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PORT BROUGHTON – SOUTH AUSTRALIA

LAT 33° 36' LONG 137° 56'

Times and Heights of High and Low Waters

2017

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0259 0.59		16 0314 0.67		1 0425 0.78		16 0510 0.76		1 0356 0.73		16 0450 0.66		1 0512 0.69		16 0335 0.77	
0938 1.74		0953 1.57		1021 1.37		1033 1.11		0954 1.25		1032 1.08		1111 0.95		1000 1.01	
SU 1853 0.50		MO 1814 0.50		WE 1810 0.50		TH 1745 0.55		WE 1654 0.54		TH 1638 0.58		SA 1643 0.67		SU 1557 0.62	
2316 0.92		2326 1.08		2343 1.48				2247 1.45		2231 1.60		2307 1.59		2201 1.60	
2 0332 0.66		17 0400 0.75		2 0007 1.33		17 0547 0.78		2 0437 0.70		17 0504 0.67		2 0445 0.79		17 0344 0.85	
1005 1.70		1012 1.45		0521 0.80		1052 1.03		1029 1.14		1056 1.04		0955 0.89		0954 0.97	
MO 1906 0.48		TU 1824 0.50		TH 1050 1.20		FR 1818 0.61		TH 1708 0.60		FR 1704 0.62		SU 1604 0.65		MO 1629 0.61	
				1834 0.56				2315 1.50		2257 1.58		2246 1.55		2242 1.56	
3 0009 1.00		18 0003 1.21		3 0046 1.38		18 0015 1.47		3 0518 0.70		18 0507 0.71		3 1614 0.63		18 1703 0.64	
0414 0.75		0452 0.83		0630 0.83		0614 0.82		1103 1.04		1110 1.01		2328 1.49		2328 1.52	
TU 1034 1.59		WE 1029 1.30		FR 1104 1.04		SA 1052 0.97		FR 1730 0.64		SA 1739 0.63		MO		TU	
1920 0.48		1841 0.52		1906 0.64		1905 0.65		2347 1.50		2331 1.53					
4 0104 1.11		19 0040 1.31		4 0125 1.39		19 0055 1.41		4 0602 0.75		19 0512 0.78		4 1549 0.62		19 1158 0.79	
0509 0.86		0556 0.89		0747 0.87		0626 0.89		1109 0.94		1059 0.99		TU		1325 0.80	
WE 1059 1.42		TH 1043 1.15		SA 1035 0.94		SU 1022 0.97		SA 1758 0.68		SU 1822 0.63		○		WE 1749 0.72	
1942 0.51		1907 0.57		○ 1942 0.71		○ 1956 0.67						○		○	
5 0153 1.22		20 0116 1.36		5 0209 1.36		20 0144 1.34		5 0024 1.46		20 0013 1.46		5 0011 1.42		20 0017 1.46	
0635 0.94		0718 0.93		1507 0.70		0624 0.99		0652 0.85		0523 0.88		1408 0.60		1200 0.70	
TH 1113 1.21		FR 1040 1.03		SU		MO 0948 1.03		SU 1007 0.91		MO 1004 0.99		WE		TH 1728 0.86	
2011 0.58		○ 1944 0.64				2047 0.68		○ 1821 0.69		1911 0.64				1901 0.85	
6 0239 1.30		21 0154 1.37		6 0303 1.31		21 0245 1.28		6 0109 1.40		21 0104 1.39		6 0050 1.34		21 0105 1.36	
0818 0.98		0828 0.96		1523 0.58		1525 0.69		1627 0.66		0539 0.99		1356 0.57		1220 0.61	
FR 1054 1.04		SA 1014 0.98		MO		TU 1857 0.78		MO		TU 0844 1.04		TH		FR	
○ 2045 0.68		2030 0.70				2136 0.68				○ 1959 0.66					
7 0327 1.33		22 0238 1.34		7 0502 1.28		22 0815 1.25		7 0202 1.34		22 0204 1.34		7 0118 1.24		22 0158 1.22	
1520 0.72		1532 0.71		1600 0.47		1532 0.59		0615 1.15		1430 0.70		0402 1.19		1245 0.56	
SA		SU 1856 0.81		TU		WE 1944 0.81		TU 0721 1.16		WE 1834 0.76		FR 0627 1.23		SA 1839 1.21	
		2123 0.74				2228 0.71		1533 0.56		2047 0.71		1355 0.58			
8 0428 1.33		23 0335 1.29		8 0806 1.40		23 0813 1.35		8 0310 1.28		23 0310 1.30		8 0654 1.21		23 0142 1.05	
1522 0.58		1529 0.65		1633 0.40		1551 0.49		0523 1.25		0611 1.20		1348 0.61		0633 1.12	
SU 2012 0.86		MO 1933 0.85		WE		TH 2026 0.86		WE 0755 1.29		TH 0728 1.21		SA 1918 1.12		SU 1310 0.56	
2203 0.84		2223 0.74				2330 0.75		1548 0.48		1437 0.58				1900 1.36	
9 0606 1.35		24 0511 1.28		9 0823 1.49		24 0809 1.42		9 0811 1.37		24 0730 1.27		9 0314 0.97		24 0243 0.87	
1558 0.48		1552 0.59		1700 0.38		1612 0.40		1606 0.44		1456 0.49		0723 1.16		0727 1.10	
MO 2100 0.86		TU 2007 0.87		TH 2120 0.74		FR 2102 0.94		TH		FR 2013 1.00		SU 1343 0.62		MO 1332 0.60	
2254 0.85		2328 0.71		2257 0.72						2258 0.91		1928 1.30		1917 1.48	
10 0719 1.42		25 0747 1.37		10 0835 1.54		25 0044 0.78		10 0818 1.40		25 0746 1.30		10 0302 0.84		25 0320 0.72	
1639 0.42		1621 0.52		1716 0.40		0812 1.46		1615 0.44		1517 0.43		0754 1.12		0813 1.09	
TU 2127 0.82		WE 2039 0.87		FR 2127 0.80		SA 1632 0.37		FR 2102 0.87		SA 2042 1.14		MO 1347 0.62		TU 1349 0.68	
2358 0.80						2129 1.03		2230 0.86				1940 1.46		1932 1.56	
11 0801 1.51		26 0028 0.68		11 0053 0.72		26 0145 0.80		11 0830 1.39		26 0129 0.94		11 0316 0.71		26 0353 0.63	
1716 0.40		0806 1.47		0849 1.55		0828 1.45		1612 0.48		0811 1.28		0827 1.10		0850 1.07	
WE 2132 0.76		TH 1649 0.46		SA 1718 0.44		SU 1648 0.38		SA 2106 1.02		SU 1536 0.43		TU 1400 0.63		WE 1359 0.74	
		2110 0.87		○ 2143 0.92		2148 1.14				2100 1.27		○ 1955 1.58		○ 1950 1.62	
12 0043 0.72		27 0110 0.65		12 0200 0.72		27 0233 0.80		12 0145 0.87		27 0259 0.87		12 0336 0.63		27 0423 0.59	
0830 1.59		0819 1.55		0906 1.52		0852 1.41		0847 1.34		0839 1.24		0858 1.08		0915 1.04	
TH 1748 0.42		FR 1715 0.42		SU 1709 0.46		MO 1657 0.43		SU 1602 0.50		MO 1549 0.49		WE 1417 0.64		TH 1410 0.77	
○ 2137 0.74		2138 0.89		2204 1.07		● 2205 1.26		2117 1.20		2113 1.39		2011 1.65		2012 1.66	
13 0119 0.64		28 0144 0.65		13 0252 0.73		28 0315 0.77		13 0252 0.81		28 0348 0.79		13 0357 0.60		28 0453 0.61	
0852 1.66		0836 1.61		0925 1.44		0921 1.34		0910 1.27		0910 1.18		0926 1.07		0933 0.99	
FR 1809 0.46		SA 1736 0.40		MO 1704 0.47		TU 1654 0.49		MO 1558 0.51		TU 1554 0.57		TH 1439 0.65		FR 1424 0.75	
2153 0.76		● 2204 0.93		2226 1.23		2224 1.37		○ 2134 1.37		● 2127 1.49		2031 1.68		2038 1.69	
14 0154 0.60		29 0218 0.68		14 0340 0.74		29 0340 0.74		14 0341 0.74		29 0414 0.71		14 0412 0.63		29 0529 0.67	
0913 1.68		0857 1.63		0946 1.34		0946 1.34		0936 1.20		0943 1.13		0947 1.05		0947 0.94	
SA 1816 0.49		SU 1752 0.41		TU 1710 0.48		2250 1.36		TU 1605 0.52		WE 1555 0.63		FR 1502 0.65		SA 1441 0.70	
2217 0.84		2231 1.02						2151 1.50		2145 1.56		2055 1.66		2108 1.70	
15 0232 0.61		30 0254 0.71		15 0426 0.75		30 0428 0.66		15 0420 0.68		30 0428 0.66		15 0359 0.70		30 0620 0.75	
0933 1.66		0922 1.59		1009 1.22		1016 1.07		1005 1.13		1016 1.07		0957 1.03		0957 0.88	
SU 1813 0.51		MO 1759 0.43		WE 1723 0.50		2316 1.45		WE 1618 0.55		TH 1604 0.67		SA 1528 0.64		SU 1500 0.64	
2250 0.95		2259 1.12						2209 1.58		2207 1.61		2125 1.63		2143 1.69	
		31 0336 0.75								31 0447 0.65					
		0951 1.50								1047 1.02					
		TU 1801 0.46								FR 1621 0.69					
		2332 1.24								2235 1.62					

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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

2017

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0210 0.71		16 0213 0.48		1 0116 0.58		16 0230 0.52		1 0139 0.54		16 0046 0.73		1 0051 0.73		16 0009 0.78	
0531 0.77		1845 1.35		1551 1.24		1319 1.12		0740 1.33		0724 1.44		0710 1.50		0705 1.48	
FR 0816 0.67		SA		SU 1754 1.21		MO 1635 1.06		WE 1532 0.83		TH 1631 0.59		FR 1600 0.53		SA 1619 0.50	
1432 1.25				1923 1.22		1939 1.15		2012 1.01		2050 0.92		2108 0.99		2101 0.96	
2 0215 0.61		17 0237 0.41		2 0232 0.49		17 0229 0.56		2 0202 0.57		17 0114 0.73		2 0131 0.77		17 0113 0.73	
0623 0.80		1903 1.38		0756 0.98		0814 1.10		0757 1.46		0741 1.55		0739 1.55		0741 1.52	
SA 0905 0.70		SU		MO 1032 0.89		TU 1631 0.93		TH 1602 0.67		FR 1632 0.51		SA 1635 0.46		SU 1643 0.51	
1907 1.34				1936 1.23		2012 1.09		2056 1.02		2120 0.96		2143 0.99		2123 0.98	
3 0232 0.51		18 0253 0.41		3 0250 0.44		18 0222 0.60		3 0221 0.63		18 0147 0.71		3 0159 0.78		18 0153 0.66	
0707 0.86		1918 1.35		0822 1.13		0813 1.27		0812 1.54		0802 1.61		0808 1.59		0813 1.57	
SU 1001 0.74		MO		TU 1319 0.93		WE 1633 0.79		FR 1633 0.56		SA 1643 0.49		SU 1714 0.45		MO 1716 0.54	
1906 1.39				1959 1.20		2044 1.04		2134 1.02		● 2144 1.00		2202 0.95		● 2143 0.96	
4 0252 0.43		19 0256 0.46		4 0308 0.44		19 0223 0.62		4 0236 0.69		19 0221 0.67		4 0218 0.74		19 0221 0.59	
0744 0.94		0756 1.01		0839 1.28		0823 1.44		0831 1.60		0825 1.64		0837 1.63		0842 1.62	
MO 1115 0.79		TU 1229 0.90		WE 1459 0.84		TH 1631 0.66		SA 1702 0.52		SU 1704 0.52		MO 1758 0.49		TU 1754 0.57	
1905 1.41		1936 1.28		2027 1.16		2115 1.01		○ 2200 1.00		2205 1.01		○ 2210 0.88		2200 0.91	
5 0310 0.39		20 0245 0.51		5 0320 0.48		20 0233 0.62		5 0251 0.71		20 0249 0.62		5 0234 0.67		20 0242 0.54	
0811 1.04		0803 1.18		0852 1.40		0837 1.57		0854 1.63		0851 1.65		0908 1.68		0907 1.67	
TU 1228 0.82		WE 1347 0.83		TH 1548 0.75		FR 1636 0.58		SU 1733 0.54		MO 1737 0.59		TU 1843 0.54		WE 1831 0.60	
1916 1.40		● 1958 1.21		2057 1.11		● 2146 1.01		2217 0.97		2219 0.99		2220 0.79		2218 0.86	
6 0325 0.40		21 0236 0.53		6 0326 0.55		21 0251 0.62		6 0308 0.70		21 0315 0.57		6 0247 0.59		21 0300 0.52	
0829 1.16		0815 1.36		0906 1.50		0854 1.65		0920 1.66		0919 1.66		0939 1.73		0932 1.72	
WE 1321 0.81		TH 1435 0.74		FR 1613 0.66		SA 1648 0.54		MO 1813 0.60		TU 1820 0.67		WE 1929 0.58		TH 1903 0.60	
○ 1937 1.35		2025 1.13		○ 2129 1.07		2213 1.01		2233 0.91		2228 0.94		2237 0.73		2245 0.84	
7 0331 0.45		22 0239 0.54		7 0329 0.61		22 0315 0.61		7 0324 0.65		22 0335 0.53		7 0301 0.54		22 0320 0.55	
0843 1.28		0831 1.51		0923 1.57		0914 1.68		0951 1.67		0949 1.67		1008 1.75		0958 1.73	
TH 1404 0.78		FR 1513 0.67		SA 1619 0.61		SU 1704 0.57		TU 1907 0.67		WE 1911 0.73		TH 2010 0.60		FR 1926 0.59	
2005 1.28		2055 1.07		2201 1.04		2236 1.01		2246 0.84		2238 0.89		2305 0.69		2331 0.86	
8 0327 0.50		23 0251 0.55		8 0340 0.65		23 0342 0.60		8 0341 0.59		23 0355 0.52		8 0317 0.54		23 0347 0.63	
0901 1.40		0849 1.60		0946 1.61		0939 1.66		1024 1.67		1021 1.67		1035 1.72		1024 1.69	
FR 1442 0.73		SA 1541 0.62		SU 1629 0.60		MO 1712 0.64		WE 2023 0.72		TH 2002 0.75		FR 2037 0.62		SA 1940 0.56	
2037 1.21		2124 1.03		2232 1.00		2249 0.99		2248 0.76		2302 0.83					
9 0326 0.55		24 0312 0.57		9 0359 0.66		24 0409 0.58		9 0355 0.55		24 0415 0.55		9 0006 0.70		24 0036 0.93	
0923 1.49		0911 1.63		1013 1.61		1008 1.62		1059 1.65		1052 1.66		0338 0.61		0424 0.75	
SA 1519 0.68		SU 1558 0.63		MO 1649 0.63		TU 1636 0.73		TH		FR 2046 0.72		SA 1056 1.63		SU 1051 1.59	
2114 1.12		2151 0.99		2259 0.94		2252 0.95						2044 0.63		1952 0.53	
10 0339 0.60		25 0339 0.60		10 0422 0.65		25 0436 0.56		10 0403 0.55		25 0023 0.80		10 0138 0.79		25 0139 1.06	
0950 1.53		0938 1.60		1045 1.59		1042 1.58		1132 1.60		0437 0.64		0405 0.75		0520 0.88	
SU 1556 0.66		MO 1559 0.68		TU 1720 0.73		WE 1922 0.84		FR		SA 1125 1.61		SU 1109 1.49		MO 1114 1.43	
2153 1.04		2206 0.97		2309 0.86		2241 0.91				2120 0.67		● 2048 0.63		2011 0.53	
11 0405 0.64		26 0414 0.62		11 0444 0.63		26 0502 0.56		11 0355 0.60		26 0215 0.84		11 0250 0.94		26 0232 1.19	
1022 1.52		1010 1.53		1123 1.54		1121 1.54		1156 1.51		0503 0.78		0440 0.92		0706 0.99	
MO 1635 0.70		TU 1559 0.76		WE		TH		SA		SU 1154 1.50		MO 1111 1.33		TU 1126 1.24	
2224 0.95		2155 0.94						●		2149 0.62		2056 0.65		● 2041 0.57	
12 0439 0.68		27 0457 0.62		12 0454 0.61		27 0526 0.59		12 0041 0.62		27 0351 0.96		12 0354 1.10		27 0322 1.30	
1100 1.48		1049 1.46		1206 1.49		1202 1.50		1207 1.38		0601 0.95		0726 1.09		0854 1.01	
TU 1726 0.80		WE 1605 0.86		TH		FR		SU		MO 1210 1.34		TU 1055 1.18		WE 1107 1.06	
2131 0.87		2049 0.94		●						● 2219 0.60		2112 0.68		2121 0.65	
13 0517 0.69		28 0545 0.62		13 0429 0.59		28 0538 0.67		13 0038 0.65		28 0537 1.14		13 0455 1.25		28 0415 1.36	
1146 1.41		1138 1.38		1250 1.42		1244 1.44		1157 1.25		0854 1.06		1628 0.68		1517 0.74	
WE		TH 1618 0.97		FR		SA		MO		TU 1151 1.16		WE		TH 1919 0.84	
●		● 1851 1.01				●				2302 0.62				2214 0.75	
14 0411 0.69		29 0634 0.64		14 0213 0.55		29 0043 0.66		14 0030 0.68		29 0611 1.30		14 0544 1.36		29 0521 1.39	
1243 1.35		1236 1.33		1326 1.34		1326 1.34		1112 1.14		1642 0.83		1607 0.60		1517 0.59	
TH		FR 1634 1.07		SA		SU		TU 1651 0.84		WE 1923 0.88		TH 2005 0.83		FR 2013 0.92	
		1827 1.10						1927 0.91		2358 0.67		2238 0.77		2328 0.82	
15 0147 0.58		30 0113 0.68		15 0221 0.51		30 0057 0.58		15 0029 0.71		30 0641 1.42		15 0626 1.43		30 0630 1.42	
1352 1.30		0522 0.73		1343 1.24		1400 1.20		0714 1.30		1536 0.67		1606 0.53		1554 0.49	
FR 1634 1.25		SA 0724 0.70		SU 1706 1.17		MO		WE 1635 0.71		TH 2022 0.94		FR 2036 0.90		SA 2056 0.95	
1817 1.26		1338 1.29		1905 1.19				2013 0.90							
				31 0117 0.54										31 0039 0.83	
				0722 1.17										0724 1.48	
				TU 1723 1.00										SU 1637 0.43	
				1918 1.02										2129 0.92	

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