



Roads &
Maritime

NSW Tides

2017–2018



Tidal predictions for Sydney Harbour

with moon phases

July 2017 – June 2018

Tidal predictions are calculated by the Tidal Unit, Bureau of Meteorology from daily tide recordings made at Fort Denison in Sydney Harbour.

Tide heights refer to zero on the Fort Denison Tide Gauge, being approximately the level of the Lowest Astronomical Tide.

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

Tide heights are quoted in metres. Tide heights of 1.7 metres or more, and 0.3 metres or less, are highlighted for trip planning and risk awareness.

Users of these tables should be aware that the heights shown in this publication are predictions for average meteorological conditions only and that the actual water level height may vary due to meteorological conditions (including barometric pressure, wind effect and storm surges) and seasonal variations.

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July / August 2017

SYDNEY (FORT DENISON)

LAT 33° 51' S

LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

JULY 2017

AUGUST 2017

	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m					
1 SA ☾	0142	1.51	12 WE	0422	0.40	23 SU ●	0203	0.18	1 TU	0254	1.22	12 SA	0510	0.33	23 WE	0315	0.18
	0817	0.53		1022	1.38		0801	1.49		0900	0.62		1123	1.49		0920	1.53
	1442	1.44		1557	0.57		1345	0.35		1543	1.46		1715	0.49		1512	0.33
	2042	0.75		2223	1.76		2015	2.04		2219	0.69		2328	1.59		2130	1.82
2 SU	0239	1.40	13 TH	0501	0.41	24 MO	0254	0.15	2 WE	0400	1.19	13 SU	0552	0.37	24 TH	0356	0.23
	0905	0.57		1105	1.38		0855	1.50		0954	0.62		1212	1.50		1004	1.53
	1537	1.47		1642	0.59		1437	0.35		1638	1.50		1811	0.53		1559	0.37
	2150	0.75		2303	1.70		2104	2.02		2320	0.63					2214	1.70
3 MO ☽	0339	1.33	14 FR	0543	0.42	25 TU	0342	0.17	3 TH	0502	1.20	14 MO	0019	1.49	25 FR	0434	0.31
	0952	0.59		1151	1.40		0945	1.50		1046	0.61		0640	0.42		1004	1.51
	1630	1.52		1730	0.62		1529	0.38		1728	1.56		1305	1.52		1645	0.44
	2255	0.71		2347	1.64		2153	1.95					1915	0.56		2255	1.57
4 TU	0437	1.30	15 SA	0626	0.44	26 WE	0429	0.22	4 FR	0011	0.56	15 TU ☾	0118	1.39	26 SA	0511	0.39
	0952	0.59		1241	1.42		1034	1.49		0556	1.24		0733	0.46		1129	1.49
	1717	1.57		1826	0.65		1620	0.43		1134	0.58		1405	1.55		1732	0.52
	2350	0.65					2240	1.84		1813	1.62		2030	0.56		2336	1.44
5 WE	0531	1.30	16 SU	0038	1.56	27 TH	0514	0.29	5 SA	0054	0.49	16 WE	0228	1.31	27 SU	0547	0.47
	1121	0.59		0714	0.45		1123	1.47		0642	1.28		0834	0.49		1212	1.45
	1800	1.63		1335	1.46		1711	0.51		1218	0.55		1511	1.59		1823	0.59
				1929	0.66		2326	1.70		1853	1.68		2149	0.51			
6 TH	0037	0.58	17 MO ☾	0136	0.48	28 FR	0558	0.38	6 SU	0131	0.42	17 TH	0345	1.28	28 MO	0019	1.32
	0619	1.31		0805	0.46		1212	1.45		0722	1.32		0941	0.49		0626	0.55
	1202	0.58		1433	1.52		1803	0.59		1259	0.51		1617	1.67		1258	1.42
	1841	1.69		2041	0.64					1930	1.73		2301	0.42		1919	0.65
7 FR	0118	0.52	18 TU	0243	1.42	29 SA	0012	1.55	7 MO	0207	0.37	18 FR	0500	1.30	29 TU ☾	0109	1.22
	0723	1.33		0901	0.47		0640	0.46		0800	1.35		1045	0.46		0711	0.61
	1242	0.57		1534	1.60		1300	1.43		1338	0.48		1720	1.76		1350	1.40
	1918	1.73		2157	0.58		1859	0.66		2008	1.77		2026	0.67		2026	0.67
8 SA	0156	0.47	19 WE	0354	1.39	30 SU	0059	1.41	8 TU ☾	0242	0.33	19 SA	0004	0.32	30 WE	0211	1.15
	0744	1.34		1000	0.45		0723	0.54		0838	1.39		0602	1.36		0806	0.65
	1320	0.55		1635	1.71		1352	1.42		1417	0.45		1145	0.41		1450	1.40
	1955	1.77		2308	0.48		2001	0.71		2045	1.78		1817	1.85		2138	0.66
9 SU ☉	0232	0.43	20 TH	0503	1.40	31 MO ☾	0152	1.29	9 WE	0316	0.31	20 SU	0059	0.23	31 TH	0324	1.13
	0823	1.36		1059	0.43		0809	0.59		0915	1.42		0658	1.42		0911	0.66
	1358	0.55		1733	1.82		1446	1.43		1458	0.44		1242	0.35		1554	1.43
	2030	1.79		2110	0.72					2122	1.78		1910	1.91		2244	0.61
10 MO	0308	0.41	21 FR	0013	0.36				10 TH	0353	0.30	21 MO	0147	0.17			
	0902	1.36		0608	1.42					0956	1.45		0748	1.48			
	1436	0.54		1156	0.39					1541	0.44		1334	0.32			
	2107	1.80		1830	1.93					2201	1.74		2000	1.93			
11 TU	0345	0.40	22 SA	0110	0.26			11 FR	0430	0.31	22 TU ●	0233	0.15				
	0941	1.37		0707	1.46				1038	1.47		0835	1.52				
	1515	0.55		1251	0.36				1626	0.46		1424	0.30				
	2145	1.79		1923	2.00				2243	1.68		2046	1.89				

September / October 2017

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

SEPTEMBER 2017

	Time	m	Time	m	Time	m		
1 FR	0434	1.15	12 TU	0008	1.41	23 SA	0352	0.36
	1013	0.64		0613	0.43		1109	1.58
	1652	1.48		1240	1.60		1620	0.40
	2338	0.53		1909	0.46		2224	1.46
2 SA	0531	1.20	13 WE ☉	0112	1.30	24 SU	0425	0.43
	1108	0.60		0710	0.51		1046	1.55
	1742	1.55		1343	1.58		1703	0.46
		2025		0.48	2303		1.36	
3 SU	0022	0.46	14 TH	0226	1.23	25 MO	0458	0.50
	0616	1.27		0817	0.55		1124	1.52
	1156	0.54		1453	1.59		1749	0.53
1824	1.62	2144		0.45	2345		1.27	
4 MO	0100	0.38	15 FR	0346	1.23	26 TU	0535	0.58
	0657	1.34		0930	0.55		1206	1.47
	1238	0.47		1604	1.63		1841	0.58
1903	1.68	2253		0.38				
5 TU	0135	0.32	16 SA	0458	1.29	27 WE	0034	1.19
	0733	1.40		1040	0.50		0619	0.64
	1319	0.41		1709	1.70		1255	1.43
1942	1.73	2351		0.31	1942		0.62	
6 WE ☉	0210	0.27	17 SU	0555	1.37	28 TH ☉	0134	1.13
	0810	1.47		1141	0.43		0715	0.69
	1400	0.36		1805	1.75		1354	1.39
2020	1.75	2051		0.62				
7 TH	0245	0.24	18 MO	0041	0.24	29 FR	0247	1.12
	0848	1.53		0645	1.45		0825	0.71
	1442	0.33		1235	0.36		1501	1.39
2100	1.75	1855		1.78	2158		0.59	
8 FR	0320	0.23	19 TU	0125	0.21	30 SA	0400	1.15
	0929	1.57		0730	1.52		0936	0.69
	1526	0.32		1324	0.31		1608	1.43
2142	1.70	1941		1.78	2255		0.52	
9 SA	0359	0.25	20 WE ☉	0205	0.21	31 TU	0605	1.36
	1011	1.61		0813	1.57		1157	0.60
	1614	0.33		1411	0.30		1809	1.51
2226	1.63	2025		1.73				
10 SU	0439	0.29	21 TH	0243	0.24	1 MO	0559	1.22
	1057	1.62		0853	1.59		1138	0.64
	1705	0.37		1455	0.31		1803	1.49
2315	1.52	2106		1.66				
11 MO	0523	0.36	22 FR	0318	0.29	2 TU	0041	0.45
	1145	1.61		0931	1.60		0645	1.30
	1803	0.42		1538	0.35		1230	0.56
		2145		1.56	1849		1.56	

OCTOBER 2017

	Time	m	Time	m	Time	m		
1 SU	0559	1.22	12 TH ☉	0211	1.28	23 MO	0443	0.49
	1138	0.64		0755	0.56		1108	1.64
	1803	1.49		1425	1.63		1738	0.42
				2119	0.41		2337	1.32
2 MO	0041	0.45	13 FR	0327	1.24	24 TU	0516	0.55
	0645	1.30		0907	0.61		1145	1.60
	1230	0.56		1536	1.60		1820	0.47
1849	1.56	2231		0.40				
3 TU	0120	0.37	14 SA	0443	1.27	25 WE	0019	1.25
	0725	1.40		0725	0.60		0554	0.61
	1315	0.47		1649	1.60		1224	1.55
1931	1.63	2334		0.37	1907		0.52	
4 WE	0157	0.31	15 SU	0547	1.34	26 TH	0106	1.20
	0802	1.49		1132	0.54		0639	0.67
	1358	0.38		1753	1.62		1309	1.49
2012	1.68				2001		0.56	
5 TH	0232	0.25	16 MO	0029	0.34	27 FR	0202	1.17
	0841	1.59		0640	1.43		0733	0.72
	1442	0.31		1233	0.47		1402	1.44
2054	1.70	1848		1.64	2102		0.58	
6 FR ☉	0309	0.22	17 TU	0115	0.31	28 SA ☉	0308	1.16
	0920	1.67		0726	1.51		0839	0.75
	1526	0.25		1327	0.41		1506	1.41
2137	1.69	1936		1.64	2206		0.57	
7 SA	0347	0.22	18 WE	0156	0.30	29 SU	0416	1.19
	1002	1.74		0808	1.58		0951	0.74
	1614	0.23		1415	0.36		1615	1.41
2223	1.65	2020		1.62	2303		0.52	
8 SU	0429	0.25	19 TH	0232	0.31	30 MO	0516	1.27
	1046	1.77		0847	1.63		1059	0.69
	1704	0.23		1458	0.34		1715	1.45
2313	1.57	2101		1.57	2351		0.46	
9 MO	0512	0.31	20 FR ☉	0307	0.33	31 TU	0605	1.36
	1134	1.78		0924	1.66		1157	0.60
	1759	0.27		1539	0.34		1809	1.51
		2141		1.51				
10 TU	0005	1.46	21 SA	0339	0.38	1 MO	0559	1.22
	0600	0.39		1000	1.67		1138	0.64
	1225	1.74		1618	0.35		1803	1.49
1858	0.32	2219		1.45				
11 WE	0104	1.36	22 SU	0411	0.43	2 TU	0041	0.45
	0653	0.48		1033	1.66		0645	1.30
	1321	1.69		1658	0.38		1230	0.56
2005	0.38	2258		1.38	1849		1.56	

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Indicates high tide of 1.7m or more

Indicates low tide of 0.3m or less

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

November / December 2017

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

NOVEMBER 2017

DECEMBER 2017

	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m					
1 WE	0033	0.39	12 SU	0425	1.34	23 TH	0524	0.62	1 FR	0032	0.35	12 TU	0453	1.44	23 SA	0013	1.29
	0648	1.48		1008	0.63		1153	1.63		0656	1.68		1055	0.65		0544	0.62
	1247	0.50		1626	1.55		1838	0.47		1315	0.41		1656	1.40		1209	1.64
	1856	1.57		2306	0.40					1915	1.53		2317	0.48		1852	0.45
2 TH	0114	0.32	13 MO	0525	1.40	24 FR	0040	1.24	2 SA	0117	0.31	13 WE	0546	1.50	24 SU	0058	1.28
	0729	1.62		1118	0.60		0608	0.67		0743	1.81		1201	0.62		0630	0.65
	1336	0.39		1730	1.52		1235	1.57		1408	0.29		1755	1.36		1251	1.58
	1942	1.61		2357	0.40		1926	0.51		2008	1.55					1936	0.47
3 FR	0153	0.27	14 TU	0616	1.48	25 SA	0130	1.22	3 SU	0203	0.29	14 TH	0002	0.49	25 MO	0147	1.29
	0810	1.72		1221	0.54		0658	0.71		0830	1.92		0734	1.56		0722	0.69
	1424	0.29		1825	1.50		1322	1.51		1500	0.19		1300	0.56		1338	1.52
	2029	1.63					2017	0.53		2101	1.54		1847	1.34		2023	0.48
4 SA	0234	0.25	15 WE	0042	0.40	26 SU	0227	1.22	4 MO	0251	0.29	15 FR	0045	0.49	26 TU	0242	1.32
	0853	1.82		0702	1.56		0757	0.74		0919	2.00		0716	1.62		0822	0.70
	1513	0.21		1315	0.48		1417	1.46		1554	0.13		1347	0.51		1432	1.45
	2117	1.62		1914	1.48		2113	0.53		2156	1.52		1934	1.33		2115	0.48
5 SU	0316	0.25	16 TH	0121	0.40	27 MO	0329	1.25	5 TU	0341	0.32	16 SA	0122	0.50	27 WE	0339	1.38
	0938	1.89		0744	1.63		0903	0.75		0743	2.02		0736	1.67		0930	0.69
	1603	0.17		1402	0.44		1518	1.43		1647	0.12		1430	0.46		1536	1.41
	2208	1.58		1958	1.46		2208	0.51		2251	1.49		2017	1.33		2208	0.47
6 MO	0401	0.29	17 FR	0157	0.41	28 TU	0428	1.32	6 WE	0433	0.37	17 SU	0159	0.50	28 TH	0437	1.47
	1026	1.93		0744	1.68		1013	0.71		1101	2.02		0832	1.71		1043	0.64
	1656	0.16		1445	0.40		1623	1.43		1743	0.14		1507	0.42		1644	1.39
	2301	1.52		2039	1.43		2300	0.46		2348	1.44		2057	1.33		2302	0.44
7 TU	0450	0.35	18 SA	0230	0.43	29 WE	0521	1.42	7 TH	0528	0.43	18 MO	0233	0.51	29 FR	0532	1.58
	1115	1.92		0857	1.71		1119	0.64		1154	1.95		0907	1.74		1153	0.54
	1752	0.19		1523	0.38		1725	1.46		1839	0.20		1544	0.39		1751	1.40
	2359	1.44		2117	1.40		2346	0.41					2135	1.33		2356	0.40
8 WE	0542	0.43	19 SU	0302	0.46	30 TH	0609	1.55	8 FR	0046	1.40	19 TU	0309	0.52	30 SA	0627	1.71
	1208	1.87		0930	1.72		1219	0.53		0625	0.50		0942	1.75		1257	0.42
	1851	0.25		1600	0.37		1821	1.49		1249	1.84		1619	0.38		1853	1.43
				2156	1.37					1937	0.28		2213	1.33			
9 TH	0059	1.36	20 MO	0335	0.49	10 FR	0743	0.59	9 SA	0147	1.37	20 WE	0345	0.53	31 SU	0048	0.37
	0639	0.52		1004	1.73		1026	1.93		0727	0.57		1017	1.75		0719	1.84
	1305	1.78		1638	0.38		1305	1.78		1346	1.71		1655	0.38		1356	0.29
	1956	0.31		2234	1.34		1956	0.31		2036	0.35		2251	1.32		1952	1.46
10 FR	0205	1.31	21 TU	0409	0.53	11 SU	0833	0.63	10 SU	0251	1.37	21 TH	0422	0.55	11 MO	0354	1.39
	0743	0.59		1039	1.73		1447	1.58		1053	1.73		0833	0.63		1732	0.40
	1407	1.69		1715	0.40		2103	0.41		1447	1.58		2133	0.41		2330	1.30
	2103	0.36		2314	1.31												
11 SA	0316	1.30	22 WE	0445	0.57	11 MO	0944	0.66	11 MO	0354	1.39	22 FR	0501	0.58			
	0854	0.63		1115	1.68		0944	0.66		0944	0.66		1130	1.69			
	1515	1.60		1756	0.43		1552	1.48		1552	1.48		1811	0.42			
	2207	0.39		2355	1.27		2227	0.46		2227	0.46						

January / February 2018

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

JANUARY 2018

	Time	m	Time	m	Time	m		
1 MO	0141	0.34	12	0600	1.52	23	0111	1.39
	0812	1.96		1237	0.62		0658	0.60
	1451	0.19	FR	1820	1.22	TU	1310	1.53
	2049	1.48					1941	0.45
2 TU	0233	0.32	13	0009	0.58	24	0201	1.41
	0904	2.04		0647	1.57		0754	0.63
	1544	0.12	SA	1329	0.56	WE	1400	1.45
	2144	1.50		1913	1.24		2029	0.48
3 WE	0326	0.32	14	0053	0.56	25	0257	1.44
	0956	2.07		0730	0.56		0900	0.64
	1636	0.09	SU	1411	0.49	TH	1501	1.37
	2238	1.50		1958	1.27		2124	0.50
4 TH	0419	0.34	15	0134	0.55	26	0358	1.51
	1047	2.05		0810	1.68		1016	0.61
	1728	0.12	MO	1449	0.44	FR	1615	1.32
	2331	1.48		2038	1.30		2225	0.50
5 FR	0514	0.38	16	0213	0.53	27	0501	1.60
	1139	1.97		0846	1.72		1133	0.53
	1818	0.18	TU	1525	0.39	SA	1731	1.32
				2116	1.33		2329	0.47
6 SA	0025	1.46	17	0250	0.51	28	0603	1.71
	0609	0.45		0922	1.75		1244	0.42
	1230	1.84	WE	1559	0.37	SU	1841	1.35
	1909	0.27		2152	1.35			
7 SU	0120	1.44	18	0327	0.50	29	0029	0.43
	0706	0.52		0958	1.76		0702	1.83
	1321	1.69	TH	1633	0.35	MO	1345	0.29
	2000	0.36		2229	1.36		1943	1.41
8 MO	0215	1.42	19	0404	0.50	30	0127	0.38
	0806	0.60		1033	1.75		0758	1.94
	1415	1.53	FR	1708	0.36	TU	1440	0.19
	2049	0.45		2305	1.36		2038	1.47
9 TU	0313	1.42	20	0444	0.51	31	0221	0.33
	0913	0.66		1109	1.72		0851	2.01
	1513	1.39	SA	1743	0.37	WE	1530	0.12
	2140	0.52		2345	1.37		2130	1.52
10 WE	0411	1.43	21	0524	0.53			
	1023	0.68		1146	1.68			
	1615	1.29	SU	1819	0.39			
	2230	0.56						
11 TH	0508	1.47	22	0026	1.38			
	1133	0.67		0608	0.56			
	1720	1.23	MO	1226	1.61			
	2320	0.58		1858	0.42			

FEBRUARY 2018

	Time	m	Time	m	Time	m		
1 TH	0315	0.30	12	0028	0.63	23	0223	1.53
	0943	2.04		0702	1.57		0845	0.58
	1618	0.11	MO	1346	0.52	FR	1445	1.32
	2220	1.54		1938	1.26		2050	0.56
2 FR	0407	0.30	13	0114	0.59	24	0327	1.55
	1032	2.00		0745	1.63		1002	0.57
	1705	0.14	TU	1425	0.45	SA	1602	1.26
	2310	1.55		2018	1.32		2200	0.58
3 SA	0459	0.33	14	0155	0.54	25	0437	1.61
	1120	1.91		0824	1.68		1122	0.51
	1750	0.21	WE	1500	0.40	SU	1724	1.28
	2358	1.54		2054	1.36		2312	0.56
4 SU	0550	0.39	15	0233	0.50	26	0546	1.70
	1207	1.77		0900	1.72		1232	0.41
	1833	0.30	TH	1533	0.36	MO	1835	1.34
				2129	1.40			
5 MO	0045	1.51	16	0311	0.46	27	0018	0.49
	0643	0.48		0936	1.75		0648	1.80
	1254	1.61	FR	1605	0.34	TU	1331	0.30
	1916	0.41		2203	1.44		1933	1.43
6 TU	0134	1.48	17	0348	0.44	28	0118	0.42
	0738	0.57		1012	1.75		0745	1.89
	1341	1.45	SA	1638	0.33	WE	1424	0.22
	1959	0.50		2239	1.47		2026	1.51
7 WE	0226	1.45	18	0427	0.44			
	0838	0.64		1047	1.72			
	1431	1.31	SU	1712	0.34			
	2045	0.58		2316	1.50			
8 TH	0320	1.43	19	0508	0.45			
	0945	0.69		1126	1.67			
	1531	1.21	MO	1746	0.36			
	2136	0.64		2357	1.51			
9 FR	0419	1.44	20	0553	0.48			
	1057	0.69		1206	1.60			
	1643	1.16	TU	1824	0.40			
	2235	0.67						
10 SA	0519	1.46	21	0040	1.52			
	1205	0.65		0642	0.51			
	1752	1.17	WE	1250	1.51			
	2334	0.66		1905	0.45			
11 SU	0615	1.51	22	0128	1.53			
	1300	0.59		0738	0.55			
	1851	1.21	TH	1342	1.41			
				1952	0.51			

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Indicates high tide of 1.7m or more

Indicates low tide of 0.3m or less

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

March / April 2018

SYDNEY (FORT DENISON)

LAT 33° 51' S

LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

MARCH 2018

APRIL 2018

Time	m	Time	m	Time	m	Time	m	Time	m		
1 TH	0213 0.34 0837 1.94 1511 0.17 2114 1.58	12 MO	0533 1.47 1222 0.61 1824 1.22	23 FR	0103 1.67 0732 0.49 1335 1.37 1928 0.58	1 SU	0241 0.34 0851 1.74 1502 0.33 2115 1.73	12 TH	0534 1.56 1205 0.51 1815 1.44	23 MO	0152 1.70 0850 0.48 1501 1.33 2038 0.71
2 FR	0304 0.30 0926 1.94 1555 0.17 2200 1.62	13 TU	0000 0.70 0628 1.52 1311 0.54 1912 1.29	24 SA	0200 1.64 0841 0.52 1443 1.29 2030 0.64	2 MO	0327 0.36 0934 1.65 1538 0.40 2155 1.73	13 FR	0006 0.62 0617 1.61 1243 0.45 1852 1.53	24 TU	0305 1.67 0956 0.46 1612 1.39 2154 0.68
3 SA	0354 0.29 1014 1.89 1636 0.21 2244 1.64	14 WE	0051 0.64 0715 1.59 1351 0.48 1951 1.37	25 SU	0306 1.62 0958 0.52 1602 1.27 2146 0.67	3 TU	0412 0.41 1016 1.54 1613 0.48 2233 1.70	14 SA	0048 0.54 0658 1.65 1317 0.40 1928 1.62	25 WE	0415 1.68 1055 0.43 1711 1.48 2301 0.61
4 SU	0443 0.32 1059 1.79 1716 0.29 2327 1.63	15 TH	0134 0.57 0755 1.65 1426 0.42 2027 1.44	26 MO	0420 1.64 1112 0.48 1722 1.31 2303 0.63	4 WE	0456 0.47 1058 1.44 1645 0.56 2311 1.65	15 SU	0130 0.46 0738 1.68 1351 0.37 2004 1.71	26 TH	0515 1.70 1145 0.40 1801 1.58
5 MO	0531 0.38 1143 1.66 1754 0.38	16 FR	0214 0.51 0832 1.69 1459 0.37 2100 1.50	27 TU	0531 1.69 1217 0.41 1827 1.40	5 TH	0542 0.54 1140 1.34 1720 0.65 2350 1.59	16 MO	0212 0.40 0819 1.68 1428 0.36 2043 1.79	27 FR	0001 0.53 0609 1.70 1230 0.38 1847 1.67
6 TU	0009 1.60 0619 0.46 1225 1.52 1830 0.48	17 SA	0251 0.45 0909 1.72 1531 0.34 2135 1.57	28 WE	0011 0.55 0634 1.76 1313 0.34 1921 1.50	6 FR	0631 0.60 1226 1.26 1800 0.72	17 TU	0256 0.36 0903 1.65 1505 0.38 2124 1.84	28 SA	0054 0.47 0658 1.68 1312 0.39 1930 1.74
7 WE	0052 1.56 0709 0.55 1308 1.38 1907 0.57	18 SU	0330 0.41 0946 1.72 1604 0.33 2211 1.62	29 TH	0111 0.47 0729 1.81 1400 0.29 2009 1.59	7 SA	0035 1.53 0726 0.65 1320 1.21 1851 0.78	18 WE	0344 0.34 0950 1.60 1545 0.42 2208 1.86	29 SU	0142 0.43 0744 1.64 1349 0.41 2009 1.78
8 TH	0136 0.51 0803 0.62 1356 1.27 1948 0.66	19 MO	0411 0.39 1026 1.70 1638 0.34 2249 1.66	30 FR	0204 0.39 0819 1.83 1445 0.27 2053 1.66	8 SU	0130 1.48 0829 0.67 1428 1.18 1958 0.82	19 TH	0434 0.35 1041 1.53 1630 0.48 2255 1.85	30 MO	0227 0.41 0827 1.58 1425 0.46 2047 1.80
9 FR	0226 1.46 0904 0.67 1453 1.18 2040 0.72	20 TU	0455 0.39 1107 1.64 1715 0.37 2330 1.69	31 SA	0254 0.35 0906 1.80 1525 0.28 2135 1.71	9 MO	0235 1.45 0934 0.66 1542 1.21 2114 0.82	20 FR	0530 0.39 1135 1.44 1718 0.56 2346 1.80		
10 SA	0324 1.43 1014 0.69 1604 1.15 2146 0.75	21 WE	0542 0.41 1151 1.57 1754 0.43			10 TU	0345 1.46 1034 0.62 1645 1.27 2222 0.78	21 SA	0630 0.43 1235 1.37 1815 0.64		
11 SU	0430 1.43 1123 0.66 1721 1.17 2257 0.75	22 TH	0015 1.69 0634 0.44 1240 1.47 1837 0.50			11 WE	0445 1.50 1124 0.57 1735 1.35 2319 0.70	22 SU	0045 1.75 0739 0.47 1345 1.32 1921 0.70		

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Bureau of Meteorology

Indicates high tide of 1.7m or more

Indicates low tide of 0.3m or less

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

May / June 2018

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

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

MAY 2018

	Time	m	Time	m	Time	m		
1 TU	0309	0.42	12 SA	0535	1.56	23 WE	0246	1.67
	0909	1.52		1153	0.47		0930	0.46
	1459	0.51		1813	1.62		1550	1.46
	2124	1.80					2140	0.70
2 WE	0351	0.45	13 SU	0019	0.57	24 TH	0352	1.62
	0950	1.45		0621	1.60		1024	0.47
	1532	0.57		1232	0.43		1646	1.54
	2159	1.77		1853	1.73		2248	0.65
3 TH	0432	0.49	14 MO	0106	0.47	25 FR	0452	1.59
	1031	1.38		0706	1.62		1113	0.47
	1606	0.63		1311	0.40		1737	1.63
	2235	1.73		1933	1.84		2349	0.59
4 FR	0515	0.53	15 TU	0153	0.38	26 SA	0545	1.55
	1113	1.33		0754	1.62		1156	0.48
	1642	0.69		1352	0.39		1822	1.70
	2313	1.67		2016	1.93			
5 SA	0600	0.58	16 WE	0242	0.32	27 SU	0042	0.54
	1158	1.28		0844	1.60		0635	1.52
	1723	0.75		1436	0.41		1236	0.49
	2355	1.61		2101	1.99		1904	1.76
6 SU	0650	0.62	17 TH	0333	0.29	28 MO	0129	0.49
	1249	1.25		0936	1.55		0720	1.49
	1813	0.81		1522	0.45		1313	0.51
				2149	2.00		1943	1.80
7 MO	0044	1.55	18 FR	0427	0.29	29 TU	0211	0.47
	0745	0.65		1031	1.50		0803	1.45
	1349	1.24		1613	0.51		1348	0.54
	1914	0.85		2240	1.98		2019	1.82
8 TU	0143	1.50	19 SA	0524	0.32	30 WE	0251	0.46
	0845	0.65		1130	1.44		0845	1.42
	1455	1.26		1706	0.58		1423	0.58
	2025	0.85		2334	1.91		2055	1.82
9 WE	0248	1.48	20 SU	0625	0.37	31 TH	0330	0.47
	0941	0.62		1231	1.40		0925	1.38
	1557	1.32		1806	0.65		1458	0.61
	2135	0.82					2130	1.80
10 TH	0352	1.49	21 MO	0033	1.83			
	1030	0.58		0729	0.41			
	1648	1.40		1338	1.39			
	2238	0.76		1914	0.70			
11 FR	0446	1.53	22 TU	0138	1.74			
	1114	0.53		0832	0.44			
	1732	1.50		1446	1.41			
	2331	0.67		2027	0.71			

JUNE 2018

	Time	m	Time	m	Time	m		
1 FR	0409	0.48	12 TU	0045	0.45	23 SA	0426	1.43
	1005	1.35		0640	1.53		1036	0.53
	1533	0.65		1236	0.42		1709	1.62
	2205	1.77		1906	1.92		2334	0.62
2 SA	0448	0.51	13 WE	0137	0.35	24 SU	0522	1.39
	1046	1.33		0733	1.54		1120	0.54
	1612	0.69		1323	0.40		1756	1.68
	2243	1.72		1954	2.01			
3 SU	0530	0.54	14 TH	0229	0.27	25 MO	0029	0.57
	1130	1.30		0828	1.54		0613	1.36
	1654	0.73		1413	0.41		1201	0.55
	2323	1.67		2044	2.07		1839	1.73
4 MO	0615	0.57	15 FR	0322	0.22	26 TU	0114	0.52
	1217	1.29		0924	1.52		0700	1.35
	1741	0.78		1504	0.43		1241	0.56
				2134	2.08		1918	1.76
5 TU	0007	1.61	16 SA	0416	0.22	27 WE	0155	0.48
	0703	0.60		1020	1.49		0742	1.35
	1310	1.28		1559	0.47		1318	0.57
	1835	0.81		2228	2.04		1955	1.79
6 WE	0058	1.55	17 SU	0513	0.25	28 TH	0232	0.46
	0755	0.60		1118	1.47		0822	1.35
	1407	1.31		1655	0.53		1355	0.58
	1938	0.83		2321	1.96		2030	1.80
7 TH	0155	1.50	18 MO	0610	0.30	29 FR	0308	0.44
	0845	0.59		1217	1.45		0901	1.35
	1505	1.36		1755	0.59		1431	0.59
	2046	0.82					2105	1.79
8 FR	0257	1.48	19 TU	0018	1.85	30 SA	0345	0.44
	0935	0.56		0707	0.36		0940	1.34
	1559	1.44		1318	1.44		1509	0.61
	2154	0.76		1900	0.64		2141	1.77
9 SA	0357	1.48	20 WE	0117	1.72			
	1021	0.52		0803	0.42			
	1647	1.55		1420	1.46			
	2256	0.68		2009	0.68			
10 SU	0453	1.49	21 TH	0220	1.60			
	1106	0.48		0858	0.47			
	1734	1.67		1520	1.50			
	2352	0.57		2121	0.69			
11 MO	0547	1.51	22 FR	0324	1.50			
	1150	0.44		0948	0.50			
	1819	1.80		1617	1.56			
				2231	0.67			

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Indicates high tide of 1.7m or more

Indicates low tide of 0.3m or less

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

Time variations – NSW ports and rivers

The following tables show tidal variations at several locations along the NSW coastline and in coastal rivers. The time variation should be added to the corresponding Fort Denison time. In view of the variations caused by local conditions and meteorological effects, these times are approximate and must be considered as a guide only. They are not to be relied on for critical depth calculations for safe navigation. Actual times of High and Low Water may occur before or after the times indicated.

Station	Approximate time lag after Fort Denison	
	High Water	Low Water
TWOFOLD BAY Eden	NIL	NIL
MERIMBULA LAKE Bridge Within the Lake	1 hr 30 min 2 hrs	1 hr 30 min 3 to 4 hrs
BERMAGUI RIVER Bermagui Bridge	45 min	45 min
WAGONGA INLET Narooma	45 min	30 min
MORUYA RIVER Moruya	45 min	45 min
BATEMANS BAY	NIL	NIL
CLYDE RIVER Bridge	15 min	15 min
ULLADULLA	NIL	NIL
JERVIS BAY	NIL	NIL
CROOKHAVEN RIVER Crookhaven Jetty Greenwell Point	15 min 45 min	15 min 45 min
SHOALHAVEN RIVER O'Keefes Point Nowra Gypsy Point	2 hrs 2 hrs 10 min 3 hrs	2 hrs 15 min 2 hrs 20 min 3 hrs 30 min
KIAMA	NIL	NIL
LAKE ILLAWARRA Bridge	15 min	1 hr 45 min
PORT KEMBLA	NIL	NIL

Station	Approximate time lag after Fort Denison	
	High Water	Low Water
WOLLONGONG	NIL	NIL
PORT HACKING Burraneer Lilli Pilli Audley	15 min 30 min 30 min	NIL 45 min 1 hr
BOTANY BAY & GEORGES RIVER Kurnell Dolls Point Como Lugarno Milperra Liverpool	NIL 15 min 30 min 1 hr 2 hrs 15 min 2 hrs 45 min	NIL 15 min 15 min NIL 2 hrs 10 min 2 hrs 30 min
SYDNEY Fort Denison Gladesville Bridge Silverwater Bridge Fig Tree Bridge The Spit Bridge	NIL 15 min 15 min 15 min NIL	NIL 15 min 15 min 15 min NIL
HAWKESBURY RIVER Peats Ferry Bridge Wisemans Ferry Lower Portland Ferry Windsor Pittwater	1 hr 2 hrs 15 min 3 hrs 5 min 5 hrs 15 min NIL	1 hr 2 hrs 30 min 3 hrs 5 min 5 hrs 50 min NIL
HUNTER RIVER Newcastle Hexham Raymond Terrace Morpeth	NIL 1 hr 10 min 1 hr 50 min 3 hrs 10 min	NIL 1 hr 1 hr 55 min 3 hrs 30 min
BRISBANE WATER Ettalong Koolewong	30 min 2 hrs 10 min	40 min 2 hrs 20 min

Time variations – NSW ports and rivers

Station	Approximate time lag after Fort Denison	
	High Water	Low Water
LAKE MACQUARIE		
Swansea	0 to 15 min	15 min
Within the Lake	2 hrs 50 min	30 min
PORT STEPHENS		
Nelson Bay	30 min	15 min
Salamander Bay	45 min	30 min
Soldiers Point	1 hr	45 min
Karuah		
(Karuah River)	1 hr 15 min	45 min
Pindimar	45 min	45 min
Tea Gardens	1 hr	45 min
BROUGHTON ISLAND	NIL	NIL
CAPE HAWKE HARBOUR		
Forster	0 to 15 min	NIL
Wollomba River (mouth)	1 hr 50 min	2 hrs 10 min
Nabiac	3 hrs	Limited Information only
MANNING RIVER	Based on bar at Harrington	
Harrington	NIL	15 to 30 min
Taree	2 hrs	2 hrs 45 min
Wingham	3 hrs 15 min	3 hrs 45 min
CROWDY HEAD	NIL	NIL
CAMDEN HAVEN		
Laurieton	30 min	1 hr
Watson Taylors Lake	2 hrs	2 hrs
Kendall	3 hrs 30 min	4 hrs
Queens Lake	2 hrs	2 hrs 15 min
HASTINGS RIVER		
Port Macquarie Wharf	15 to 30 min	15 to 30 min
Blackmans Point	1 hr 30 min	1 hr 15 min
Wauchope	1 hr 50 min	1 hr 15 min
TRIAL BAY	NIL	NIL
MACLEAY RIVER		
Jerseyville	1 hr	1 hr 15 min
Gladstone	2 hrs 10 min	2 hrs 20 min
Frederickton	3 hrs 15 min	4 hrs 15 min
Kempsey	3 hrs 15 min	3 hrs 20 min

Station	Approximate time lag after Fort Denison	
	High Water	Low Water
NAMBUCCA RIVER	Limited information only	
Watts Creek	1 hr	
Macksville	1 hr 30 min	2 hrs 10 min
KALANG RIVER		
Urunga Bridge	1 hr 20 min	1 hr 40 min
BELLINGER RIVER	Limited information only	
Mylestom	30 min	1 hr
Raleigh	1 hr	1 hr 30 min
Bellingen	1 hr 40 min	2 hrs 10 min
COFFS HARBOUR	0 to 15 min	0 to 15 min
N.W. SOLITARY ISLAND	NIL	NIL
WOOLI RIVER		
Fishing Co-op	15 min	15 min
Wooli	1 hr 5 min	1 hr 50 min
SANDON RIVER		
Sandon	30 min	30 min
CLARENCE RIVER		
Iluka	NIL	NIL
Macleean	2 hrs 15 min	2 hrs 25 min
Ulmarra	4 hrs 30 min	5 hrs
Grafton	4 hrs 10 min	4 hrs 30 min
EVANS RIVER		
Evans Head Bridge	NIL	15 min
RICHMOND RIVER		
Ballina Boat Dock	15 min	15 min
Wardell	1 hr 30 min	2 hrs
Broadwater	1 hr 45 min	2 hrs 30 min
Coraki	4 hrs	4 hrs 30 min
Lismore	1 hr 15 min	1 hr
BYRON BAY	NIL	NIL
BRUNSWICK RIVER		
Pacific Highway Bridge	30 min	1 hr
TWEED RIVER		
Terranora Inlet	2 hrs 10 min	2 hrs 25 min
Chinderah	1 hr 15 min	2 hrs
Murwillumbah	2 hrs 30 min	2 hrs 50 min

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