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AUSTRALIA, EAST COAST – TOWNSVILLE

LAT 19° 15' S LONG 146° 50' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

JANUARY

FEBRUARY

MARCH

APRIL

Time m		Time m		Time m		Time m		Time m							
1	0054 0.61 0704 3.28 TH 1338 1.23 1854 2.81	16	0014 0.99 0645 2.97 FR 1306 1.47 1802 2.71	1	0158 0.71 0806 3.48 SU 1448 1.22 2001 2.78	16	0057 0.64 0723 3.64 MO 1358 1.02 1909 3.15	1	0116 0.92 0718 3.37 SU 1402 1.16 1928 2.80	16	0000 1.02 0625 3.41 MO 1302 1.08 1821 2.96	1	0151 1.10 0739 3.25 WE 1416 1.12 2000 2.94	16	0105 0.73 0705 3.71 TH 1347 0.54 1931 3.53
2	0131 0.56 0742 3.42 FR 1420 1.21 1930 2.79	17	0042 0.79 0712 3.24 SA 1340 1.31 1837 2.86	2	0222 0.73 0834 3.49 MO 1514 1.26 2028 2.78	17	0131 0.41 0757 3.89 TU 1433 0.85 1951 3.35	2	0147 0.89 0745 3.41 MO 1429 1.17 1953 2.86	17	0040 0.75 0657 3.68 TU 1337 0.86 1900 3.25	2	0210 1.12 0801 3.22 TH 1428 1.12 2021 2.99	17	0147 0.65 0742 3.74 FR 1420 0.44 2014 3.70
3	0203 0.56 0816 3.49 SA 1457 1.22 2004 2.74	18	0111 0.58 0743 3.50 SU 1416 1.16 1916 3.01	3	0241 0.78 0902 3.46 TU 1536 1.32 2053 2.76	18	0208 0.26 0834 4.05 WE 1509 0.74 2035 3.48	3	0210 0.91 0810 3.41 TU 1448 1.20 2016 2.89	18	0117 0.53 0732 3.89 WE 1410 0.67 1941 3.50	3	0227 1.15 0822 3.17 FR 1437 1.10 2042 3.03	18	0229 0.67 0822 3.66 SA 1455 0.43 2058 3.77
4	0230 0.60 0850 3.51 SU 1531 1.27 2036 2.68	19	0143 0.39 0817 3.74 MO 1453 1.03 1958 3.14	4	0259 0.85 0931 3.39 WE 1554 1.38 ○ 2117 2.72	19	0246 0.24 0914 4.08 TH 1548 0.71 ● 2121 3.51	4	0227 0.94 0834 3.39 WE 1502 1.24 2037 2.91	19	0155 0.40 0808 4.00 TH 1444 0.55 2024 3.67	4	0246 1.21 0843 3.10 SA 1449 1.07 ○ 2105 3.05	19	0317 0.81 0902 3.45 SU 1533 0.52 ● 2144 3.70
5	0253 0.67 0924 3.46 MO 1603 1.35 ○ 2107 2.60	20	0218 0.26 0855 3.91 TU 1533 0.94 ● 2044 3.20	5	0317 0.95 0958 3.28 TH 1613 1.44 2140 2.64	20	0327 0.36 0955 3.96 FR 1631 0.77 2209 3.41	5	0242 0.99 0858 3.33 TH 1514 1.26 2058 2.91	20	0235 0.40 0847 3.97 FR 1521 0.53 ● 2109 3.71	5	0306 1.29 0903 3.00 SU 1505 1.07 2133 3.04	20	0409 1.04 0945 3.15 MO 1613 0.70 2232 3.53
6	0316 0.78 0957 3.37 TU 1634 1.44 2136 2.50	21	0257 0.23 0937 3.96 WE 1616 0.93 2133 3.18	6	0336 1.10 1025 3.14 FR 1635 1.51 2207 2.55	21	0412 0.64 1037 3.69 SA 1719 0.92 2301 3.22	6	0259 1.06 0921 3.24 FR 1526 1.27 ○ 2121 2.88	21	0318 0.55 0928 3.80 SA 1559 0.61 2155 3.63	6	0328 1.41 0926 2.88 MO 1526 1.10 2204 3.00	21	0510 1.31 1029 2.79 TU 1658 0.96 2323 3.29
7	0337 0.92 1030 3.23 WE 1706 1.54 2204 2.37	22	0338 0.34 1020 3.89 TH 1704 0.97 2225 3.07	7	0354 1.28 1054 2.97 SA 1703 1.59 2238 2.43	22	0506 1.03 1122 3.31 SU 1817 1.12 2359 2.96	7	0317 1.18 0945 3.11 SA 1541 1.30 2147 2.83	22	0406 0.83 1009 3.48 SU 1642 0.79 2244 3.44	7	0351 1.57 0953 2.72 TU 1551 1.17 2244 2.91	22	0625 1.56 1120 2.43 WE 1754 1.24
8	0359 1.10 1104 3.07 TH 1745 1.64 2238 2.24	23	0425 0.58 1106 3.69 FR 1759 1.08 2320 2.89	8	0410 1.49 1124 2.78 SU 1748 1.67 2322 2.30	23	0624 1.45 1214 2.89 MO 1931 1.31	8	0335 1.33 1008 2.96 SU 1559 1.36 2216 2.74	23	0506 1.20 1053 3.08 MO 1733 1.04 2339 3.16	8	0428 1.75 1029 2.52 WE 1624 1.30 2334 2.79	23	0024 3.02 0807 1.67 TH 1235 2.12 1917 1.49
9	0421 1.30 1140 2.89 FR 1836 1.71 2323 2.09	24	0519 0.92 1155 3.39 SA 1904 1.19	9	0425 1.71 1159 2.58 MO 1859 1.73	24	0121 2.72 0820 1.74 TU 1332 2.50 2107 1.38	9	0352 1.52 1032 2.78 MO 1621 1.43 2254 2.63	24	0626 1.55 1143 2.65 TU 1840 1.31	9	0650 1.89 1124 2.31 TH 1717 1.46	24	0159 2.83 0954 1.58 FR 1516 2.05 2114 1.59
10	0439 1.53 1221 2.70 SA 1955 1.74	25	0025 2.68 0636 1.31 SU 1252 3.04 2021 1.25	10	0031 2.18 0438 1.95 TU 1250 2.40 2025 1.72	25	0338 2.71 1032 1.72 WE 1604 2.37 2240 1.29	10	0411 1.73 1101 2.59 TU 1651 1.54 2348 2.51	25	0051 2.89 0819 1.76 WE 1259 2.28 2020 1.49	10	0042 2.68 0846 1.88 FR 1254 2.14 1922 1.58	25	0352 2.82 1110 1.40 SA 1700 2.21 2241 1.54
11	0034 1.97 0454 1.76 SU 1314 2.54 2133 1.67	26	0158 2.53 0826 1.61 MO 1415 2.73 2145 1.20	11	0558 2.21 1004 2.04 WE 1420 2.28 2203 1.60	26	0520 2.93 1158 1.50 TH 1736 2.49 ● 2348 1.13	11	0437 1.96 1148 2.38 WE 1809 1.66	26	0300 2.78 1025 1.66 TH 1554 2.19 2206 1.48	11	0240 2.67 1026 1.68 SA 1507 2.15 2113 1.54	26	0501 2.90 1158 1.25 SU 1751 2.40 ● 2343 1.45
12	1432 2.44 2235 1.52 MO	27	0401 2.63 1027 1.66 TU 1609 2.61 ● 2303 1.06	12	0535 2.47 1128 1.87 TH 1608 2.33 ● 2303 1.40	27	0614 3.15 1250 1.31 FR 1826 2.62	12	0109 2.41 0915 2.03 TH 1314 2.20 2026 1.68	27	0450 2.92 1143 1.43 FR 1730 2.37 ● 2323 1.35	12	0425 2.88 1119 1.42 SU 1635 2.38 ● 2238 1.36	27	0542 2.96 1234 1.15 MO 1826 2.56
13	0547 2.24 1049 1.90 TU 1552 2.43 ● 2314 1.36	28	0528 2.89 1157 1.52 WE 1729 2.63	13	0556 2.75 1213 1.66 FR 1708 2.47 2345 1.16	28	0038 0.99 0650 3.30 SA 1330 1.20 1900 2.73	13	0420 2.52 1104 1.83 FR 1535 2.20 2208 1.54	28	0546 3.08 1230 1.26 SA 1815 2.54	13	0515 3.14 1200 1.16 MO 1727 2.67 2336 1.13	28	0027 1.36 0614 3.00 TU 1303 1.10 1854 2.70
14	0602 2.48 1148 1.77 WE 1647 2.48 2345 1.18	29	0002 0.91 0624 3.13 TH 1256 1.36 1822 2.68	14	0622 3.04 1250 1.45 SA 1751 2.67	14	0517 2.81 1151 1.58 SA 1654 2.40 ● 2313 1.29	14	0517 2.81 1151 1.58 SA 1654 2.40 ● 2313 1.29	29	0016 1.22 0621 3.18 SU 1306 1.15 1847 2.68	14	0554 3.38 1238 0.92 TU 1809 2.98	29	0102 1.31 0640 3.02 WE 1325 1.07 1919 2.81
15	0622 2.72 1230 1.63 TH 1727 2.58	30	0050 0.79 0704 3.31 FR 1341 1.25 1901 2.73	15	0021 0.90 0652 3.35 SU 1324 1.23 1829 2.91	15	0552 3.11 1228 1.33 SU 1741 2.67	15	0552 3.11 1228 1.33 SU 1741 2.67	30	0056 1.14 0650 3.23 MO 1336 1.11 1914 2.79	15	0023 0.91 0630 3.58 WE 1313 0.71 1850 3.28	30	0129 1.29 0704 3.02 TH 1341 1.04 1942 2.91
31	0128 0.73 0736 3.42 SA 1417 1.21 1933 2.76							31	0127 1.10 0716 3.25 TU 1400 1.11 1938 2.87						

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Datum of Predictions is Lowest Astronomical Tide
Moon Symbols

● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

Bureau of Meteorology

National Tidal Centre

AUSTRALIA, EAST COAST – TOWNSVILLE

LAT 19° 15' S LONG 146° 50' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

MAY		JUNE		JULY		AUGUST	
Time	m	Time	m	Time	m	Time	m
1	0153 1.29	16	0147 0.91	1	0258 1.18	16	0354 1.11
FR	0725 3.00	SA	0721 3.34	WE	0749 2.74	TH	0903 2.55
	1354 1.00	SA	1401 0.41		1411 0.49	●	1519 0.66
	2004 3.00		2007 3.63		2058 3.46	●	2147 3.39
2	0215 1.29	17	0233 0.92	2	0306 1.32	17	0429 1.20
SA	0744 2.96	TH	0801 3.23	TH	0804 2.75	FR	0938 2.45
	1405 0.95	SU	1437 0.41	TU	1423 0.66	●	1545 0.80
	2027 3.08		2051 3.70		2112 3.32	○	2221 3.26
3	0240 1.31	18	0321 1.01	3	0344 1.32	18	0502 1.30
SU	0804 2.92	MO	0843 3.06	WE	0841 2.71	SA	1013 2.34
	1420 0.89	●	1514 0.50	○	1456 0.65	SA	1611 0.98
	2052 3.15		2136 3.66		2150 3.37		2254 3.08
4	0307 1.36	19	0411 1.15	4	0430 1.34	19	0539 1.41
MO	0828 2.86	TU	0926 2.82	TH	0926 2.62	SU	1051 2.21
	1440 0.85	TU	1553 0.66	TH	1535 0.70	SA	1637 1.18
○	2122 3.19		2221 3.53		2232 3.35		2327 2.88

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Moon Symbols

● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

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