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PENNEFATHER RIVER – QUEENSLAND

LAT 12° 14' S LONG 141° 43' E

Times and Heights of High and Low Waters

2023

Local Time

JANUARY				FEBRUARY				MARCH				APRIL					
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m		
1	0529	1.10	16	0536	1.39	1	0400	2.29	16	1015	2.40	1	0315	2.37	16	0908	2.42
	1118	2.31		1046	1.77		0552	2.25		1844	1.04		0445	2.35		1700	0.92
SU	1914	1.18	MO	1538	1.51	WE	1102	2.82	TH			WE	0949	2.83	TH		
				2112	1.84		2032	1.03					1814	1.12		2047	1.25
2	0152	1.89	17	0617	1.65	2	0503	2.46	17	1100	2.47	2	0359	2.51	17	0945	2.43
	0602	1.46		1025	1.94		0704	2.43		2000	0.89		0641	2.42		1800	0.89
MO	1135	2.52	TU	1815	1.44	TH	1132	2.70	FR			TH	1024	2.62	FR		
	2012	1.04					2143	0.97					1942	1.18			
3	0322	2.02	18	0500	1.89	3	0543	2.53	18	1200	2.47	3	0428	2.53	18	1035	2.38
	0630	1.82		0646	1.88		0929	2.41		2124	0.75		0840	2.28		1923	0.89
TU	1158	2.68	WE	1050	2.14	FR	1216	2.50	SA			FR	1120	2.36	SA		
	2108	0.91		1949	1.22		2241	0.93					2123	1.16		2301	1.10
4	0444	2.21	19	1137	2.33	4	0610	2.46	19	1311	2.44	4	0456	2.43	19	1144	2.30
	0658	2.14		2056	0.95		1043	2.20		2236	0.62		0944	2.04		2110	0.86
WE	1223	2.75	TH			SA	1327	2.31	SU			SA	1250	2.18	SU		
	2201	0.81					2328	0.89					2230	1.09			
5	0601	2.38	20	1232	2.47	5	0629	2.29	20	0639	1.88	5	0521	2.25	20	0727	1.89
	0730	2.36		2152	0.68		1106	1.94		0925	1.86		1007	1.80		0900	1.88
TH	1252	2.73	FR			SU	1453	2.20	MO	1428	2.39	SU	1432	2.14	MO	1315	2.22
	2249	0.74							●	2334	0.52		2319	1.02		2227	0.79
6	0659	2.46	21	0605	2.05	6	0006	0.86	21	0654	1.88	6	0544	2.02	21	0607	1.87
	0920	2.44		0727	2.04		0641	2.08		1105	1.66		1016	1.60		1022	1.66
FR	1327	2.62	SA	1332	2.54	MO	1116	1.68	TU	1554	2.34	MO	1546	2.21	TU	1510	2.21
	2332	0.72		2245	0.47	○	1625	2.21					2357	0.97		2318	0.78
7	0721	2.43	22	0627	1.99	7	0040	0.84	22	0023	0.50	7	0603	1.82	22	0615	1.98
	1114	2.31		0852	1.94		0652	1.89		0718	1.97		1025	1.44		1120	1.41
SA	1414	2.45	SU	1432	2.54	TU	1126	1.45	WE	1209	1.46	TU	1625	2.31	WE	1702	2.27
○			●	2338	0.32		1727	2.28		1742	2.32	○			●	2358	0.88
8	0011	0.72	23	0701	1.93	8	0111	0.83	23	0105	0.59	8	0026	0.95	23	0630	2.18
	0730	2.29		1029	1.81		0710	1.77		0742	2.14		0621	1.70		1209	1.17
SU	1151	2.07	MO	1536	2.48	WE	1142	1.28	TH	1304	1.29	WE	1043	1.32	TH	1814	2.32
	1520	2.28					1803	2.35		1902	2.32		1653	2.39			
9	0047	0.74	24	0030	0.26	9	0141	0.84	24	0143	0.79	9	0049	0.98	24	0030	1.10
	0733	2.12		0740	1.90		0738	1.72		0801	2.36		0645	1.69		0643	2.44
MO	1211	1.78	TU	1148	1.67	TH	1204	1.21	FR	1357	1.15	TH	1111	1.25	FR	1255	0.98
	1653	2.18		1650	2.37		1830	2.38		2003	2.28		1721	2.44		1913	2.34
10	0122	0.76	25	0119	0.28	10	0213	0.90	25	0215	1.09	10	0114	1.05	25	0059	1.40
	0744	1.96		0818	1.93		0813	1.75		0817	2.60		0715	1.77		0655	2.69
TU	1228	1.52	WE	1258	1.54	FR	1235	1.22	SA	1447	1.06	FR	1151	1.23	SA	1337	0.86
	1838	2.18		1825	2.28		1852	2.36		2100	2.21		1755	2.43		2009	2.32
11	0159	0.77	26	0207	0.39	11	0248	1.03	26	0244	1.44	11	0141	1.18	26	0122	1.73
	0804	1.83		0851	2.03		0851	1.81		0835	2.82		0746	1.91		0710	2.89
WE	1245	1.33	TH	1405	1.43	SA	1315	1.29	SU	1535	1.02	SA	1240	1.22	SU	1417	0.81
	1925	2.21		1950	2.21		1916	2.28		2210	2.13		1836	2.38		2110	2.28
12	0236	0.80	27	0251	0.59	12	0327	1.23	27	0311	1.80	12	0212	1.37	27	0142	2.04
	0835	1.74		0916	2.20		0925	1.91		0856	2.94		0816	2.06		0732	2.99
TH	1302	1.25	FR	1513	1.34	SU	1406	1.36	MO	1624	1.02	SU	1333	1.21	MO	1458	0.83
	1954	2.21		2056	2.12		1949	2.16	○				1928	2.28			
13	0318	0.86	28	0331	0.87	13	0411	1.47	28	0128	2.17	13	0246	1.58	28	0036	2.28
	0914	1.67		0935	2.40		0942	2.00		0343	2.12		0835	2.18		0152	2.27
FR	1321	1.27	SA	1618	1.25	MO	1510	1.38	TU	0920	2.95	MO	1427	1.15	TU	0800	2.94
	2005	2.17		2204	2.02		2033	2.01		1714	1.06		2026	2.17		1539	0.91
14	0402	0.97	29	0406	1.22	14	0455	1.73	29	0455	1.73	14	0324	1.81	29	0240	2.42
	0955	1.65		0952	2.60		0931	2.13		1624	1.32		0834	2.28		0319	2.42
SA	1346	1.35	SU	1719	1.17	TU	1624	1.32	○			TU	1519	1.07	WE	0834	2.77
	2011	2.10	○			○							2144	2.04	○	1626	1.03
15	0450	1.15	30	0011	1.96	15	0432	1.96	30	0432	1.96	15	0204	1.98	30	0251	2.47
	1035	1.69		0438	1.59		0530	1.96		0530	1.96		0843	2.36		0558	2.37
SU	1426	1.45	MO	1013	2.77	WE	0943	2.28		1735	1.19	WE	1610	0.99	TH	0921	2.51
○	2032	1.99		1817	1.11							○				1726	1.16
			31	0226	2.07										31	0315	2.43
				0510	1.95											0732	2.14
			TU	1036	2.85											1030	2.25
				1920	1.06											1850	1.25

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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

PENNEFATHER RIVER – QUEENSLAND

LAT 12° 14' S LONG 141° 43' E

Times and Heights of High and Low Waters

2023

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0336 1.78		16 0330 1.89		1 0315 1.60		16 0052 2.63		1 0908 1.19		16 0021 2.80		1 0104 2.28		16 0230 2.09	
0730 1.52		0830 1.50		0805 1.53		0954 0.76		1718 2.02		1022 0.63		1017 0.56		1152 0.71	
MO 1317 2.07		TU 1411 1.89		TH 1501 1.97		FR 1711 2.16		SA 2047 1.95		SU		TU 1758 1.80		WE 1832 1.97	
2111 1.20		1957 1.11		2122 1.58		1932 2.08						2032 1.74		● 2308 1.57	
2 0424 1.66		17 0333 2.03		2 0233 1.71		17 0116 2.81		2 0035 2.14		17 0057 2.65		2 0209 2.30		17 0407 2.09	
0755 1.50		0928 1.27		0928 1.38		1039 0.61		0959 0.91		1113 0.60		1114 0.39		1230 0.71	
TU 1407 2.11		WE 1532 1.99		FR 1623 2.03		SA 1844 2.32		SU 1742 2.06		MO 1921 2.40		WE 1829 1.71		TH 1845 1.78	
2219 1.22		2042 1.36		2157 1.76		1929 2.32		2114 1.98		2256 2.33		○ 2150 1.59		2319 1.35	
3 0501 1.61		18 0324 2.23		3 0147 1.91		18 0144 2.88		3 0132 2.29		18 0145 2.45		3 0315 2.29		18 0515 2.16	
0829 1.49		1016 1.01		1023 1.14		1122 0.52		1043 0.62		1158 0.61		1207 0.28		1301 0.74	
WE 1452 2.15		TH 1641 2.11		SA 1725 2.11		SU		MO 1805 2.04		TU 1930 2.25		TH 1908 1.67		FR 1900 1.67	
2254 1.31		2116 1.67		2225 1.89		●		○ 2144 1.91		● 2342 2.06		2312 1.44		2335 1.18	
4 0503 1.62		19 0249 2.50		4 0219 2.14		19 0213 2.82		4 0229 2.38		19 0255 2.24		4 0426 2.23		19 0551 2.22	
0922 1.44		1100 0.78		1106 0.85		1203 0.52		1127 0.39		1239 0.64		1257 0.26		1329 0.78	
TH 1542 2.17		FR 1748 2.22		SU 1811 2.18		MO		TU 1835 1.98		WE 1934 2.05		FR 1947 1.73		SA 1923 1.64	
2311 1.45		2138 1.98		○ 2251 1.94				2224 1.78						2359 1.11	
5 0453 1.72		20 0258 2.75		5 0303 2.32		20 0248 2.64		5 0324 2.40		20 0003 1.76		5 0025 1.32		20 0621 2.25	
1022 1.32		1139 0.61		1146 0.57		1243 0.56		1214 0.24		0430 2.12		0555 2.16		1357 0.87	
FR 1642 2.21		SA 1900 2.31		MO 1849 2.20		TU 2044 2.31		WE 1913 1.89		TH 1316 0.67		SA 1344 0.33		SU 1954 1.69	
2328 1.61		● 2142 2.24		2319 1.92				2311 1.64		1941 1.88		2023 1.87			
6 0433 1.90		21 0318 2.90		6 0351 2.42		21 0018 2.25		6 0423 2.35		21 0020 1.49		6 0134 1.22		21 0031 1.11	
1115 1.12		1216 0.52		1227 0.36		0338 2.40		1302 0.18		0623 2.13		0726 2.09		0648 2.23	
SA 1747 2.25		SU 2030 2.39		TU 1927 2.16		WE 1323 0.64		TH 1957 1.80		FR 1352 0.71		SU 1427 0.51		MO 1429 1.02	
○ 2348 1.74		2115 2.39		2348 1.84		2033 2.16				1957 1.77		2051 2.09		2030 1.77	
7 0415 2.11		22 0343 2.90		7 0442 2.43		22 0105 1.96		7 0004 1.53		22 0040 1.29		7 0242 1.12		22 0111 1.16	
1200 0.89		1254 0.53		1310 0.24		0509 2.18		0530 2.25		0714 2.17		0838 2.02		0716 2.16	
SU 1846 2.29		MO		WE 2006 2.05		TH 1403 0.72		FR 1354 0.21		SA 1428 0.75		MO 1505 0.80		TU 1507 1.21	
				2039 2.01				2046 1.76		2024 1.71		2111 2.33		2104 1.85	
8 0014 1.84		23 0411 2.77		8 0019 1.75		23 0138 1.68		8 0111 1.47		23 0101 1.20		8 0346 1.02		23 0159 1.22	
0445 2.30		1330 0.60		0537 2.37		0738 2.11		0647 2.14		0747 2.18		0952 1.92		0750 2.05	
MO 1244 0.66		TU		TH 1357 0.23		FR 1446 0.78		SA 1445 0.31		SU 1505 0.82		TU 1539 1.16		WE 1556 1.44	
1936 2.31				2050 1.91		2059 1.89		2135 1.81		2059 1.70		● 2127 2.57		2130 1.91	
9 0039 1.90		24 0448 2.53		9 0051 1.68		24 0207 1.48		9 0236 1.43		24 0126 1.21		9 0446 0.92		24 0255 1.23	
0525 2.40		1411 0.72		0636 2.26		0835 2.11		0809 2.02		0813 2.14		1156 1.87		0834 1.91	
TU 1325 0.49		WE 2145 2.24		FR 1448 0.31		SA 1531 0.83		SU 1536 0.48		MO 1546 0.95		WE 1610 1.54		TH 1656 1.66	
2021 2.25				2149 1.78		2130 1.78		2214 1.93		2137 1.71		2145 2.76		● 2126 1.96	
10 0101 1.91		25 0231 2.16		10 0132 1.65		25 0231 1.38		10 0410 1.36		25 0156 1.29		10 0542 0.84		25 0357 1.18	
0610 2.43		0648 2.26		0739 2.13		0916 2.09		0928 1.91		0825 2.06		1411 1.99		1537 1.89	
WE 1407 0.42		TH 1456 0.84		SA 1545 0.43		SU 1619 0.89		MO 1622 0.73		TU 1631 1.14		TH 1638 1.91		FR 1752 1.84	
2103 2.12		2150 2.11		2331 1.73		2208 1.68		● 2235 2.12		2215 1.74		2208 2.85		2119 2.03	
11 0113 1.89		26 0343 1.89		11 0349 1.65		26 0245 1.37		11 0529 1.23		26 0236 1.38		11 0638 0.80		26 0500 1.08	
0655 2.38		0844 2.12		0845 1.99		0951 2.04		1118 1.81		0836 1.94		1553 2.21		1642 1.97	
TH 1452 0.43		FR 1548 0.93		SU 1645 0.59		MO 1709 1.00		TU 1700 1.05		WE 1722 1.38		FR 1715 2.20		SA 1835 1.94	
2149 1.94		2215 1.97		● 2253 1.63				2246 2.35		● 2242 1.78		2234 2.82		2145 2.10	
12 0114 1.85		27 0428 1.66		12 0050 1.79		27 0243 1.42		12 0633 1.08		27 0341 1.42		12 0744 0.79		27 0601 0.96	
0742 2.29		0950 2.07		0555 1.55		1023 1.96		1326 1.83		0907 1.80		1655 2.39		1759 1.95	
FR 1544 0.52		SA 1645 1.00		MO 1004 1.86		TU 1758 1.16		WE 1731 1.43		TH 1814 1.62		SA 1830 2.37		SU 1852 1.95	
		2254 1.81		1738 0.79		2341 1.61		2303 2.58		2221 1.86		2305 2.67		2232 2.15	
13 0830 2.17		28 0501 1.53		13 0118 1.93		28 0302 1.49		13 0731 0.93		28 0529 1.37		13 0901 0.79		28 0712 0.84	
1645 0.64		1045 2.04		0709 1.39		1122 1.85		1502 1.97		1625 1.89		1729 2.44		2335 2.16	
SA		SU 1744 1.05		TU 1259 1.80		WE 1845 1.38		TH 1757 1.80		FR 1900 1.83		SU 2053 2.34		MO	
●		● 2345 1.66		1821 1.06				2326 2.76		2222 2.00		2349 2.45			
14 0446 1.83		29 0531 1.49		14 0110 2.11		29 1414 1.82		14 0830 0.80		29 0700 1.21		14 1012 0.76		29 0840 0.73	
0543 1.82		1135 2.01		0810 1.18		1932 1.61		1630 2.16		1729 1.99		1754 2.36			
SU 0927 2.04		MO 1842 1.12		WE 1435 1.88		TH 2332 1.77		FR 1816 2.13		SA 1934 1.96		MO 2220 2.11		TU	
1753 0.77				1855 1.40				2351 2.84		2300 2.13					
15 0344 1.81		30 0100 1.56		15 0035 2.37		30 0751 1.43		15 0927 0.70		30 0812 0.99		15 0100 2.22		30 0048 2.16	
0721 1.70		0602 1.52		0904 0.96		1625 1.92		SA		1816 1.98		1107 0.73		1004 0.60	
MO 1049 1.90		TU 1230 1.98		TH 1554 2.01		FR 2014 1.82				SU 1945 1.98		TU 1815 2.19		WE 1812 1.59	
1900 0.92		1938 1.24		1919 1.75		2344 1.95						2253 1.83		1951 1.58	
		31 0449 1.57								31 0000 2.22				31 0206 2.15	
		0646 1.55								0917 0.76				1107 0.49	
		WE 1337 1.96								MO 1744 1.90				TH 1824 1.59	
		2034 1.40								1932 1.89				○ 2226 1.43	

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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

PENNEFATHER RIVER – QUEENSLAND

LAT 12° 14' S LONG 141° 43' E

Times and Heights of High and Low Waters

2023

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0329 2.14	16	0445 2.22	1	0547 2.10	16	0509 2.19	1	0055 0.30	16	0024 0.61	1	0116 0.36	16	0050 0.30
	1157 0.45		1233 0.91		1158 1.01		1214 1.39		0829 2.23		0716 2.19		1628 2.55		0732 1.96
FR	1847 1.71	SA	1825 1.60	SU	1807 2.27	MO	1755 1.82	WE	1105 2.17	TH	1219 1.80	FR		SA	1157 1.58
	2338 1.24		2306 1.11				2346 1.02		1701 2.92		1646 2.22				1715 2.28
2	0507 2.13	17	0514 2.26	2	0032 0.71	17	0604 2.19	2	0132 0.30	17	0103 0.45	2	0158 0.49	17	0135 0.26
	1238 0.51		1255 1.03		0653 2.13		1236 1.54		1730 2.82		0753 2.14		1001 2.16		0810 1.81
SA	1912 1.92	SU	1849 1.68	MO	1226 1.32	TU	1805 1.96	TH		FR	1239 1.75	SA	1344 2.12	SU	1224 1.48
			2344 1.08		1817 2.57						1734 2.22		1746 2.27		1813 2.21
3	0038 1.05	18	0547 2.25	3	0116 0.53	18	0032 0.88	3	0211 0.40	18	0145 0.36	3	0244 0.64	18	0225 0.30
	0635 2.13		1318 1.18		0757 2.14		0706 2.19		1808 2.59		0827 2.00		0948 2.02		0857 1.68
SU	1315 0.71	MO	1918 1.80	TU	1248 1.65	WE	1303 1.67	FR		SA	1251 1.68	SU	1459 1.86	MO	1257 1.45
	1932 2.20				1833 2.80		1805 2.07				1825 2.18		2008 2.10		1910 2.12
4	0132 0.89	19	0029 1.06	4	0158 0.45	19	0115 0.74	4	0254 0.56	19	0229 0.36	4	0334 0.76	19	0319 0.40
	0745 2.10		0631 2.21		0908 2.13		0801 2.16		1341 2.26		0858 1.81		1004 1.89		1000 1.63
MO	1346 1.01	TU	1347 1.36	WE	1301 1.96	TH	1332 1.76	SA	1549 2.24	SU	1300 1.60	MO	1551 1.64	TU	1349 1.49
	1950 2.48		1947 1.92		1856 2.90		1825 2.13		1926 2.30		1914 2.11		2121 2.04		2008 2.00
5	0224 0.76	20	0116 1.03	5	0238 0.45	20	0158 0.63	5	0345 0.73	20	0319 0.43	5	0430 0.85	20	0415 0.55
	0849 2.05		0728 2.14		1924 2.85		0849 2.08		1343 2.13		0927 1.60		1036 1.78		1123 1.69
TU	1415 1.37	WE	1424 1.55	TH		FR	1344 1.81	SU	1752 1.95	MO	1259 1.54	TU	1633 1.51	WE	1640 1.53
	2007 2.73		2011 2.00				1858 2.14	☉	2106 2.07	☉	2001 2.03	☉	2216 2.01	☉	2113 1.85
6	0313 0.68	21	0206 0.98	6	0320 0.54	21	0241 0.57	6	0448 0.87	21	0418 0.53	6	0524 0.94	21	0506 0.77
	1013 2.00		0832 2.05		1959 2.67		0930 1.94		1404 1.98		2053 1.92		1121 1.69		1207 1.86
WE	1439 1.74	TH	1515 1.72	FR		SA	1321 1.80	MO	1830 1.68	TU		WE	1714 1.47	TH	1829 1.40
	2028 2.87		2015 2.04	☉			1934 2.11		2232 1.95				2309 1.98		
7	0400 0.67	22	0255 0.91	7	0406 0.68	22	0325 0.57	7	0559 0.96	22	0524 0.66	7	0617 1.04	22	0016 1.72
	1324 2.07		0958 1.95		1447 2.36		0947 1.73		1435 1.83		1638 1.63		1218 1.63		0548 1.05
TH	1500 2.05	FR	1619 1.84	SA	1742 2.29	SU	1257 1.71	TU	1859 1.50	WE	1833 1.61	TH	1759 1.49	FR	1147 2.11
☉	2052 2.88		2015 2.07		2046 2.39	☉	2015 2.07		2350 1.93		2200 1.78				1940 1.20
8	0447 0.70	23	0342 0.84	8	0505 0.84	23	0416 0.61	8	0712 1.00	23	0626 0.81	8	0008 1.93	23	0215 1.79
	2120 2.76		1556 1.91		1502 2.30		0951 1.51		1514 1.72		1507 1.71		0710 1.20		0620 1.40
FR		SA	1715 1.90	SU	1919 2.02	MO	1057 1.50	WE	1926 1.41	TH	2000 1.44	FR	1325 1.63	SA	1156 2.41
		☉	2041 2.09		2200 2.12		2100 2.01						1855 1.53		2038 0.96
9	0542 0.79	24	0430 0.79	9	0625 0.96	24	0520 0.68	9	0059 1.95	24	0142 1.71	9	0130 1.90	24	0340 1.94
	1549 2.40		2119 2.08		1527 2.17		1025 1.32		0824 1.04		0718 1.01		0804 1.39		0643 1.76
SA	1822 2.34	SU		MO	2006 1.74	TU	1120 1.31	TH	1553 1.65	FR	1500 1.89	SA	1408 1.68	SU	1219 2.69
	2156 2.53				2336 1.95		2156 1.92		1958 1.39		2103 1.20		2015 1.50		2129 0.73
10	0657 0.88	25	0527 0.77	10	0805 0.99	25	0641 0.76	10	0158 1.99	25	0312 1.82	10	0321 1.93	25	0500 2.14
	1613 2.40		2211 2.06		1555 2.00		1809 1.64		0929 1.12		0800 1.28		0902 1.61		0655 2.09
SU	2017 2.16	MO		TU	2036 1.52	WE	1941 1.63	FR	1626 1.62	SA	1433 2.15	SU	1411 1.76	MO	1247 2.89
	2252 2.25				2318 1.82		2318 1.82		2038 1.38		2154 0.91		2131 1.37		2216 0.54
11	0839 0.92	26	0643 0.78	11	0119 1.94	26	0803 0.82	11	0251 2.02	26	0423 1.96	11	0447 2.02	26	1317 2.97
	1639 2.30		2319 2.01		0930 0.96		1645 1.64		1017 1.26		0828 1.61		0952 1.79		2302 0.43
MO	2121 1.89	TU		WE	1625 1.83	TH	2103 1.45	SA	1632 1.63	SU	1405 2.49	MO	1339 1.89	TU	
					2059 1.38				2130 1.34		2237 0.62		2217 1.16		
12	0023 2.04	27	0824 0.76	12	0231 2.01	27	0227 1.81	12	0348 2.04	27	0533 2.10	12	0536 2.11	27	1352 2.90
	1000 0.88				1028 0.94		0907 0.92		1048 1.43		0845 1.93		1024 1.90		2346 0.40
TU	1705 2.12	WE		TH	1654 1.68	FR	1632 1.79	SU	1618 1.70	MO	1424 2.78	TU	1355 2.06	WE	
	2152 1.64				2118 1.30		2203 1.19		2220 1.23	☉	2318 0.41		2254 0.90	☉	
13	0212 1.99	28	0050 1.97	13	0315 2.09	28	0356 1.92	13	0449 2.08	28	0647 2.23	13	0606 2.15	28	1433 2.72
	1056 0.83		0949 0.71		1108 0.97		0953 1.09		1110 1.61		0851 2.19		1048 1.92		
WE	1730 1.90	TH	1743 1.59	FR	1715 1.60	SA	1630 2.04	MO	1544 1.84	TU	1449 2.94	WE	1438 2.20	TH	
	2208 1.44		2147 1.44		2144 1.25		2252 0.89	☉	2304 1.05		2358 0.29	☉	2330 0.64		
14	0333 2.07	29	0245 1.98	14	0349 2.15	29	0505 2.03	14	0546 2.14	29	1517 2.95	14	0632 2.15	29	0029 0.45
	1138 0.80		1045 0.70		1136 1.08		1027 1.35		1131 1.74				1111 1.85		0837 2.33
TH	1750 1.72	FR	1745 1.73	SA	1730 1.60	SU	1620 2.35	TU	1534 2.01	WE		TH	1528 2.28	FR	1157 2.27
	2221 1.29	☉	2252 1.20		2218 1.20	☉	2335 0.62		2345 0.83						1527 2.48
15	0415 2.16	30	0431 2.04	15	0425 2.17	30	0610 2.12	15	0636 2.18	30	0036 0.28	15	0009 0.43	30	0112 0.53
	1209 0.83		1125 0.80		1155 1.23		1053 1.66		1155 1.80		1549 2.80		0700 2.08		0831 2.16
FR	1806 1.61	SA	1756 1.97	SU	1741 1.68	MO	1619 2.66	WE	1603 2.15	TH		FR	1132 1.72	SA	1244 1.98
☉	2239 1.18		2345 0.94	☉	2300 1.13								1620 2.30		1652 2.26
				31	0016 0.41									31	0153 0.62
					0715 2.18										0834 2.01
					TU 1110 1.95										SU 1316 1.71
					1637 2.86										1906 2.18

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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