	FR	1308 0.20
	1938 1.25				2052 1.29		2018 1.44		1951 1.29				2030 1.50		1923 1.78
3	0119 0.40	18	0035 0.41	3	0231 0.42	18	0206 0.26	3	0135 0.49	18	0057 0.37	3	0232 0.45	18	0137 0.22
	0752 1.69		0712 1.67		0857 1.65		0832 1.87		0755 1.56		0718 1.77		0838 1.54		0744 1.73
SA	1434 0.30	SU	1354 0.29	TU	1530 0.29	WE	1507 0.08	TU	1425 0.37	WE	1351 0.18	FR	1449 0.39	SA	1355 0.20
	2027 1.26		1946 1.30		2129 1.33		2108 1.54		2028 1.35		1958 1.56		2103 1.55		2011 1.86
4	0205 0.40	19	0128 0.35	4	0309 0.40	19	0300 0.19	4	0215 0.45	19	0154 0.27	4	0309 0.41	19	0230 0.18
	0836 1.71		0801 1.78		0932 1.66		0922 1.92		0832 1.59		0812 1.83		0914 1.54		0837 1.68
SU	1516 0.27	MO	1443 0.18	WE	1601 0.28	TH	1553 0.03	WE	1458 0.34	TH	1439 0.12	SA	1520 0.38	SU	1440 0.24
	2111 1.28		2037 1.37	○	2202 1.35	●	2156 1.62	○	2101 1.40	●	2046 1.67	○	2135 1.60	●	2058 1.90

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● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

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2015

Local Time

MAY				JUNE				JULY				AUGUST				
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	
1 0028 0.55 0625 1.46 FR 1232 0.46 1855 1.57		16 0030 0.35 0632 1.60 SA 1238 0.30 1900 1.84		1 0123 0.44 0715 1.40 MO 1301 0.46 1933 1.75		16 0208 0.28 0804 1.41 TU 1346 0.41 2016 1.87		1 0143 0.33 0733 1.37 WE 1314 0.41 1948 1.83		16 0235 0.27 0832 1.34 TH 1411 0.43 2038 1.77		1 0249 0.10 0849 1.48 SA 1435 0.25 2100 1.92		16 0315 0.27 0920 1.38 SU 1507 0.40 2124 1.62		
2 0109 0.49 0705 1.47 SA 1307 0.45 1930 1.64		17 0127 0.27 0727 1.58 SU 1325 0.31 1949 1.90		2 0204 0.38 0758 1.41 TU 1341 0.45 2012 1.80		17 0255 0.27 0853 1.39 WE 1431 0.44 2100 1.86		2 0226 0.26 0821 1.40 TH 1400 0.39 2032 1.89		17 0314 0.28 0914 1.34 FR 1451 0.45 2116 1.74		2 0335 0.07 0938 1.53 SU 1528 0.25 2149 1.89		17 0346 0.29 0955 1.39 MO 1545 0.42 2159 1.56		
3 0147 0.44 0744 1.47 SU 1340 0.44 2003 1.70		18 0218 0.23 0819 1.54 MO 1411 0.35 2036 1.92		3 0245 0.34 0842 1.41 WE 1421 0.45 2052 1.84		18 0338 0.28 0939 1.37 TH 1515 0.49 2142 1.81		3 0311 0.21 0909 1.43 FR 1448 0.37 2118 1.91		18 0350 0.30 0952 1.34 SA 1530 0.47 2152 1.69		3 0421 0.08 1029 1.56 MO 1622 0.27 2239 1.81		18 0418 0.32 1030 1.40 TU 1624 0.45 2234 1.49		
4 0226 0.40 0823 1.46 MO 1414 0.44 2039 1.74		19 0309 0.23 0911 1.49 TU 1457 0.41 2122 1.90		4 0329 0.30 0928 1.41 TH 1505 0.46 2135 1.85		19 0420 0.32 1023 1.35 FR 1557 0.53 2221 1.74		4 0357 0.18 0959 1.45 SA 1540 0.38 2206 1.89		19 0425 0.33 1030 1.34 SU 1610 0.51 2228 1.62		4 0509 0.13 1119 1.57 TU 1718 0.32 2330 1.68		19 0450 0.36 1108 1.40 WE 1706 0.49 2312 1.41		
5 0304 0.37 0903 1.45 TU 1449 0.46 2115 1.76		20 0359 0.26 1000 1.43 WE 1541 0.47 2206 1.85		5 0415 0.29 1015 1.41 FR 1553 0.48 2221 1.84		20 0500 0.37 1105 1.32 SA 1639 0.58 2300 1.66		5 0445 0.18 1049 1.47 SU 1633 0.40 2255 1.84		20 0459 0.37 1109 1.34 MO 1651 0.55 2304 1.55		5 0557 0.20 1213 1.56 WE 1818 0.38		20 0525 0.40 1148 1.39 TH 1752 0.54 2353 1.32		
6 0345 0.36 0945 1.42 WE 1527 0.48 2154 1.77		21 0446 0.32 1049 1.37 TH 1625 0.55 2249 1.77		6 0502 0.30 1106 1.40 SA 1644 0.51 2309 1.80		21 0540 0.42 1148 1.31 SU 1723 0.63 2339 1.57		6 0533 0.21 1142 1.48 MO 1730 0.44 2346 1.74		21 0533 0.40 1149 1.34 TU 1735 0.59 2344 1.46		6 0605 1.53 0647 0.29 TH 1310 1.55 1925 0.44		21 0603 0.45 1233 1.38 FR 1845 0.58		
7 0429 0.37 1030 1.39 TH 1608 0.52 2236 1.75		22 0533 0.39 1137 1.32 FR 1710 0.62 2332 1.67		7 0553 0.32 1200 1.40 SU 1739 0.55		22 0619 0.47 1232 1.30 MO 1810 0.68		7 0624 0.25 1237 1.49 TU 1830 0.48		22 0611 0.44 1232 1.34 WE 1824 0.63		7 0126 1.38 0742 0.38 FR 1412 1.54 2039 0.48		22 0040 1.24 0647 0.50 SA 1324 1.37 1946 0.60		
8 0515 0.39 1118 1.36 FR 1655 0.56 2323 1.71		23 0619 0.46 1226 1.28 SA 1757 0.68		8 0647 0.34 1257 1.41 MO 1840 0.58		23 0022 1.49 0701 0.50 TU 1321 1.30 1904 0.72		8 0624 1.63 0716 0.31 WE 1335 1.50 1936 0.52		23 0027 1.37 0652 0.48 TH 1321 1.34 1921 0.67		8 0235 1.26 0841 0.44 SA 1516 1.55 2157 0.48		23 0138 1.16 0740 0.54 SU 1421 1.38 2057 0.59		
9 0607 0.41 1212 1.33 SA 1747 0.61		24 0017 1.57 0706 0.52 SU 1317 1.26 1849 0.74		9 0058 1.66 0743 0.36 TU 1358 1.44 1947 0.60		24 0110 1.41 0747 0.53 WE 1415 1.33 2006 0.74		9 0142 1.50 0811 0.36 TH 1436 1.53 2049 0.54		24 0117 1.29 0739 0.51 FR 1415 1.36 2027 0.68		9 0351 1.20 0944 0.47 SU 1620 1.57 2307 0.44		24 0247 1.12 0842 0.55 MO 1525 1.42 2209 0.53		
10 0015 1.67 0704 0.43 SU 1311 1.33 1849 0.64		25 0106 1.48 0755 0.55 MO 1414 1.27 1950 0.77		10 0200 1.58 0839 0.37 WE 1500 1.50 2100 0.58		25 0205 1.34 0836 0.54 TH 1510 1.37 2115 0.72		10 0250 1.40 0907 0.40 FR 1539 1.58 2205 0.51		25 0217 1.22 0830 0.53 SA 1512 1.40 2138 0.65		10 0500 1.20 1044 0.47 MO 1719 1.60		25 0401 1.14 0946 0.52 TU 1627 1.50 2311 0.43		
11 0114 1.62 0805 0.43 MO 1415 1.35 1959 0.64		26 0201 1.42 0845 0.57 TU 1511 1.31 2058 0.77		11 0309 1.52 0935 0.37 TH 1600 1.58 2214 0.53		26 0308 1.29 0926 0.54 FR 1603 1.43 2222 0.68		11 0400 1.33 1004 0.42 SA 1639 1.64 2315 0.46		26 0325 1.18 0925 0.53 SU 1609 1.46 2245 0.58		11 0005 0.38 0559 1.22 TU 1139 0.45 1812 1.64		26 0505 1.20 1047 0.46 WE 1723 1.61		
12 0220 1.59 0906 0.40 TU 1523 1.42 2114 0.61		27 0303 1.37 0934 0.56 WE 1604 1.37 2205 0.73		12 0415 1.48 1030 0.37 FR 1658 1.67 2322 0.46		27 0410 1.27 1014 0.53 SA 1653 1.50 2322 0.60		12 0507 1.30 1100 0.43 SU 1735 1.69		27 0431 1.19 1020 0.51 MO 1702 1.54 2343 0.48		12 0053 0.33 0648 1.26 WE 1229 0.43 1857 1.67		27 0004 0.31 0600 1.29 TH 1144 0.37 1815 1.72		
13 0330 1.59 1004 0.37 WE 1624 1.52 2226 0.54		28 0403 1.36 1021 0.54 TH 1654 1.44 2305 0.67		13 0518 1.46 1122 0.37 SA 1751 1.75		28 0507 1.28 1100 0.51 SU 1739 1.59		13 0016 0.39 0608 1.30 MO 1153 0.42 1827 1.74		28 0530 1.23 1113 0.46 TU 1752 1.64		13 0134 0.29 0731 1.30 TH 1313 0.40 1938 1.68		28 0052 0.19 0651 1.39 FR 1237 0.28 1904 1.82		
14 0435 1.60 1059 0.33 TH 1719 1.64 2331 0.44		29 0457 1.36 1105 0.52 FR 1737 1.52 2357 0.59		14 0617 1.45 1212 0.38 SU 1842 1.82		29 0013 0.51 0559 1.30 MO 1145 0.48 1822 1.67		14 0108 0.33 0701 1.32 TU 1242 0.42 1915 1.77		29 0032 0.37 0623 1.29 WE 1203 0.40 1840 1.75		14 0211 0.27 0810 1.34 FR 1353 0.39 2015 1.67		29 0138 0.09 0739 1.49 SA 1330 0.20 1953 1.88		
15 0535 1.61 1149 0.30 FR 1811 1.75		30 0545 1.37 1145 0.50 SA 1817 1.60		15 0117 0.31 0713 1.43 MO 1300 0.39 1930 1.86		30 0059 0.42 0646 1.33 TU 1229 0.44 1905 1.76		15 0154 0.29 0748 1.33 WE 1328 0.42 1958 1.78		30 0119 0.26 0713 1.35 TH 1253 0.34 1926 1.84		15 0244 0.27 0845 1.36 SA 1430 0.39 2050 1.65		30 0223 0.03 0827 1.58 SU 1422 0.15 2042 1.88		
		31 0042 0.52 0630 1.39 SU 1224 0.48 1855 1.68								31 0204 0.17 0800 1.42 FR 1344 0.29 2013 1.90			31 0308 0.02 0915 1.64 MO 1515 0.13 2132 1.83			

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● New Moon

◐ First Quarter

○ Full Moon

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2015

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SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0354 0.05 1004 1.67 TU 1610 0.16 2223 1.72		16 0339 0.32 WE 0956 1.49 1602 0.37 2208 1.43		1 0411 0.18 1030 1.77 TH 1655 0.15 2300 1.47		16 0435 0.38 FR 1100 1.59 1725 0.34 2327 1.32		1 0040 1.29 0621 0.46 SU 1245 1.65 1932 0.31		16 0530 0.48 1159 1.63 MO 1840 0.32		1 0108 1.24 0643 0.56 TU 1301 1.55 1948 0.38		16 0030 1.32 0609 0.46 WE 1230 1.68 1914 0.25	
2 0440 0.12 1055 1.67 WE 1707 0.21 2315 1.58		17 0411 0.36 TH 1031 1.49 1643 0.40 2246 1.36		2 0459 0.28 1121 1.71 FR 1753 0.24 2357 1.34		17 0511 0.43 1138 1.57 SA 1808 0.37		2 0137 1.22 0715 0.55 MO 1337 1.54 2030 0.39		17 0045 1.25 0620 0.52 TU 1246 1.59 1932 0.34		2 0200 1.21 0735 0.62 WE 1348 1.44 2036 0.43		17 0123 1.33 0705 0.50 TH 1322 1.60 2005 0.28	
3 0528 0.22 1147 1.64 TH 1807 0.30		18 0444 0.40 FR 1110 1.47 1727 0.45 2328 1.28		3 0548 0.40 1215 1.63 SA 1856 0.33		18 0010 1.26 0551 0.48 SU 1220 1.53 1856 0.41		3 0240 1.17 0814 0.62 TU 1434 1.44 2129 0.44		18 0141 1.24 0717 0.56 WE 1341 1.54 2030 0.35		3 0257 1.21 0833 0.67 TH 1441 1.35 2125 0.47		18 0220 1.35 0808 0.52 FR 1420 1.52 2100 0.30	
4 0011 1.42 0617 0.33 FR 1243 1.59 1913 0.38		19 0521 0.46 1152 1.44 SA 1816 0.49		4 0058 1.22 0744 0.50 SU 1412 1.53 2104 0.41		19 0059 1.21 0637 0.53 MO 1308 1.49 1951 0.43		4 0345 1.17 0921 0.66 WE 1538 1.36 2225 0.46		19 0243 1.25 0823 0.57 TH 1442 1.50 2130 0.34		4 0354 1.24 0939 0.68 FR 1541 1.28 2215 0.48		19 0322 1.39 0917 0.53 SA 1525 1.44 2158 0.31	
5 0112 1.28 0713 0.43 SA 1344 1.54 2026 0.44		20 0015 1.20 0605 0.51 SU 1240 1.41 1915 0.52		5 0308 1.15 0847 0.57 MO 1517 1.46 2213 0.44		20 0156 1.17 0734 0.58 TU 1404 1.46 2055 0.43		5 0446 1.21 1030 0.65 TH 1641 1.33 2315 0.46		20 0348 1.31 0935 0.55 FR 1550 1.48 2230 0.30		5 0449 1.29 1047 0.66 SA 1643 1.25 2304 0.47		20 0425 1.47 1032 0.49 SU 1635 1.39 2255 0.31	
6 0224 1.17 0815 0.50 SU 1451 1.50 2141 0.45		21 0112 1.14 0700 0.56 MO 1338 1.40 2023 0.52		6 0421 1.14 0958 0.60 TU 1626 1.41 2314 0.44		21 0301 1.17 0842 0.59 WE 1510 1.45 2201 0.40		6 0539 1.27 1132 0.61 FR 1738 1.33		21 0451 1.41 1048 0.49 SA 1659 1.48 2326 0.26		6 0539 1.36 1150 0.61 SU 1742 1.24 2350 0.45		21 0525 1.56 1145 0.42 MO 1745 1.36 2351 0.31	
7 0341 1.14 0924 0.54 MO 1559 1.49 2248 0.43		22 0221 1.12 0806 0.57 TU 1445 1.42 2134 0.46		7 0526 1.18 1106 0.59 WE 1728 1.41		22 0413 1.22 0956 0.56 TH 1620 1.48 2303 0.33		7 0000 0.43 0624 1.35 SA 1228 0.54 1827 1.34		22 0548 1.52 1158 0.40 SU 1802 1.50		7 0624 1.43 1245 0.53 MO 1833 1.25		22 0621 1.66 1253 0.33 TU 1848 1.36	
8 0449 1.16 1029 0.53 TU 1700 1.50 2343 0.39		23 0336 1.15 0918 0.54 WE 1553 1.48 2238 0.37		8 0006 0.42 0617 1.24 TH 1205 0.54 1820 1.42		23 0517 1.32 1106 0.48 FR 1727 1.54 2359 0.24		8 0040 0.40 0703 1.43 SU 1315 0.47 1911 1.36		23 0018 0.22 0641 1.65 MO 1300 0.29 1901 1.51		8 0032 0.43 0705 1.51 TU 1333 0.45 1921 1.27		23 0045 0.30 0715 1.74 WE 1353 0.25 1948 1.36	
9 0545 1.21 1126 0.49 WE 1751 1.53		24 0443 1.24 1026 0.46 TH 1655 1.58 2332 0.26		9 0048 0.39 0700 1.31 FR 1255 0.48 1905 1.44		24 0613 1.45 1212 0.37 SA 1826 1.61		9 0116 0.38 0740 1.50 MO 1357 0.41 1952 1.37		24 0109 0.20 0731 1.76 TU 1359 0.19 1959 1.51		9 0112 0.41 0744 1.58 WE 1415 0.38 2005 1.29		24 0136 0.29 0806 1.81 TH 1446 0.18 2043 1.37	
10 0028 0.35 0629 1.27 TH 1215 0.44 1835 1.55		25 0538 1.36 1127 0.36 FR 1750 1.68		10 0126 0.35 0739 1.39 SA 1338 0.42 1945 1.46		25 0050 0.17 0704 1.58 SU 1311 0.25 1921 1.65		10 0150 0.36 0815 1.56 TU 1435 0.35 2030 1.38		25 0158 0.20 0821 1.84 WE 1453 0.12 2053 1.48		10 0149 0.40 0821 1.65 TH 1455 0.32 2046 1.31		25 0226 0.30 0856 1.85 FR 1535 0.14 2133 1.36	
11 0104 0.31 0708 1.33 FR 1257 0.40 1914 1.57		26 0022 0.15 0628 1.48 SA 1223 0.25 1842 1.76		11 0200 0.32 0814 1.45 SU 1417 0.38 2021 1.47		26 0138 0.12 0753 1.70 MO 1407 0.15 2014 1.66		11 0224 0.36 0848 1.62 WE 1513 0.31 2109 1.37		26 0245 0.22 0911 1.88 TH 1545 0.09 2146 1.45		11 0227 0.39 0859 1.70 FR 1534 0.26 2129 1.32		26 0314 0.32 0943 1.85 SA 1621 0.14 2221 1.35	
12 0138 0.29 0744 1.38 SA 1335 0.37 1949 1.57		27 0109 0.07 0716 1.60 SU 1317 0.15 1933 1.80		12 0230 0.31 0845 1.50 MO 1454 0.34 2057 1.47		27 0225 0.10 0841 1.80 TU 1501 0.09 2107 1.64		12 0257 0.36 0923 1.66 TH 1551 0.28 2148 1.36		27 0332 0.27 0959 1.89 FR 1636 0.10 2238 1.40		12 0305 0.38 0937 1.74 SA 1614 0.23 2211 1.33		27 0400 0.36 1027 1.81 SU 1705 0.17 2306 1.33	
13 0209 0.27 0816 1.42 SU 1412 0.35 2023 1.56		28 0154 0.03 0803 1.70 MO 1411 0.09 2024 1.78		13 0301 0.31 0918 1.55 TU 1530 0.31 2132 1.45		28 0311 0.12 0930 1.86 WE 1555 0.06 2200 1.57		13 0330 0.38 0959 1.68 FR 1630 0.27 2229 1.33		28 0419 0.33 1045 1.85 SA 1725 0.15 2328 1.34		13 0346 0.38 1017 1.76 SU 1655 0.21 2254 1.33		28 0444 0.40 1108 1.75 MO 1745 0.23 2349 1.31	
14 0239 0.27 0849 1.45 MO 1448 0.34 2058 1.53		29 0240 0.04 0852 1.76 TU 1504 0.07 2115 1.71		14 0331 0.32 0951 1.58 WE 1607 0.31 2209 1.42		29 0357 0.18 1018 1.87 TH 1647 0.08 2253 1.49		14 0407 0.40 1036 1.68 SA 1710 0.28 2310 1.30		29 0506 0.40 1131 1.77 SU 1814 0.22		14 0430 0.40 1100 1.76 MO 1738 0.21 2341 1.33		29 0527 0.46 1148 1.66 TU 1825 0.29	
15 0309 0.29 0922 1.48 TU 1525 0.35 2132 1.49		30 0325 0.09 0941 1.79 WE 1559 0.09 2207 1.60		15 0402 0.35 1025 1.59 TH 1645 0.31 2246 1.37		30 0444 0.26 1107 1.83 FR 1741 0.14 2345 1.39		15 0446 0.44 1115 1.67 SU 1753 0.30 2356 1.27		30 0017 1.29 0554 0.48 MO 1216 1.67 1900 0.30		15 0517 0.43 1144 1.73 TU 1825 0.23		30 0032 1.28 0611 0.52 WE 1227 1.56 1903 0.35	
				31 0531 0.36 1156 1.76 SA 1836 0.22									31 0115 1.26 0657 0.58 TH 1307 1.46 1943 0.41		

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