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AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

JANUARY

Time	m	Time	m
1	0146 0.38	16	0059 0.75
	0821 3.69		0747 3.32
TH	1440 0.89	FR	1403 1.18
	2029 2.96		1936 2.78
2	0230 0.37	17	0142 0.59
	0906 3.81		0829 3.59
FR	1527 0.84	SA	1448 1.00
	2114 2.89		2022 2.86
3	0309 0.39	18	0221 0.43
	0946 3.85		0910 3.82
SA	1608 0.84	SU	1530 0.86
	2154 2.81		2108 2.93
4	0345 0.43	19	0301 0.30
	1023 3.84		0951 4.01
SU	1645 0.87	MO	1611 0.73
	2230 2.74		2154 3.00
5	0418 0.50	20	0343 0.21
	1056 3.98		1033 4.14
MO	1720 0.71	TU	1654 0.63
☉	2305 2.67	☉	2243 3.06
6	0450 0.60	21	0430 0.19
	1129 3.68		1116 4.19
TU	1753 0.98	WE	1737 0.57
	2337 2.60		2332 3.09
7	0520 0.72	22	0518 0.25
	1200 3.56		1200 4.12
WE	1826 1.04	TH	1823 0.57
8	0511 2.54	23	0022 3.08
	0552 0.86		0608 0.42
TH	1231 3.41	FR	1245 3.94
	1900 1.11		1912 0.61
9	0047 2.48	24	0115 3.04
	0627 1.04		0701 0.66
FR	1304 3.24	SA	1333 3.67
	1938 1.17		2006 0.69
10	0129 2.41	25	0215 2.98
	0707 1.24		0801 0.95
SA	1340 3.05	SU	1428 3.36
	2023 1.22		2108 0.76
11	0221 2.36	26	0328 2.97
	0759 1.45		0921 1.20
SU	1424 2.85	MO	1539 3.07
	2119 1.25		2218 0.79
12	0332 2.36	27	0449 3.06
	0910 1.62		1056 1.30
MO	1525 2.69	TU	1703 2.89
	2222 1.20	☉	2328 0.76
13	0455 2.49	28	0607 3.26
	1039 1.66		1228 1.22
TU	1639 2.61	WE	1823 2.84
☉	2321 1.09		
14	0605 2.73	29	0035 0.68
	1204 1.56		0714 3.50
WE	1748 2.63	TH	1341 1.05
			1931 2.87
15	0013 0.93	30	0133 0.59
	0700 3.03		0809 3.69
TH	1311 1.37	FR	1435 0.91
	1845 2.70		2024 2.91
31	0221 0.54		
	0854 3.80		
	SA 1519 0.84		
	2109 2.92		

FEBRUARY

Time	m	Time	m
1	0300 0.53	16	0201 0.51
	0933 3.82		0847 3.90
SU	1556 0.83	MO	1509 0.75
	2145 2.90		2055 3.08
2	0334 0.56	17	0246 0.34
	1006 3.80		0930 4.09
MO	1628 0.87	TU	1550 0.60
	2217 2.87		2143 3.23
3	0404 0.60	18	0331 0.22
	1037 3.74		1013 4.21
TU	1656 0.91	WE	1630 0.48
	2247 2.84		2229 3.35
4	0432 0.66	19	0418 0.19
	1106 3.66		1056 4.22
WE	1723 0.95	TH	1712 0.41
☉	2315 2.82	☉	2316 3.43
5	0501 0.74	20	0506 0.26
	1134 3.56		1139 4.10
TH	1749 0.99	FR	1755 0.42
	2344 2.80		
6	0530 0.86	21	0004 3.44
	1201 3.42		0556 0.44
FR	1817 1.04	SA	1224 3.86
			1840 0.51
7	0016 2.75	22	0054 3.38
	0602 1.02		0649 0.71
SA	1230 3.26	SU	1309 3.53
	1848 1.11		1928 0.66
8	0050 2.69	23	0148 3.28
	0635 1.21		0748 1.01
SU	1259 3.06	MO	1401 3.15
	1921 1.19		2024 0.84
9	0130 2.63	24	0255 3.17
	0714 1.41		0908 1.27
MO	1332 2.85	TU	1511 2.82
	2001 1.26		2136 0.98
10	0220 2.57	25	0418 3.15
	0812 1.60		1045 1.35
TU	1416 2.64	WE	1646 2.64
	2056 1.31		2257 1.01
11	0332 2.58	26	0541 3.26
	0939 1.71		1217 1.24
WE	1529 2.49	TH	1813 2.67
	2210 1.28	☉	
12	0501 2.74	27	0013 0.94
	1119 1.64		0653 3.45
TH	1702 2.48	FR	1328 1.03
☉	2322 1.14		1923 2.80
13	0614 3.02	28	0117 0.83
	1240 1.42		0749 3.61
FR	1815 2.60	SA	1419 0.87
			2015 2.93
14	0023 0.93	29	0023 0.93
	0713 3.34		0713 3.34
SA	1339 1.17		1339 1.17
	1916 2.76		1916 2.76
15	0115 0.71	30	0115 0.71
	0802 3.65		0802 3.65
SU	1427 0.94		1427 0.94
	2008 2.93		2008 2.93

MARCH

Time	m	Time	m
1	0206 0.74	16	0050 0.83
	0834 3.71		0732 3.67
SU	1500 0.80	MO	1402 0.80
	2056 3.01		1954 3.03
2	0246 0.70	17	0142 0.61
	0911 3.72		0821 3.89
MO	1533 0.79	TU	1445 0.60
	2130 3.03		2043 3.26
3	0319 0.70	18	0230 0.44
	0943 3.68		0906 4.03
TU	1602 0.82	WE	1525 0.45
	2159 3.04		2128 3.45
4	0347 0.72	19	0317 0.33
	1011 3.62		0950 4.08
WE	1626 0.85	TH	1604 0.33
	2225 3.05		2214 3.62
5	0414 0.76	20	0405 0.30
	1038 3.55		1033 4.03
TH	1649 0.87	FR	1644 0.28
	2252 3.06	☉	2300 3.72
6	0442 0.83	21	0454 0.38
	1105 3.45		1117 3.87
FR	1713 0.90	SA	1726 0.32
☉	2320 3.06		2346 3.74
7	0512 0.92	22	0546 0.55
	1132 3.32		1201 3.59
SA	1739 0.94	SU	1808 0.44
	2350 3.03		
8	0543 1.06	23	0033 3.67
	1158 3.15		0638 0.79
SU	1803 1.01	MO	1246 3.25
			1852 0.64
9	0021 2.99	24	0123 3.52
	0614 1.22		0739 1.06
MO	1224 2.96	TU	1337 2.88
	1827 1.08		1942 0.88
10	0055 2.93	25	0222 3.34
	0649 1.38		0858 1.26
TU	1251 2.76	WE	1446 2.57
	1854 1.17		2049 1.11
11	0137 2.86	26	0343 3.21
	0741 1.54		1029 1.31
WE	1332 2.57	TH	1626 2.44
	1940 1.26		2218 1.23
12	0234 2.82	27	0506 3.22
	0902 1.63		1154 1.19
TH	1441 2.41	FR	1755 2.53
	2058 1.32	☉	2343 1.19
13	0401 2.87	28	0620 3.32
	1043 1.57		1301 1.00
FR	1625 2.38	SA	1904 2.73
	2232 1.26		
14	0528 3.09	29	0052 1.07
	1209 1.34		0718 3.44
SA	1752 2.55	SU	1350 0.85
☉	2349 1.07		1954 2.92
15	0636 3.38	30	0143 0.95
	1312 1.05		0803 3.52
SU	1859 2.79	MO	1429 0.76
			2034 3.05
31	0224 0.88		
	0841 3.53		
	TU 1501 0.74		
	2107 3.13		

APRIL

Time	m	Time	m
1	0257 0.86	16	0217 0.58
	0912 3.49		0841 3.82
WE	1528 0.75	TH	1459 0.32
	2136 3.18		2115 3.62
2	0327 0.86	17	0307 0.50
	0940 3.43		0926 3.79
TH	1552 0.76	FR	1538 0.24
	2203 3.22		2159 3.80
3	0355 0.88	18	0356 0.49
	1008 3.35		1011 3.68
FR	1615 0.77	SA	1618 0.21
	2230 3.26		2244 3.91
4	0425 0.93	19	0446 0.54
	1035 3.24		1056 3.49
SA	1638 0.78	SU	1658 0.27
☉	2258 3.28	☉	2328 3.93
5	0456 1.00	20	0536 0.67
	1102 3.11		1141 3.24
SU	1701 0.81	MO	1741 0.41
	2328 3.28		
6	0529 1.10	21	0013 3.84
	1129 2.96		0630 0.85
MO	1723 0.86	TU	1226 2.94
	2359 3.26		1823 0.63
7	0602 1.21	22	0059 3.66
	1156 2.80		0729 1.04
TU	1746 0.93	WE	1316 2.65
			1908 0.88
8	0033 3.21	23	0151 3.44
	0642 1.32		0842 1.18
WE	1228 2.63	TH	1421 2.41
	1815 1.01		2003 1.14
9	0113 3.15	24	0258 3.24
	0735 1.42		1001 1.22
TH	1315 2.48	FR	1555 2.32
	1902 1.12		2126 1.33
10	0206 3.09	25	0418 3.14
	0848 1.46		1114 1.14
FR	1425 2.36	SA	1720 2.41
	2015 1.24		2257 1.37
11	0320 3.08	26	0532 3.14
	1018 1.37		1219 1.00
SA	1603 2.37	SU	1831 2.61
	2152 1.25	☉	

AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' 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	0305 0.99	16	0302 0.67	1	0353 1.00	16	0437 0.72	1	0414 0.85	16	0508 0.73	1	0515 0.48	16	0541 0.78
	0906 3.18		0908 3.40		0936 2.81		1028 2.84		0952 2.72		1056 2.67		1110 2.94		1139 2.68
FR	1516 0.67	SA	1515 0.21	MO	1533 0.54	TU	1621 0.32	WE	1543 0.35	TH	1642 0.45	SA	1656 0.17	SU	1724 0.71
	2138 3.33		2146 3.88		2216 3.58		2258 3.90		2233 3.78		2318 3.69		2338 3.95		2352 3.27
2	0336 0.98	17	0352 0.65	2	0430 0.97	17	0521 0.75	2	0454 0.78	17	0543 0.78	2	0559 0.44	17	0608 0.83
	0935 3.10		0954 3.28		1011 2.76		1110 2.72		1036 2.74		1132 2.61		1159 2.97		1210 2.64
SA	1540 0.66	SU	1556 0.21	TU	1602 0.51	WE	1659 0.43	TH	1623 0.31	FR	1716 0.56	SU	1745 0.27	MO	1756 0.86
	2206 3.40		2230 3.97		2251 3.65		2337 3.81		2313 3.86		2351 3.56				
3	0409 1.00	18	0441 0.67	3	0508 0.95	18	0605 0.82	3	0536 0.72	18	0617 0.85	3	0021 3.83	18	0021 3.09
	1004 3.01		1039 3.11		1049 2.70		1152 2.61		1123 2.75		1207 2.55		0645 0.44		0638 0.90
SU	1604 0.66	MO	1637 0.28	WE	1635 0.51	TH	1737 0.58	FR	1707 0.32	SA	1749 0.70	MO	1249 2.97	TU	1244 2.59
	2237 3.46		2312 3.97		2327 3.69				2355 3.86				1836 0.46		1831 1.04
4	0443 1.03	19	0529 0.74	4	0550 0.94	19	0015 3.65	4	0621 0.68	19	0023 3.40	4	0107 3.61	19	0050 2.89
	1035 2.90		1124 2.92		1132 2.65		0649 0.91		1212 2.74		0650 0.91		0735 0.50		0710 0.99
MO	1629 0.67	TU	1717 0.41	TH	1715 0.54	FR	1233 2.49	SA	1304 0.71	SU	1242 2.49	TU	1344 2.94	WE	1322 2.52
	2308 3.49		2355 3.87		1814 0.76		1814 0.76		1755 0.41		1823 0.87		1932 0.70		1911 1.24
5	0519 1.07	20	0620 0.85	5	0007 3.68	20	0052 3.46	5	0038 3.79	20	0054 3.21	5	0157 3.32	20	0122 2.67
	1106 2.79		1209 2.71		0635 0.94		0734 0.99		0709 0.67		0725 0.98		0830 0.57		0749 1.08
TU	1654 0.70	WE	1758 0.61	FR	1219 2.59	SA	1316 2.39	SU	1304 2.72	MO	1321 2.43	WE	1448 2.91	TH	1408 2.45
	2341 3.49				1800 0.62		1852 0.96		1845 0.56		1901 1.07		2041 0.96		2004 1.43
6	0557 1.12	21	0038 3.70	6	0050 3.62	21	0131 3.26	6	0125 3.64	21	0129 3.01	6	0259 3.01	21	0203 2.45
	1141 2.67		0713 0.98		0725 0.94		0823 1.06		0802 0.67		0806 1.05		0936 0.62		0839 1.15
WE	1724 0.75	TH	1256 2.52	SA	1312 2.54	SU	1406 2.32	MO	1401 2.71	TU	1406 2.37	TH	1606 2.95	FR	1512 2.43
			1839 0.84		1852 0.75		1937 1.17		1942 0.75		1947 1.28		2211 1.11		2122 1.55
7	0018 3.46	22	0122 3.48	7	0139 3.53	22	0215 3.05	7	0218 3.45	22	0209 2.79	7	0420 2.78	22	0308 2.27
	0640 1.17		0813 1.08		0824 0.92		0919 1.09		0902 0.65		0855 1.10		1048 0.61		0947 1.15
TH	1222 2.55	FR	1351 2.36	SU	1413 2.52	MO	1511 2.29	TU	1509 2.74	WE	1507 2.34	FR	1726 3.10	SA	1638 2.53
	1802 0.83		1925 1.07		1952 0.90		2036 1.36		2051 0.95		2049 1.47		2346 1.08		2302 1.51
8	0100 3.40	23	0212 3.26	8	0238 3.43	23	0310 2.87	8	0322 3.24	23	0302 2.59	8	0543 2.69	23	0441 2.23
	0733 1.21		0920 1.13		0931 0.84		1017 1.08		1008 0.61		0954 1.10		1158 0.55		1100 1.06
FR	1314 2.45	SA	1505 2.28	MO	1528 2.58	TU	1628 2.34	WE	1627 2.85	TH	1626 2.39	SA	1840 3.32	SU	1754 2.76
	1853 0.95		2024 1.29		2106 1.03		2155 1.49		2216 1.08		2215 1.56				
9	0151 3.34	24	0315 3.08	9	0347 3.34	24	0417 2.74	9	0436 3.07	24	0415 2.45	9	0108 0.92	24	0025 1.31
	0839 1.20		1024 1.11		1038 0.71		1112 1.02		1113 0.53		1056 1.04		0659 2.71		0556 2.33
SA	1420 2.39	SU	1625 2.31	TU	1648 2.75	WE	1740 2.49	TH	1743 3.06	FR	1742 2.57	SU	1303 0.47	MO	1202 0.87
	2001 1.08		2149 1.43		2231 1.07		2320 1.50		2346 1.08		2346 1.50		1941 3.53		1853 3.06
10	0256 3.29	25	0427 2.98	10	0500 3.29	25	0522 2.69	10	0551 2.97	25	0527 2.43	10	0210 0.74	25	0123 1.06
	0956 1.10		1124 1.04		1140 0.56		1202 0.92		1215 0.45		1152 0.92		0800 2.77		0656 2.50
SU	1546 2.44	MO	1739 2.46	WE	1801 3.00	TH	1840 2.71	FR	1853 3.31	SA	1843 2.82	MO	1357 0.40	TU	1254 0.66
	2125 1.15		2313 1.44		2352 1.03								2032 3.67		1942 3.35
11	0415 3.31	26	0532 2.95	11	0607 3.26	26	0033 1.41	11	0108 0.97	26	0058 1.33	11	0259 0.64	26	0209 0.84
	1108 0.90		1217 0.93		1237 0.42		0619 2.68		0702 2.91		0628 2.48		0849 2.79		0748 2.66
MO	1710 2.65	TU	1840 2.66	TH	1906 3.28	FR	1245 0.81	SA	1314 0.37	SU	1240 0.77	TU	1442 0.37	WE	1341 0.46
	2253 1.10				1926 2.94				1953 3.55		1931 3.09		2114 3.72		2027 3.59
12	0528 3.41	27	0022 1.37	12	0106 0.94	27	0130 1.27	12	0213 0.84	27	0151 1.14	12	0340 0.61	27	0251 0.65
	1210 0.68		0628 2.96		0711 3.21		0709 2.70		0802 2.87		0721 2.56		0931 2.79		0835 2.82
TU	1821 2.93	WE	1301 0.82	FR	1330 0.32	SA	1324 0.69	SU	1406 0.32	MO	1325 0.61	WE	1520 0.39	TH	1424 0.30
			1926 2.87		2003 3.54		2006 3.16		2043 3.72		2014 3.34		2152 3.70		2109 3.79
13	0007 0.97	28	0117 1.26	13	0210 0.84	28	0216 1.14	13	0305 0.74	28	0234 0.96	13	0414 0.64	28	0330 0.49
	0631 3.49		0714 2.97		0807 3.14		0751 2.71		0853 2.83		0807 2.64		1006 2.76		0921 2.97
WE	1304 0.49	TH	1337 0.73	SA	1417 0.26	SU	1359 0.59	MO	1451 0.31	TU	1406 0.47	TH	1554 0.44	FR	1508 0.17
	1923 3.23		2004 3.07		2051 3.74		2043 3.36		2127 3.81		2054 3.56		2225 3.63		2151 3.91
14	0112 0.84	29	0201 1.16	14	0304 0.76	29	0257 1.03	14	0350 0.70	29	0315 0.81	14	0444 0.69	29	0409 0.37
	0729 3.53		0754 2.96		0857 3.05		0832 2.71		0938 2.78		0851 2.72		1039 2.74		1007 3.10
TH	1352 0.34	FR	1408 0.66	SU	1500 0.24	MO	1434 0.51	TU	1530 0.32	WE	1444 0.33	FR	1624 0.50	SA	1554 0.10
	2015 3.50		2039 3.23		2136 3.87		2119 3.53		2206 3.82		2133 3.74		2255 3.54		2233 3.96
15	0210 0.73	30	0240 1.08	15	0352 0.73	30	0336 0.93	15	0430 0.70	30	0354 0.69	15	0513 0.73	30	0449 0.28
	0820 3.49		0829 2.92		0943 2.95		0912 2.71		1018 2.73		0936 2.80		1109 2.71		1054 3.20
FR	1435 0.25	SA	1437 0.61	MO	1540 0.26	TU	1507 0.43	WE	1607 0.37	TH	1525 0.22	FR	1654 0.59	SU	1642 0.13
	2102 3.72		2111 3.37		2218 3.92		2155 3.67		2244 3.78		2213 3.89		2324 3.42		2317 3.89
31	0317 1.03									31	0434 0.57			31	0532 0.25
	0902 2.87										1023 2.88				1141 3.26
											1609 0.16				1733 0.25
											2255 3.97				

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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

