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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

JANUARY – 2015

Time	m	Time	m	Time	m	Time	m
1	0510 1.64	9	0418 0.55	17	0519 1.61	25	0545 0.39
	1148 0.49		1039 1.65		1201 0.49		1159 1.69
TH	1739 1.29	FR	1713 0.41	SA	1748 1.28	SU	1826 0.29
	2328 0.47		2318 1.33		2333 0.47		
2	0602 1.70	10	0500 0.59	18	0611 1.73	26	0041 1.55
	1245 0.43		1115 1.58		1253 0.37		0647 0.46
FR	1835 1.30	SA	1748 0.45	SU	1843 1.34	MO	1254 1.53
							1916 0.38
3	0016 0.47	11	0000 1.33	19	0025 0.41	27	0140 1.54
	0651 1.74		0545 0.64		0700 1.84		0755 0.54
SA	1333 0.38	SU	1154 1.50	MO	1341 0.26	TU	1355 1.37
	1924 1.31		1827 0.49		1934 1.41	●	2011 0.47
4	0101 0.47	12	0045 1.33	20	0115 0.35	28	0242 1.53
	0735 1.77		0635 0.68		0749 1.94		0910 0.58
SU	1415 0.35	MO	1238 1.41	TU	1428 0.17	WE	1505 1.26
	2008 1.32		1909 0.52	●	2024 1.47		2110 0.53
5	0144 0.47	13	0136 1.34	21	0207 0.30	29	0347 1.55
	0815 1.79		0734 0.71		0838 1.99		1028 0.57
MO	1454 0.34	TU	1330 1.32	WE	1515 0.11	TH	1620 1.21
○	2048 1.33	●	1957 0.55		2114 1.52		2210 0.56
6	0223 0.48	14	0231 1.37	22	0300 0.28	30	0449 1.58
	0854 1.78		0843 0.72		0928 2.00		1137 0.53
TU	1530 0.34	WE	1431 1.25	TH	1601 0.10	FR	1728 1.21
	2127 1.34		2049 0.56		2203 1.55		2309 0.55
7	0301 0.50	15	0330 1.42	23	0353 0.28	31	0545 1.62
	0930 1.76		0955 0.68		1016 1.95		1232 0.48
WE	1604 0.36	TH	1540 1.22	FR	1648 0.13	SA	1823 1.25
	2203 1.34		2145 0.55		2255 1.57		
8	0339 0.52	16	0426 1.51	24	0448 0.32		
	1004 1.71		1102 0.60		1107 1.84		
TH	1638 0.38	FR	1647 1.24	SA	1737 0.20		
	2241 1.34		2241 0.52		2346 1.57		

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Add one hour to the times when Daylight Saving Time is in force

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

FEBRUARY – 2015

Time	m	Time	m	Time	m	Time	m
1	0001 0.53	9	0518 0.56	17	0008 0.41	25	0108 1.59
	0634 1.66		1125 1.48		0639 1.84		0740 0.51
SU	1317 0.43	MO	1742 0.48	TU	1317 0.23	WE	1337 1.30
	1909 1.29				1915 1.47		1937 0.56
2	0047 0.51	10	0000 1.42	18	0102 0.32	26	0210 1.54
	0717 1.70		0604 0.61		0730 1.93		0851 0.57
MO	1356 0.40	TU	1205 1.40	WE	1405 0.15	TH	1447 1.20
	1949 1.33		1820 0.52		2005 1.56	●	2039 0.63
3	0129 0.49	11	0046 1.41	19	0155 0.25	27	0316 1.52
	0757 1.72		0658 0.65		0821 1.97		1006 0.59
TU	1430 0.37	WE	1253 1.31	TH	1451 0.10	FR	1604 1.18
	2026 1.36		1904 0.56	●	2053 1.64		2145 0.65
4	0206 0.47	12	0139 1.41	20	0248 0.21	28	0423 1.52
	0832 1.72		0800 0.67		0911 1.96		1114 0.57
WE	1502 0.36	TH	1351 1.23	FR	1536 0.10	SA	1712 1.20
○	2100 1.39	●	1958 0.60		2142 1.69		2249 0.64
5	0243 0.46	13	0240 1.44	21	0342 0.21		
	0906 1.71		0914 0.65		1000 1.89		
TH	1533 0.36	FR	1502 1.20	SA	1622 0.15		
	2134 1.41		2101 0.60		2230 1.70		
6	0319 0.47	14	0345 1.50	22	0437 0.25		
	0940 1.68		1028 0.58		1051 1.76		
FR	1603 0.38	SA	1618 1.21	SU	1708 0.24		
	2207 1.42		2208 0.57		2321 1.69		
7	0357 0.49	15	0447 1.60	23	0534 0.33		
	1014 1.63		1132 0.47		1143 1.61		
SA	1635 0.40	SU	1726 1.28	MO	1755 0.35		
	2243 1.43		2311 0.49				
8	0435 0.52	16	0545 1.72	24	0013 1.65		
	1048 1.57		1228 0.35		0634 0.42		
SU	1707 0.43	MO	1823 1.37	TU	1236 1.44		
	2320 1.43				1844 0.46		

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Add one hour to the times when Daylight Saving Time is in force

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

MARCH – 2015

Time	m	Time	m	Time	m	Time	m
1	0521 1.55	9	0416 0.47	17	0520 1.71	25	0619 0.41
	1207 0.53		1024 1.52		1159 0.33		1220 1.37
SU	1804 1.26	MO	1629 0.45	TU	1803 1.45	WE	1811 0.56
	2345 0.60		2245 1.55		2353 0.42		
2	0611 1.58	10	0458 0.50	18	0616 1.81	26	0036 1.65
	1249 0.48		1101 1.45		1249 0.24		0721 0.50
MO	1847 1.32	TU	1702 0.50	WE	1855 1.57	TH	1319 1.27
			2324 1.54				1903 0.65
3	0032 0.55	11	0543 0.54	19	0049 0.31	27	0134 1.57
	0653 1.62		1143 1.37		0710 1.87		0826 0.57
TU	1326 0.44	WE	1740 0.55	TH	1337 0.17	FR	1426 1.20
	1926 1.38				1944 1.68	●	2005 0.72
4	0113 0.51	12	0007 1.51	20	0144 0.23	28	0238 1.50
	0731 1.64		0633 0.58		0801 1.89		0932 0.60
WE	1358 0.41	TH	1230 1.29	FR	1422 0.15	SA	1539 1.20
	2000 1.43		1824 0.60	●	2031 1.77		2115 0.74
5	0149 0.47	13	0058 1.49	21	0237 0.19	29	0345 1.48
	0807 1.65		0734 0.61		0853 1.85		1033 0.59
TH	1429 0.39	FR	1329 1.23	SA	1507 0.17	SU	1644 1.24
	2032 1.47		1919 0.64		2118 1.82		2223 0.72
6	0225 0.45	14	0200 1.49	22	0330 0.19	30	0445 1.49
	0841 1.65		0845 0.60		0944 1.77		1125 0.57
FR	1458 0.39	SA	1441 1.21	SU	1552 0.24	MO	1735 1.31
○	2104 1.51	●	2028 0.65		2206 1.83		2321 0.67
7	0300 0.44	15	0309 1.53	23	0425 0.24	31	0536 1.51
	0915 1.62		0958 0.54		1034 1.65		1208 0.53
SA	1528 0.40	SU	1558 1.25	MO	1637 0.33	TU	1817 1.38
	2136 1.53		2144 0.61		2255 1.80		
8	0338 0.45	16	0418 1.61	24	0521 0.31		
	0948 1.58		1102 0.44		1126 1.51		
SU	1558 0.42	MO	1706 1.33	TU	1723 0.44		
	2209 1.55		2252 0.53		2345 1.74		

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Add one hour to the times when Daylight Saving Time is in force

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

APRIL – 2015

Time	m	Time	m	Time	m	Time	m
1	0010 0.61	9	0528 0.49	17	0037 0.35	25	0055 1.60
	0620 1.54		1127 1.36		0648 1.77		0751 0.57
WE	1245 0.49	TH	1711 0.59	FR	1305 0.24	SA	1356 1.24
	1855 1.45		2339 1.64		1920 1.80		1927 0.78
2	0052 0.55	10	0619 0.52	18	0132 0.27	26	0152 1.52
	0700 1.56		1218 1.30		0742 1.76		0847 0.60
TH	1317 0.46	FR	1758 0.64	SA	1351 0.25	SU	1500 1.25
	1930 1.52				2008 1.88	●	2033 0.81
3	0130 0.50	11	0030 1.60	19	0226 0.23	27	0255 1.47
	0736 1.57		0718 0.54		0834 1.71		0942 0.61
FR	1348 0.44	SA	1317 1.27	SU	1436 0.29	MO	1601 1.30
	2001 1.58		1857 0.68	●	2056 1.93		2143 0.79
4	0206 0.46	12	0130 1.58	20	0319 0.23	28	0356 1.45
	0812 1.57		0824 0.53		0926 1.63		1030 0.59
SA	1418 0.44	SU	1428 1.27	MO	1521 0.35	TU	1654 1.36
○	2033 1.63	●	2007 0.69		2142 1.92		2246 0.75
5	0243 0.44	13	0241 1.59	21	0412 0.27	29	0451 1.46
	0847 1.55		0930 0.48		1017 1.53		1115 0.57
SU	1449 0.44	MO	1540 1.33	TU	1606 0.44	WE	1739 1.44
	2105 1.66		2124 0.65		2229 1.88		2340 0.68
6	0320 0.43	14	0351 1.63	22	0506 0.34	30	0539 1.47
	0924 1.52		1032 0.41		1109 1.43		1155

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

MAY – 2015

Time	m	Time	m	Time	m	Time	m
1	0026 0.61	9	0608 0.45	17	0123 0.33	25	0104 1.54
FR	0622 1.49	SA	1210 1.35	SU	0723 1.60	MO	0757 0.59
	1230 0.51		1744 0.65	SU	1321 0.36	MO	1412 1.31
	1854 1.60			SU	1946 1.94	MO	1946 0.83
2	0107 0.55	10	0012 1.71	18	0215 0.29	26	0159 1.47
SA	0702 1.50	SU	0704 0.47	MO	0816 1.56	TU	0845 0.61
	1305 0.49	SU	1309 1.34	MO	1407 0.40	TU	1509 1.34
	1929 1.67	SU	1844 0.69	MO	2033 1.97	TU	2054 0.83
3	0145 0.49	11	0111 1.67	19	0307 0.29	27	0259 1.42
SU	0741 1.50	MO	0804 0.46	TU	0908 1.51	WE	0933 0.60
	1338 0.49	MO	1414 1.37	TU	1452 0.46	WE	1603 1.40
	2002 1.73	MO	1953 0.70	TU	2119 1.96	WE	2201 0.80
4	0224 0.45	12	0217 1.64	20	0357 0.32	28	0359 1.40
MO	0820 1.48	TU	0904 0.44	WE	0959 1.45	TH	1019 0.59
	1411 0.49	TU	1520 1.43	WE	1537 0.53	TH	1652 1.48
	2037 1.78	TU	2109 0.66	WE	2204 1.91	TH	2302 0.74
5	0303 0.43	13	0327 1.63	21	0445 0.37	29	0453 1.40
TU	0900 1.46	WE	1001 0.40	TH	1047 1.39	FR	1102 0.57
	1446 0.51	WE	1622 1.54	TH	1622 0.60	FR	1736 1.56
	2113 1.80	WE	2221 0.59	TH	2247 1.83	FR	2355 0.66
6	0344 0.42	14	0432 1.63	22	0534 0.44	30	0542 1.41
WE	0943 1.44	TH	1056 0.37	FR	1136 1.34	SA	1143 0.55
	1524 0.53	TH	1717 1.65	FR	1707 0.68	SA	1816 1.64
	2152 1.81	TH	2327 0.50	FR	2330 1.73	SA	
7	0428 0.42	15	0532 1.64	23	0622 0.50	31	0041 0.58
TH	1028 1.41	FR	1145 0.35	SA	1226 1.31	SU	0627 1.42
	1605 0.57	FR	1809 1.77	SA	1754 0.74	SU	1221 0.53
	2233 1.80	FR		SA		SU	1854 1.72
8	0515 0.43	16	0027 0.41	24	0015 1.63		
FR	1116 1.37	SA	0629 1.63	SU	0709 0.56		
	1651 0.61	SA	1234 0.34	SU	1317 1.30		
	2320 1.76	SA	1859 1.87	SU	1846 0.80		

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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

JUNE – 2015

Time	m	Time	m	Time	m	Time	m
1	0123 0.51	9	0055 1.71	17	0253 0.34	25	0202 1.40
MO	0711 1.43	TU	0742 0.40	WE	0850 1.42	TH	0836 0.60
MO	1259 0.52	TU	1356 1.46	WE	1427 0.51	TH	1508 1.42
MO	1931 1.80	TU	1942 0.66	WE	2058 1.93	TH	2113 0.80
2	0203 0.45	10	0158 1.63	18	0338 0.35	26	0303 1.34
TU	0754 1.43	MO	0838 0.42	TH	0937 1.40	FR	0925 0.60
TU	1337 0.51	WE	1458 1.52	TH	1511 0.55	FR	1601 1.48
TU	2010 1.86	WE	2056 0.65	TH	2140 1.88	FR	2221 0.75
3	0245 0.40	11	0304 1.57	19	0420 0.39	27	0405 1.32
WE	0838 1.43	TH	0932 0.42	FR	1021 1.38	SA	1013 0.59
WE	1418 0.51	TH	1558 1.61	FR	1554 0.60	SA	1651 1.56
WE	2050 1.90	TH	2209 0.60	FR	2219 1.82	SA	2321 0.68
4	0328 0.37	12	0412 1.52	20	0501 0.44	28	0502 1.32
TH	0925 1.43	FR	1026 0.42	SA	1105 1.36	SU	1059 0.57
TH	1501 0.52	FR	1655 1.70	SA	1636 0.66	SU	1737 1.64
TH	2133 1.91	FR	2318 0.53	SA	2259 1.73	SU	
5	0414 0.35	13	0515 1.49	21	0542 0.49	29	0013 0.59
FR	1013 1.43	SA	1117 0.43	SU	1148 1.35	MO	0554 1.34
FR	1548 0.54	SA	1749 1.79	SU	1720 0.71	MO	1143 0.54
FR	2218 1.90	SA		SU	2337 1.64	MO	1821 1.73
6	0501 0.35	14	0020 0.45	22	0622 0.53	30	0059 0.50
SA	1104 1.42	SU	0614 1.48	MO	1233 1.34	TU	0643 1.37
SA	1639 0.57	SU	1207 0.43	MO	1807 0.75	TU	1226 0.51
SA	2306 1.86	SU	1840 1.87	MO		TU	1903 1.82
7	0553 0.37	15	0115 0.39	23	0019 1.55		
SU	1158 1.42	MO	0709 1.46	TU	0704 0.56		
SU	1734 0.61	MO	1255 0.45	TU	1321 1.35		
SU	2358 1.79	MO	1929 1.92	TU	1901 0.79		
8	0646 0.39	16	0206 0.35	24	0107 1.47		
MO	1255 1.43	TU	0801 1.44	WE	0749 0.58		
MO	1835 0.64	TU	1342 0.48	WE	1414 1.37		
		TU	2015 1.94	WE	2004 0.81		

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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

JULY – 2015

Time	m	Time	m	Time	m	Time	m
1	0142 0.41	9	0139 1.56	17	0314 0.36	25	0214 1.28
WE	0730 1.40	TH	0809 0.41	FR	0912 1.39	SA	0830 0.60
	1311 0.48	TH	1433 1.58	FR	1447 0.53	SA	1510 1.46
	1946 1.90	TH	2045 0.61	FR	2115 1.82	SA	2138 0.73
2	0225 0.34	10	0246 1.45	18	0350 0.38	26	0321 1.24
TH	0817 1.43	FR	0904 0.46	SA	0952 1.39	SU	0924 0.60
TH	1357 0.46	FR	1535 1.63	SA	1528 0.55	SU	1606 1.52
TH	2030 1.96	FR	2200 0.59	SA	2151 1.77	SU	2245 0.66
3	0310 0.28	11	0357 1.38	19	0426 0.41	27	0427 1.24
FR	0906 1.46	SA	1000 0.48	SU	1030 1.39	MO	1018 0.58
FR	1445 0.45	SA	1636 1.69	SU	1607 0.59	MO	1700 1.61
FR	2116 1.98	SA	2313 0.54	SU	2227 1.70	MO	2343 0.56
4	0356 0.25	12	0504 1.35	20	0500 0.44	28	0526 1.28
SA	0956 1.48	SU	1055 0.49	MO	1108 1.39	TU	1110 0.54
SA	1535 0.45	SU	1732 1.75	MO	1648 0.63	TU	1750 1.71
SA	2203 1.96	SU		MO	2302 1.62	TU	
5	0444 0.25	13	0015 0.47	21	0535 0.48	29	0032 0.45
SU	1047 1.50	MO	0604 1.35	TU	1148 1.39	WE	0619 1.33
SU	1629 0.47	MO	1147 0.50	TU	1733 0.67	WE	1200 0.48
SU	2252 1.91	MO	1825 1.81	TU	2341 1.53	WE	1838 1.81
6	0532 0.27	14	0108 0.41	22	0613 0.52	30	0118 0.34
MO	1140 1.51	TU	0658 1.36	WE	1232 1.39	TH	0709 1.39
MO	1725 0.51	TU	1237 0.50	WE	1823 0.71	TH	1250 0.42
MO	2344 1.81	TU	1913 1.85	WE		TH	1925 1.91
7	0623 0.31	15	0154 0.37	23	0024 1.44	31	0203 0.25
TU	1235 1.52	WE	0746 1.37	TH	0654 0.55	FR	0758 1.46
TU	1826 0.55	WE	1323 0.50	TH	1320 1.40	FR	1340 0.37
		WE	1957 1.86	TH	1920 0.75	FR	2012 1.97
8	0039 1.69	16	0235 0.36	24	0115 1.35		
WE	0715 0.36	TH	0830 1.38	FR	0740 0.58		
WE	1333 1.54	TH	1407 0.51	FR	1414 1.42		
WE	1931 0.59	TH	2037 1.85	FR	2027 0.76		

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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

AUGUST – 2015

Time	m	Time	m	Time	m	Time	m
1	0247 0.18	9	0347 1.26	17	0347 0.38	25	0357 1.19
SA	0846 1.52	SU	0939 0.54	MO	0955 1.44	TU	0944 0.59
SA	1431 0.33	SU	1618 1.63	MO	1543 0.50	TU	1625 1.57
SA	2100 2.00	SU	2306 0.52	MO	2158 1.63	TU	2312 0.51
2	0333 0.15	10	0457 1.25	18	0418 0.41	26	0502 1.25
TU	0936 1.56	MO	1039 0.55	TU	1030 1.45	WE	1045 0.53
TU	1524 0.32	MO	1717 1.67	TU	1622 0.53	WE	1721 1.67
TU	2147 1.96	MO		TU	2231 1.56	WE	
3	0419 0.16	11	0005 0.47	19	0451 0.44	27	0004 0.39
MO	1026 1.59	TU	0557 1.27	WE	1107 1.45	TH	0558 1.34
MO	1618 0.34	TU	1134 0.53	WE	1705 0.57	TH	1141 0.45
MO	2237 1.88	TU	1810 1.71	WE	2309 1.48	TH	1814 1.79
4	0507 0.20	12	0054 0.42	20	0526 0.48	28	0052 0.27
TU	1117 1.61	WE	0646 1.31	TH	1147 1.44	FR	0648 1.43
TU	1715 0.39	WE	1225 0.51	TH	1751 0.62	FR	1234 0.36
TU	2329 1.75	WE	1856 1.74	TH	2350 1.39	FR	1903 1.88
5	0556 0.27	13	0135 0.38	21	0604 0.53	29	0137 0.17
WE	1211 1.61	TH	0730 1.35	FR			

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

SEPTEMBER - 2015

Time	m	Time	m	Time	m	Time	m
1	0352 0.12	9	0542 1.26	17	0411 0.43	25	0536 1.39
	1002 1.71		1122 0.56		1030 1.53		1124 0.43
TU	1607 0.23	WE	1749 1.60	TH	1643 0.48	FR	1748 1.74
	2221 1.79				2244 1.41		
2	0439 0.19	10	0029 0.43	18	0445 0.48	26	0021 0.23
	1053 1.72		0628 1.32		1108 1.52		0626 1.51
WE	1704 0.29	TH	1212 0.52	FR	1727 0.53	SA	1220 0.32
	2314 1.64		1834 1.62		2325 1.33		1841 1.82
3	0527 0.29	11	0106 0.39	19	0522 0.53	27	0108 0.15
	1145 1.69		0707 1.38		1150 1.49		0715 1.63
TH	1805 0.37	FR	1255 0.48	SA	1816 0.57	SU	1315 0.22
			1914 1.64				1931 1.85
4	0009 1.48	12	0139 0.37	20	0012 1.25	28	0152 0.11
	0617 0.40		0743 1.43		0606 0.58		0802 1.73
FR	1241 1.64	SA	1333 0.45	SU	1239 1.47	MO	1407 0.16
	1911 0.45		1949 1.64		1915 0.59	○	2022 1.84
5	0110 1.33	13	0210 0.36	21	0109 1.19	29	0237 0.11
	0712 0.50		0816 1.47		0700 0.62		0850 1.80
SA	1342 1.59	SU	1410 0.43	MO	1337 1.46	TU	1501 0.14
●	2024 0.51	●	2024 1.62	●	2024 0.59		2114 1.77
6	0221 1.23	14	0240 0.36	22	0218 1.17	30	0323 0.16
	0814 0.57		0848 1.50		0804 0.64		0939 1.83
SU	1448 1.56	MO	1446 0.42	TU	1444 1.48	WE	1556 0.16
	2139 0.53		2057 1.59		2134 0.54		2205 1.66
7	0338 1.19	15	0309 0.37	23	0333 1.20		
	0919 0.60		0921 1.52		0915 0.61		
MO	1556 1.55	TU	1523 0.43	WE	1551 1.54		
	2248 0.51		2130 1.55		2238 0.44		
8	0446 1.21	16	0339 0.40	24	0440 1.28		
	1024 0.60		0954 1.53		1023 0.53		
TU	1658 1.57	WE	1601 0.45	TH	1653 1.64		
	2344 0.47		2206 1.49		2332 0.33		

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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

OCTOBER - 2015

Time	m	Time	m	Time	m	Time	m
1	0409 0.24	9	0600 1.36	17	0411 0.50	25	0602 1.61
	1029 1.82		1153 0.55		1037 1.62		1207 0.32
TH	1653 0.22	FR	1804 1.51	SA	1708 0.45	SU	1819 1.71
	2259 1.52				2307 1.30		
2	0458 0.35	10	0028 0.43	18	0450 0.55	26	0036 0.18
	1119 1.76		0638 1.43		1119 1.59		0651 1.73
FR	1752 0.31	SA	1237 0.50	SU	1757 0.48	MO	1303 0.22
	2355 1.38		1845 1.52		2356 1.25		1913 1.71
3	0548 0.46	11	0100 0.40	19	0536 0.60	27	0122 0.17
	1213 1.68		0713 1.49		1207 1.55		0740 1.83
SA	1856 0.40	SU	1315 0.45	MO	1853 0.50	TU	1358 0.15
			1921 1.53			○	2005 1.68
4	0056 1.27	12	0131 0.39	20	0053 1.21	28	0208 0.19
	0644 0.56		0745 1.54		0631 0.64		0828 1.90
SU	1312 1.60	MO	1352 0.42	TU	1303 1.52	WE	1451 0.13
	2003 0.47		1957 1.52		1956 0.50		2058 1.62
5	0205 1.20	13	0201 0.38	21	0200 1.21	29	0254 0.24
	0746 0.64		0817 1.59		0738 0.65		0916 1.92
MO	1416 1.52	TU	1429 0.39	WE	1409 1.51	TH	1545 0.15
●	2112 0.51	●	2031 1.50	●	2102 0.46		2150 1.53
6	0319 1.19	14	0231 0.39	22	0311 1.25	30	0342 0.33
	0855 0.67		0850 1.62		0852 0.62		1005 1.89
TU	1524 1.48	WE	1505 0.38	TH	1519 1.54	FR	1640 0.20
	2215 0.51		2107 1.46		2203 0.39		2244 1.43
7	0424 1.22	15	0302 0.42	23	0415 1.35	31	0430 0.42
	1002 0.65		0923 1.64		1004 0.54		1055 1.82
WE	1626 1.47	TH	1544 0.39	FR	1625 1.60	SA	1736 0.28
	2308 0.49		2145 1.42		2259 0.31		2339 1.34
8	0515 1.29	16	0335 0.45	24	0512 1.48		
	1102 0.61		0959 1.64		1108 0.43		
TH	1719 1.49	FR	1625 0.41	SA	1724 1.66		
	2351 0.46		2224 1.36		2349 0.23		

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Add one hour to the times when Daylight Saving Time is in force

BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

NOVEMBER - 2015

Time	m	Time	m	Time	m	Time	m
1	0520 0.52	9	0016 0.45	17	0517 0.58	25	0055 0.26
	1145 1.72		0640 1.54		1145 1.65		0720 1.88
SU	1833 0.37	MO	1255 0.48	TU	1833 0.41	WE	1350 0.20
			1851 1.42				1951 1.53
2	0036 1.26	10	0050 0.43	18	0039 1.27	26	0142 0.29
	0614 0.61		0715 1.61		0614 0.62		0809 1.93
MO	1237 1.61	TU	1334 0.43	WE	1239 1.60	TH	1443 0.17
	1931 0.45		1930 1.42		1931 0.41	○	2044 1.49
3	0139 1.22	11	0123 0.42	19	0141 1.28	27	0230 0.33
	0713 0.68		0748 1.66		0719 0.64		0858 1.94
TU	1334 1.50	WE	1412 0.39	TH	1342 1.56	FR	1534 0.18
●	2030 0.51		2007 1.42	●	2031 0.40		2135 1.44
4	0244 1.21	12	0156 0.43	20	0246 1.34	28	0316 0.39
	0818 0.72		0822 1.70		0831 0.62		0945 1.91
WE	1437 1.43	TH	1450 0.36	FR	1449 1.54	SA	1625 0.22
	2126 0.53	●	2045 1.40		2130 0.36		2227 1.38
5	0345 1.25	13	0230 0.45	21	0349 1.43	29	0404 0.47
	0927 0.71		0858 1.73		0945 0.56		1030 1.84
TH	1540 1.40	FR	1529 0.35	SA	1558 1.54	SU	1714 0.29
	2216 0.52		2125 1.37		2225 0.32		2316 1.33
6	0437 1.32	14	0306 0.47	22	0446 1.55	30	0452 0.55
	1030 0.68		0935 1.74		1054 0.46		1116 1.74
FR	1636 1.39	SA	1609 0.35	SU	1701 1.55	MO	1802 0.37
	2301 0.50		2207 1.34		2317 0.28		
7	0523 1.39	15	0345 0.50	23	0540 1.68		
	1126 0.62		1015 1.72		1157 0.36		
SA	1726 1.40	SU	1653 0.37	MO	1800 1.56		
	2341 0.47		2252 1.31				
8	0603 1.47	16	0429 0.54	24	0006 0.26		
	1214 0.55		1058 1.69		0630 1.79		
SU	1810 1.41	MO	1741 0.39	TU	1255 0.26		
			2343 1.28		1857 1.55		

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BOTANY BAY

LAT 33° 59' LONG 151° 13' TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

DECEMBER - 2015

Time	m	Time	m	Time	m	Time	m
1	0007 1.28	9	0011 0.48	17	0021 1.36	25	0122 0.37
	0542 0.62		0644 1.63		0601 0.56		0754 1.91
TU	1202 1.62	WE	1315 0.46	TH	1221 1.66	FR	1433 0.22
	1851 0.44		1902 1.34		1906 0.34	○	2030 1.41
2	0100 1.25	10	0048 0.46	18	0119 1.38	26	0210 0.39
	0634 0.69		0720 1.70		0703 0.58		0841 1.91
WE	1249 1.51	TH	1354 0.40	FR	1318 1.58	SA	1520 0.22
	1940 0.50		1944 1.35		2001 0.36		2118 1.39
3	0155 1.25	11	0126 0.45	19	0220 1.42	27	0256 0.42
	0732 0.73		0758 1.76		0814 0.59		0926 1.88
TH	1342 1.42	FR	1433 0.35	SA	1424 1.50	SU	1604 0.25
●	2029 0.53	●	2025 1.36	●	2058 0.37		2204 1.37
4	0252 1.28	12	0203 0.45	20	0323 1.50	28	0341 0.47
	0836 0.75		0836 1.80		0929 0.56		1008 1.82
FR	1440 1.35	SA	1513 0.31	SU	1533 1.45	MO	1646 0.31
	2117 0.54		2107 1.36		2154 0.37		2248 1.35
5	0347 1.33	13	0245 0.45	21	0423 1.59	29	0425 0.53
	0945 0.73		0915 1.82		1042 0.50		1048 1.73
SA	1542 1.31	SU	1554 0.29	MO	1642 1.42	TU	1727 0.37
	2205 0.53		2151 1.36		2249 0.37		2331 1.32
6	0438 1.40	14	0328 0.47	22	0519 1.69	30	0509 0.59
	1048 0.68						