



Transport
Maritime



NSW Tides

2013-2014

**YOU'RE THE SKIPPER
YOU'RE RESPONSIBLE!**

Tidal predictions for Sydney Harbour

with moon phases

July 2013 – June 2014

Tidal predictions are calculated by the National Tidal Centre of Australia from daily tide recordings made at Fort Denison in Sydney Harbour.

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

All times stated are Eastern Standard Time. When Daylight Saving Time is in force, add one hour.

Tide heights are quoted in metres. As predictions are for average meteorological conditions, the actual tides may differ from those predicted. 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 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.

Copyright in the Tidal Predictions is owned by the Commonwealth of Australia represented by the Bureau of Meteorology. This product is based on Bureau of Meteorology information that has subsequently been modified. The Bureau does not necessarily support or endorse, or have any connection with, the product.

In respect of that part of the information which is sourced from the Bureau, and to the maximum extent permitted by law:

- (i) The Bureau makes no representation and gives no warranty of any kind whether express, implied, statutory or otherwise in respect to the availability, accuracy, currency, completeness, quality or reliability of the information or that the information will be fit for any particular purpose or will not infringe any third party Intellectual Property rights; and
- (ii) the Bureau's liability for any loss, damage, cost or expense resulting from use of, or reliance on, the information is entirely excluded.

No part of this publication may be reproduced in any form or by any means without the prior written permission of Roads and Maritime Services.

Cover: Port Hacking.

Info Line on 13 12 56

www.rms.nsw.gov.au



Maritime is a division of
Roads and Maritime Services

Time variations

NSW Ports and Rivers

Time lags after Fort Denison, Sydney, of tides at several locations along the NSW coastline and in coastal rivers are set out in the following table. 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		Station	Approximate time lag after Fort Denison	
	High Water	Low Water		High Water	Low Water
TWOFOLD BAY Eden	NIL	NIL	WOLLONGONG	NIL	NIL
MERIMBULA LAKE Bridge Within the Lake	1 hr 30 min 2 hrs	1 hr 30 min 3 to 4 hrs	PORT HACKING Burraneer Lilli Pilli Audley	15 min 30 min 30 min	NIL 45 min 1 hr
BERMAGUI RIVER Bermagui Bridge	45 min	45 min	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
WAGONA INLET Narooma	54 min	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
MORUYA RIVER Moruya	45 min	45 min	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
BATEMANS BAY	NIL	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
CLYDE RIVER Bridge	15 min	15 min	BRISBANE WATERS Ettalong Koolewong	30 min 2 hrs 10 min	40 min 2 hrs 20 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			

Time variations

Station	Approximate time lag after Fort Denison		Station	Approximate time lag after Fort Denison	
	High Water	Low Water		High Water	Low Water
LAKE MACQUARIE Swansea Within the Lake	0 to 15 min 2 hrs 50 min	15 min 30 min	NAMBUCCA RIVER Watts Creek Macksville	Limited information only 1 hr 1 hr 30 min	2 hrs 10 min
PORT STEPHENS Nelson Bay Salamander Bay Soldiers Point Karuah (Karuah River) Pindimar Tea Gardens	30 min 45 min 1 hr 1 hr 15 min 45 min 1 hr	15 min 30 min 45 min 45 min 45 min	KALANG RIVER Urunga Bridge	1 hr 20 min	1 hr 40 min
BROUGHTON ISLAND	NIL	NIL	BELLINGER RIVER Mylestom Raleigh Bellingen	Limited information only 30 min 1 hr 1 hr 40 min	1 hr 1 hr 30 min 2 hrs 10 min
CAPE HAWKE HARBOUR Forster Wollomba River (mouth) Nabiac	0 to 15 min 1 hr 50 min 3 hrs	NIL 2 hrs 10 min Limited Information only	COFFS HARBOUR	0 to 15 min	0 to 15 min
MANNING RIVER Harrington Taree Wingham	Based on bar NIL 2 hrs 3 hrs 15 min	at Harrington 15 to 30 min 2 hrs 45 min 3 hrs 45 min	N.W. SOLITARY ISLAND	NIL	NIL
CROWDY HEAD	NIL	NIL	WOOLI RIVER Fishing Co-op Wooli	15 min 1 hr 5 min	15 min 1 hr 50 min
CAMDEN HAVEN Laurieton Watson Taylors Lake Kendall Queens Lake	30 min 2 hrs 3 hrs 30 min 2 hrs	1 hr 2 hrs 4 hrs 2 hrs 15 min	SANDON RIVER Sandon	30 min	30 min
HASTINGS RIVER Port Macquarie Wharf Blackmans Point Wauchope	15 to 30 min 1 hr 30 min 1 hr 50 min	15 to 30 min 1 hr 15 min 1 hr 15 min	CLARENCE RIVER Iluka Maclean Ulmarra Grafton	NIL 2 hrs 15 min 4 hrs 30 min 4 hrs 10 min	NIL 2 hrs 25 min 5 hrs 4 hrs 30 min
TRIAL BAY	NIL	NIL	EVANS RIVER Evans Head Bridge	NIL	15 min
MACLEAY RIVER Jerseyville Gladstone Frederickton Kempsey	1 hr 2 hrs 10 min 3 hrs 15 min 3 hrs 15 min	1 hr 15 min 2 hrs 20 min 4 hrs 15 min 3 hrs 20 min	RICHMOND RIVER Ballina Boat Dock Wardell Broadwater Coraki Lismore	15 min 1 hr 30 min 1 hr 45 min 4 hrs 1 hr 15 min	15 min 2 hrs 2 hrs 30 min 4 hrs 30 min 1 hr
			BYRON BAY	NIL	NIL
			BRUNSWICK RIVER Pacific Highway Bridge	30 min	1 hr
			TWEED RIVER Terranora Inlet Chinderah Murwillumbah	2 hrs 10 min 1 hr 15 min 2 hrs 30 min	2 hrs 25 min 2 hrs 2 hrs 50 min

July / August 2013

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

JULY 2013

AUGUST 2013

	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m					
1 MO	0223	1.38	12 FR	0444	0.40	23 TU	0231	0.11	1 TH	0357	1.14	12 MO	0523	0.37	23 FR	0336	0.15
	0843	0.53		1050	1.37		0830	1.51		0942	0.62		1145	1.49		0945	1.61
	2136	0.69		2248	1.65		1415	0.28		1626	1.50		1750	0.52		1545	0.28
2 TU	0327	1.29	13 SA	0520	0.42	24 WE	0320	0.10	2 FR	0500	1.15	13 TU	0605	0.42	24 SA	0416	0.23
	0931	0.57		1132	1.39		0922	1.55		1037	0.61		1235	1.50		1030	1.60
	1610	1.54		1716	0.60		1509	0.29		1719	1.54		1849	0.55		1635	0.35
3 WE	0430	1.24	14 SU	0600	0.44	25 TH	0407	0.14	3 SA	0007	0.55	14 WE	0046	1.33	25 SU	0457	0.32
	1021	0.59		1218	1.41		1012	1.56		0554	1.19		0655	0.46		1115	1.57
	1701	1.58		1808	0.64		1602	0.33		1129	0.58		1331	1.51		1726	0.43
4 TH	0527	1.24	15 MO	0014	1.49	26 FR	0453	0.20	4 SU	0048	0.48	15 TH	0153	1.25	26 MO	0535	0.42
	1108	0.59		0642	0.46		1101	1.55		0639	1.24		0754	0.50		1200	1.52
	1749	1.63		1308	1.44		1656	0.40		1214	0.54		1436	1.55		1818	0.52
5 FR	0032	0.57	16 TU	0107	1.41	27 SA	0537	0.30	5 MO	0125	0.42	16 FR	0310	1.22	27 TU	0015	1.28
	0616	1.25		0730	0.48		1151	1.53		0718	1.29		0902	0.50		0616	0.51
	1153	0.58		1403	1.48		1751	0.49		1255	0.50		1545	1.61		1247	1.47
6 SA	0114	0.51	17 WE	0211	1.34	28 SU	0621	0.39	6 TU	0200	0.37	17 SA	0427	1.24	28 WE	0105	1.17
	0700	1.28		0824	0.49		1242	1.51		0754	1.33		1012	0.47		0702	0.58
	1235	0.56		1503	1.55		1849	0.57		1333	0.46		1652	1.71		1340	1.43
7 SU	0150	0.46	18 TH	0323	1.30	29 MO	0048	1.39	7 WE	0231	0.34	18 SU	0533	1.31	29 TH	0207	1.10
	0741	1.30		0925	0.49		0706	0.48		0830	1.37		1116	0.40		0758	0.63
	1314	0.55		1606	1.64		1334	1.48		1412	0.44		1752	1.81		1440	1.40
8 MO	0226	0.43	19 FR	0435	1.31	30 TU	0144	1.25	8 TH	0303	0.32	19 MO	0033	0.22	30 FR	0320	1.08
	0818	1.32		1027	0.46		0754	0.56		0904	1.40		0630	1.40		0902	0.65
	1352	0.53		1707	1.76		1430	1.47		1450	0.43		1215	0.32		1544	1.41
9 TU	0300	0.40	20 SA	0542	1.35	31 WE	0247	1.17	9 FR	0336	0.31	20 TU	0123	0.14	31 SA	0430	1.11
	0856	1.34		1127	0.41		0846	0.60		0941	1.43		0722	1.47		1007	0.63
	1430	0.53		1805	1.87		1529	1.47		1530	0.43		1310	0.26		1644	1.46
10 WE	0334	0.39	21 SU	0048	0.27	10 TH	0144	1.25	10 SU	0409	0.32	21 WE	0210	0.10	10 TH	0430	1.11
	0932	1.35		0642	1.41		0846	0.60		1019	1.46		0812	1.55		1007	0.63
	1509	0.53		1224	0.35		1529	1.47		1613	0.45		1403	0.23		1644	1.46
11 TH	0408	0.39	22 SU	0141	0.17	11 FR	0247	1.17	11 SU	0445	0.34	22 TH	0254	0.11	11 TH	0430	1.11
	1011	1.36		0737	1.47		0846	0.60		1100	1.48		1455	0.23		1007	0.63
	1548	0.55		1320	0.31		1529	1.47		1659	0.48		1455	0.23		1644	1.46
	2211	1.71		1953	2.03		2214	0.66		2306	1.52		2114	1.83		2330	0.53

September / October 2013

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

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

SEPTEMBER 2013

OCTOBER 2013

Time			Time			Time			Time			Time					
	m			m			m			m		m		m			
1	0527	1.17	12	0038	1.27	23	0415	0.38	1	0536	1.28	12	0146	1.23	23	0412	0.52
SU	1103	0.58		0632	0.48		1037	1.62	TU	1126	0.54	SA	0729	0.56	WE	1039	1.62
	1733	1.51		1308	1.56	MO	1700	0.39		1741	1.49		1400	1.58		1715	0.43
				1952	0.46		2300	1.33					2054	0.38		2315	1.23
2	0015	0.46	13	0147	1.20	24	0451	0.47	2	0007	0.40	13	0301	1.25	24	0450	0.58
	0612	1.24		0737	0.53		1117	1.56		0615	1.37		0845	0.56		1119	1.55
MO	1152	0.52	FR	1416	1.55	TU	1746	0.47	WE	1211	0.47	SU	1514	1.56	TH	1800	0.49
	1817	1.57		2109	0.44		2344	1.23		1822	1.54		2159	0.35			
3	0051	0.39	14	0307	1.19	25	0530	0.55	3	0042	0.34	14	0409	1.32	25	0001	1.18
	0650	1.31		0851	0.53		1200	1.50		0652	1.46		0958	0.51		0535	0.64
TU	1234	0.46	SA	1530	1.59	WE	1837	0.54	TH	1253	0.39	MO	1621	1.58	FR	1715	1.49
	1856	1.62		2219	0.38					1901	1.57		2255	0.31		1851	0.53
4	0125	0.34	15	0421	1.25	26	0031	1.15	4	0115	0.30	15	0507	1.42	26	0055	1.15
	0726	1.38		1004	0.48		0615	0.62		0728	1.55		1103	0.44		0629	0.69
WE	1315	0.41	SU	1639	1.65	TH	1248	1.43	FR	1333	0.32	TU	1721	1.60	SA	1255	1.42
	1932	1.65		2320	0.30		1935	0.59		1940	1.59		2345	0.27		1948	0.56
5	0157	0.30	16	0523	1.34	27	0130	1.10	5	0149	0.27	16	0557	1.52	27	0158	1.15
	0800	1.44		1110	0.40		0711	0.67		0804	1.64		1201	0.36		0733	0.72
TH	1353	0.37	MO	1738	1.72	FR	1345	1.39	SA	1415	0.27	WE	1814	1.60	SU	1355	1.38
	2008	1.66					2041	0.60		2021	1.58					2048	0.55
6	0228	0.27	17	0013	0.22	28	0240	1.09	6	0225	0.26	17	0030	0.26	28	0304	1.18
	0835	1.50		0616	1.45		0819	0.69		0843	1.70		0644	1.62		0845	0.71
FR	1432	0.34	TU	1208	0.32	SA	1452	1.37	SU	1500	0.24	TH	1254	0.31	MO	1501	1.36
	2045	1.65		1831	1.76		2146	0.58		2104	1.55		1901	1.59		2145	0.52
7	0300	0.26	18	0100	0.17	29	0351	1.13	7	0302	0.28	18	0110	0.26	29	0403	1.25
	0912	1.55		0704	1.54		0930	0.67		0924	1.74		0726	1.68		0953	0.67
SA	1514	0.32	WE	1302	0.26	SU	1558	1.39	MO	1546	0.24	FR	1343	0.27	TU	1603	1.38
	2124	1.61		1920	1.77		2243	0.52		2150	1.49		1947	1.55		2233	0.48
8	0335	0.27	19	0142	0.15	30	0450	1.20	8	0345	0.32	19	0148	0.29	30	0453	1.34
	0950	1.59		0749	1.62		1032	0.62		1009	1.75		0807	1.72		1051	1.60
SU	1559	0.33	TH	1352	0.22	MO	1654	1.44	TU	1637	0.26	SA	1428	0.27	WE	1657	1.42
	2205	1.54		2007	1.73		2329	0.46		2240	1.41		2030	1.49		2316	0.42
9	0412	0.30	20	0222	0.18				9	0430	0.38	20	0225	0.34	31	0535	1.45
	1032	1.60		0833	1.66					1058	1.73		0846	1.73		1143	0.50
MO	1646	0.36	FR	1441	0.23				WE	1732	0.30	SU	1511	0.29	TH	1744	1.46
	2250	1.46		2052	1.65					2335	1.33		2112	1.42		2355	0.37
10	0452	0.36	21	0301	0.23				10	0521	0.45	21	0300	0.39			
	1118	1.60		0915	1.67					1151	1.68		0924	1.71			
TU	1740	0.40	SA	1528	0.26				TH	1834	0.35	MO	1552	0.32			
	2340	1.36		2135	1.55								2153	1.35			
11	0538	0.42	22	0338	0.30				11	0036	1.26	22	0335	0.46			
	1209	1.58		0957	1.66					0619	0.51		1001	1.67			
WE	1841	0.44	SU	1614	0.32				FR	1252	1.62	TU	1633	0.38			
				2217	1.44					1944	0.38		2233	1.28			

November / December 2013

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

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

NOVEMBER 2013

DECEMBER 2013

Time			Time			Time			Time			Time		
	mm		mm		m		m		m		m		m	
1	0615 1.56	12	0347 1.41	23	0503 0.63	1	0624 1.75	12	0416 1.52	23	0523 0.62			
FR	1229 0.41	TU	0945 0.55	SA	1128 1.56	SU	1256 0.32	TH	1039 0.57	MO	1139 1.54			
	1829 1.49		1559 1.48		1812 0.48		1850 1.44		2237 0.46		1815 0.45			
			2224 0.37											
2	0033 0.33	13	0445 1.49	24	0020 1.22	2	0040 0.33	13	0510 1.58	24	0031 1.30			
SA	0654 1.67	WE	1054 0.50	SU	0553 0.68	MO	0711 1.86	FR	1143 0.52	TU	0614 0.66			
	1314 0.32		1700 1.46		1213 1.49		1345 0.22		1733 1.29		0614 0.66			
	1914 1.51		2313 0.37		1900 0.51		1942 1.46		2324 0.47		1859 0.48			
3	0112 0.30	14	0534 1.58	25	0114 1.22	3	0127 0.31	14	0558 1.64	25	0122 1.32			
SU	0735 1.77	TH	1154 0.44	MO	0650 0.71	TU	0759 1.94	SA	1236 0.47	WE	0711 0.69			
●	1400 0.24		1754 1.44		1304 1.42		1435 0.15		1825 1.29		1314 1.38			
	2000 1.51		2357 0.37		1951 0.52		2033 1.47				1946 0.49			
4	0152 0.29	15	0620 1.66	26	0212 1.25	4	0216 0.31	15	0008 0.48	26	0217 1.36			
MO	0818 1.84	FR	1246 0.39	TU	0755 0.73	WE	0847 1.99	SU	0641 1.69	TH	0816 0.69			
	1447 0.18		1843 1.42		1402 1.37		1527 0.11		1321 0.42		1414 1.32			
	2047 1.50				2044 0.51		2127 1.47		1911 1.29		2038 0.50			
5	0236 0.30	16	0037 0.38	27	0311 1.30	5	0308 0.33	16	0048 0.48	27	0315 1.43			
TU	0903 1.89	SA	0703 1.71	WE	0904 0.70	TH	0938 1.99	MO	0721 1.72	FR	0929 0.65			
	1537 0.16		1332 0.35		1506 1.35		1619 0.11		1400 0.38		1521 1.29			
	2138 1.46		1928 1.40		2135 0.49		2221 1.45		1952 1.30		2133 0.48			
6	0323 0.34	17	0115 0.40	28	0404 1.39	6	0402 0.36	17	0127 0.49	28	0411 1.53			
WE	0952 1.89	SU	0743 1.74	TH	1011 0.64	FR	1030 1.95	TU	0759 1.74	SA	1039 0.57			
	1630 0.18		1415 0.33		1608 1.35		1713 0.15		1437 0.36		1629 1.29			
	2232 1.41		2011 1.37		2224 0.45		2317 1.43		2031 1.31		2229 0.45			
7	0414 0.39	18	0152 0.43	29	0453 1.50	7	0500 0.42	18	0203 0.49	29	0505 1.64			
TH	1043 1.85	MO	0820 1.75	FR	1111 0.55	SA	1124 1.85	WE	0834 1.75	SU	1142 0.45			
	1725 0.21		1454 0.33		1705 1.37		1807 0.21		1512 0.35		1142 0.45			
	2330 1.36		2050 1.34		2309 0.41				2108 1.31		2323 0.41			
8	0510 0.46	19	0228 0.47	30	0539 1.62	8	0015 1.42	19	0240 0.50	30	0559 1.77			
FR	1138 1.78	TU	0857 1.75	SA	1204 0.44	SU	0600 0.48	TH	0910 1.74	MO	1238 0.32			
	1825 0.27		1531 0.34		1759 1.41		1220 1.73		1546 0.36		1831 1.38			
			2130 1.31		2354 0.37		1903 0.28		2145 1.31					
9	0030 1.33	20	0303 0.50			9	0115 1.41	20	0318 0.52	31	0016 0.36			
SA	0611 0.52	WE	0932 1.72			MO	0704 0.54	FR	0945 1.71	TU	0651 1.89			
	1237 1.69		1609 0.37				1319 1.59		1621 0.37		1331 0.21			
	1928 0.31		2209 1.28				1959 0.35		2223 1.30		1927 1.43			
10	0136 1.32	21	0341 0.54			10	0217 1.43	21	0357 0.55					
SU	0719 0.56	TH	1009 1.68			TU	0815 0.58	SA	1021 1.67					
	1342 1.60		1647 0.40				1423 1.47		1658 0.39					
	2030 0.35		2249 1.26				2054 0.40		2302 1.30					
11	0245 1.35	22	0420 0.59			11	0318 1.47	22	0438 0.58					
MO	0832 0.58	FR	1046 1.62			WE	0928 0.59	SU	1059 1.61					
	1451 1.53		1728 0.44				1530 1.37		1735 0.42					
	2130 0.36		2332 1.23				2147 0.44		2345 1.29					

January / February 2014

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

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

JANUARY 2014

FEBRUARY 2014

Time			Time			Time			Time			Time						
	m			m			m			m		m		m				
1	0109	0.32	12	0533	1.58	23	0039	1.41	1	0245	0.23	12	0009	0.57	23	0155	1.52	
	0743	1.99		1220	0.54		0639	0.62		0911	2.00		0638	1.61		0833	0.57	
WE	1423	0.12	SU	1807	1.21	TH	1238	1.39	SA	1541	0.08	WE	1316	0.45	SU	1427	1.23	
●	2020	1.48		2344	0.56		1858	0.49		2145	1.62		1913	1.31		2021	0.58	
2	0202	0.29	13	0620	1.63	24	0130	1.43	2	0339	0.24	13	0051	0.52	24	0305	1.56	
	0834	2.04		1304	0.48		0741	0.64		1000	1.92		0716	1.65		0952	0.52	
TH	1514	0.08	MO	1854	1.25	FR	1335	1.30	SU	1627	0.13	TH	1350	0.40	MO	1548	1.23	
	2114	1.51				●	1949	0.52		2234	1.63		1947	1.36		2137	0.56	
3	0256	0.28	14	0028	0.53	25	0230	1.47	3	0432	0.30	14	0130	0.48	25	0416	1.64	
	0926	2.04		0701	1.67		0854	0.63		1049	1.79		0753	1.68		1102	0.43	
FR	1603	0.07	TU	1343	0.43	SA	1445	1.25	MO	1711	0.22	FR	1422	0.37	TU	1702	1.30	
	2206	1.53		1934	1.29		2050	0.53		2323	1.61		2021	1.41		2247	0.49	
4	0351	0.31	15	0108	0.51	26	0333	1.54	4	0527	0.38	15	0206	0.45	26	0521	1.74	
	1016	1.98		0739	1.71		1012	0.56		1138	1.63		0827	1.70		1203	0.32	
SA	1653	0.12	WE	1417	0.39	SU	1602	1.24	TU	1756	0.33	SA	1452	0.35	WE	1804	1.40	
	2259	1.53		2011	1.32		2157	0.51					○	2054	1.44	●	2350	0.40
5	0446	0.36	16	0146	0.49	27	0438	1.64	5	0014	1.57	16	0243	0.43	27	0619	1.84	
	1108	1.86		0815	1.73		1121	1.45		0624	0.48		0901	1.69		1256	0.21	
SU	1742	0.19	TH	1450	0.36	MO	1715	1.29	WE	1228	1.46	SU	1523	0.34	TH	1858	1.51	
	2352	1.52	○	2046	1.34		2300	0.45		1840	0.44		2128	1.48				
6	0545	0.43	17	0223	0.48	28	0538	1.77	6	0105	1.53	17	0320	0.43	28	0047	0.31	
	1200	1.71		0850	1.73		1222	0.32		0725	0.57		0936	1.66		0713	1.91	
MO	1831	0.29	FR	1522	0.35	TU	1817	1.37	TH	1321	1.31	MO	1554	0.35	FR	1345	0.15	
				2121	1.36					1929	0.54		2201	1.50		1947	1.61	
7	0046	1.50	18	0300	0.48	29	0000	0.38	7	0201	1.49	18	0400	0.44				
	0645	1.51		0924	1.72		0635	1.89		0833	0.63		1012	1.61				
TU	1254	1.54	SA	1554	0.35	WE	1316	0.20	FR	1423	1.19	TU	1626	0.37				
	1921	0.38		2156	1.38		1913	1.45	●	2023	0.61		2239	1.52				
8	0144	1.49	19	0338	0.49	30	0057	0.31	8	0302	1.47	19	0442	0.47				
	0751	0.58		0959	1.69		0729	1.98		0946	0.65		1049	1.54				
WE	1352	1.39	SU	1627	0.36	TH	1407	0.11	SA	1535	1.14	WE	1700	0.40				
●	2013	0.47		2232	1.39		2005	1.53		2124	0.65		2318	1.52				
9	0244	1.49	20	0417	0.51	31	0151	0.25	9	0405	1.47	20	0527	0.50				
	0903	0.63		1034	1.63		0820	2.02		1057	0.63		1130	1.45				
TH	1457	1.27	MO	1700	0.38	FR	1455	0.07	SU	1647	1.14	TH	1737	0.45				
	2107	0.53		2311	1.39	●	2056	1.58		2225	0.64							
10	0344	1.51	21	0500	0.55				10	0504	1.51	21	0003	1.52				
	1017	0.63		1112	1.56					1154	0.58		0618	0.54				
FR	1606	1.20	TU	1735	0.41				MO	1746	1.19	FR	1217	1.36				
	2201	0.56		2352	1.40					2321	0.61		1821	0.50				
11	0441	1.54	22	0545	0.59				11	0555	1.55	22	0054	1.51				
	1126	0.59		1152	1.47					1238	0.51		0720	0.57				
SA	1712	1.19	WE	1814	0.45				TU	1833	1.25	SA	1315	1.28				
	2254	0.57											1915	0.55				

March / April 2014

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

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

MARCH 2014

APRIL 2014

Time			Time			Time			Time			Time					
	m			m			m			m		m		m			
1	0142	0.25	12	0519	1.49	23	0030	1.62	1	0312	0.27	12	0003	0.61	23	0228	1.64
SA	0803	1.93	WE	1200	0.54	SU	0711	0.51	TU	0920	1.65	SA	0608	1.54	WE	0916	0.45
●	2035	1.68		1804	1.29		1309	1.28		1522	0.34		1228	0.48		1529	1.38
				2346	0.62		1855	0.61		2139	1.81		1843	1.52		2115	0.65
2	0234	0.22	13	0606	1.55	24	0132	1.59	2	0400	0.32	13	0045	0.54	24	0339	1.64
SU	0853	1.89	TH	1239	0.49	MO	0823	0.52	WE	1006	1.54	SU	0648	1.56	TH	1016	0.42
	1514	0.15		1844	1.36	●	1422	1.25		1601	0.42		1301	0.44		1632	1.48
	2121	1.72					2007	0.64		2221	1.77		1917	1.61		2228	0.58
3	0326	0.23	14	0030	0.55	25	0245	1.60	3	0448	0.39	14	0126	0.47	25	0444	1.65
MO	0941	1.80	FR	0646	1.59	TU	0935	0.48	TH	1052	1.44	MO	0728	1.58	FR	1111	0.38
	1556	0.21		1314	0.43		1541	1.29		1640	0.51		1334	0.42		1728	1.59
	2207	1.73		1918	1.43		2125	0.61		2303	1.71		1952	1.69		2331	0.50
4	0417	0.28	15	0110	0.49	26	0358	1.64	4	0537	0.47	15	0205	0.41	26	0542	1.66
TU	1029	1.67	SA	0724	1.63	WE	1042	0.41	FR	1137	1.34	TU	0807	1.58	SA	1200	0.36
	1637	0.31		1345	0.40		1650	1.37		1718	0.60		1408	0.40		1818	1.69
	2252	1.70		1952	1.50		2237	0.54		2345	1.63		2028	1.75			
5	0508	0.36	16	0147	0.45	27	0503	1.71	5	0627	0.55	16	0246	0.37	27	0030	0.43
WE	1115	1.52	SU	0800	1.64	TH	1139	0.33	SA	1224	1.25	WE	0848	1.56	SU	0635	1.65
	1717	0.41		1416	0.37		1748	1.49		1801	0.68		1445	0.41		1245	0.35
	2338	1.65		2024	1.56		2341	0.44					2106	1.80		1904	1.78
6	0601	0.46	17	0225	0.41	28	0601	1.77	6	0031	1.55	17	0330	0.35	28	0122	0.37
TH	1201	1.38	MO	0835	1.64	FR	1230	0.27	SU	0720	0.61	TH	0932	1.53	MO	0725	1.62
	1758	0.52		1446	0.36		1839	1.61		1317	1.20		1523	0.43		1328	0.37
				2058	1.61					1852	0.75		2147	1.82		1948	1.84
7	0025	1.58	18	0303	0.39	29	0038	0.35	7	0124	1.48	18	0416	0.36	29	0211	0.34
FR	0657	0.57	TU	0912	1.61	SA	0655	1.80	MO	0819	0.65	FR	1019	1.48	TU	0813	1.57
	1252	1.26		1518	0.37		1316	0.24		1421	1.18		1605	0.47		1409	0.41
	1843	0.62		2132	1.65		1927	1.71		1957	0.79		2232	1.82		2030	1.86
8	0116	1.51	19	0345	0.39	30	0131	0.29	8	0226	1.44	19	0507	0.38	30	0258	0.35
SA	0758	0.62	WE	0950	1.57	SU	0745	1.78	TU	0921	0.65	SA	1110	1.42	WE	0900	1.51
●	1349	1.17		1552	0.39		1400	0.24		1531	1.20		1652	0.53		1448	0.46
	1936	0.69		2211	1.67		2012	1.78		2109	0.79		2321	1.78		2112	1.86
9	0215	1.45	20	0428	0.40	31	0223	0.26	9	0332	1.43	20	0603	0.41			
SU	0905	0.66	TH	1032	1.50	MO	0833	1.73	WE	1018	0.62	SU	1205	1.37			
	1500	1.13		1629	0.43	●	1442	0.27		1634	1.26		1745	0.59			
	2042	0.73		2252	1.67		2056	1.81		2217	0.75						
10	0320	1.43	21	0515	0.44				10	0433	1.46	21	0015	1.73			
MO	1013	0.65	FR	1117	1.43				TH	1109	0.58	MO	0705	0.45			
	1615	1.15		1710	0.49				TH	1725	1.34		1308	1.33			
	2151	0.72		2337	1.65					2315	0.68		1846	0.64			
11	0424	1.45	22	0609	0.48				11	0524	1.50	22	0118	1.67			
TU	1112	0.60	SA	1209	1.35				FR	1150	0.52		0812	0.46			
	1716	1.21		1758	0.55					1806	1.43		1417	1.33			
	2254	0.68										●	1959	0.67			

May / June 2014

SYDNEY (FORT DENISON)

LAT 33° 51' S LONG 151° 14' E TIME ZONE -1000

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

ALL THE BELOW TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

MAY 2014

JUNE 2014

MAY 2014			JUNE 2014		
Time	m		Time	m	
1 0343 0.38 0944 1.45 TH 1526 0.53 2151 1.82			12 0016 0.58 0611 1.50 MO 1215 0.48 1841 1.69		
2 0427 0.42 1028 1.38 FR 1604 0.59 2230 1.76			23 0318 1.59 0947 0.44 FR 1610 1.56 2216 0.62		1 0442 0.48 1043 1.34 SU 1612 0.66 2238 1.72
3 0510 0.48 1111 1.33 SA 1643 0.66 2310 1.69			24 0423 1.55 1040 0.44 SA 1705 1.65 2322 0.56		12 0125 0.38 0716 1.47 TH 1302 0.43 1936 1.94
4 0555 0.54 1156 1.28 SU 1725 0.72 2352 1.61			25 0522 1.52 1129 0.45 SU 1756 1.73		23 0503 1.37 1059 0.52 MO 1734 1.70
5 0642 0.59 1245 1.25 MO 1814 0.77			26 0021 0.50 0616 1.50 MO 1214 0.46 1843 1.80		2 0521 0.51 1125 1.32 MO 1654 0.70 2317 1.66
6 0039 1.54 0732 0.62 TU 1340 1.25 1912 0.81			27 0113 0.45 0706 1.47 TU 1257 0.48 1926 1.84		3 0602 0.55 1209 1.30 TU 1740 0.74
7 0134 1.48 0827 0.63 WE 1442 1.27 2021 0.82			28 0159 0.42 0754 1.44 WE 1337 0.51 2007 1.86		14 0302 0.24 0900 1.50 SA 1442 0.41 2114 2.04
8 0236 1.44 0921 1.62 TH 1543 0.32 2131 0.80			29 0242 0.41 0838 1.42 TH 1416 0.54 2046 1.85		15 0353 0.21 0955 1.51 SU 1535 0.42 2204 2.02
9 0339 1.44 1011 0.59 FR 1636 1.40 2235 0.74			30 0323 0.42 0921 1.39 FR 1455 0.57 2124 1.82		16 0445 0.22 1049 1.50 MO 1630 0.46 2256 1.95
10 0435 1.45 1056 0.56 SA 1721 1.49 2330 0.67			31 0402 0.44 1002 1.36 SA 1533 0.61 2201 1.78		17 0539 0.26 1145 1.50 TU 1729 0.51 2350 1.85
11 0525 1.47 1136 0.52 SU 1802 1.59					18 0633 0.31 1244 1.50 WE 1830 0.57
					19 0047 1.72 0728 0.37 TH 1343 1.51 1937 0.61
					20 0149 1.59 0822 0.42 FR 1445 1.54 2050 0.64
					21 0255 1.48 0916 0.47 SA 1545 1.59 2203 0.63
					22 0400 1.41 1008 0.50 SU 1642 1.65 2312 0.59

© Commonwealth of Australia 2012

Bureau of Meteorology

National Tidal Centre

Indicates high tide of 1.7m or more

Indicates low tide of 0.3m or less

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑