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BUNBURY – WESTERN AUSTRALIA

2017

LAT 33° 19’ LONG 115° 40’

Times and Heights of High and Low Waters

Local Time

JANUARY

	Time	m		Time	m
1 SU	0733 2243	0.29 0.85	16 MO	0807 1449 1627 2243	0.37 0.60 0.57 0.73
2 MO	0748 1521 1633 2315	0.32 0.59 0.58 0.80	17 TU	0551 1540 1718 2012	0.39 0.64 0.61 0.70
3 TU	0643 1557 1721 2349	0.36 0.62 0.61 0.74	18 WE	0617 1629 1823 2040	0.38 0.68 0.65 0.69
4 WE	0650 1633 1817 2039	0.39 0.67 0.64 0.69	19 TH	0646 1339 1454 1715	0.39 0.68 0.66 0.72
5 TH	0707 1707 1934 2027	0.41 0.73 0.67 0.67	20 FR ◐	0717 1757	0.40 0.77
6 FR ◑	0355 0438 0725 1741	0.51 0.52 0.44 0.79	21 SA	0442 1536 1614 1831	0.40 0.77 0.76 0.81
7 SA	0403 1816	0.44 0.86	22 SU	0509 1859	0.38 0.84
8 SU	0426 1855	0.36 0.92	23 MO	0523 1913	0.37 0.87
9 MO	0451 1936	0.28 0.97	24 TU	0402 1923	0.34 0.90
10 TU	0456 2017	0.23 0.99	25 WE	0432 1946	0.30 0.93
11 WE	0459 2048	0.18 0.98	26 TH	0504 2017	0.28 0.94
12 TH ○	0535 2023	0.16 0.95	27 FR	0536 2050	0.27 0.94
13 FR	0615 1237 1400 2052	0.18 0.56 0.54 0.92	28 SA ●	0604 1236 1442 2123	0.27 0.59 0.55 0.92
14 SA	0656 1317 1451 2129	0.22 0.56 0.53 0.86	29 SU	0629 1300 1521 2155	0.29 0.60 0.55 0.88
15 SU	0735 2206	0.29 0.80	30 MO	0650 1334 1600 2227	0.32 0.62 0.55 0.83
			31 TU	0547 1416 1644 2300	0.36 0.64 0.56 0.76

FEBRUARY

	Time	m		Time	m
1 WE	0549 1501 1730 2336	0.39 0.68 0.59 0.68	16 TH	0548 1228 1825 2030	0.41 0.74 0.61 0.66
2 TH	0608 1547 1823 2012	0.41 0.72 0.62 0.65	17 FR	0617 1306 1926 2056	0.42 0.78 0.63 0.65
3 FR	0630 1338 1414 1630	0.43 0.72 0.72 0.77	18 SA	0339 0517 0645 1348	0.44 0.46 0.44 0.80
4 SA ◑	0316 0501 0646 1711	0.44 0.47 0.44 0.83	19 SU ◐	0408 1433	0.41 0.82
5 SU	0342 1752	0.37 0.88	20 MO	0431 1527 1654 1822	0.40 0.82 0.81 0.82
6 MO	0410 1834	0.30 0.93	21 TU	0443 1848	0.39 0.86
7 TU	0439 1919	0.26 0.96	22 WE	0409 1916	0.37 0.89
8 WE	0457 2006	0.24 0.96	23 TH	0345 1948	0.35 0.91
9 TH	0447 2054	0.23 0.94	24 FR	0412 2020	0.33 0.92
10 FR	0514 1140 1313 2028	0.24 0.60 0.58 0.90	25 SA	0439 1115 1411 2053	0.33 0.64 0.60 0.92
11 SA ○	0548 1206 1414 2046	0.27 0.62 0.56 0.86	26 SU ●	0506 1131 1447 2122	0.34 0.67 0.57 0.88
12 SU	0624 1242 1504 2120	0.33 0.64 0.55 0.81	27 MO	0533 1201 1524 2147	0.37 0.69 0.55 0.83
13 MO	0653 1321 1553 2159	0.40 0.65 0.56 0.75	28 TU	0454 1239 1602 2215	0.42 0.72 0.54 0.77
14 TU	0453 1402 1641 2238	0.41 0.67 0.57 0.69			
15 WE	0519 1155 1730 2001	0.41 0.69 0.59 0.67			

MARCH

	Time	m		Time	m
1 WE	0442 1324 1644 2247	0.45 0.75 0.55 0.69	16 TH	0445 1126 1733 1946	0.48 0.85 0.57 0.63
2 TH	0501 1414 2122 2323	0.46 0.78 0.56 0.60	17 FR	0515 1200 1820 2016	0.50 0.88 0.58 0.62
3 FR	0130 0303 0527 1504	0.55 0.58 0.47 0.80	18 SA	0233 1235 1910 2043	0.51 0.89 0.60 0.62
4 SA	0205 1247	0.47 0.85	19 SU	0303 1311	0.49 0.90
5 SU ◑	0240 1326 1505 1641	0.39 0.86 0.83 0.86	20 MO ◐	0329 1346	0.47 0.89
6 MO	0313 1728	0.34 0.89	21 TU	0049 1424	0.47 0.87
7 TU	0345 1815	0.32 0.91	22 WE	0130 1511 1652 1809	0.45 0.86 0.84 0.85
8 WE	0412 1905	0.31 0.92	23 TH	0201 1852	0.44 0.88
9 TH	0415 1959	0.33 0.91	24 FR	0230 1147 1321 1935	0.43 0.73 0.72 0.90
10 FR	0411 1056 1300 2056	0.35 0.67 0.66 0.88	25 SA	0259 0955 1400 2018	0.42 0.72 0.67 0.91
11 SA	0438 1100 1352 2150	0.38 0.70 0.62 0.84	26 SU	0330 1006 1436 2106	0.43 0.76 0.63 0.89
12 SU ○	0510 1129 1436 2044	0.42 0.73 0.60 0.80	27 MO	0358 1036 1509 2202	0.46 0.80 0.59 0.84
13 MO	0338 1200 1520 2120	0.49 0.75 0.57 0.76	28 TU ●	0359 1113 1536 2330	0.51 0.84 0.57 0.78
14 TU	0346 1226 1604 2202	0.48 0.76 0.56 0.71	29 WE	0333 1152 1843	0.54 0.88 0.55
15 WE	0415 1056 1648 2246	0.48 0.80 0.56 0.67	30 TH	0055 0349 1232 1956	0.72 0.55 0.90 0.51
			31 FR	0203 0416 1100 2101	0.66 0.56 0.95 0.48

APRIL

	Time	m		Time	m
1 SA	0305 0445 1135	0.61 0.56 0.97	16 SU	1204 1858 2023 2243	1.00 0.59 0.60 0.54
2 SU	0125 1213	0.44 0.97	17 MO	0046 0226 1236 2325	0.59 0.56 0.99 0.53
3 MO	0205 1251 1459 1611	0.40 0.94 0.88 0.90	18 TU	0125 0243 1305	0.57 0.56 0.96
4 TU ◑	0243 1331 1526 1700	0.39 0.90 0.86 0.89	19 WE ◐	0003 1336	0.53 0.94
5 WE	0315 1753	0.40 0.88	20 TH	0036 1415	0.52 0.91
6 TH	0333 1117 1315 1850	0.44 0.79 0.77 0.86	21 FR	0104 1054 1230 1817	0.52 0.84 0.82 0.88
7 FR	0302 1023 1430 2000	0.48 0.76 0.72 0.85	22 SA	0133 1041 1316 1912	0.52 0.81 0.77 0.88
8 SA	0320 0953 1527 2108	0.51 0.80 0.67 0.82	23 SU	0204 0834 1406 2010	0.53 0.86 0.71 0.88
9 SU	0346 1015 1615 2200	0.55 0.83 0.64 0.80	24 MO	0234 0907 1506 2120	0.56 0.91 0.65 0.85
10 MO	0220 1043 1702 2247	0.58 0.86 0.62 0.76	25 TU	0254 0945 1626 2240	0.61 0.96 0.58 0.82
11 TU ○	0236 1051 1533 2129	0.57 0.88 0.60 0.72	26 WE ●	0230 1023 1739 2352	0.64 1.01 0.52 0.78
12 WE	0306 0948 1855 2210	0.57 0.93 0.60 0.70	27 TH	0238 0954 1841	0.65 1.03 0.47
13 TH	0339 1020 1649 2251	0.58 0.97 0.56 0.67	28 FR	0057 0304 0952 1941	0.74 0.65 1.07 0.44
14 FR	0411 1055 1730 2330	0.59 1.00 0.56 0.64	29 SA	0157 0336 1026 2040	0.70 0.64 1.09 0.43
15 SA	0125 1130 2156	0.60 1.01 0.55	30 SU	1104 2139 2322	1.08 0.45 0.48

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +08:00)

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

BUNBURY – WESTERN AUSTRALIA

LAT 33° 19' LONG 115° 40'

Times and Heights of High and Low Waters

2017

Local Time

MAY

	Time	m		Time	m
1 MO	0048 1144	0.46 1.05	16 TU	1205 2239	1.05 0.57
2 TU	0134 1222	0.45 0.99	17 WE	1232 2312	1.02 0.58
3 WE ◑	0214 1259 1517 1633	0.48 0.93 0.87 0.89	18 TH	1302 2343	0.99 0.59
4 TH	0245 1013 1553 1727	0.53 0.88 0.83 0.85	19 FR ◐	1340	0.95
5 FR	0137 1013 1623 1832	0.59 0.86 0.79 0.81	20 SA	0014 1002 1215 1426	0.60 0.89 0.85 0.89
6 SA	0157 0845 1449 2004	0.62 0.87 0.74 0.79	21 SU	0045 0713 1309 1847	0.61 0.92 0.78 0.84
7 SU	0219 0857 1534 2112	0.65 0.92 0.69 0.78	22 MO	0118 0744 1412 2005	0.64 0.98 0.71 0.82
8 MO	0056 0922 1619 2206	0.67 0.96 0.65 0.77	23 TU	0146 0819 1529 2136	0.68 1.04 0.62 0.80
9 TU	0117 0930 1705 2300	0.66 0.99 0.61 0.75	24 WE	0144 0859 1638 2251	0.72 1.10 0.53 0.79
10 WE	0152 0840 1755 2358	0.66 1.03 0.59 0.73	25 TH	0123 0938 1736 2351	0.73 1.14 0.46 0.76
11 TH ○	0229 0911 1848	0.66 1.07 0.57	26 FR ●	0148 0900 1830	0.72 1.16 0.41
12 FR	0101 0303 0947 1941	0.72 0.67 1.09 0.56	27 SA	0047 0223 0921 1924	0.74 0.70 1.17 0.40
13 SA	1025 2030 2329	1.10 0.55 0.67	28 SU	0142 0300 0958 2017	0.71 0.69 1.16 0.42
14 SU	0047 1100 2117	0.65 1.10 0.55	29 MO	1038 2111 2305	1.12 0.46 0.51
15 MO	1135 2200	1.08 0.56	30 TU	0014 1117 1338 1426	0.50 1.06 0.99 0.99
			31 WE	0104 1156 2258	0.53 0.99 0.59

JUNE

	Time	m		Time	m
1 TH ◑	0912 1100 1230 2346	0.93 0.91 0.92 0.64	16 FR	1240 2246	0.97 0.62
2 FR	0118 0221 0935	0.65 0.65 0.91	17 SA ◐	0936 1111 1315 2322	0.90 0.89 0.91 0.65
3 SA	0026 0735 2112	0.68 0.90 0.71	18 SU	0603 2358	0.90 0.68
4 SU	0738 1743 1953 2210	0.95 0.71 0.73 0.70	19 MO	0633 1635 1836	0.97 0.73 0.76
5 MO	0807 1819 2106 2314	1.00 0.68 0.73 0.70	20 TU	0030 0707 1647 2358	0.71 1.04 0.65 0.74
6 TU	0830 1612 2205	1.03 0.63 0.73	21 WE	0050 0745 1545	0.74 1.11 0.55
7 WE	0015 0758 1658 2300	0.70 1.06 0.59 0.74	22 TH	0828 1640 2309	1.16 0.46 0.73
8 TH	0107 0809 1745 2356	0.70 1.10 0.56 0.74	23 FR	0000 0912 1730 2348	0.73 1.18 0.40 0.72
9 FR ○	0151 0844 1830	0.70 1.13 0.54	24 SA ●	0101 0857 1817	0.71 1.18 0.37
10 SA	0051 0230 0920 1915	0.73 0.71 1.14 0.52	25 SU	0902 1905	1.17 0.38
11 SU	0145 0305 0959 1957	0.73 0.71 1.14 0.52	26 MO	0119 0238 0938 1953	0.70 0.68 1.13 0.42
12 MO	1035 2037	1.12 0.53	27 TU	1016 2040	1.07 0.48
13 TU	1110 2113	1.10 0.55	28 WE	1055 2125 2332	1.00 0.55 0.60
14 WE	1141 2144	1.06 0.57	29 TH	0040 1131 2209	0.59 0.93 0.62
15 TH	1209 2213	1.02 0.59	30 FR	0847 1904 2132 2249	0.89 0.64 0.69 0.68

JULY

	Time	m		Time	m
1 SA ◑	0123 0216 0914 1937	0.73 0.72 0.88 0.63	16 SU	0448 0652 0903 1927	0.82 0.78 0.82 0.61
2 SU	0618 1646 1805 2015	0.90 0.66 0.67 0.63	17 MO ◐	0524 1946	0.88 0.63
3 MO	0656 1726 1934 2056	0.95 0.62 0.65 0.64	18 TU	0600 1617 1845 2001	0.95 0.59 0.64 0.63
4 TU	0730 1758	0.99 0.60	19 WE	0640 1642	1.02 0.51
5 WE	0754 1558	1.02 0.58	20 TH	0722 1705	1.08 0.44
6 TH	0747 1641 2305	1.05 0.54 0.70	21 FR	0808 1652	1.12 0.38
7 FR	0002 0754 1724 2347	0.70 1.08 0.50 0.70	22 SA	0859 1719 2345	1.13 0.35 0.66
8 SA	0115 0826 1805	0.69 1.10 0.48	23 SU ●	0028 0956 1759	0.66 1.11 0.34
9 SU ○	0029 0205 0902 1845	0.70 0.68 1.11 0.47	24 MO	1058 1841	1.07 0.37
10 MO	0111 0245 0939 1921	0.70 0.68 1.10 0.48	25 TU	0049 0234 0925 1924	0.67 0.63 1.01 0.43
11 TU	0151 0320 1015 1953	0.69 0.68 1.08 0.50	26 WE	0132 0323 1000 2004	0.68 0.63 0.95 0.50
12 WE	1050 2015	1.04 0.52	27 TH	0219 0410 1036 2042	0.70 0.65 0.88 0.57
13 TH	0303 0424 1122 1900	0.71 0.70 1.00 0.55	28 FR	0307 0458 1113 1800	0.72 0.68 0.81 0.56
14 FR	0336 0504 1152 1900	0.73 0.72 0.94 0.57	29 SA	0358 0551 0830 1831	0.76 0.72 0.80 0.55
15 SA	0927 1002 1224 1910	0.85 0.85 0.88 0.59	30 SU ◑	0448 0655 0900 1904	0.80 0.75 0.79 0.55
			31 MO	0158 0324 0537 1618	0.80 0.79 0.84 0.55

AUGUST

	Time	m		Time	m
1 TU	0255 0406 0620 1654	0.84 0.83 0.88 0.53	16 WE	0532 1550	0.89 0.43
2 WE	0658 1721	0.92 0.51	17 TH	0616 1618	0.94 0.38
3 TH	0728 1526	0.94 0.50	18 FR	0703 1644	0.99 0.34
4 FR	0744 1611	0.97 0.46	19 SA	0754 1639	1.01 0.33
5 SA	0757 1651 2334	1.00 0.44 0.65	20 SU	0849 1655 2313	1.01 0.33 0.62
6 SU	0051 0823 1728 2350	0.65 1.01 0.42 0.65	21 MO	0056 0949 1730 2337	0.61 0.98 0.35 0.64
7 MO	0156 0855 1801	0.63 1.02 0.42	22 TU ●	0157 1047 1808	0.58 0.92 0.40
8 TU ○	0012 0240 0929 1830	0.65 0.61 1.00 0.44	23 WE	0014 0246 0919 1845	0.65 0.56 0.85 0.46
9 WE	0031 0317 1002 1843	0.65 0.59 0.97 0.46	24 TH	0054 0333 0950 1631	0.67 0.55 0.79 0.51
10 TH	0053 0355 1034 1743	0.66 0.59 0.93 0.49	25 FR	1028 1656 2318	0.73 0.50 0.70
11 FR	0133 0433 1105 1746	0.68 0.60 0.87 0.51	26 SA	0508 1107 1726 2358	0.58 0.67 0.49 0.74
12 SA	0227 0515 1136 1800	0.71 0.61 0.80 0.52	27 SU	0558 0816 1759	0.60 0.66 0.49
13 SU	0317 0600 1209 1822	0.74 0.64 0.72 0.54	28 MO	0039 0651 0846 1509	0.78 0.62 0.66 0.49
14 MO	0405 0654 0831 1844	0.79 0.67 0.70 0.55	29 TU ◑	0123 0752 0912 1545	0.80 0.64 0.66 0.46
15 TU ◐	0449 1525 1744 1900	0.84 0.50 0.56 0.55	30 WE	0209 1307 1407 1615	0.80 0.49 0.49 0.45
			31 TH	0301 0443 0623 1633	0.80 0.78 0.80 0.44

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Times are in local standard time (Time Zone UTC +08:00)

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

BUNBURY – WESTERN AUSTRALIA

2017

LAT 33° 19' LONG 115° 40'

Times and Heights of High and Low Waters

Local Time

SEPTEMBER

	Time	m		Time	m
1 FR	0656 1437	0.83 0.42	16 SA	0022 0645 1601 2329	0.66 0.85 0.32 0.62
2 SA	0724 1517	0.86 0.40	17 SU	0115 0744 1550 2229	0.61 0.86 0.34 0.61
3 SU	0753 1549 2241	0.88 0.39 0.61	18 MO	0210 0848 1614 2227	0.57 0.84 0.36 0.63
4 MO	0126 0825 1615 2232	0.59 0.90 0.39 0.62	19 TU	0315 0950 1647 2256	0.54 0.81 0.40 0.66
5 TU	0207 0858 1634 2249	0.56 0.89 0.40 0.64	20 WE ●	0415 1044 1718 2330	0.51 0.76 0.46 0.68
6 WE ○	0244 0930 1640 2313	0.52 0.87 0.42 0.66	21 TH	0305 1132 1523	0.48 0.70 0.48
7 TH	0318 1000 1630 2337	0.50 0.83 0.45 0.68	22 FR	0000 0346 2214	0.69 0.46 0.72
8 FR	0354 1026 1631 2328	0.48 0.77 0.47 0.71	23 SA	0430 1034 1619 2252	0.46 0.59 0.46 0.76
9 SA	0431 1051 1647 2327	0.48 0.70 0.48 0.74	24 SU	0513 1115 1651 2330	0.46 0.55 0.47 0.79
10 SU	0512 1121 1712 2352	0.49 0.62 0.49 0.78	25 MO	0557 0802 1722	0.47 0.52 0.48
11 MO	0954 1547 1737	0.50 0.56 0.50	26 TU	0010 0643 0833 1437	0.80 0.49 0.53 0.43
12 TU	0025 1059 1223 1418	0.80 0.45 0.47 0.42	27 WE	0049 1144 1317 1507	0.79 0.43 0.46 0.42
13 WE ◐	0103 0258 0415 1449	0.81 0.76 0.78 0.36	28 TH ◑	0129 1228	0.77 0.41
14 TH	0145 0318 0504 1519	0.80 0.77 0.81 0.32	29 FR	0210 1310	0.75 0.40
15 FR	0554 1546 2321	0.84 0.31 0.66	30 SA	0258 0444 0611 1345	0.72 0.70 0.71 0.39

OCTOBER

	Time	m		Time	m
1 SU	0652 1414 2300	0.74 0.38 0.61	16 MO	0154 0745 1456 2113	0.55 0.70 0.40 0.65
2 MO	0115 0734 1438 2055	0.59 0.76 0.38 0.63	17 TU	0301 0901 1520 2134	0.49 0.69 0.44 0.69
3 TU	0149 0816 1501 2118	0.54 0.78 0.39 0.66	18 WE	0354 0958 1416 2202	0.45 0.67 0.48 0.72
4 WE	0224 0902 1521 2146	0.49 0.77 0.41 0.69	19 TH	0443 1048 1412 2040	0.41 0.64 0.48 0.74
5 TH	0259 0952 1526 2214	0.45 0.74 0.44 0.72	20 FR ●	0530 1140 1440 2103	0.40 0.60 0.47 0.78
6 FR ○	0330 1058 1521 2218	0.42 0.69 0.47 0.75	21 SA	0620 1240 1512 2141	0.39 0.56 0.47 0.82
7 SA	0400 1227 1533 2210	0.40 0.64 0.48 0.79	22 SU	0436 1347 1545 2221	0.37 0.53 0.48 0.83
8 SU	0716 1341 1558 2235	0.38 0.58 0.49 0.82	23 MO	0514 1121 1249 2300	0.37 0.49 0.47 0.83
9 MO	0826 1445 1627 2311	0.35 0.54 0.49 0.84	24 TU	0553 0745 0924 2339	0.37 0.41 0.38 0.82
10 TU	0929 1136 1300 2349	0.33 0.40 0.37 0.83	25 WE	0634 0818 1015	0.39 0.42 0.38
11 WE	1030 2106 2205	0.32 0.74 0.73	26 TH	0015 0717 0845 1100	0.79 0.42 0.44 0.38
12 TH ◐	0029 1416 2141 2256	0.80 0.30 0.72 0.71	27 FR	0049 1144	0.76 0.39
13 FR	0108 0308 0437 1447	0.76 0.71 0.74 0.30	28 SA ◑	0122 1221 2227	0.73 0.39 0.68
14 SA	0530 1510 2215	0.73 0.33 0.64	29 SU	1250 2214	0.39 0.65
15 SU	0043 0629 1447 2142	0.61 0.71 0.37 0.63	30 MO	0034 0246 1316 1934	0.62 0.65 0.40 0.66
			31 TU	0111 0706 1344 1957	0.56 0.66 0.41 0.70

NOVEMBER

	Time	m		Time	m
1 WE	0153 0806 1409 2025	0.50 0.67 0.43 0.75	16 TH	0400 1007 1247 2015	0.39 0.57 0.51 0.81
2 TH	0244 0913 1427 2054	0.44 0.66 0.47 0.79	17 FR	0445 1056 1322 2000	0.35 0.56 0.50 0.85
3 FR	0349 1024 1419 2115	0.38 0.64 0.50 0.83	18 SA ●	0530 1149 1400 2033	0.32 0.55 0.50 0.88
4 SA ○	0505 1132 1421 2104	0.32 0.62 0.51 0.86	19 SU	0617 1245 1437 2112	0.31 0.54 0.50 0.90
5 SU	0610 1236 1444 2122	0.26 0.58 0.51 0.90	20 MO	0705 1345 1511 2151	0.31 0.53 0.51 0.89
6 MO	0709 1335 1515 2157	0.23 0.55 0.51 0.91	21 TU	0517 2230	0.32 0.88
7 TU	0805 2237	0.22 0.90	22 WE	0551 0722 0841 2308	0.32 0.33 0.32 0.85
8 WE	0902 1958 2051 2317	0.23 0.77 0.77 0.85	23 TH	0628 2110	0.33 0.80
9 TH	0959 1149 1304 2358	0.27 0.31 0.30 0.79	24 FR	0707 0843 1009	0.36 0.38 0.36
10 FR	1058 2101 2252	0.32 0.72 0.69	25 SA	0013 1046 2152 2322	0.77 0.39 0.73 0.72
11 SA ◐	0035 1417 2121	0.72 0.35 0.69	26 SU	0040 1119 2139 2346	0.73 0.41 0.70 0.68
12 SU	0324 0505 1300 2109	0.60 0.63 0.41 0.66	27 MO ◑	0115 1150 2114	0.69 0.43 0.67
13 MO	0350 0612 1329 1957	0.55 0.59 0.45 0.69	28 TU	1222 1848	0.45 0.73
14 TU	0244 0808 1352 2012	0.50 0.57 0.49 0.74	29 WE	0106 0638 1253 1915	0.55 0.57 0.47 0.79
15 WE	0318 0916 1233 2037	0.44 0.57 0.52 0.78	30 TH	0200 0802 1319 1945	0.47 0.57 0.50 0.85

DECEMBER

	Time	m		Time	m
1 FR	0304 0938 1321 2015	0.38 0.57 0.54 0.90	16 SA	0439 1108 1220 1934	0.32 0.53 0.52 0.91
2 SA	0411 1045 1254 2034	0.29 0.58 0.55 0.93	17 SU	0521 1152 1319 2010	0.28 0.54 0.53 0.93
3 SU ○	0509 1139 1321 2029	0.21 0.57 0.54 0.96	18 MO ●	0603 1240 1405 2048	0.27 0.55 0.53 0.94
4 MO	0602 2052	0.16 0.98	19 TU	0645 1330 1445 2128	0.26 0.55 0.54 0.93
5 TU	0653 1322 1438 2130	0.14 0.54 0.52 0.96	20 WE	0723 2206	0.27 0.90
6 WE	0744 2210	0.15 0.92	21 TH	0555 2244	0.30 0.86
7 TH	0834 1930 2026 2251	0.20 0.77 0.77 0.85	22 FR	0620 2317	0.31 0.82
8 FR	0924 1138 1230 2330	0.27 0.34 0.33 0.77	23 SA	0651 2129	0.33 0.77
9 SA	0200 0254 1014 2030	0.69 0.69 0.35 0.73	24 SU	0716 2133 2306	0.36 0.73 0.72
10 SU ◐	0709 0830 1101 2048	0.46 0.47 0.43 0.70	25 MO	0009 0730 2110 2343	0.73 0.40 0.69 0.67
11 MO	0731 0956 1144 1835	0.47 0.50 0.49 0.70	26 TU ◑	0044 0738 1744	0.67 0.42 0.72
12 TU	0756 1124 1215 1900	0.47 0.53 0.53 0.76	27 WE	0757 1810	0.45 0.78
13 WE	0501 1930	0.43 0.81	28 TH	0437 0626 0816 1841	0.48 0.50 0.48 0.85
14 TH	0538 1954	0.40 0.85	29 FR	0446 1915	0.40 0.92
15 FR	0400 1921	0.36 0.88	30 SA	0324 1950	0.32 0.97
			31 SU	0417 2023	0.23 1.00

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +08:00)

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