

Conditions of Use

1) Disclaimer, Attribution and Copyright acknowledgement

- a) Any publication of Bureau tide predictions must acknowledge copyright in the Material in the Commonwealth of Australia represented by the Bureau of Meteorology and must include the following disclaimer:

“The Bureau of Meteorology gives no warranty of any kind whether express, implied, statutory or otherwise in respect to the availability, accuracy, currency, completeness, quality or reliability of the information or that the information will be fit for any particular purpose or will not infringe any third party Intellectual Property rights.

The Bureau's liability for any loss, damage, cost or expense resulting from use of, or reliance on, the information is entirely excluded.”

- b) Where a user creates new products from the Bureau tide predictions the Bureau should be acknowledged and a disclaimer displayed as follows:

“This product is based on Bureau of Meteorology information that has subsequently been modified. The Bureau does not necessarily support or endorse, or have any connection with, the product.

In respect of that part of the information which is sourced from the Bureau, and to the maximum extent permitted by law:

(i) The Bureau makes no representation and gives no warranty of any kind whether express, implied, statutory or otherwise in respect to the availability, accuracy, currency, completeness, quality or reliability of the information or that the information will be fit for any particular purpose or will not infringe any third party Intellectual Property rights; and

(ii) the Bureau's liability for any loss, damage, cost or expense resulting from use of, or reliance on, the information is entirely excluded.”

- 2) The disclaimers required will be displayed with the product or where this is not possible a clear and obvious link to these as part of the copyright or attribution notice will be required to ensure these terms are clearly and adequately brought to the attention of the user.

AUSTRALIA, NORTH-WEST COAST – DERBY

2014

LAT 17° 17' LONG 123° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

JANUARY

Time	m	Time	m	Time	m	Time	m
1	0118 10.86	9	0115 2.30	17	0250 10.86	25	0118 2.78
	0822 1.43		0651 9.87		0937 1.79		0640 9.60
WE	1402 10.49	TH	1326 2.55	FR	1516 10.61	SA	1323 3.15
●	2037 2.20		1912 10.13		2145 2.41		1858 9.97
2	0207 11.24	10	0156 2.95	18	0316 10.88	26	0156 3.29
	0907 1.16		0741 9.09		1005 1.87		0732 8.83
TH	1447 10.82	FR	1408 3.38	SA	1541 10.66	SU	1405 3.87
	2122 1.93		2006 9.42		2214 2.29		2002 9.25
3	0251 11.48	11	0255 3.65	19	0341 10.94	27	0304 3.91
	0950 1.06		0900 8.33		1032 1.79		0930 8.14
FR	1528 11.08	SA	1516 4.23	SU	1604 10.82	MO	1554 4.58
	2204 1.71		2144 8.86		2244 2.04		2221 8.97
4	0332 11.63	12	0502 3.91	20	0408 11.04	28	0541 3.69
	1030 1.00		1103 8.29		1100 1.59		1138 8.65
SA	1605 11.29	SU	1745 4.35	MO	1630 10.99	TU	1816 4.07
	2244 1.51		2332 9.10		2315 1.78		
5	0413 11.65	13	0641 3.14	21	0437 11.04	29	0001 9.69
	1106 0.99		1231 9.00		1130 1.48		0711 2.66
SU	1642 11.41	MO	1903 3.55	TU	1658 11.03	WE	1258 9.63
	2322 1.41				2346 1.73		1933 3.10
6	0453 11.48	14	0045 9.78	22	0506 10.85	30	0111 10.52
	1141 1.10		0739 2.32		1200 1.64		0810 1.83
MO	1719 11.34	TU	1330 9.81	WE	1725 10.89	TH	1355 10.43
			1956 2.87				2029 2.37
7	0000 1.50	15	0137 10.40	23	0018 1.94	31	0203 11.09
	0532 11.10		0825 1.82		0535 10.51		0900 1.38
TU	1215 1.39	WE	1412 10.35	TH	1229 2.05	FR	1439 10.91
	1755 11.09		2038 2.51		1750 10.66	●	2115 1.90
8	0036 1.81	16	0217 10.75	24	0048 2.33		
	0611 10.55		0904 1.70		0603 10.11		
WE	1250 1.88	TH	1447 10.57	FR	1255 2.57		
●	1831 10.68	○	2114 2.42	●	1818 10.41		

FEBRUARY

Time	m	Time	m	Time	m	Time	m
1	0246 11.41	9	0155 3.58	17	0326 11.09	25	0217 3.81
	0942 1.17		0742 8.30		1015 1.48		0826 8.12
SA	1516 11.23	SU	1402 4.38	MO	1544 11.15	TU	1446 4.68
	2157 1.52		2011 8.44		2229 1.46		2132 8.57
2	0325 11.62	10	0301 4.54	18	0352 11.24	26	0448 4.12
	1018 0.99		0957 7.50		1044 1.20		1115 8.37
SU	1551 11.55	MO	1629 5.26	TU	1610 11.35	WE	1750 4.43
	2234 1.15		2302 8.12		2300 1.12		2348 9.29
3	0401 11.77	11	0616 4.14	19	0421 11.26	27	0656 3.06
	1052 0.80		1215 8.30		1114 1.07		1245 9.59
MO	1625 11.79	TU	1849 4.29	WE	1637 11.37	TH	1925 3.13
	2309 0.86				2331 1.07		
4	0438 11.74	12	0032 9.08	20	0449 11.07	28	0103 10.37
	1124 0.73		0724 2.98		1143 1.30		0759 1.97
TU	1659 11.82	WE	1314 9.46	TH	1702 11.19	FR	1342 10.59
	2343 0.82		1945 3.20				2020 2.10
5	0515 11.44	13	0124 10.06	21	0001 1.39		
	1155 0.94		0811 2.14		0515 10.72		
WE	1731 11.56	TH	1355 10.28	FR	1210 1.84		
			2026 2.52		1725 10.95		
6	0015 1.13	14	0203 10.67	22	0029 1.93		
	0547 10.89		0848 1.76		0540 10.35		
TH	1226 1.48	FR	1428 10.68	SA	1233 2.46		
	1801 11.06		2100 2.21		1748 10.73		
7	0047 1.77	15	0235 10.91	23	0055 2.47		
	0618 10.17		0919 1.70		0610 9.91		
FR	1256 2.30	SA	1456 10.82	SU	1255 3.02		
●	1830 10.39	○	2130 2.07	●	1822 10.31		
8	0119 2.61	16	0301 10.98	24	0124 3.03		
	0652 9.32		0947 1.67		0654 9.14		
SA	1326 3.29	SU	1520 10.94	MO	1328 3.74		
	1905 9.51		2159 1.83		1915 9.42		

MARCH

Time	m	Time	m	Time	m	Time	m
1	0156 11.06	9	0048 2.42	17	0239 11.01	25	0106 2.94
	0846 1.37		0613 9.51		0921 1.48		0636 9.24
SA	1424 11.13	SU	1253 3.26	MO	1452 11.18	TU	1313 3.75
●	2105 1.51		1819 9.60	○	2136 1.32		1857 9.36
2	0237 11.37	10	0115 3.41	18	0304 11.14	26	0158 3.69
	0926 1.14		0647 8.53		0951 1.23		0804 8.32
SU	1500 11.41	MO	1318 4.32	TU	1518 11.40	WE	1431 4.59
	2144 1.15		1900 8.44		2208 0.92		2105 8.48
3	0312 11.53	11	0153 4.46	19	0332 11.27	27	0406 4.12
	1000 0.99		0810 7.39		1022 0.96		1045 8.49
MO	1530 11.69	TU	1409 5.43	WE	1546 11.57	TH	1724 4.34
	2217 0.81		2122 7.40		2241 0.63		2330 9.16
4	0345 11.67	12	0530 4.97	20	0402 11.28	28	0631 3.23
	1031 0.77		1145 7.74		1053 0.91		1219 9.73
TU	1601 11.94	WE	1830 4.90	TH	1614 11.55	FR	1910 2.88
	2249 0.50				2313 0.66		
5	0418 11.71	13	0009 8.42	21	0430 11.07	29	0045 10.29
	1101 0.64		0700 3.69		1123 1.22		0738 2.06
WE	1633 12.00	TH	1247 9.04	FR	1640 11.32	SA	1317 10.75
	2320 0.44		1925 3.55		2343 1.09		2003 1.74
6	0452 11.49	14	0101 9.61	22	0457 10.71	30	0139 10.98
	1131 0.81		0745 2.60		1151 1.84		0825 1.42
TH	1704 11.72	FR	1327 10.08	SA	1703 11.04	SU	1401 11.26
	2351 0.79		2002 2.57				2046 1.15
7	0522 10.98	15	0140 10.43	23	0011 1.73	31	0220 11.22
	1200 1.39		0820 1.96		0522 10.34		0903 1.23
FR	1731 11.16	SA	1400 10.68	SU	1215 2.50	MO	1435 11.46
			2035 2.00		1729 10.75	●	2123 0.91
8	0021 1.50	16	0211 10.84	24	0036 2.35		
	0548 10.29		0852 1.67		0552 9.92		
SA	1228 2.27	SU	1427 10.98	MO	1238 3.07		
●	1754 10.46		2106 1.66	●	1801 10.28		

APRIL

Time	m	Time	m	Time	m	Time	m
1	0254 11.28	9	0120 4.10	17	0311 11.13	25	0333 3.75
	0937 1.16		0713 7.86		0959 1.01		1002 8.90
TU	1505 11.64	WE	1333 5.04	TH	1520 11.61	FR	1644 3.91
	2156 0.71		1952 7.54		2219 0.47		2256 9.17
2	0325 11.37	10	0229 4.97	18	0343 11.14	26	0543 3.30
	1007 1.00		1029 7.39		1031 1.01		1139 9.83
WE	1535 11.84	TH	1711 5.38	FR	1551 11.59	SA	1840 2.72
	2227 0.51		2320 7.82		2253 0.57		
3	0358 11.42	11	0606 4.45	19	0414 10.97	27	0015 10.07
	1037 0.88		1158 8.53		1104 1.32		0705 2.32
TH	1607 11.87	FR	1845 4.06	SA	1620 11.36	SU	1243 10.69
	2257 0.50				2326 1.01		1937 1.64
4	0430 11.26	12	0021 8.98	20	0444 10.64	28	0113 10.68
	1107 1.04		0703 3.29		1134 1.88		0756 1.71
FR	1638 11.59	SA	1244 9.65	SU	1649 11.02	MO	1330 11.15
	2327 0.84		1927 2.87		2355 1.65		2022 1.10
5	0459 10.84	13	0103 9.93	21	0514 10.27	29	0158 10.88
	1136 1.57		0743 2.41		1202 2.51		0837 1.52
SA	1704 11.05	SU	1320 10.46	MO	1202 2.51	TU	1409 11.29
	2356 1.51		2002 2.01		1720 10.62	●	2100 0.94
6	0524 10.27	14	0139 10.52	22	0025 2.27	30	0234 10.91
	1203 2.37		0817 1.85		0548 9.86		0912 1.49
SU	1726 10.41	MO	1351 10.95	TU	1232 3.07	WE	1441 11.38
			2037 1.44	●	1800 10.08		2134 0.91
7	0022 2.35	15	0210 10.83	23	0100 2.83		
	0546 9.64		0851 1.49		0637 9.34		
MO	1227 3.23	TU	1420 11.25	WE	1315 3.64		
●	1749 9.67	○	2111 1.01		1900 9.30		
8	0047 3.20	16	0240 11.01	24	0153 3.43		
	0615 8.86		0925 1.21		0800 8.79		
TU	1251 4.11	WE	1449 11.48	TH	1431 4.18		
	1823 8.68		2145 0.66		2049 8.72		

© Copyright Commonwealth of Australia 2012

Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

Moon Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

AUSTRALIA, NORTH-WEST COAST – DERBY

2014

LAT 17° 17' LONG 123° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

MAY

Time	m	Time	m	Time	m	Time	m
1	0307 10.93	9	0152 4.18	17	0327 10.91	25	0434 3.26
	0944 1.43		0812 8.02		1012 1.29		1052 9.77
TH	1512 11.49	FR	1430 4.83	SA	1532 11.52	SU	1756 2.80
	2205 0.87		2104 7.73		2236 0.74		2335 9.65
2	0339 10.96	10	0340 4.52	18	0402 10.84	26	0624 2.78
	1015 1.39		1029 8.20		1047 1.48		1203 10.35
FR	1544 11.48	SA	1707 4.47	SU	1608 11.36	MO	1905 1.91
	2236 0.93		2316 8.34		2311 1.06		
3	0411 10.86	11	0549 3.98	19	0437 10.63	27	0042 10.14
	1045 1.52		1143 9.14		1122 1.85		0725 2.20
SA	1615 11.25	SU	1837 3.35	MO	1644 11.03	TU	1300 10.75
	2306 1.22				2345 1.54		1956 1.37
4	0440 10.57	12	0014 9.26	20	0514 10.34	28	0135 10.41
	1115 1.91		0656 3.05		1156 2.31		0811 1.93
SU	1643 10.84	MO	1230 10.03	TU	1723 10.60	WE	1345 10.93
	2334 1.72		1925 2.30				2038 1.21
5	0505 10.19	13	0058 10.00	21	0019 2.05	29	0218 10.49
	1143 2.47		0741 2.28		0553 10.03		0850 1.89
MO	1707 10.35	TU	1310 10.69	WE	1233 2.75	TH	1422 10.99
			2005 1.52	●	1807 10.09	●	2115 1.27
6	0001 2.31	14	0137 10.48	22	0058 2.50	30	0254 10.51
	0530 9.78		0820 1.77		0642 9.72		0924 1.92
TU	1209 3.07	WE	1346 11.11	TH	1319 3.15	FR	1456 11.01
	1734 9.80		2045 1.02		1906 9.55		2148 1.38
7	0030 2.90	15	0215 10.73	23	0147 2.92	31	0327 10.50
	0601 9.28		0859 1.46		0747 9.43		0957 1.96
WE	1238 3.67	TH	1422 11.37	FR	1424 3.46	SA	1528 10.98
●	1810 9.09	○	2122 0.75		2028 9.10		2219 1.51
8	0102 3.53	16	0250 10.86	24	0300 3.24		
	0647 8.62		0935 1.31		0916 9.36		
TH	1319 4.31	FR	1457 11.51	SA	1600 3.40		
	1909 8.23		2200 0.64		2211 9.14		

JUNE

Time	m	Time	m	Time	m	Time	m
1	0358 10.44	9	0349 4.04	17	0433 10.80	25	0014 9.43
	1028 2.05		1015 8.80		1114 1.60		0656 2.82
SU	1559 10.85	MO	1710 3.74	TU	1643 11.18	WE	1233 10.11
	2249 1.70		2308 8.64		2337 1.27		1932 1.85
2	0426 10.32	10	0545 3.68	18	0513 10.69	26	0117 9.90
	1058 2.21		1133 9.51		1152 1.78		0749 2.37
MO	1627 10.64	TU	1840 2.79	WE	1724 10.83	TH	1329 10.46
	2318 1.92						2020 1.54
3	0451 10.18	11	0013 9.38	19	0014 1.57	27	0206 10.19
	1128 2.43		0700 2.90		0552 10.50		0834 2.20
TU	1655 10.39	WE	1229 10.24	TH	1231 2.05	FR	1412 10.63
	2346 2.17		1933 1.89		1808 10.39	●	2102 1.55
4	0519 10.02	12	0105 9.99	20	0051 1.93	28	0245 10.28
	1158 2.69		0749 2.25		0634 10.25		0912 2.22
WE	1725 10.06	TH	1316 10.78	FR	1314 2.37	SA	1448 10.66
			2019 1.32	●	1856 9.89		2138 1.72
5	0016 2.46	13	0152 10.36	21	0133 2.35	29	0318 10.26
	0550 9.77		0834 1.88		0724 9.94		0945 2.30
TH	1230 3.01	FR	1400 11.10	SA	1404 2.74	SU	1519 10.64
	1800 9.60	○	2102 1.06		1956 9.35		2209 1.88
6	0049 2.83	14	0235 10.57	22	0226 2.85	30	0346 10.23
	0628 9.39		0915 1.68		0829 9.59		1016 2.32
FR	1308 3.39	SA	1440 11.29	SU	1514 3.08	MO	1546 10.61
●	1844 9.01		2143 0.96		2119 8.94		2237 1.95
7	0129 3.30	15	0315 10.71	23	0340 3.31		
	0718 8.94		0956 1.58		1000 9.43		
SA	1355 3.79	SU	1520 11.39	MO	1657 3.12		
	1946 8.42		2222 0.97		2255 9.01		
8	0221 3.78	16	0355 10.80	24	0533 3.37		
	0832 8.61		1035 1.55		1125 9.69		
SU	1507 4.06	MO	1600 11.36	TU	1833 2.49		
	2125 8.17		2300 1.07				

JULY

Time	m	Time	m	Time	m	Time	m
1	0412 10.25	9	0417 4.07	17	0500 11.15	25	0105 9.47
	1045 2.25		1031 8.95		1144 1.05		0736 2.73
TU	1614 10.59	WE	1744 3.34	TH	1715 11.14	FR	1320 10.05
	2305 1.91		2331 8.73				2008 1.78
2	0437 10.31	10	0613 3.55	18	0001 1.02	26	0154 10.07
	1116 2.15		1154 9.65		0538 10.99		0825 2.26
WE	1643 10.54	TH	1903 2.41	FR	1220 1.24	SA	1404 10.48
	2334 1.86				1754 10.68		2052 1.58
3	0505 10.34	11	0042 9.48	19	0035 1.39	27	0232 10.32
	1147 2.12		0723 2.78		0615 10.66		0904 2.15
TH	1713 10.38	FR	1255 10.34	SA	1257 1.66	SU	1440 10.61
			1959 1.70	●	1833 10.08	●	2128 1.68
4	0004 1.93	12	0138 10.07	20	0111 1.97	28	0304 10.33
	0534 10.23		0815 2.23		0652 10.19		0937 2.18
FR	1220 2.25	SA	1346 10.81	SU	1336 2.27	MO	1508 10.59
	1745 10.06	○	2047 1.34		1917 9.38		2157 1.84
5	0035 2.20	13	0225 10.43	21	0149 2.71	29	0330 10.32
	0604 9.99		0902 1.91		0739 9.56		1005 2.15
SA	1253 2.54	SU	1431 11.10	MO	1423 2.99	TU	1533 10.60
●	1817 9.61		2131 1.18		2021 8.61		2223 1.82
6	0107 2.63	14	0306 10.68	22	0242 3.56	30	0354 10.41
	0638 9.65		0945 1.65		0854 8.88		1033 1.93
SU	1329 2.93	MO	1513 11.30	TU	1551 3.60	WE	1559 10.69
	1859 9.08		2212 1.05		2211 8.20		2250 1.63
7	0143 3.14	15	0345 10.91	23	0435 4.08	31	0418 10.59
	0723 9.23		1027 1.37		1052 8.77		1103 1.63
MO	1412 3.37	TU	1554 11.42	WE	1803 3.26	TH	1627 10.74
	1959 8.48		2250 0.92		2354 8.65		2318 1.43
8	0230 3.72	16	0423 11.10	24	0634 3.52		
	0838 8.82		1106 1.12		1218 9.36		
TU	1530 3.74	WE	1635 11.39	TH	1915 2.40		
	2150 8.21		2326 0.87				

AUGUST

Time	m	Time	m	Time	m	Time	m
1	0445 10.67	9	0026 9.13	17	0013 1.11	25	0213 10.49
	1134 1.46		0704 3.15		0546 10.87		0848 1.85
FR	1656 10.62	SA	1244 9.98	SU	1233 1.25	MO	1423 10.70
	2348 1.46		1944 1.98	●	1805 10.12	●	2108 1.51
2	0513 10.57	10	0127 10.01	18	0044 1.87	26	0242 10.59
	1205 1.59		0804 2.30		0616 10.23		0919 1.77
SA	1723 10.32	SU	1340 10.68	MO	1306 2.08	TU	1451 10.73
			2035 1.40		1838 9.33		2135 1.57
3	0016 1.80	11	0214 10.55	19	0115 2.81	27	0307 10.63
	0538 10.33		0854 1.76		0649 9.44		0946 1.66
SU	1235 1.97	MO	1425 11.07	TU	1341 3.03	WE	1515 10.75
	1750 9.93	○	2120 1.13		1922 8.40		2201 1.50
4	0044 2.32	12	0254 10.87	20	0151 3.84	28	0330 10.75
	0602 10.06		0936 1.36		0745 8.44		1015 1.37
MO	1303 2.45	TU	1504 11.29	WE	1432 4.01	TH	1540 10.85
●	1820 9.47		2159 0.94		2100 7.53		2230 1.26
5	0111 2.87	13	0330 11.15	21	0318 4.80	29	0355 10.92
	0635 9.70		1015 0.96		1016 7.82		1045 1.04
TU	1335 2.95	WE	1542 11.46	TH	1735 4.10	FR	1607 10.90
	1903 8.83		2234 0.72		2341 7.98		2259 1.08
6	0145 3.50	14	0404 11.41	22	0621 4.15	30	0422 10.97
	0726 9.07		1052 0.59		1209 8.67		1116 0.91
WE	1424 3.55	TH	1619 11.51	FR	1901 2.96	SA	1635 10.75
	2026 8.03		2308 0.56				2329 1.20
7	0250 4.23	15	0440 11.52	23	0052 9.14	31	0447 10.79
	0923 8.47		1127 0.44		0727 2.97		1146 1.15
TH	1641 3.80	FR	1657 11.30	SA	1308 9.74	SU	1700 10.42
	2256 8.16		2341 0.66		1954 2.00		2357 1.68
8	0525 4.10	16	0515 11.33	24	0137 10.04		
	1129 9.04		1200 0.66		0813 2.17		
FR	1837 2.92	SA	1732 10.81	SU	1350 10.43		
					2035 1.55		

© Copyright Commonwealth of Australia 2012

Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

Moon Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

AUSTRALIA, NORTH-WEST COAST – DERBY

2014

LAT 17° 17' LONG 123° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

SEPTEMBER

Time	m	Time	m	Time	m	Time	m
1	0510 10.51 1215 1.68 MO 1725 10.04	9	0158 10.85 0841 1.32 TU 1414 11.13 2103 1.02	17	0045 2.98 0609 9.39 WE 1306 3.08 1836 8.48	25	0238 10.96 0922 1.15 TH 1453 10.90 2136 1.24
2	0022 2.32 0531 10.27 TU 1241 2.27 1751 9.65	10	0235 11.16 0922 0.91 WE 1450 11.30 2140 0.87	18	0114 4.02 0647 8.33 TH 1342 4.11 1946 7.43	26	0302 11.10 0953 0.86 FR 1518 10.98 2206 1.04
3	0044 2.89 0600 9.95 WE 1306 2.81 1829 9.06	11	0308 11.39 0959 0.58 TH 1525 11.42 2214 0.69	19	0201 5.06 0843 7.25 FR 1635 4.81 2315 7.50	27	0330 11.23 1024 0.60 SA 1546 10.99 2237 0.95
4	0110 3.48 0645 9.25 TH 1347 3.46 1934 8.13	12	0341 11.63 1032 0.28 FR 1600 11.48 2245 0.54	20	0604 4.72 1149 8.07 SA 1839 3.64	28	0357 11.21 1057 0.59 SU 1615 10.82 2308 1.19
5	0209 4.28 0820 8.27 FR 1540 4.07 2222 7.90	13	0415 11.72 1104 0.17 SA 1634 11.31 2316 0.64	21	0027 8.78 0708 3.32 SU 1246 9.31 1929 2.48	29	0423 10.98 1127 0.95 MO 1641 10.48 2336 1.75
6	0449 4.42 1111 8.64 SA 1813 3.30	14	0447 11.49 1137 0.45 SU 1708 10.84 2347 1.15	22	0111 9.87 0748 2.27 MO 1327 10.22 2006 1.79	30	0447 10.66 1156 1.59 TU 1705 10.09
7	0009 9.07 0652 3.24 SU 1233 9.83 1930 2.11	15	0517 10.94 1208 1.14 MO 1737 10.15	23	0145 10.53 0822 1.68 TU 1400 10.68 2038 1.50		
8	0111 10.19 0754 2.05 MO 1330 10.71 2020 1.34	16	0017 1.99 0544 10.22 TU 1237 2.07 1803 9.37	24	0213 10.82 0853 1.39 WE 1427 10.83 2107 1.39		

OCTOBER

Time	m	Time	m	Time	m	Time	m
1	0002 2.44 0511 10.36 WE 1221 2.24 1733 9.72	9	0212 11.35 0901 0.63 TH 1433 11.19 2116 1.03	17	0047 3.97 0614 8.57 FR 1311 3.91 1900 7.93	25	0234 11.31 0929 0.62 SA 1458 10.99 2142 1.11
2	0025 3.02 0540 9.99 TH 1248 2.79 1811 9.20	10	0245 11.50 0937 0.46 FR 1507 11.24 2150 0.94	18	0128 4.84 0730 7.47 SA 1409 4.77 2112 7.32	26	0303 11.41 1002 0.47 SU 1528 11.00 2215 1.11
3	0054 3.57 0625 9.27 FR 1330 3.42 1916 8.38	11	0315 11.66 1010 0.32 SA 1540 11.29 2221 0.85	19	0438 5.23 1100 7.50 SU 1739 4.50 2338 8.30	27	0333 11.37 1036 0.56 MO 1558 10.86 2247 1.36
4	0155 4.27 0800 8.29 SA 1500 4.03 2144 8.10	12	0348 11.70 1042 0.31 SU 1614 11.17 2253 0.96	20	0629 3.97 1207 8.66 MO 1846 3.36	28	0403 11.16 1109 0.94 TU 1627 10.57 2318 1.87
5	0420 4.37 1045 8.55 SU 1734 3.51 2341 9.22	13	0422 11.46 1114 0.62 MO 1646 10.79 2324 1.44	21	0028 9.43 0712 2.76 TU 1251 9.68 1928 2.45	29	0431 10.83 1139 1.55 WE 1656 10.21 2347 2.48
6	0633 3.12 1213 9.76 MO 1906 2.30	14	0452 10.92 1144 1.28 TU 1715 10.20 2353 2.21	22	0105 10.29 0748 1.87 WE 1328 10.36 2002 1.85	30	0501 10.44 1208 2.18 TH 1729 9.84
7	0045 10.39 0735 1.78 TU 1311 10.68 1958 1.45	15	0517 10.23 1213 2.14 WE 1739 9.54	23	0137 10.82 0822 1.28 TH 1359 10.72 2035 1.49	31	0017 3.03 0537 9.98 FR 1240 2.72 1810 9.42
8	0133 11.08 0822 0.98 WE 1356 11.09 2040 1.11	16	0020 3.10 0542 9.48 TH 1240 3.02 1808 8.83	24	0206 11.13 0856 0.89 FR 1428 10.90 2109 1.26		

NOVEMBER

Time	m	Time	m	Time	m	Time	m
1	0055 3.52 0628 9.33 SA 1324 3.25 1915 8.89	9	0255 11.47 0950 0.70 SU 1525 10.99 2200 1.42	17	0211 4.76 0830 7.59 MO 1457 4.62 2146 8.03	25	0315 11.44 1019 0.77 TU 1546 10.89 2230 1.60
2	0154 3.99 0754 8.63 SU 1439 3.71 2103 8.71	10	0328 11.47 1022 0.80 MO 1558 10.93 2231 1.54	18	0441 4.61 1100 7.95 TU 1721 4.32 2326 8.85	26	0349 11.33 1054 1.02 WE 1620 10.75 2306 1.89
3	0347 4.00 1004 8.69 MO 1634 3.54 2257 9.43	11	0401 11.27 1053 1.08 TU 1630 10.68 2303 1.88	19	0621 3.55 1202 8.89 WE 1839 3.40	27	0425 11.07 1128 1.45 TH 1655 10.52 2340 2.30
4	0557 3.08 1139 9.59 TU 1830 2.72	12	0432 10.86 1123 1.57 WE 1658 10.30 2333 2.41	20	0016 9.77 0709 2.45 TH 1248 9.73 1924 2.56	28	0501 10.68 1201 1.93 FR 1731 10.24
5	0009 10.40 0708 1.83 WE 1244 10.40 1929 1.89	13	0500 10.34 1152 2.17 TH 1724 9.87	21	0057 10.52 0750 1.59 FR 1328 10.34 2004 1.96	29	0016 2.71 0543 10.22 SA 1237 2.38 1815 9.95
6	0102 11.04 0758 1.02 TH 1334 10.82 2014 1.51	14	0002 3.02 0527 9.77 FR 1220 2.79 1753 9.40	22	0133 11.01 0829 1.04 SA 1403 10.68 2042 1.62	30	0057 3.07 0632 9.71 SU 1320 2.80 1909 9.65
7	0145 11.31 0840 0.71 FR 1416 10.94 2053 1.43	15	0031 3.61 0600 9.09 SA 1251 3.41 1834 8.80	23	0208 11.29 0906 0.76 SU 1439 10.85 2118 1.47		
8	0222 11.40 0916 0.67 SA 1451 10.97 2128 1.42	16	0110 4.22 0652 8.26 SU 1335 4.08 1945 8.16	24	0242 11.42 0943 0.68 MO 1513 10.92 2155 1.46		

DECEMBER

Time	m	Time	m	Time	m	Time	m
1	0150 3.38 0740 9.17 MO 1417 3.22 2025 9.42	9	0316 11.13 1008 1.40 TU 1548 10.70 2217 2.12	17	0233 4.21 0841 7.96 WE 1501 4.38 2133 8.56	25	0343 11.50 1044 1.05 TH 1616 11.08 2258 1.69
2	0309 3.51 0915 8.90 TU 1541 3.46 2203 9.57	10	0348 11.03 1039 1.59 WE 1618 10.62 2248 2.26	18	0433 4.20 1045 8.14 TH 1710 4.31 2314 9.12	26	0422 11.41 1120 1.17 FR 1653 11.06 2335 1.77
3	0458 3.19 1056 9.25 WE 1735 3.29 2327 10.13	11	0418 10.83 1108 1.82 TH 1645 10.48 2318 2.45	19	0621 3.30 1201 8.95 FR 1841 3.49	27	0502 11.15 1155 1.42 SA 1730 10.91
4	0635 2.28 1212 9.86 TH 1857 2.60	12	0447 10.57 1137 2.07 FR 1712 10.32 2349 2.68	20	0015 9.94 0717 2.27 SA 1256 9.75 1933 2.70	28	0014 1.97 0543 10.75 SU 1230 1.78 1808 10.68
5	0031 10.67 0732 1.48 FR 1314 10.35 1949 2.12	13	0516 10.25 1206 2.36 SA 1741 10.10	21	0103 10.62 0803 1.53 SU 1343 10.32 2017 2.18	29	0052 2.27 0626 10.25 MO 1308 2.23 1851 10.37
6	0124 10.99 0819 1.11 SA 1402 10.60 2032 1.95	14	0021 2.96 0548 9.81 SU 1236 2.73 1814 9.74	22	0146 11.06 0845 1.16 MO 1424 10.66 2100 1.93	30	0135 2.66 0715 9.67 TU 1351 2.77 1945 9.96
7	0206 11.11 0900 1.09 SU 1443 10.69 2111 1.97	15	0056 3.34 0627 9.22 MO 1312 3.24 1856 9.25	23	0226 11.31 0927 1.03 TU 1502 10.85 2140 1.81	31	0230 3.10 0825 9.05 WE 1449 3.41 2102 9.55
8	0243 11.15 0936 1.22 MO 1516 10.72 2145 2.04	16	0137 3.79 0717 8.52 TU 1355 3.84 1957 8.73	24	0304 11.45 1005 1.01 WE 1540 10.99 2219 1.72		

© Copyright Commonwealth of Australia 2012

Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

Moon Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter