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PORT KEMBLA – NEW SOUTH WALES

LAT 34° 29' LONG 150° 55'

Times and Heights of High and Low Waters

2016

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0203 1.23		16 0154 1.41		1 0249 1.31		16 0331 1.52		1 0155 1.37		16 0306 1.56		1 0304 1.43		16 0352 1.48	
0741 0.67		0748 0.49		0901 0.68		1010 0.49		0821 0.63		1000 0.46		1004 0.56		1039 0.47	
FR 1345 1.37		SA 1356 1.49		MO 1447 1.18		TU 1605 1.19		TU 1412 1.16		WE 1601 1.17		FR 1606 1.15		SA 1657 1.29	
2027 0.46		2029 0.31		☾ 2103 0.55		2201 0.51		2009 0.60		☾ 2142 0.61		☾ 2140 0.70		2239 0.68	
2 0254 1.25		17 0254 1.44		2 0347 1.33		17 0440 1.54		2 0250 1.36		17 0416 1.53		2 0414 1.46		17 0451 1.47	
0842 0.70		0859 0.52		1015 0.68		1128 0.47		0930 0.64		1113 0.46		1108 0.49		1126 0.46	
SA 1437 1.27		SU 1500 1.37		TU 1557 1.12		WE 1724 1.16		WE 1517 1.11		TH 1718 1.18		SA 1715 1.21		SU 1744 1.36	
☾ 2114 0.49		☾ 2125 0.37		2201 0.57		2308 0.52		☾ 2109 0.64		2253 0.62		2253 0.65		2335 0.62	
3 0349 1.28		18 0357 1.48		3 0448 1.37		18 0545 1.57		3 0354 1.38		18 0524 1.53		3 0418 1.53		18 0541 1.47	
0952 0.71		1017 0.52		1130 0.63		1236 0.42		1045 0.61		1215 0.44		1103 0.40		1206 0.45	
SU 1539 1.20		MO 1613 1.27		WE 1710 1.10		TH 1832 1.19		TH 1635 1.10		FR 1821 1.22		SU 1714 1.31		MO 1824 1.43	
2204 0.51		2224 0.40		2300 0.57				2217 0.64		2359 0.59		2257 0.56			
4 0445 1.34		19 0500 1.54		4 0545 1.45		19 0010 0.51		4 0459 1.43		19 0623 1.55		4 0516 1.61		19 0023 0.57	
1105 0.68		1135 0.48		1231 0.54		0644 1.62		1150 0.53		1306 0.41		1153 0.31		0625 1.48	
MO 1645 1.16		TU 1728 1.23		TH 1815 1.13		FR 1331 0.36		FR 1745 1.14		SA 1912 1.29		MO 1803 1.44		TU 1242 0.44	
2256 0.51		2324 0.42		2355 0.54		1928 1.24		2323 0.60				2354 0.44		1900 1.50	
5 0538 1.40		20 0601 1.62		5 0635 1.54		20 0105 0.47		5 0558 1.52		20 0054 0.55		5 0610 1.70		20 0105 0.52	
1210 0.61		1245 0.40		1321 0.44		0734 1.67		1245 0.43		0713 1.57		1240 0.23		0704 1.47	
TU 1749 1.16		WE 1836 1.23		FR 1909 1.19		SA 1417 0.31		SA 1843 1.22		SU 1348 0.38		TU 1850 1.57		WE 1315 0.43	
2345 0.50						2014 1.29				1953 1.35				1933 1.55	
6 0626 1.48		21 0021 0.42		6 0045 0.48		21 0154 0.44		6 0021 0.52		21 0141 0.50		6 0048 0.33		21 0144 0.47	
1304 0.52		0658 1.69		0722 1.64		0819 1.69		0650 1.62		0756 1.58		0701 1.75		0743 1.46	
WE 1845 1.17		TH 1344 0.32		SA 1405 0.34		SU 1457 0.29		SU 1331 0.32		MO 1424 0.36		WE 1325 0.17		TH 1345 0.44	
		1936 1.25		1957 1.26		2055 1.34		1931 1.32		2030 1.41		1936 1.69		2005 1.60	
7 0030 0.48		22 0115 0.41		7 0133 0.42		22 0237 0.42		7 0114 0.43		22 0223 0.46		7 0142 0.24		22 0220 0.44	
0709 1.57		0748 1.75		0806 1.73		0900 1.69		0739 1.73		0834 1.58		0752 1.76		0819 1.45	
TH 1350 0.43		FR 1434 0.26		SU 1447 0.24		MO 1532 0.28		MO 1415 0.22		TU 1457 0.35		TH 1409 0.16		FR 1415 0.45	
1935 1.21		2028 1.28		2041 1.33		2131 1.37		2016 1.43		2104 1.46		☾ 2022 1.78		☾ 2036 1.64	
8 0113 0.46		23 0204 0.39		8 0220 0.36		23 0317 0.41		8 0204 0.33		23 0301 0.43		8 0235 0.18		23 0258 0.42	
0750 1.65		0836 1.79		0850 1.81		0937 1.67		0827 1.80		0911 1.57		0845 1.73		0856 1.42	
FR 1432 0.35		SA 1519 0.22		MO 1529 0.16		TU 1605 0.29		TU 1459 0.14		WE 1528 0.36		FR 1455 0.18		SA 1446 0.48	
2020 1.24		2114 1.30		2125 1.40		☾ 2207 1.39		2101 1.53		☾ 2136 1.50		2109 1.84		2109 1.66	
9 0155 0.43		24 0250 0.39		9 0308 0.31		24 0356 0.41		9 0255 0.26		24 0338 0.42		9 0330 0.16		24 0335 0.42	
0830 1.73		0919 1.79		0934 1.86		1013 1.63		0914 1.84		0945 1.54		0938 1.65		0934 1.38	
SA 1513 0.27		SU 1600 0.21		TU 1611 0.11		WE 1636 0.31		WE 1542 0.10		TH 1557 0.38		SA 1540 0.25		SU 1518 0.51	
2103 1.28		☾ 2156 1.32		☾ 2210 1.46		2241 1.41		☾ 2146 1.61		2208 1.52		2158 1.86		2143 1.66	
10 0238 0.40		25 0333 0.40		10 0358 0.27		25 0433 0.43		10 0346 0.21		25 0415 0.42		10 0426 0.18		25 0414 0.43	
0911 1.79		1000 1.77		0934 1.86		1016 1.58		1002 1.82		1021 1.50		1032 1.54		1014 1.33	
SU 1553 0.20		MO 1637 0.23		WE 1653 0.10		TH 1706 0.34		TH 1625 0.11		FR 1626 0.40		SU 1627 0.34		MO 1552 0.55	
☾ 2146 1.31		2236 1.32		2257 1.50		2315 1.42		2233 1.67		2240 1.54		2248 1.83		2217 1.65	
11 0323 0.37		26 0415 0.42		11 0448 0.27		26 0511 0.46		11 0439 0.19		26 0452 0.43		11 0524 0.24		26 0456 0.45	
0953 1.83		1038 1.71		1107 1.81		1121 1.51		1052 1.75		1057 1.44		1130 1.42		1056 1.28	
MO 1634 0.16		TU 1713 0.26		TH 1737 0.12		FR 1736 0.39		FR 1709 0.16		SA 1655 0.44		MO 1716 0.45		TU 1629 0.60	
2231 1.34		2315 1.32		2345 1.53		2349 1.42		2321 1.70		2314 1.54		2341 1.77		2256 1.62	
12 0410 0.36		27 0455 0.46		12 0542 0.30		27 0551 0.49		12 0533 0.22		27 0531 0.45		12 0626 0.31		27 0541 0.48	
1037 1.84		1114 1.64		1157 1.71		1157 1.43		1144 1.64		1133 1.38		1230 1.32		1142 1.24	
TU 1717 0.14		WE 1746 0.31		FR 1822 0.18		SA 1807 0.43		SA 1754 0.24		SU 1726 0.49		TU 1810 0.56		WE 1710 0.65	
2318 1.37		2352 1.31								2348 1.53				2339 1.58	
13 0459 0.37		28 0534 0.50		13 0035 1.54		28 0027 1.41		13 0011 1.70		28 0613 0.49		13 0037 1.68		28 0630 0.50	
1122 1.80		1149 1.55		0638 0.35		0634 0.54		0631 0.28		1213 1.30		0731 0.39		1233 1.21	
WE 1802 0.15		TH 1819 0.36		SA 1248 1.58		SU 1235 1.34		SU 1238 1.50		MO 1800 0.55		WE 1337 1.24		TH 1759 0.70	
				1909 0.27		1841 0.49		1842 0.35				1911 0.65			
14 0008 1.38		29 0030 1.31		14 0129 1.53		29 0107 1.39		14 0104 1.66		29 0027 1.51		14 0139 1.59		29 0029 1.54	
0550 0.40		0616 0.55		0741 0.42		0723 0.59		0734 0.35		0700 0.53		0839 0.44		0728 0.51	
TH 1210 1.73		FR 1226 1.46		SU 1345 1.42		MO 1319 1.25		MO 1337 1.35		TU 1258 1.23		TH 1450 1.21		FR 1333 1.20	
1848 0.19		1853 0.41		2000 0.37		1920 0.55		1933 0.46		1839 0.61		☾ 2020 0.70		FR 1900 0.73	
15 0100 1.39		30 0112 1.30		15 0228 1.52				15 0201 1.61		30 0110 1.47		15 0245 1.52		30 0127 1.51	
0646 0.44		0702 0.60		0851 0.47				0845 0.42		0753 0.57		0943 0.47		0829 0.49	
FR 1300 1.62		SA 1305 1.36		MO 1449 1.29				TU 1445 1.24		WE 1349 1.17		FR 1559 1.23		SA 1440 1.23	
1937 0.25		1930 0.46		☾ 2058 0.45				2033 0.56		1926 0.66		2132 0.71		☾ 2011 0.73	
		31 0157 1.30						31 0202 1.44							
		0757 0.65						0856 0.58							
		SU 1351 1.26						TH 1453 1.14							
		2013 0.51						2027 0.70							

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

PORT KEMBLA – NEW SOUTH WALES

LAT 34° 29' LONG 150° 55'

Times and Heights of High and Low Waters

2016

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0234 1.51		16 0408 1.40		1 0417 1.52		16 0510 1.28		1 0506 1.39		16 0529 1.20		1 0105 0.27		16 0048 0.37	
0928 0.44		1036 0.51		1039 0.34		1108 0.54		1104 0.38		1112 0.55		0700 1.32		0639 1.25	
SU 1545 1.31		MO 1705 1.41		WE 1706 1.64		TH 1746 1.56		FR 1738 1.77		SA 1753 1.59		MO 1237 0.40		TU 1215 0.46	
2126 0.68		2307 0.69		2322 0.47								1909 1.84		TU 1847 1.69	
2 0342 1.54		17 0500 1.38		2 0520 1.52		17 0017 0.58		2 0015 0.36		17 0035 0.50		2 0153 0.22		17 0128 0.29	
1023 0.38		1117 0.51		1130 0.32		0600 1.29		0609 1.39		0618 1.23		0748 1.35		0721 1.31	
MO 1642 1.42		TU 1746 1.48		TH 1758 1.77		FR 1148 0.53		SA 1158 0.38		SU 1156 0.53		TU 1327 0.39		WE 1300 0.40	
2234 0.58		2359 0.63		1826 1.63		1826 1.63		1831 1.86		1834 1.66		1956 1.85		1930 1.76	
3 0445 1.59		18 0548 1.38		3 0023 0.36		18 0100 0.51		3 0114 0.27		18 0117 0.42		3 0237 0.20		18 0207 0.21	
1115 0.31		1155 0.50		0620 1.52		0645 1.29		0707 1.39		0703 1.26		0834 1.36		0803 1.37	
TU 1733 1.56		WE 1825 1.55		FR 1220 0.32		SA 1227 0.53		SU 1249 0.39		MO 1238 0.50		WE 1415 0.40		TH 1345 0.35	
2336 0.46				1848 1.88		1903 1.69		1922 1.93		1914 1.72		● 2040 1.83		○ 2012 1.81	
4 0543 1.63		19 0043 0.56		4 0121 0.26		19 0141 0.45		4 0206 0.21		19 0156 0.35		4 0318 0.22		19 0246 0.16	
1203 0.26		0631 1.38		0718 1.51		0728 1.30		0802 1.39		0746 1.29		0918 1.37		0846 1.43	
WE 1822 1.69		TH 1230 0.49		SA 1310 0.33		SU 1304 0.52		MO 1341 0.40		TU 1319 0.47		TH 1459 0.42		FR 1432 0.31	
		1900 1.62		1938 1.96		1940 1.74		● 2012 1.95		1953 1.78		2121 1.77		2055 1.82	
5 0034 0.35		20 0123 0.50		5 0215 0.20		20 0219 0.40		5 0256 0.18		20 0235 0.29		5 0357 0.25		20 0328 0.14	
0638 1.65		0713 1.37		0815 1.48		0809 1.31		0854 1.38		0828 1.32		1000 1.37		0930 1.48	
TH 1250 0.24		FR 1304 0.50		SU 1400 0.37		MO 1343 0.52		TU 1430 0.43		WE 1402 0.45		FR 1542 0.45		SA 1521 0.30	
1911 1.82		1933 1.67		● 2028 1.99		○ 2016 1.77		2059 1.93		○ 2033 1.82		2200 1.68		2140 1.79	
6 0130 0.25		21 0201 0.46		6 0310 0.17		21 0258 0.36		6 0344 0.20		21 0314 0.25		6 0432 0.31		21 0410 0.15	
0733 1.64		0753 1.37		0910 1.44		0851 1.31		0944 1.37		0911 1.35		1040 1.36		1017 1.52	
FR 1337 0.25		SA 1337 0.51		MO 1449 0.42		TU 1422 0.53		WE 1518 0.47		TH 1447 0.44		SA 1625 0.50		SU 1613 0.31	
1959 1.91		2007 1.71		2117 1.98		2054 1.80		2145 1.87		2115 1.83		2238 1.58		2228 1.71	
7 0225 0.18		22 0239 0.42		7 0402 0.18		22 0337 0.33		7 0429 0.24		22 0355 0.22		7 0507 0.37		22 0453 0.19	
0828 1.60		0832 1.35		1005 1.40		0934 1.31		1031 1.35		0956 1.38		1119 1.35		1106 1.54	
SA 1425 0.29		SU 1411 0.53		TU 1540 0.48		WE 1503 0.54		TH 1606 0.52		FR 1534 0.43		SU 1708 0.56		MO 1708 0.34	
● 2047 1.96		○ 2041 1.74		2205 1.93		2133 1.80		2228 1.78		2158 1.80		2315 1.48		2318 1.59	
8 0320 0.16		23 0317 0.40		8 0454 0.23		23 0418 0.32		8 0512 0.30		23 0437 0.22		8 0542 0.43		23 0540 0.26	
0924 1.54		0913 1.33		1059 1.36		1018 1.32		1118 1.33		1043 1.40		1200 1.34		1158 1.54	
SU 1513 0.35		MO 1446 0.55		WE 1630 0.55		TH 1548 0.55		FR 1653 0.58		SA 1624 0.45		MO 1755 0.61		TU 1808 0.39	
2136 1.96		2116 1.75		2254 1.83		2215 1.77		2310 1.66		2244 1.75		2356 1.37			
9 0415 0.17		24 0357 0.39		9 0545 0.30		24 0501 0.32		9 0553 0.37		24 0521 0.24		9 0618 0.48		24 0014 1.45	
1020 1.46		0955 1.31		1153 1.32		1106 1.32		1205 1.32		1131 1.42		1245 1.34		0630 0.35	
MO 1602 0.44		TU 1525 0.58		TH 1722 0.63		FR 1636 0.58		SA 1741 0.64		SU 1717 0.48		TU 1848 0.65		WE 1254 1.54	
2227 1.92		2154 1.74		2342 1.71		2300 1.73		2352 1.54		2331 1.66				1916 0.44	
10 0513 0.22		25 0438 0.40		10 0635 0.38		25 0547 0.33		10 0633 0.44		25 0608 0.28		10 0042 1.27		25 0116 1.32	
1117 1.38		1038 1.29		1246 1.30		1156 1.33		1251 1.31		1224 1.44		0700 0.53		0725 0.43	
TU 1653 0.53		WE 1605 0.61		FR 1815 0.70		SA 1729 0.60		SU 1832 0.70		MO 1816 0.52		WE 1335 1.34		TH 1357 1.53	
2317 1.83		2233 1.71		2347 1.67		2347 1.67					1951 0.68		● 2032 0.47		
11 0611 0.30		26 0522 0.41		11 0030 1.59		26 0635 0.35		11 0036 1.43		26 0025 1.54		11 0138 1.19		26 0230 1.22	
1217 1.31		1125 1.27		0723 0.45		1249 1.36		0715 0.49		0658 0.33		0750 0.57		0829 0.48	
WE 1746 0.63		TH 1650 0.65		SA 1341 1.30		SU 1828 0.63		MO 1341 1.32		TU 1320 1.47		TH 1431 1.36		FR 1504 1.55	
		2316 1.67		1914 0.75				1931 0.73		1923 0.54		● 2103 0.67		2151 0.45	
12 0011 1.72		27 0610 0.42		12 0121 1.47		27 0041 1.59		12 0126 1.33		27 0126 1.43		12 0245 1.13		27 0348 1.18	
0709 0.38		1217 1.26		0810 0.50		0727 0.36		0759 0.53		0751 0.38		0846 0.59		0935 0.50	
TH 1319 1.27		FR 1741 0.69		SU 1435 1.32		MO 1346 1.40		TU 1432 1.35		WE 1420 1.51		FR 1530 1.39		SA 1612 1.59	
1845 0.70				● 2018 0.77		1933 0.64		● 2038 0.74		● 2038 0.55		2215 0.63		2302 0.39	
13 0106 1.60		28 0005 1.62		13 0216 1.38		28 0141 1.51		13 0224 1.25		28 0235 1.33		13 0357 1.12		28 0500 1.20	
0806 0.44		0702 0.43		0857 0.53		0820 0.38		0846 0.55		0849 0.42		0945 0.59		1039 0.49	
FR 1422 1.26		SA 1314 1.28		MO 1529 1.36		TU 1446 1.47		WE 1526 1.39		TH 1523 1.57		SA 1629 1.45		SU 1713 1.64	
1951 0.75		1841 0.71		2126 0.77		● 2047 0.61		2148 0.72		2156 0.51		2315 0.55			
14 0207 1.50		29 0100 1.57		14 0316 1.32		29 0248 1.45		14 0328 1.20		29 0349 1.27		14 0500 1.14		29 0000 0.33	
0901 0.49		0757 0.42		0943 0.54		0915 0.38		0936 0.56		0949 0.44		1040 0.57		0559 1.25	
SA 1523 1.29		SU 1414 1.32		TU 1618 1.42		WE 1545 1.56		TH 1619 1.45		FR 1626 1.64		SU 1719 1.52		MO 1137 0.45	
● 2100 0.77		● 1950 0.71		2230 0.72		2202 0.55		2253 0.66		2308 0.43				1807 1.69	
15 0309 1.43		30 0204 1.54		15 0415 1.29		30 0359 1.41		15 0431 1.19		30 0500 1.26		15 0005 0.47		30 0050 0.27	
0951 0.51		0852 0.40		1026 0.54		1010 0.38		1025 0.56		1048 0.44		0554 1.19		0648 1.30	
SU 1617 1.34		MO 1515 1.40		WE 1704 1.49		TH 1643 1.67		FR 1708 1.52		SA 1725 1.72		MO 1130 0.52		TU 1230 0.41	
2208 0.74		2103 0.66		2328 0.66		2313 0.46		2348 0.58				1805 1.61		1855 1.71	
		31 0312 1.52												31 0132 0.24	
		0946 0.37												0731 1.35	
		TU 1612 1.52												WE 1316 0.38	
		2215 0.58												1938 1.71	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

