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PORT KEATS – NORTHERN TERRITORY

LAT 14° 10' S LONG 129° 34' E

Times and Heights of High and Low Waters

2021

Local Time

JANUARY

	Time	m		Time	m
1 FR	0208	2.96	16 SA	0251	2.63
	0702	6.37		0749	6.58
	1415	0.90		1452	0.94
	2042	7.62		2109	7.66
2 SA	0242	2.90	17 SU	0322	2.53
	0737	6.37		0833	6.48
	1448	1.02		1522	1.33
	2115	7.55		2133	7.47
3 SU	0317	2.86	18 MO	0353	2.49
	0816	6.31		0915	6.26
	1521	1.26		1552	1.84
	2146	7.41		2159	7.21
4 MO	0354	2.82	19 TU	0425	2.53
	0901	6.16		0957	5.97
	1554	1.63		1619	2.42
	2217	7.22		2223	6.89
5 TU	0437	2.78	20 WE	0458	2.64
	0955	5.95		1040	5.63
	1633	2.12		1647	3.04
	2253	6.97		2249	6.51
6 WE ◐	0526	2.74	21 TH ◑	0535	2.81
	1101	5.72		1132	5.33
	1719	2.72		1717	3.66
	2334	6.68		2317	6.08
7 TH	0626	2.66	22 FR	0619	2.98
	1218	5.58		1303	5.15
	1819	3.35		1759	4.25
				2354	5.63
8 FR	0024	6.36	23 SA	0732	3.08
	0737	2.49		1508	5.40
	1402	5.68		2046	4.60
	1945	3.83			
9 SA	0128	6.09	24 SU	0128	5.25
	0851	2.20		0913	2.91
	1537	6.11		1612	5.84
	2115	3.98		2218	4.33
10 SU	0248	5.98	25 MO	0327	5.28
	1006	1.80		1020	2.53
	1651	6.66		1708	6.33
	2242	3.86		2311	3.97
11 MO	0353	6.05	26 TU	0416	5.51
	1114	1.35		1112	2.07
	1758	7.20		1755	6.78
	2355	3.56		2355	3.61
12 TU	0447	6.20	27 WE	0457	5.81
	1212	0.95		1158	1.63
	1852	7.62		1836	7.17
13 WE ●	0053	3.24	28 TH	0036	3.28
	0534	6.37		0536	6.12
	1300	0.67		1242	1.25
	1937	7.85		1912	7.48
14 TH	0139	2.97	29 FR ○	0116	2.99
	0620	6.51		0613	6.41
	1343	0.58		1323	0.98
	2014	7.90		1947	7.69
15 FR	0218	2.78	30 SA	0154	2.72
	0704	6.59		0650	6.64
	1420	0.68		1401	0.86
	2044	7.82		2022	7.81
			31 SU	0232	2.47
				0728	6.78
				1435	0.91
				2053	7.82

FEBRUARY

	Time	m		Time	m
1 MO	0307	2.25	16 TU	0323	1.90
	0809	6.81		0852	6.73
	1508	1.14		1524	1.89
	2119	7.72		2113	7.35
2 TU	0341	2.07	17 WE	0350	1.92
	0855	6.73		0924	6.51
	1540	1.52		1547	2.39
	2144	7.53		2133	7.07
3 WE	0417	1.97	18 TH	0416	2.06
	0946	6.56		0957	6.24
	1615	2.07		1610	2.92
	2212	7.25		2154	6.69
4 TH	0456	1.97	19 FR	0442	2.28
	1042	6.31		1034	5.94
	1654	2.74		1635	3.48
	2244	6.87		2218	6.23
5 FR ◐	0541	2.09	20 SA ◑	0510	2.58
	1145	6.03		1121	5.64
	1742	3.48		1705	4.05
	2322	6.39		2242	5.73
6 SA	0637	2.29	21 SU	0547	2.91
	1314	5.85		1300	5.41
	1857	4.13		1759	4.62
				2313	5.24
7 SU	0014	5.87	22 MO	0653	3.22
	0757	2.43		1514	5.66
	1505	6.03		2142	4.56
	2043	4.39			
8 MO	0207	5.51	23 TU	0240	4.88
	0932	2.31		0933	3.06
	1630	6.47		1621	6.12
	2234	4.15		2244	4.10
9 TU	0338	5.61	24 WE	0350	5.24
	1054	1.94		1040	2.54
	1743	6.98		1716	6.61
	2351	3.64		2332	3.62
10 WE	0440	5.93	25 TH	0437	5.73
	1155	1.49		1133	1.97
	1834	7.41		1801	7.06
11 TH	0044	3.12	26 FR	0014	3.14
	0534	6.29		0521	6.24
	1244	1.15		1220	1.46
	1913	7.67		1840	7.45
12 FR ●	0125	2.70	27 SA ○	0056	2.66
	0621	6.60		0604	6.68
	1325	0.98		1303	1.10
	1946	7.76		1917	7.74
13 SA	0159	2.39	28 SU	0136	2.20
	0704	6.81		0646	7.03
	1400	1.00		1342	0.93
	2013	7.75		1951	7.91
14 SU	0229	2.16			
	0743	6.90			
	1430	1.17			
	2034	7.67			
15 MO	0256	1.99			
	0818	6.87			
	1458	1.48			
	2054	7.54			

MARCH

	Time	m		Time	m
1 MO	0214	1.78	16 TU	0228	1.51
	0728	7.25		0802	7.16
	1418	0.99		1431	1.80
	2020	7.93		2009	7.40
2 TU	0248	1.45	17 WE	0253	1.43
	0808	7.33		0829	7.07
	1451	1.25		1455	2.12
	2041	7.83		2027	7.24
3 WE	0321	1.25	18 TH	0317	1.47
	0851	7.28		0855	6.93
	1521	1.68		1517	2.50
	2102	7.63		2048	6.97
4 TH	0353	1.22	19 FR	0340	1.63
	0935	7.08		0924	6.71
	1553	2.25		1539	2.93
	2130	7.29		2111	6.60
5 FR	0426	1.39	20 SA	0403	1.91
	1022	6.75		0957	6.43
	1628	2.93		1604	3.39
	2200	6.81		2132	6.15
6 SA ◐	0502	1.76	21 SU	0427	2.27
	1117	6.33		1037	6.09
	1710	3.67		1633	3.89
	2232	6.22		2153	5.68
7 SU	0545	2.28	22 MO ◑	0457	2.70
	1240	5.94		1141	5.71
	1820	4.35		1717	4.42
	2312	5.55		2223	5.20
8 MO	0704	2.80	23 TU	0543	3.18
	1446	5.95		1406	5.62
	2048	4.50			
9 TU	0204	5.07	24 WE	0843	3.40
	0919	2.88		1532	5.98
	1615	6.32		2215	4.02
	2247	3.96			
10 WE	0344	5.40	25 TH	0328	5.13
	1044	2.45		1011	2.87
	1723	6.79		1633	6.47
	2344	3.29		2304	3.42
11 TH	0449	5.93	26 FR	0423	5.77
	1141	1.96		1108	2.24
	1807	7.20		1722	6.96
				2350	2.79
12 FR	0026	2.71	27 SA	0513	6.41
	0543	6.44		1158	1.70
	1226	1.59		1805	7.38
	1843	7.44			
13 SA ●	0102	2.26	28 SU	0033	2.14
	0625	6.83		0602	6.97
	1304	1.42		1242	1.33
	1911	7.54		1843	7.68
14 SU	0134	1.93	29 MO ○	0115	1.53
	0701	7.07		0650	7.39
	1337	1.41		1323	1.20
	1935	7.54		1916	7.81
15 MO	0202	1.68	30 TU	0154	1.03
	0733	7.16		0733	7.65
	1406	1.55		1359	1.30
	1954	7.49		1939	7.80
			31 WE	0229	0.71
				0813	7.72
				1432	1.61
				1958	7.69

APRIL

	Time	m		Time	m
1 TH	0300	0.60	16 FR	0250	1.22
	0849	7.62		0839	7.09
	1502	2.05		1453	2.69
	2025	7.46		2015	6.65
2 FR	0331	0.73	17 SA	0313	1.42
	0926	7.36		0907	6.91
	1533	2.58		1517	3.00
	2058	7.07		2040	6.31
3 SA	0402	1.10	18 SU	0336	1.72
	1009	6.94		0939	6.63
	1608	3.19		1543	3.36
	2133	6.51		2105	5.93
4 SU ◐	0435	1.68	19 MO	0402	2.11
	1101	6.43		1018	6.29
	1651	3.83		1616	3.77
	2211	5.84		2131	5.52
5 MO	0515	2.41	20 TU ◑	0434	2.57
	1224	5.95		1122	5.91
	1814	4.37		1706	4.20
	2310	5.13		2213	5.09
6 TU	0629	3.13	21 WE	0522	3.07
	1433	5.90		1311	5.72
	2121	4.17		2023	4.31
7 WE	0231	4.93	22 TH	0053	4.72
	0917	3.23		0732	3.42
	1553	6.20		1447	5.93
	2238	3.49		2136	3.75
8 TH	0353	5.45	23 FR	0304	5.16
	1033	2.80		0936	3.02
	1653	6.58		1552	6.35
	2324	2.85		2230	3.08
9 FR	0453	6.05	24 SA	0409	5.84
	1124	2.37		1039	2.48
	1734	6.90		1643	6.79
				2320	2.34
10 SA	0002	2.30	25 SU	0506	6.54
	0539	6.57		1132	2.03
	1205	2.07		1727	7.15
	1806	7.10			
11 SU	0036	1.89	26 MO	0007	1.61
	0617	6.94		0558	7.15
	1241	1.92		1219	1.75
	1833	7.17		1805	7.38
12 MO ●	0106	1.58	27 TU ○	0052	0.96
	0651	7.15		0647	7.59
	1312	1.92		1303	1.68
	1854	7.17		1835	7.46
13 TU	0134	1.35	28 WE	0133	0.48
	0721	7.24		0732	7.84
	1341	2.03		1342	1.82
	1911	7.12		1859	7.44
14 WE	0201	1.20	29 TH	0210	0.25
	0749	7.25		0814	7.86
	1406	2.20		1417	2.11
	1928	7.04		1926	7.31
15 TH	0226	1.15	30 FR	0244	0.27
	0813	7.20		0851	7.69
	1430	2.43		1449	2.48
	1950	6.90		2001	7.06

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols ● New Moon ◑ First Quarter ○ Full Moon ◐ Last Quarter

PORT KEATS – NORTHERN TERRITORY

LAT 14° 10' S LONG 129° 34' E

Times and Heights of High and Low Waters

2021

Local Time

MAY

	Time	m		Time	m
1 SA	0316	0.55	16 SU	0258	1.34
	0927	7.37		0906	6.90
	1522	2.89		1505	3.06
	2041	6.65		2025	6.02
2 SU	0349	1.05	17 MO	0324	1.62
	1009	6.94		0941	6.67
	1602	3.34		1537	3.30
	2126	6.10		2058	5.74
3 MO	0425	1.74	18 TU	0354	1.97
	1100	6.45		1024	6.38
	1655	3.78		1617	3.57
	2218	5.48		2139	5.43
4 TU ◐	0510	2.51	19 WE	0432	2.38
	1218	6.02		1120	6.11
	1847	4.03		1717	3.81
	2348	4.93		2240	5.12
5 WE	0626	3.21	20 TH ◑	0524	2.82
	1403	5.90		1232	5.94
	2101	3.67		1918	3.79
6 TH	0230	5.03	21 FR	0031	4.97
	0853	3.38		0652	3.16
	1516	6.04		1351	5.97
	2205	3.11		2046	3.31
7 FR	0343	5.50	22 SA	0229	5.29
	1009	3.12		0848	3.09
	1611	6.27		1502	6.19
	2251	2.57		2147	2.67
8 SA	0438	6.02	23 SU	0347	5.90
	1059	2.83		1000	2.79
	1651	6.47		1556	6.47
	2329	2.12		2244	1.96
9 SU	0522	6.46	24 MO	0449	6.55
	1140	2.61		1101	2.52
	1724	6.59		1642	6.72
				2338	1.27
10 MO	0004	1.76	25 TU	0546	7.13
	0601	6.79		1155	2.34
	1216	2.49		1721	6.87
	1752	6.64			
11 TU	0036	1.47	26 WE ○	0028	0.69
	0637	7.01		0640	7.56
	1248	2.46		1245	2.30
	1815	6.63		1755	6.93
12 WE ●	0106	1.24	27 TH	0113	0.29
	0710	7.13		0730	7.78
	1318	2.49		1330	2.37
	1836	6.60		1829	6.91
13 TH	0135	1.10	28 FR	0155	0.13
	0740	7.17		0816	7.80
	1347	2.57		1411	2.54
	1858	6.55		1907	6.81
14 FR	0203	1.06	29 SA	0233	0.23
	0808	7.15		0858	7.63
	1413	2.70		1449	2.74
	1925	6.44		1949	6.60
15 SA	0231	1.14	30 SU	0309	0.55
	0835	7.06		0936	7.34
	1439	2.86		1528	2.95
	1954	6.26		2036	6.29
			31 MO	0345	1.04
				1014	6.97
				1612	3.15
				2129	5.88

JUNE

	Time	m		Time	m
1 TU	0424	1.67	16 WE	0354	1.70
	1058	6.58		1025	6.61
	1706	3.33		1626	3.10
	2230	5.45		2149	5.60
2 WE ◐	0508	2.36	17 TH	0433	2.05
	1151	6.21		1106	6.41
	1823	3.40		1720	3.13
	2355	5.11		2251	5.42
3 TH	0605	3.01	18 FR ◑	0521	2.47
	1259	5.94		1155	6.22
	1958	3.25		1828	3.03
4 FR	0153	5.11	19 SA	0009	5.35
	0739	3.46		0625	2.89
	1415	5.83		1250	6.08
	2111	2.93		1946	2.74
5 SA	0309	5.39	20 SU	0144	5.49
	0921	3.51		0753	3.16
	1513	5.86		1356	6.02
	2204	2.56		2055	2.29
6 SU	0407	5.78	21 MO	0317	5.92
	1022	3.37		0914	3.18
	1559	5.93		1501	6.07
	2247	2.20		2201	1.77
7 MO	0456	6.16	22 TU	0426	6.45
	1108	3.19		1025	3.10
	1637	5.99		1557	6.18
	2326	1.87		2305	1.24
8 TU	0541	6.50	23 WE	0531	6.96
	1148	3.04		1132	2.96
	1711	6.03		1644	6.29
9 WE	0002	1.57	24 TH	0003	0.77
	0621	6.77		0633	7.37
	1225	2.91		1233	2.83
	1741	6.06		1729	6.37
10 TH ●	0038	1.33	25 FR ○	0055	0.42
	0658	6.95		0728	7.62
	1300	2.84		1325	2.73
	1809	6.09		1812	6.42
11 FR	0112	1.16	26 SA	0142	0.26
	0733	7.04		0815	7.69
	1332	2.82		1412	2.66
	1838	6.11		1858	6.42
12 SA	0146	1.08	27 SU	0224	0.31
	0806	7.07		0856	7.60
	1404	2.83		1453	2.62
	1909	6.10		1946	6.35
13 SU	0219	1.09	28 MO	0302	0.56
	0838	7.04		0931	7.39
	1436	2.88		1532	2.60
	1943	6.05		2038	6.21
14 MO	0250	1.21	29 TU	0338	0.96
	0912	6.95		1002	7.12
	1507	2.95		1610	2.60
	2020	5.94		2131	5.98
15 TU	0321	1.42	30 WE	0413	1.50
	0947	6.80		1035	6.81
	1543	3.03		1651	2.64
	2100	5.79		2227	5.69

JULY

	Time	m		Time	m
1 TH	0450	2.12	16 FR	0423	1.78
	1110	6.46		1039	6.72
	1736	2.71		1703	2.30
	2326	5.39		2243	5.85
2 FR ◐	0529	2.78	17 SA ◑	0504	2.27
	1148	6.09		1113	6.46
	1828	2.79		1752	2.25
				2347	5.73
3 SA	0043	5.18	18 SU	0556	2.84
	0616	3.39		1155	6.15
	1237	5.73		1852	2.19
	1935	2.81			
4 SU	0219	5.22	19 MO	0108	5.70
	0743	3.83		0708	3.35
	1350	5.46		1250	5.84
	2049	2.70		2002	2.07
5 MO	0327	5.48	20 TU	0246	5.91
	0931	3.88		0834	3.62
	1503	5.36		1409	5.62
	2152	2.47		2118	1.84
6 TU	0424	5.84	21 WE	0404	6.31
	1035	3.69		0958	3.61
	1554	5.39		1525	5.63
	2242	2.17		2236	1.50
7 WE	0516	6.21	22 TH	0519	6.75
	1123	3.45		1122	3.38
	1636	5.48		1625	5.79
	2327	1.84		2344	1.08
8 TH	0603	6.54	23 FR	0626	7.18
	1205	3.22		1229	3.04
	1713	5.60		1718	6.00
9 FR	0010	1.54	24 SA ○	0041	0.71
	0645	6.79		0718	7.49
	1243	3.03		1323	2.69
	1748	5.76		1809	6.20
10 SA ●	0050	1.28	25 SU	0129	0.49
	0721	6.97		0801	7.62
	1321	2.87		1406	2.40
	1821	5.91		1900	6.36
11 SU	0130	1.08	26 MO	0210	0.46
	0756	7.09		0836	7.59
	1356	2.75		1443	2.19
	1857	6.04		1950	6.44
12 MO	0206	0.99	27 TU	0247	0.63
	0830	7.15		0905	7.45
	1432	2.64		1517	2.03
	1934	6.12		2037	6.42
13 TU	0241	1.00	28 WE	0319	0.98
	0904	7.15		0932	7.25
	1507	2.55		1548	1.95
	2014	6.14		2121	6.28
14 WE	0314	1.14	29 TH	0350	1.46
	0936	7.07		0957	6.98
	1543	2.46		1620	1.96
	2058	6.09		2203	6.03
15 TH	0347	1.40	30 FR	0420	2.05
	1007	6.92		1022	6.65
	1621	2.37		1652	2.08
	2147	5.98		2246	5.73
			31 SA ◐	0449	2.69
				1047	6.25
				1725	2.29
				2333	5.42

AUGUST

	Time	m		Time	m
1 SU	0519	3.32	16 MO ◑	0525	3.04
	1113	5.80		1102	6.10
	1802	2.53		1805	1.90
2 MO	0045	5.20	17 TU	0038	5.84
	0600	3.90		0631	3.69
	1145	5.33		1147	5.59
	1854	2.77		1914	2.15
3 TU	0240	5.28	18 WE	0225	5.86
	0827	4.27		0810	4.03
	1259	4.89		1328	5.15
	2037	2.83		2048	2.22
4 WE	0347	5.59	19 TH	0351	6.17
	1006	4.04		0959	3.89
	1517	4.86		1516	5.19
	2158	2.59		2223	1.95
5 TH	0447	5.98	20 FR	0514	6.62
	1103	3.69		1127	3.39
	1610	5.07		1624	5.53
	2256	2.21		2333	1.47
6 FR	0541	6.37	21 SA	0614	7.08
	1146	3.34		1226	2.82
	1653	5.37		1725	5.96
	2344	1.79			
7 SA	0624	6.71	22 SU ○	0027	1.04
	1226	3.02		0657	7.40
	1732	5.69		1310	2.33
				1821	6.34
8 SU ●	0029	1.39	23 MO	0112	0.78
	0700	6.99		0734	7.54
	1305	2.73		1348	1.94
	1810	6.01		1909	6.63
9 MO	0111	1.08	24 TU	0151	0.74
	0735	7.20		0805	7.54
	1343	2.44		1421	1.66
	1849	6.27		1948	6.76
10 TU	0149	0.89	25 WE	0224	0.90
	0808	7.35		0830	7.43
	1420	2.16		1451	1.47
	1929	6.46		2024	6.76
11 WE	0226	0.86	26 TH	0253	1.22
	0841	7.39		0851	7.26
	1455	1.90		1519	1.39
	2010	6.55		2058	6.63
12 TH	0259	1.01	27 FR	0320	1.67
	0909	7.32		0910	7.03
	1529	1.70		1545	1.43
	2053	6.55		2131	6.41
13 FR	0331	1.32	28 SA	0345	2.19
	0934	7.15		0928	6.72
	1602	1.57		1610	1.60
	2138	6.47		2203	6.13
14 SA	0404	1.78	29 SU	0409	2.75
	0959	6.90		0948	6.32
	1637	1.55		1635	1.88
	2227	6.30		2237	5.82
15 SU	0440	2.37	30 MO ◐	0433	3.31
	1028	6.55		1010	5.85
	1717	1.67		1702	2.25
	2323	6.07		2322	5.50
			31 TU	0503	3.87
				1034	5.32
				1733	2.66

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols ● New Moon ◑ First Quarter ○ Full Moon ◐ Last Quarter

PORT KEATS – NORTHERN TERRITORY

LAT 14° 10' S LONG 129° 34' E

Times and Heights of High and Low Waters

2021

Local Time

SEPTEMBER

	Time	m		Time	m
1 WE	0054	5.26	16 TH	0217	5.82
	0553	4.39		0820	4.24
	1058	4.80		1330	4.74
	1824	3.07		2041	2.75
2 TH	0306	5.44	17 FR	0347	6.11
	0953	4.23		1025	3.73
	1448	4.48		1528	5.05
	2118	3.07		2221	2.39
3 FR	0414	5.83	18 SA	0501	6.57
	1049	3.78		1126	3.03
	1552	4.85		1639	5.63
	2229	2.60		2322	1.87
4 SA	0511	6.27	19 SU	0551	6.99
	1128	3.31		1209	2.39
	1639	5.34		1738	6.23
	2322	2.05			
5 SU	0553	6.69	20 MO	0011	1.45
	1206	2.86		0628	7.27
	1722	5.84		1248	1.87
				1824	6.69
6 MO	0007	1.55	21 TU ○	0052	1.23
	0628	7.05		0701	7.39
	1245	2.39		1323	1.47
	1805	6.30		1902	6.97
7 TU ●	0050	1.16	22 WE	0128	1.23
	0704	7.33		0727	7.37
	1323	1.93		1354	1.20
	1847	6.68		1936	7.09
8 WE	0130	0.95	23 TH	0158	1.40
	0737	7.50		0748	7.27
	1401	1.50		1422	1.05
	1931	6.94		2008	7.07
9 TH	0206	0.95	24 FR	0226	1.69
	0808	7.53		0805	7.12
	1436	1.16		1447	1.01
	2012	7.07		2036	6.96
10 FR	0239	1.16	25 SA	0251	2.05
	0832	7.42		0820	6.92
	1509	0.95		1511	1.09
	2050	7.07		2102	6.78
11 SA	0310	1.55	26 SU	0313	2.46
	0851	7.21		0839	6.64
	1539	0.90		1533	1.31
	2128	6.94		2129	6.54
12 SU	0340	2.07	27 MO	0336	2.89
	0913	6.91		0903	6.24
	1610	1.04		1556	1.66
	2211	6.68		2200	6.25
13 MO	0415	2.69	28 TU	0359	3.35
	0942	6.48		0926	5.76
	1644	1.39		1620	2.09
	2301	6.31		2239	5.90
14 TU ◑	0456	3.38	29 WE ◐	0428	3.83
	1015	5.92		0944	5.26
	1725	1.91		1647	2.59
				2343	5.52
15 WE	0015	5.91	30 TH	0509	4.33
	0602	4.02		0957	4.76
	1056	5.28		1726	3.12
	1829	2.50			

OCTOBER

	Time	m		Time	m
1 FR	0207	5.42	16 SA	0329	6.11
	2032	3.46		1018	3.32
				1540	5.21
				2210	2.80
2 SA	0334	5.75	17 SU	0433	6.47
	1027	3.75		1105	2.63
	1539	4.80		1645	5.87
	2201	2.97		2306	2.37
3 SU	0432	6.20	18 MO	0518	6.80
	1102	3.18		1145	2.02
	1630	5.42		1733	6.46
	2256	2.38		2351	2.06
4 MO	0515	6.66	19 TU	0553	7.00
	1140	2.58		1221	1.54
	1715	6.07		1813	6.90
	2344	1.85			
5 TU	0552	7.05	20 WE	0030	1.91
	1220	1.95		0621	7.06
	1801	6.65		1254	1.20
				1849	7.16
6 WE ●	0027	1.47	21 TH ○	0104	1.93
	0628	7.33		0645	7.02
	1259	1.35		1325	0.97
	1846	7.13		1923	7.27
7 TH	0109	1.30	22 FR	0135	2.06
	0701	7.46		0704	6.93
	1338	0.84		1352	0.85
	1929	7.44		1953	7.27
8 FR	0146	1.36	23 SA	0201	2.26
	0728	7.44		0720	6.82
	1414	0.50		1418	0.85
	2010	7.57		2020	7.20
9 SA	0220	1.63	24 SU	0226	2.50
	0747	7.31		0740	6.66
	1447	0.38		1442	0.96
	2047	7.52		2045	7.06
10 SU	0251	2.04	25 MO	0249	2.76
	0807	7.10		0806	6.40
	1517	0.49		1505	1.22
	2121	7.31		2111	6.87
11 MO	0321	2.53	26 TU	0312	3.06
	0838	6.75		0833	6.05
	1547	0.83		1529	1.58
	2200	6.95		2143	6.59
12 TU	0355	3.07	27 WE	0339	3.40
	0914	6.26		0859	5.63
	1619	1.38		1554	2.03
	2249	6.49		2221	6.25
13 WE ◑	0439	3.66	28 TH	0411	3.78
	0954	5.64		0922	5.20
	1659	2.10		1623	2.53
				2317	5.88
14 TH	0004	6.02	29 FR ◐	0458	4.18
	0557	4.16		0952	4.77
	1051	4.96		1703	3.07
	1802	2.85			
15 FR	0206	5.88	30 SA	0050	5.65
	0900	4.00		0833	4.20
	1409	4.67		1236	4.39
	2040	3.16		1829	3.54
			31 SU	0236	5.77
				0936	3.66
				1515	4.83
				2119	3.32

NOVEMBER

	Time	m		Time	m
1 MO	0343	6.12	16 TU	0430	6.42
	1023	3.02		1111	1.95
	1613	5.51		1717	6.43
	2223	2.84		2325	2.88
2 TU	0429	6.51	17 WE	0506	6.53
	1106	2.30		1148	1.53
	1703	6.23		1758	6.84
	2315	2.39			
3 WE	0509	6.85	18 TH	0005	2.75
	1151	1.58		0535	6.57
	1751	6.90		1223	1.22
				1835	7.13
4 TH	0002	2.09	19 FR ○	0040	2.71
	0546	7.08		0601	6.55
	1233	0.92		1254	1.01
	1837	7.43		1909	7.30
5 FR ●	0047	1.97	20 SA	0113	2.72
	0618	7.17		0624	6.50
	1314	0.41		1324	0.90
	1923	7.78		1942	7.36
6 SA	0128	2.04	21 SU	0142	2.78
	0643	7.15		0647	6.44
	1353	0.13		1353	0.89
	2006	7.90		2011	7.34
7 SU	0205	2.26	22 MO	0209	2.88
	0707	7.05		0714	6.34
	1428	0.12		1420	0.99
	2046	7.82		2038	7.26
8 MO	0239	2.58	23 TU	0236	3.00
	0739	6.85		0744	6.18
	1500	0.35		1448	1.21
	2123	7.55		2106	7.11
9 TU	0312	2.93	24 WE	0303	3.17
	0819	6.51		0817	5.95
	1533	0.81		1514	1.52
	2200	7.18		2138	6.90
10 WE	0350	3.30	25 TH	0333	3.37
	0903	6.04		0849	5.65
	1609	1.45		1543	1.91
	2247	6.73		2216	6.63
11 TH ◑	0442	3.67	26 FR	0411	3.61
	0955	5.46		0926	5.34
	1651	2.21		1615	2.36
	2351	6.30		2301	6.34
12 FR	0613	3.89	27 SA ◐	0503	3.82
	1113	4.91		1016	5.01
	1752	2.97		1656	2.85
				2358	6.09
13 SA	0122	6.05	28 SU	0645	3.85
	0829	3.60		1148	4.78
	1401	4.85		1800	3.33
	1958	3.44			
14 SU	0243	6.08	29 MO	0108	5.97
	0940	3.04		0826	3.46
	1528	5.33		1410	4.94
	2139	3.34		2002	3.57
15 MO	0344	6.24	30 TU	0226	6.04
	1030	2.46		0927	2.85
	1630	5.90		1542	5.55
	2239	3.09		2132	3.40

DECEMBER

	Time	m		Time	m
1 WE	0328	6.25	16 TH	0411	5.98
	1023	2.15		1109	1.86
	1639	6.26		1739	6.60
	2237	3.14		2339	3.53
2 TH	0416	6.47	17 FR	0451	6.03
	1114	1.45		1148	1.55
	1733	6.94		1819	6.95
	2334	2.91			
3 FR	0456	6.65	18 SA	0019	3.35
	1204	0.83		0524	6.07
	1825	7.50		1224	1.31
				1857	7.20
4 SA ●	0025	2.78	19 SU ○	0054	3.21
	0532	6.75		0555	6.11
	1250	0.36		1258	1.14
	1915	7.87		1930	7.35
5 SU	0113	2.75	20 MO	0127	3.12
	0607	6.79		0625	6.16
	1333	0.12		1332	1.06
	2003	8.03		2001	7.41
6 MO	0156	2.81	21 TU	0158	3.08
	0643	6.75		0656	6.19
	1413	0.14		1404	1.07
	2046	7.98		2030	7.40
7 TU	0236	2.91	22 WE	0228	3.06
	0724	6.63		0729	6.17
	1450	0.38		1435	1.18
	2124	7.77		2059	7.35
8 WE	0315	3.03	23 TH	0259	3.07
	0810	6.39		0804	6.09
	1526	0.82		1505	1.38
	2159	7.46		2130	7.23
9 TH	0357	3.14	24 FR	0333	3.11
	0901	6.04		0841	5.95
	1603	1.41		1535	1.68
	2236	7.10		2202	7.06
10 FR	0446	3.24	25 SA	0409	3.15
	1000	5.63		0921	5.76
	1643	2.11		1607	2.06
	2319	6.72		2235	6.84
11 SA ◑	0548	3.30	26 SU	0454	3.18
	1115	5.23		1013	5.54
	1729	2.85		1645	2.53
				2313	6.60
12 SU	0009	6.36	27 MO ◐	0547	3.14
	0709	3.22		1118	5.36
	1259	5.06		1734	3.07
	1831	3.52		2357	6.36
13 MO	0115	6.08	28 TU	0658	2.99
	0832	2.96		1245	5.31
	1445	5.27		1845	3.59
	2024	3.91			
14 TU	0228	5.95	29 WE	0052	6.14
	0936	2.60		0814	2.64
	1557	5.69		1446	5.62
	2154	3.90		2025	3.87
15 WE	0326	5.94	30 TH	0203	6.01
	1027	2.21		0924	2.16
	1653	6.16		1604	6.20
	2253	3.73		2147	3.84
			31 FR	0317	6.05
				1031	1.62
				1709	6.82
				2302	3.66

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Datum of Predictions is Lowest Astronomical Tide

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Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols ● New Moon ◑ First Quarter ○ Full Moon ◐ Last Quarter