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PORT BROUGHTON – SOUTH AUSTRALIA

LAT 33° 36' LONG 137° 56'
Times and Heights of High and Low Waters

2014

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0117 0.68		16 0127 0.65		1 0211 0.80		16 0256 0.80		1 0204 0.90		16 0339 0.80		1 0435 0.65		16 0405 0.63	
0825 1.65		0846 1.61		0902 1.50		0906 1.33		0852 1.30		0907 1.18		0956 1.01		0901 1.09	
WE 1745 0.32		TH 1719 0.43		SA 1742 0.43		SU 1640 0.49		SA 1635 0.48		SU 1537 0.56		TU 1517 0.68		WE 1415 0.68	
● 2205 0.78		○ 2151 0.88		2228 1.07		2158 1.30		● 2136 1.20		2105 1.40		2122 1.65		2008 1.64	
2 0142 0.66		17 0159 0.67		2 0259 0.79		17 0327 0.76		2 0300 0.83		17 0409 0.73		2 0433 0.63		17 0421 0.67	
0849 1.71		0857 1.61		0921 1.40		0929 1.27		0912 1.21		0926 1.14		1012 1.01		0919 1.08	
TH 1817 0.33		FR 1732 0.43		SU 1728 0.51		MO 1636 0.52		SU 1621 0.57		MO 1541 0.59		WE 1539 0.63		TH 1439 0.64	
2233 0.77		2214 0.95		2245 1.22		2214 1.42		2145 1.36		○ 2117 1.50		2147 1.67		2039 1.67	
3 0206 0.66		18 0230 0.71		3 0348 0.78		18 0356 0.72		3 0340 0.75		18 0408 0.69		3 0443 0.65		18 0347 0.73	
0911 1.72		0911 1.57		0941 1.28		0958 1.21		0934 1.13		0948 1.12		1027 1.03		0941 1.04	
FR 1839 0.38		SA 1741 0.45		MO 1713 0.55		TU 1643 0.53		MO 1609 0.60		TU 1548 0.61		TH 1607 0.58		FR 1505 0.60	
2259 0.82		2233 1.06		2305 1.37		2239 1.50		2200 1.49		2137 1.57		2217 1.66		2115 1.69	
4 0239 0.69		19 0305 0.75		4 0436 0.76		19 0426 0.69		4 0414 0.69		19 0402 0.65		4 0459 0.72		19 0612 0.78	
0932 1.66		0929 1.50		1002 1.17		1031 1.16		0958 1.07		1014 1.12		1037 1.02		1010 0.96	
SA 1848 0.46		SU 1742 0.48		TU 1713 0.56		WE 1709 0.55		TU 1613 0.60		WE 1608 0.60		FR 1639 0.55		SA 1533 0.58	
2327 0.93		2254 1.18		2331 1.46		2311 1.53		2221 1.58		2204 1.61		2251 1.61		2154 1.69	
5 0321 0.75		20 0344 0.78		5 0523 0.77		20 0458 0.69		5 0443 0.66		20 0414 0.64		5 0521 0.82		20 0739 0.79	
0950 1.55		0953 1.40		1021 1.08		1106 1.10		1020 1.04		1043 1.10		1037 1.00		1055 0.85	
SU 1842 0.52		MO 1738 0.49		WE 1728 0.57		TH 1751 0.57		WE 1633 0.58		TH 1639 0.59		SA 1711 0.54		SU 1558 0.60	
2358 1.07		2322 1.31		2351 1.51				2247 1.60		2238 1.61		2329 1.55		2235 1.66	
6 0412 0.81		21 0428 0.79		6 0001 1.49		21 0532 0.74		6 0508 0.69		21 0437 0.69		6 0626 0.92		21 1016 0.72	
1007 1.40		1021 1.29		0608 0.80		1130 1.02		1036 1.02		1112 1.06		0920 0.96		1246 0.75	
MO 1832 0.56		TU 1751 0.51		TH 1033 1.02		FR 1843 0.59		TH 1704 0.57		FR 1716 0.57		SU 1639 0.57		MO 1613 0.66	
		2356 1.40		1803 0.59				2319 1.56		2318 1.58		2310 1.50		2312 1.60	
7 0029 1.22		22 0517 0.80		7 0039 1.46		22 0039 1.46		7 0529 0.76		22 0509 0.78		7 1656 0.64		22 1110 0.64	
0513 0.88		1050 1.17		0646 0.87		0610 0.86		1041 1.02		1133 0.96		2351 1.43		2339 1.49	
TU 1020 1.24		WE 1827 0.54		FR 1035 1.00		SA 1028 0.95		FR 1745 0.56		SA 1756 0.58		MO		TU	
1829 0.59				● 1900 0.61		1934 0.60		2358 1.49				●		●	
8 0103 1.33		23 0037 1.44		8 0124 1.39		23 0136 1.40		8 0546 0.87		23 0006 1.54		8 1536 0.73		23 1145 0.60	
0629 0.92		0613 0.82		0723 0.98		2018 0.63		1028 1.01		1833 0.60		TU		WE	
WE 1029 1.11		TH 1111 1.06		SA 1016 1.03		SU		SA 1832 0.57		SU					
● 1829 0.62		1919 0.59		1957 0.62		●		●							
9 0138 1.39		24 0124 1.43		9 0219 1.32		24 0242 1.36		9 0045 1.41		24 0057 1.50		9 0030 1.35		24 1214 0.62	
0745 0.95		0722 0.88		2048 0.63		1441 0.57		0556 1.00		1858 0.67		1226 0.70		2310 1.20	
TH 1031 1.02		FR 1050 0.97		SU		MO 1857 0.72		SU 0944 1.03		MO		WE		TH	
1702 0.65		● 2014 0.63				2054 0.69		1917 0.59		●					
10 0218 1.39		25 0219 1.38		10 0332 1.27		25 0728 1.34		10 0138 1.35		25 0149 1.44		10 0106 1.23		25 0409 1.00	
0851 1.00		1424 0.78		0539 1.23		1515 0.41		0550 1.12		1356 0.53		1233 0.66		0636 1.04	
FR 1013 1.00		SA 1718 0.80		MO 0728 1.25		TU		MO 0710 1.12		TU		TH 2335 1.08		FR 1235 0.69	
1624 0.66		2106 0.67		1617 0.61				1959 0.64						1832 1.23	
11 0309 1.35		26 0324 1.33		11 0755 1.37		26 0759 1.42		11 0237 1.29		26 0236 1.34		11 0408 1.05		26 0343 0.84	
1611 0.64		1456 0.64		1610 0.54		1546 0.31		0531 1.20		1427 0.45		0637 1.10		0739 1.01	
SA		SU		TU 2008 0.77		WE		TU 0715 1.22		WE		FR 1250 0.64		SA 1245 0.77	
				2230 0.71				1533 0.63				1851 1.21		1837 1.36	
12 0434 1.31		27 0517 1.34		12 0815 1.45		27 0821 1.44		12 0351 1.24		27 0308 1.22		12 0223 0.91		27 0347 0.70	
1618 0.61		1537 0.48		1612 0.47		1613 0.29		0500 1.23		0440 1.21		0718 1.09		0831 0.98	
SU 1947 0.78		MO 2002 0.80		WE 2047 0.85		TH 2141 0.94		WE 0735 1.29		TH 0743 1.26		SA 1307 0.65		SU 1249 0.83	
2224 0.70		2240 0.72		2347 0.76				1504 0.56		1454 0.44		1901 1.35		1850 1.49	
13 0724 1.38		28 0747 1.46		13 0830 1.48		28 0009 0.93		13 0759 1.31		28 0826 1.22		13 0251 0.77		28 0359 0.61	
1632 0.56		1616 0.34		1620 0.42		0837 1.39		1507 0.51		1514 0.50		0755 1.08		0848 0.97	
MO 2018 0.80		TU 2057 0.79		TH 2118 0.94		FR 1631 0.36		TH 2033 1.01		FR 2040 1.16		SU 1325 0.68		MO 1258 0.83	
2339 0.68		2328 0.75				2134 1.06		2351 0.94				1909 1.46		1907 1.58	
14 0806 1.49		29 0813 1.55		14 0122 0.80		29 0435 0.91		14 0823 1.29		29 0435 0.91		14 0318 0.67		29 0406 0.59	
1647 0.51		1650 0.26		0842 1.46		0902 1.14		1518 0.50		0902 1.14		0824 1.08		0846 0.97	
TU 2050 0.82		WE 2147 0.81		FR 1631 0.42		2137 1.05		FR 2050 1.15		SA 1520 0.61		MO 1339 0.70		TU 1317 0.78	
				2137 1.05						2041 1.31		1923 1.54		● 1930 1.65	
15 0045 0.65		30 0022 0.77		15 0218 0.81		30 0454 0.79		15 0247 0.88		30 0925 1.07		15 0343 0.62		30 0406 0.61	
0830 1.57		0828 1.59		0851 1.40		0925 1.07		0847 1.24		0925 1.07		0846 1.09		0853 0.99	
WE 1704 0.46		TH 1718 0.25		SA 1638 0.44		SU 1513 0.69		SA 1530 0.52		SU 1513 0.69		TU 1355 0.70		WE 1343 0.70	
2122 0.84		2212 0.85		○ 2147 1.17		2049 1.45		2058 1.28		2049 1.45		○ 1942 1.60		1956 1.69	
		31 0119 0.79								31 0457 0.70					
		0844 1.57								0941 1.02					
		FR 1737 0.32								MO 1508 0.71					
		● 2219 0.93								● 2103 1.57					

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +09:30) or daylight savings time (UTC +10:30) when in effect

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

PORT BROUGHTON – SOUTH AUSTRALIA

LAT 33° 36' LONG 137° 56'
Times and Heights of High and Low Waters

2014

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0515 0.59	16	0455 0.56	1	0506 0.58	16	0524 0.61	1	0001 0.56	16	0639 1.02	1	0509 1.15	16	0310 1.29
	1111 1.48		1120 1.43		1129 1.50		1222 1.42		1225 1.32		0733 1.02		0845 1.09		0919 1.03
MO	1639 0.82	TU	1645 0.97	WE	2347 0.70	TH	0	SA		SU	1139 1.18	MO	1047 1.12	TU	1024 1.03
	2151 0.97	☉	2029 0.99	☉		☉					2214 0.69		1646 0.77		2125 0.71
2	0610 0.60	17	0543 0.58	2	0147 0.72	17	0438 0.71	2	0036 0.57	17	0613 1.16	2	0547 1.27	17	0402 1.33
	1207 1.42		1211 1.36		0543 0.65		1258 1.32		1156 1.17		1658 0.82		1613 0.64		1522 0.72
TU	1740 0.96	WE		TH	1221 1.43	FR		SU	1713 0.96	MO	1909 0.87	TU		WE	1928 0.86
☉	1809 0.96	☉		☉		☉			1904 0.99		2301 0.72				2223 0.75
3	0700 0.62	18	0633 0.63	3	0015 0.56	18	0056 0.68	3	0105 0.62	18	0624 1.29	3	0620 1.36	18	0509 1.36
	1313 1.38		1308 1.29		1313 1.34		1323 1.19		0717 1.20		1551 0.74		1617 0.54		1523 0.63
WE		TH		FR		SA		MO	1625 0.81	TU	1957 0.91	WE	2125 0.86	TH	2004 0.92
									2012 0.96				2226 0.85		2337 0.76
4	0103 0.65	19	0203 0.65	4	0047 0.46	19	0104 0.64	4	0125 0.71	19	0001 0.75	4	0653 1.44	19	0625 1.41
	0504 0.74		1410 1.23		1403 1.21		1210 1.06		0725 1.32		0643 1.38		1636 0.50		1555 0.56
TH	0744 0.67	FR	1607 1.20	SA	1617 1.19	SU	1701 0.98	TU	1627 0.65	WE	1538 0.62	TH	2117 0.86	FR	2035 0.95
	1427 1.35		1812 1.23		1804 1.20		1923 1.04		2110 0.95		2033 0.96				
5	0137 0.48	20	0135 0.58	5	0118 0.43	20	0121 0.63	5	0135 0.78	20	0052 0.75	5	0021 0.82	20	0041 0.72
	1819 1.37		1840 1.25		0811 1.04		0733 1.19		0738 1.43		0707 1.46		0727 1.51		0719 1.48
FR		SA		SU	1004 1.02	MO	1534 0.86	WE	1645 0.55	TH	1600 0.55	FR	1658 0.51	SA	1633 0.51
					1959 1.17		2006 1.03		2143 0.93		2101 1.00		2113 0.86		2103 0.95
6	0211 0.36	21	0139 0.53	6	0244 0.47	21	0141 0.64	6	0143 0.80	21	0131 0.73	6	0112 0.73	21	0122 0.67
	0729 0.88		0711 1.02		0821 1.17		0745 1.33		0754 1.52		0734 1.52		0800 1.57		0757 1.56
SA	0913 0.86	SU	1029 0.93	MO	1612 0.87	TU	1540 0.71	TH	1702 0.52	FR	1633 0.53	SA	1719 0.55	SU	1713 0.47
	1854 1.40		1911 1.24		2044 1.12		2044 1.03		2143 0.91		2122 1.01	☉	2120 0.87		2130 0.91
7	0241 0.32	22	0152 0.51	7	0258 0.57	22	0202 0.65	7	0158 0.76	22	0200 0.68	7	0149 0.63	22	0151 0.63
	0804 0.98		0730 1.16		0826 1.29		0754 1.43		0816 1.59		0804 1.57		0832 1.64		0829 1.65
SU	1103 0.94	MO	1339 0.85	TU	1641 0.73	WE	1604 0.61	FR	1716 0.54	SA	1709 0.54	SU	1739 0.58	MO	1751 0.44
	1922 1.36		1939 1.20		2120 1.05		2115 1.03	☉	2143 0.91	☉	2139 0.99		2135 0.88	☉	2158 0.86
8	0305 0.36	23	0206 0.53	8	0258 0.66	23	0219 0.67	8	0221 0.68	23	0224 0.63	8	0220 0.55	23	0214 0.61
	0816 1.09		0742 1.29		0835 1.42		0807 1.51		0842 1.65		0835 1.63		0901 1.69		0858 1.73
MO	1303 0.91	TU	1432 0.76	WE	1701 0.65	TH	1630 0.56	SA	1723 0.60	SU	1750 0.57	MO	1800 0.61	TU	1827 0.42
	1945 1.28		2006 1.14	☉	2138 0.99	☉	2136 1.03		2151 0.92		2155 0.95		2155 0.88		2231 0.82
9	0317 0.47	24	0216 0.56	9	0253 0.70	24	0236 0.67	9	0247 0.58	24	0247 0.58	9	0247 0.51	24	0237 0.62
	0820 1.21		0749 1.40		0847 1.53		0825 1.57		0910 1.68		0907 1.70		0928 1.71		0925 1.76
TU	1401 0.84	WE	1507 0.69	TH	1702 0.61	FR	1654 0.58	SU	1738 0.66	MO	1834 0.59	TU	1824 0.61	WE	1855 0.42
☉	2007 1.18	☉	2025 1.10		2149 0.95	☉	2149 1.04		2202 0.93		2219 0.89		2223 0.88		2311 0.83
10	0309 0.58	25	0222 0.60	10	0258 0.68	25	0255 0.64	10	0314 0.51	25	0308 0.55	10	0311 0.53	25	0304 0.66
	0829 1.34		0800 1.49		0906 1.61		0850 1.61		0941 1.69		0939 1.75		0953 1.70		0951 1.73
WE	1436 0.76	TH	1519 0.65	FR	1636 0.61	SA	1715 0.62	MO	1813 0.71	TU	1917 0.58	WE	1849 0.60	TH	1917 0.45
	2029 1.10		2041 1.08		2202 0.95		2201 1.03		2217 0.91		2256 0.82		2300 0.88		2358 0.89
11	0254 0.63	26	0229 0.61	11	0315 0.63	26	0317 0.59	11	0340 0.48	26	0331 0.56	11	0335 0.60	26	0338 0.73
	0842 1.47		0818 1.56		0929 1.65		0920 1.64		1012 1.67		1011 1.76		1015 1.65		1014 1.62
TH	1502 0.69	FR	1456 0.64	SA	1635 0.63	SU	1737 0.68	TU	1900 0.74	WE	1957 0.57	TH	1912 0.58	FR	1928 0.50
	2051 1.03		2100 1.07		2213 0.96		2219 1.00		2237 0.88		2357 0.78		2351 0.92		
12	0253 0.63	27	0246 0.60	12	0340 0.56	27	0342 0.55	12	0403 0.51	27	0353 0.62	12	0402 0.71	27	0046 0.99
	0902 1.56		0843 1.59		0958 1.65		0954 1.66		1041 1.64		1041 1.71		1036 1.56		0421 0.83
FR	1526 0.66	SA	1455 0.63	SU	1648 0.70	MO	1846 0.73	WE	1950 0.74	TH	2034 0.55	FR	1932 0.58	SA	1033 1.46
	2111 1.00		2123 1.07		2221 0.96		2245 0.94		2314 0.84				1934 0.56		
13	0308 0.60	28	0313 0.57	13	0409 0.52	28	0409 0.53	13	0424 0.59	28	0124 0.80	13	0050 0.99	28	0126 1.11
	0926 1.59		0915 1.60		1031 1.61		1031 1.67		1109 1.57		0417 0.72		0437 0.83		0521 0.92
SA	1549 0.68	SU	1513 0.66	MO	1712 0.78	TU	2002 0.74	TH	2032 0.71	FR	1107 1.60	SA	1054 1.42	SU	1040 1.28
	2125 0.98		2149 1.04		2224 0.94		2326 0.84				2103 0.57		1950 0.59		1940 0.62
14	0335 0.58	29	0347 0.55	14	0440 0.50	29	0435 0.55	14	0053 0.82	29	0240 0.89	14	0141 1.10	29	0204 1.22
	0957 1.57		0954 1.58		1107 1.56		1110 1.65		0440 0.71		0444 0.86		0531 0.95		0655 0.99
SU	1609 0.75	MO	1543 0.74	TU	1922 0.86	WE	2132 0.69	FR	1134 1.47	SA	1121 1.44	SU	1105 1.27	MO	1036 1.13
	2126 0.98		2213 0.97		2214 0.91				2109 0.69	☉	2124 0.61	☉	2011 0.61	☉	1946 0.68
15	0412 0.56	30	0425 0.55	15	0507 0.53	30	0107 0.75	15	0237 0.88	30	0355 1.02	15	0226 1.21	30	0240 1.29
	1035 1.51		1038 1.54		1145 1.50		0455 0.62		0447 0.86		0535 1.01		0736 1.02		0832 1.03
MO	1628 0.85	TU	1628 0.85	WE		TH	1148 1.59	SA	1149 1.33	SU	1115 1.26	MO	1058 1.13	TU	1017 1.05
	2114 0.98		2102 0.86				2315 0.62	☉	2141 0.68		2140 0.69		2042 0.65		1628 0.67
				31	0314 0.74									31	0322 1.33
					0444 0.73										1604 0.60
					FR 1218 1.48										WE

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