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PATONGA – NEW SOUTH WALES

LAT 33° 33' S LONG 151° 16' E

Times and Heights of High and Low Waters

2021

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0403 0.44		16 0502 0.42		1 0526 0.35		16 0009 1.39		1 0426 0.26		16 0500 0.42		1 0602 0.24		16 0457 0.47	
1037 1.76		1130 1.73		1146 1.76		0601 0.48		1044 1.82		1109 1.50		1208 1.52		1059 1.29	
FR 1718 0.23		SA 1809 0.24		MO 1818 0.19		TU 1213 1.47		MO 1708 0.14		TU 1715 0.40		TH 1801 0.37		FR 1633 0.59	
2318 1.25						1830 0.40		2316 1.59		2330 1.52				2303 1.60	
2 0448 0.44		17 0010 1.28		2 0027 1.43		17 0046 1.38		2 0516 0.26		17 0537 0.45		2 0027 1.78		17 0541 0.52	
1118 1.75		0546 0.47		0618 0.38		0645 0.54		1130 1.73		1144 1.41		0703 0.30		1142 1.22	
SA 1800 0.24		SU 1209 1.63		TU 1232 1.66		WE 1249 1.36		TU 1748 0.19		WE 1744 0.46		FR 1304 1.37		SA 1710 0.66	
		1846 0.32		1901 0.24		1902 0.46						1848 0.49		2344 1.55	
3 0003 1.26		18 0052 1.27		3 0116 1.45		18 0126 1.37		3 0001 1.62		18 0003 1.51		3 0120 1.72		18 0630 0.56	
0536 0.46		0630 0.53		0715 0.42		0732 0.59		0610 0.29		0618 0.50		0811 0.37		1230 1.16	
SU 1202 1.71		MO 1247 1.51		WE 1322 1.54		TH 1330 1.25		WE 1218 1.61		TH 1220 1.32		SA 1408 1.25		SU 1754 0.72	
1845 0.25		1923 0.38		1945 0.31		1938 0.53		1830 0.28		1813 0.52		1944 0.60			
4 0051 1.27		19 0135 1.27		4 0209 1.47		19 0212 1.36		4 0050 1.62		19 0040 1.49		4 0222 1.64		19 0032 1.50	
0628 0.49		0718 0.59		0817 0.47		0830 0.64		0707 0.35		0703 0.55		0826 0.43		0730 0.59	
MO 1249 1.65		TU 1327 1.39		TH 1418 1.39		FR 1420 1.15		TH 1311 1.46		FR 1301 1.23		SU 1427 1.18		MO 1330 1.13	
1931 0.27		2000 0.44		2035 0.38		2023 0.59		1915 0.38		1847 0.59		● 1953 0.68		1852 0.76	
5 0144 1.30		20 0222 1.27		5 0308 1.49		20 0305 1.35		5 0143 1.60		20 0122 1.46		5 0234 1.58		20 0131 1.46	
0725 0.52		0812 0.65		0930 0.49		0940 0.66		0813 0.41		0756 0.59		0941 0.45		0836 0.59	
TU 1340 1.57		WE 1411 1.28		FR 1525 1.26		SA 1527 1.08		FR 1410 1.30		SA 1351 1.15		MO 1550 1.18		TU 1444 1.13	
2020 0.30		2041 0.49		● 2131 0.45		● 2120 0.64		2004 0.49		1930 0.66		2115 0.70		● 2006 0.78	
6 0240 1.34		21 0314 1.29		6 0413 1.52		21 0408 1.36		6 0242 1.57		21 0212 1.42		6 0351 1.56		21 0242 1.46	
0830 0.54		0915 0.68		1053 0.48		1059 0.63		0929 0.46		0900 0.63		1047 0.44		0942 0.55	
WE 1437 1.47		TH 1506 1.18		SA 1645 1.18		SU 1650 1.05		SA 1523 1.18		SU 1454 1.08		TU 1659 1.23		WE 1558 1.19	
● 2112 0.32		● 2128 0.53		2237 0.49		2228 0.66		● 2107 0.57		2028 0.72		2231 0.66		2123 0.74	
7 0340 1.40		22 0409 1.32		7 0520 1.58		22 0514 1.40		7 0352 1.55		22 0315 1.39		7 0458 1.57		22 0351 1.51	
0941 0.53		1028 0.67		1212 0.41		1211 0.57		1051 0.46		1015 0.62		1142 0.41		1039 0.48	
TH 1543 1.38		FR 1614 1.11		SU 1805 1.17		MO 1806 1.08		SU 1650 1.13		MO 1616 1.07		WE 1752 1.31		TH 1655 1.29	
2206 0.35		2221 0.56		2344 0.49		2334 0.64		2223 0.62		● 2144 0.74		2334 0.60		2230 0.66	
8 0441 1.49		23 0505 1.37		8 0625 1.64		23 0613 1.47		8 0507 1.56		23 0427 1.41		8 0553 1.58		23 0450 1.59	
1059 0.49		1143 0.63		1318 0.33		1306 0.48		1206 0.42		1127 0.58		1227 0.39		1128 0.39	
FR 1654 1.31		SA 1727 1.09		MO 1914 1.20		TU 1904 1.14		MO 1810 1.16		TU 1736 1.11		TH 1835 1.39		FR 1743 1.41	
2303 0.36		2316 0.56						2339 0.60		2300 0.71				2330 0.54	
9 0540 1.59		24 0559 1.43		9 0046 0.47		24 0031 0.58		9 0615 1.60		24 0534 1.47		9 0026 0.53		24 0543 1.67	
1214 0.41		1246 0.55		0723 1.71		0704 1.56		1308 0.36		1226 0.49		0639 1.59		1212 0.31	
SA 1806 1.27		SU 1832 1.10		TU 1414 0.25		WE 1352 0.39		TU 1911 1.23		WE 1833 1.20		FR 1304 0.37		SA 1827 1.55	
				2010 1.25		1950 1.22						1914 1.47			
10 0000 0.37		25 0009 0.55		10 0143 0.43		25 0121 0.50		10 0045 0.54		25 0003 0.63		10 0110 0.48		25 0024 0.42	
0637 1.69		0647 1.51		0815 1.76		0750 1.66		0713 1.65		0630 1.57		0719 1.59		0633 1.72	
SU 1321 0.30		MO 1337 0.46		WE 1501 0.20		TH 1432 0.29		WE 1357 0.31		TH 1313 0.39		SA 1338 0.37		SU 1254 0.25	
1913 1.27		1927 1.14		2057 1.31		2030 1.30		1959 1.31		1919 1.30		1948 1.53		1910 1.69	
11 0055 0.37		26 0057 0.52		11 0233 0.39		26 0207 0.42		11 0138 0.47		26 0058 0.52		11 0149 0.44		26 0116 0.31	
0732 1.77		0733 1.58		0903 1.79		0833 1.75		0802 1.68		0718 1.67		0757 1.56		0723 1.74	
MO 1420 0.21		TU 1420 0.38		TH 1544 0.18		FR 1511 0.22		TH 1439 0.28		FR 1355 0.30		SU 1408 0.38		MO 1336 0.22	
2013 1.28		2013 1.19		2140 1.35		2111 1.39		2040 1.38		2001 1.42		2020 1.58		1954 1.81	
12 0149 0.36		27 0142 0.48		12 0319 0.37		27 0252 0.34		12 0225 0.42		27 0146 0.42		12 0226 0.43		27 0209 0.23	
0825 1.84		0815 1.66		0946 1.78		0916 1.82		0845 1.69		0804 1.76		0831 1.52		0814 1.71	
TU 1513 0.14		WE 1500 0.30		FR 1622 0.19		SA 1549 0.16		FR 1515 0.27		SA 1435 0.22		MO 1436 0.40		TU 1419 0.24	
2107 1.30		2054 1.23		● 2219 1.37		○ 2151 1.47		2117 1.43		2042 1.54		● 2051 1.61		○ 2040 1.90	
13 0241 0.36		28 0225 0.43		13 0401 0.37		28 0338 0.29		13 0306 0.39		28 0234 0.32		13 0302 0.42		28 0303 0.18	
0915 1.87		0857 1.73		1027 1.74		1000 1.84		0925 1.68		0850 1.81		0906 1.48		0907 1.64	
WE 1601 0.12		TH 1539 0.24		SA 1657 0.23		SU 1629 0.13		SA 1548 0.28		SU 1515 0.17		TU 1504 0.43		WE 1503 0.29	
● 2157 1.31		2134 1.28		2257 1.38		2232 1.54		● 2152 1.47		2123 1.65		2122 1.64		2127 1.95	
14 0330 0.36		29 0307 0.39		14 0442 0.39		29 0324 0.24		14 0345 0.38		29 0324 0.24		14 0339 0.42		29 0359 0.17	
1003 1.86		0938 1.79		1103 1.66		0936 1.81		1000 1.64		0936 1.81		0942 1.42		1002 1.54	
TH 1646 0.13		FR 1617 0.19		SU 1730 0.28		MO 1555 0.16		SU 1619 0.31		MO 1555 0.16		WE 1532 0.48		TH 1549 0.37	
2244 1.31		○ 2215 1.33		2333 1.39		○ 2206 1.73		2225 1.50		○ 2206 1.73		2154 1.64		2215 1.94	
15 0416 0.39		30 0351 0.36		15 0521 0.43		30 0415 0.20		15 0422 0.39		30 0415 0.20		15 0416 0.44		30 0456 0.21	
1047 1.81		1020 1.82		1138 1.57		1025 1.75		1035 1.58		1025 1.75		1019 1.36		1059 1.43	
FR 1730 0.18		SA 1657 0.16		MO 1800 0.34		TU 1635 0.19		MO 1647 0.35		TU 1635 0.19		TH 1601 0.53		FR 1637 0.47	
2328 1.30		2257 1.37				2250 1.79		2257 1.52		2250 1.79		2227 1.63		2307 1.89	
		31 0437 0.34				31 0507 0.20				31 0507 0.20					
		1102 1.81				1115 1.65				1115 1.65					
		SU 1737 0.16				WE 1717 0.27				WE 1717 0.27					
		2341 1.40				2337 1.81				2337 1.81					

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

PATONGA – NEW SOUTH WALES

LAT 33° 33' S LONG 151° 16' E

Times and Heights of High and Low Waters

2021

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0558 0.28		16 0522 0.49		1 0041 1.70		16 0636 0.44		1 0100 1.52		16 0010 1.60		1 0153 1.19		16 0148 1.27	
1159 1.33		1124 1.22		0743 0.40		1243 1.25		0746 0.46		0649 0.35		0808 0.54		0753 0.43	
SA 1730 0.57		SU 1645 0.67		TU 1351 1.27		WE 1811 0.67		TH 1402 1.31		FR 1307 1.38		SU 1449 1.37		MO 1433 1.53	
		2318 1.63		1916 0.70				1944 0.70		1855 0.57		2116 0.68		2114 0.48	
2 0002 1.79		17 0610 0.52		2 0142 1.58		17 0034 1.61		2 0152 1.39		17 0103 1.51		2 0259 1.11		17 0304 1.18	
0703 0.35		1213 1.20		0838 0.46		0726 0.44		0830 0.50		0737 0.37		0859 0.57		0856 0.48	
SU 1305 1.25		MO 1731 0.72		WE 1452 1.29		TH 1339 1.29		FR 1456 1.35		SA 1402 1.43		MO 1545 1.40		TU 1541 1.58	
1830 0.66				2025 0.73		1913 0.68		2050 0.72		2002 0.58		2230 0.63		2234 0.41	
3 0103 1.69		18 0005 1.58		3 0245 1.48		18 0130 1.56		3 0249 1.30		18 0204 1.41		3 0411 1.08		18 0427 1.16	
0812 0.41		0703 0.54		0928 0.49		0817 0.42		0914 0.53		0828 0.39		0954 0.59		1004 0.48	
MO 1419 1.22		TU 1308 1.18		TH 1547 1.34		FR 1437 1.36		SA 1546 1.39		SU 1500 1.51		TU 1639 1.45		WE 1648 1.64	
1940 0.72		1829 0.75		2134 0.73		2021 0.66		2200 0.71		2118 0.54		2331 0.56		2344 0.32	
4 0214 1.60		19 0100 1.55		4 0344 1.42		19 0232 1.52		4 0348 1.23		19 0314 1.34		4 0515 1.10		19 0538 1.19	
0916 0.45		0801 0.53		1013 0.51		0908 0.40		0957 0.54		0922 0.41		1047 0.58		1111 0.46	
TU 1530 1.25		WE 1412 1.21		FR 1637 1.41		SA 1534 1.46		SU 1635 1.45		MO 1600 1.60		WE 1730 1.51		TH 1750 1.72	
2057 0.73		1936 0.76		2240 0.70		2133 0.61		2304 0.66		2235 0.47					
5 0325 1.54		20 0202 1.53		5 0438 1.37		20 0337 1.49		5 0446 1.20		20 0426 1.29		5 0022 0.48		20 0042 0.23	
1015 0.47		0859 0.49		1053 0.51		0959 0.37		1041 0.55		1020 0.41		0610 1.13		0637 1.25	
WE 1630 1.30		TH 1515 1.27		SA 1722 1.48		SU 1630 1.58		MO 1720 1.52		TU 1700 1.70		TH 1138 0.55		FR 1211 0.41	
2210 0.71		2048 0.72		2336 0.65		2245 0.51		2346 0.36		2346 0.36		1816 1.58		1845 1.79	
6 0428 1.51		21 0309 1.55		6 0527 1.35		21 0442 1.47		6 0000 0.59		21 0536 1.28		6 0104 0.40		21 0131 0.16	
1103 0.47		0952 0.44		1130 0.51		1049 0.36		0541 1.20		1118 0.41		0656 1.18		0728 1.31	
TH 1720 1.38		FR 1613 1.38		SU 1801 1.55		MO 1722 1.71		TU 1123 0.54		WE 1759 1.79		FR 1223 0.51		SA 1305 0.36	
2312 0.65		2159 0.65				2351 0.40		1803 1.58				1859 1.65		1935 1.82	
7 0520 1.49		22 0412 1.58		7 0025 0.58		22 0544 1.45		7 0045 0.51		22 0048 0.26		7 0143 0.33		22 0216 0.13	
1145 0.46		1042 0.37		0612 1.33		1140 0.35		0630 1.21		0640 1.30		0736 1.22		0814 1.36	
FR 1802 1.46		SA 1704 1.52		MO 1206 0.51		TU 1815 1.83		WE 1204 0.54		TH 1215 0.39		SA 1306 0.46		SU 1354 0.32	
		2303 0.54		1838 1.61				1843 1.64		1854 1.87		1939 1.71		2021 1.82	
8 0004 0.60		23 0509 1.61		8 0107 0.52		23 0052 0.29		8 0127 0.44		23 0144 0.17		8 0220 0.27		23 0258 0.14	
0606 1.48		1129 0.32		0655 1.32		0645 1.43		0715 1.22		0737 1.32		0815 1.27		0857 1.39	
SA 1220 0.45		SU 1752 1.66		TU 1240 0.51		WE 1231 0.35		TH 1245 0.53		FR 1311 0.38		SU 1347 0.42		MO 1441 0.32	
1840 1.53				1914 1.67		1907 1.93		1922 1.69		1947 1.92		2018 1.76		2104 1.77	
9 0049 0.54		24 0004 0.42		9 0146 0.47		24 0150 0.20		9 0205 0.39		24 0234 0.13		9 0257 0.23		24 0335 0.17	
0646 1.46		0604 1.62		0736 1.31		0745 1.41		0757 1.24		0830 1.34		0854 1.31		0937 1.41	
SU 1253 0.45		MO 1214 0.29		WE 1315 0.52		TH 1323 0.37		FR 1325 0.51		SA 1403 0.37		MO 1430 0.39		TU 1524 0.34	
1915 1.60		1839 1.80		1948 1.71		2000 1.99		2000 1.73		2038 1.93		2058 1.78		2144 1.69	
10 0129 0.50		25 0101 0.31		10 0224 0.43		25 0245 0.15		10 0244 0.35		25 0322 0.13		10 0333 0.21		25 0410 0.23	
0725 1.44		0700 1.60		0816 1.30		0842 1.39		0837 1.25		0919 1.35		0934 1.35		1016 1.42	
MO 1323 0.46		TU 1300 0.29		TH 1349 0.54		FR 1415 0.39		SA 1404 0.50		SU 1455 0.37		TU 1514 0.37		WE 1607 0.38	
1946 1.65		1928 1.91		2023 1.74		2051 2.00		2040 1.76		2125 1.89		2138 1.78		2221 1.58	
11 0206 0.46		26 0158 0.22		11 0302 0.40		26 0339 0.14		11 0321 0.32		26 0407 0.16		11 0412 0.20		26 0443 0.30	
0802 1.41		0756 1.56		0858 1.29		0937 1.37		0917 1.27		1007 1.35		1015 1.39		1055 1.42	
TU 1353 0.48		WE 1346 0.32		FR 1425 0.55		SA 1509 0.43		SU 1445 0.50		MO 1544 0.40		WE 1600 0.37		TH 1649 0.44	
2018 1.69		2016 1.99		2100 1.75		2143 1.97		2118 1.77		2211 1.81		2219 1.73		2258 1.45	
12 0243 0.44		27 0254 0.17		12 0341 0.40		27 0431 0.17		12 0400 0.31		27 0450 0.22		12 0450 0.21		27 0515 0.37	
0840 1.38		0853 1.50		0939 1.27		1031 1.34		0959 1.28		1052 1.35		1100 1.43		1132 1.41	
WE 1423 0.51		TH 1435 0.37		SA 1503 0.57		SU 1601 0.47		MO 1528 0.50		TU 1631 0.45		TH 1649 0.39		FR 1734 0.51	
2050 1.72		2107 2.02		2138 1.75		2232 1.90		2159 1.76		2253 1.70		2303 1.65		2335 1.33	
13 0320 0.43		28 0350 0.16		13 0420 0.40		28 0523 0.24		13 0440 0.31		28 0530 0.30		13 0530 0.25		28 0545 0.44	
0918 1.34		0950 1.43		1020 1.26		1124 1.32		1042 1.29		1137 1.34		1146 1.46		1213 1.39	
TH 1454 0.54		FR 1526 0.43		SU 1544 0.60		MO 1655 0.53		TU 1613 0.51		WE 1718 0.51		FR 1744 0.43		SA 1823 0.56	
2124 1.72		2159 1.99		2217 1.73		2322 1.78		2240 1.73		2334 1.56		2351 1.53			
14 0358 0.43		29 0447 0.19		14 0503 0.42		29 0613 0.31		14 0521 0.32		29 0608 0.37		14 0613 0.30		29 0017 1.21	
0959 1.30		1048 1.37		1104 1.24		1216 1.30		1127 1.31		1221 1.34		1236 1.48		0621 0.51	
FR 1528 0.58		SA 1618 0.51		MO 1627 0.62		TU 1748 0.59		WE 1701 0.53		TH 1807 0.58		SA 1844 0.46		SU 1257 1.38	
2159 1.71		2251 1.92		2259 1.69				2323 1.68					1920 0.61		
15 0438 0.45		30 0545 0.26		15 0548 0.44		30 0011 1.65		15 0604 0.33		30 0015 1.42		15 0045 1.40		30 0109 1.11	
1040 1.26		1146 1.31		1151 1.24		0700 0.39		1215 1.34		0645 0.44		0700 0.37		0705 0.57	
SA 1603 0.63		SU 1714 0.58		TU 1715 0.65		WE 1309 1.30		TH 1755 0.55		FR 1307 1.34		SU 1331 1.50		MO 1349 1.36	
2237 1.68		2345 1.82		2344 1.65		1844 0.65				1901 0.64		1953 0.49		2030 0.62	
		31 0645 0.33						31 0100 1.29						31 0215 1.04	
		1248 1.28						0724 0.50						0802 0.62	
		MO 1813 0.65						SA 1356 1.35						TU 1450 1.36	
								2003 0.68						2149 0.60	

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○ Full Moon

◑ Last Quarter

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LAT 33° 33' S LONG 151° 16' E

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2021

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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 0339 1.02		16 0433 1.13		1 0422 1.06		16 0012 0.31		1 0005 0.34		16 0058 0.35		1 0000 0.29		16 0049 0.45	
0910 0.64		1001 0.54		0944 0.66		0621 1.26		0621 1.32		0718 1.49		0626 1.54		0724 1.55	
WE 1557 1.39		TH 1640 1.59		FR 1617 1.40		SA 1203 0.51		MO 1208 0.51		TU 1332 0.44		WE 1239 0.40		TH 1400 0.45	
2258 0.54		2335 0.29		2310 0.44		1824 1.54		1820 1.52		1930 1.37		1837 1.45		1946 1.20	
2 0453 1.05		17 0537 1.20		2 0516 1.14		17 0059 0.28		2 0046 0.26		17 0132 0.36		2 0045 0.25		17 0125 0.45	
1016 0.62		1110 0.48		1045 0.58		0708 1.35		0702 1.45		0755 1.55		0712 1.68		0800 1.60	
TH 1657 1.45		FR 1742 1.64		SA 1713 1.49		SU 1300 0.44		TU 1301 0.39		WE 1415 0.40		TH 1337 0.28		FR 1440 0.39	
2352 0.45				2354 0.35		1914 1.55		1909 1.57		2010 1.34		1932 1.45		2029 1.20	
3 0548 1.11		18 0027 0.23		3 0700 1.24		18 0139 0.26		3 0127 0.20		18 0203 0.37		3 0130 0.24		18 0200 0.46	
1115 0.56		0628 1.28		1238 0.49		0748 1.43		0744 1.59		0830 1.60		0800 1.81		0836 1.64	
FR 1747 1.53		SA 1208 0.41		SU 1900 1.58		MO 1347 0.38		WE 1353 0.27		TH 1455 0.36		FR 1433 0.16		SA 1517 0.34	
		1833 1.68				1957 1.54		1957 1.60		2048 1.31		2029 1.44		2109 1.20	
4 0034 0.37		19 0110 0.19		4 0133 0.26		19 0214 0.26		4 0206 0.17		19 0233 0.39		4 0216 0.25		19 0236 0.47	
0632 1.19		0712 1.36		0739 1.35		0825 1.50		0826 1.72		0902 1.64		0848 1.90		0912 1.67	
SA 1203 0.49		SU 1259 0.35		MO 1326 0.39		TU 1430 0.34		TH 1444 0.18		FR 1532 0.33		SA 1529 0.08		SU 1554 0.31	
1832 1.61		1919 1.69		1943 1.65		2036 1.50		2045 1.58		○ 2127 1.28		● 2126 1.41		○ 2148 1.21	
5 0113 0.29		20 0149 0.18		5 0210 0.19		20 0245 0.28		5 0247 0.17		20 0304 0.42		5 0305 0.28		20 0313 0.48	
0711 1.26		0752 1.42		0817 1.46		0900 1.55		0910 1.82		0934 1.66		0939 1.96		0948 1.69	
SU 1247 0.41		MO 1344 0.31		TU 1412 0.29		WE 1510 0.32		FR 1536 0.11		SA 1609 0.31		SU 1623 0.04		MO 1630 0.30	
1914 1.69		2000 1.67		2025 1.70		2113 1.45		● 2137 1.53		2205 1.25		2222 1.36		2227 1.20	
6 0149 0.21		21 0224 0.19		6 0246 0.14		21 0315 0.31		6 0330 0.21		21 0336 0.45		6 0357 0.32		21 0350 0.49	
0748 1.34		0830 1.47		0857 1.57		0932 1.59		0957 1.88		1008 1.67		1030 1.96		1026 1.69	
MO 1330 0.34		TU 1426 0.30		WE 1459 0.21		TH 1548 0.32		SA 1630 0.08		SU 1646 0.32		MO 1719 0.05		TU 1708 0.30	
1953 1.75		○ 2039 1.62		● 2108 1.70		○ 2149 1.40		2231 1.45		2245 1.22		2319 1.32		2306 1.20	
7 0224 0.16		22 0257 0.22		7 0324 0.12		22 0343 0.35		7 0416 0.27		22 0411 0.49		7 0450 0.38		22 0430 0.51	
0827 1.42		0905 1.50		0937 1.66		1004 1.60		1045 1.89		1044 1.65		1124 1.91		1103 1.67	
TU 1414 0.28		WE 1505 0.31		TH 1546 0.16		FR 1626 0.32		SU 1726 0.09		MO 1725 0.34		TU 1815 0.10		WE 1746 0.32	
● 2033 1.77		2115 1.54		2154 1.66		2225 1.33		2328 1.36		2325 1.18				2346 1.19	
8 0300 0.13		23 0327 0.27		8 0403 0.14		23 0411 0.40		8 0505 0.36		23 0447 0.54		8 0016 1.27		23 0511 0.53	
0906 1.49		0940 1.51		1020 1.73		1037 1.61		1137 1.86		1121 1.62		0546 0.44		1142 1.64	
WE 1500 0.25		TH 1545 0.34		FR 1638 0.14		SA 1703 0.34		MO 1825 0.14		TU 1805 0.37		WE 1217 1.82		TH 1827 0.34	
2115 1.75		2151 1.45		2244 1.57		2303 1.27						1913 0.17			
9 0338 0.13		24 0355 0.33		9 0444 0.20		24 0442 0.45		9 0027 1.27		24 0008 1.15		9 0116 1.24		24 0030 1.18	
0948 1.55		1014 1.51		1106 1.76		1111 1.59		0559 0.45		0528 0.58		0645 0.51		0555 0.56	
TH 1548 0.24		FR 1624 0.39		SA 1731 0.16		SU 1743 0.38		TU 1231 1.78		WE 1202 1.57		TH 1313 1.70		FR 1223 1.59	
2200 1.67		2227 1.35		2335 1.45		2343 1.20		1929 0.21		1850 0.41		2010 0.26		1909 0.36	
10 0416 0.17		25 0424 0.40		10 0528 0.29		25 0514 0.52		10 0131 1.20		25 0054 1.12		10 0218 1.23		25 0116 1.19	
1031 1.59		1048 1.50		1155 1.75		1147 1.55		0659 0.54		0614 0.63		0748 0.57		0645 0.59	
FR 1640 0.26		SA 1706 0.43		SU 1830 0.21		MO 1826 0.42		WE 1331 1.68		TH 1246 1.52		FR 1411 1.57		SA 1307 1.54	
2246 1.56		2305 1.25						2036 0.28		1940 0.44		2106 0.33		1954 0.37	
11 0457 0.24		26 0454 0.47		11 0031 1.32		26 0027 1.14		11 0245 1.16		26 0147 1.11		11 0321 1.24		26 0208 1.21	
1118 1.61		1125 1.47		0615 0.40		0552 0.58		0808 0.60		0708 0.66		0856 0.61		0741 0.61	
SA 1735 0.31		SU 1751 0.48		MO 1247 1.70		TU 1228 1.50		TH 1438 1.57		FR 1336 1.47		SA 1512 1.45		SU 1356 1.48	
2338 1.42		2347 1.16		1935 0.28		1915 0.47		● 2143 0.33		2034 0.45		● 2159 0.38		2042 0.38	
12 0541 0.33		27 0530 0.54		12 0135 1.20		27 0116 1.08		12 0357 1.18		27 0247 1.12		12 0419 1.29		27 0303 1.27	
1209 1.59		1206 1.43		0711 0.50		0638 0.64		0924 0.62		0811 0.68		1006 0.63		0845 0.62	
SU 1838 0.36		MO 1844 0.53		TU 1346 1.62		WE 1315 1.44		FR 1550 1.50		SA 1433 1.43		SU 1615 1.34		MO 1453 1.41	
				2049 0.33		2012 0.51		2244 0.35		● 2130 0.43		2247 0.42		● 2131 0.37	
13 0036 1.27		28 0039 1.08		13 0250 1.12		28 0216 1.05		13 0500 1.24		28 0351 1.18		13 0513 1.35		28 0400 1.35	
0630 0.43		0615 0.61		0818 0.58		0737 0.69		1038 0.60		0920 0.67		1116 0.61		0956 0.59	
MO 1306 1.57		TU 1256 1.38		WE 1457 1.56		TH 1413 1.39		SA 1658 1.45		SU 1536 1.41		MO 1715 1.27		TU 1558 1.36	
1951 0.41		1948 0.56		● 2206 0.35		2117 0.52		2335 0.35		2224 0.39		2330 0.43		2223 0.36	
14 0145 1.15		29 0144 1.02		14 0415 1.12		29 0329 1.05		14 0553 1.32		29 0448 1.27		14 0601 1.42		29 0457 1.46	
0730 0.51		0714 0.67		0938 0.61		0848 0.71		1145 0.56		1030 0.61		1220 0.57		1110 0.52	
TU 1413 1.54		WE 1358 1.35		TH 1615 1.52		FR 1519 1.37		SU 1756 1.42		MO 1640 1.42		TU 1810 1.23		WE 1706 1.32	
● 2114 0.41		● 2103 0.56		2315 0.34		● 2223 0.49				2313 0.34				2315 0.35	
15 0312 1.10		30 0306 1.01		15 0526 1.18		30 0440 1.11		15 0019 0.35		30 0538 1.40		15 0011 0.44		30 0551 1.58	
0844 0.56		0829 0.69		1057 0.58		1002 0.68		0638 1.41		1137 0.52		0644 1.49		1222 0.41	
WE 1529 1.55		TH 1509 1.35		FR 1726 1.53		SA 1628 1.40		MO 1243 0.50		TU 1740 1.44		WE 1315 0.51		TH 1814 1.31	
2231 0.36		2215 0.52				2318 0.42		1845 1.39				1900 1.21			
				31 0535 1.20		31 1110 0.61						31 0009 0.34		31 0645 1.71	
				SU 1729 1.46								FR 1327 0.28		1919 1.31	

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter