

TIDAL PREDICTIONS FOR SYDNEY HARBOUR

with moon phases

JULY 2008 – JUNE 2009

Tidal predictions are calculated by the National Tidal Facility of Australia 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.

Approximate time differences for other locations along the NSW coast are set out in the chart.

All times stated are Eastern Standard Time. During Summer Time, 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.

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NSW Maritime

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*Cover: Terrigal Beach boat ramp, is a popular launching spot located on the NSW Central Coast.
Photographer: David Chieza.*



Info Line on 13 12 56

www.maritime.nsw.gov.au

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

JULY - 2008

AUGUST - 2008

Time m	Time m	Time m	Time m	Time m	Time m
1 0029 0.37 0620 1.33 TU 1158 0.46 1838 1.95	12 0314 1.16 0910 0.62 SA 1601 1.48 2250 0.69	23 0526 0.34 1138 1.41 WE 1724 0.54 2335 1.56	1 0210 0.17 0805 1.37 FR 1341 0.35 ● 2014 1.98	12 0502 1.07 1024 0.65 TU 1714 1.50	23 0010 1.32 0613 0.43 SA 1248 1.56 1919 0.50
2 0128 0.27 0721 1.35 WE 1254 0.44 1933 2.03	13 0420 1.12 1000 0.64 SU 1654 1.53 2348 0.63	24 0604 0.37 1226 1.45 TH 1820 0.57	● 2 0255 0.15 0853 1.41 SA 1432 0.33 2100 1.94	13 0011 0.52 0557 1.12 WE 1119 0.61 1802 1.57	24 0114 1.19 0707 0.51 SU 1351 1.56 ● 2042 0.51
3 0222 0.20 0818 1.37 TH 1349 0.42 ● 2027 2.06	14 0523 1.13 1052 0.64 MO 1743 1.58	25 0024 1.44 0647 0.42 FR 1317 1.49 1925 0.59	3 0337 0.17 0939 1.44 SU 1522 0.35 2145 1.85	14 0052 0.45 0641 1.18 TH 1207 0.55 1845 1.65	25 0232 1.11 0815 0.57 MO 1503 1.58 2207 0.46
4 0315 0.17 0912 1.39 FR 1444 0.42 2117 2.05	15 0036 0.56 0616 1.17 TU 1141 0.62 1827 1.64	26 0122 1.32 0736 0.47 SA 1415 1.54 ● 2042 0.59	4 0417 0.22 1023 1.45 MO 1611 1.39 2228 1.71	15 0128 0.38 0718 1.24 FR 1248 0.49 1922 1.71	26 0401 1.11 0932 0.56 TU 1617 1.64 2318 0.38
5 0404 0.19 1004 1.39 SA 1538 0.43 2207 1.97	16 0117 0.49 0701 1.20 WE 1225 0.59 1908 1.70	27 0234 1.23 0834 0.51 SU 1519 1.60 2206 0.54	5 0455 0.29 1106 1.45 TU 1700 0.46 2308 1.55	16 0201 0.32 0754 1.30 SA 1329 0.43 1959 1.75	27 0516 1.17 1044 0.51 WE 1724 1.72
6 0452 0.23 1055 1.39 SU 1631 0.47 2256 1.85	17 0154 0.43 0742 1.24 TH 1306 0.55 1946 1.74	28 0355 1.18 0940 0.53 MO 1626 1.69 2322 0.44	6 0530 0.38 1149 1.45 WE 1750 0.54 2348 1.39	17 0233 0.27 0829 1.36 SU 1409 0.39 ○ 2034 1.76	28 0016 0.28 0614 1.26 TH 1146 0.43 1820 1.80
7 0538 0.30 1145 1.39 MO 1726 0.54 2342 1.69	18 0230 0.39 0819 1.26 FR 1346 0.52 ○ 2023 1.78	29 0513 1.20 1046 0.51 TU 1730 1.79	7 0603 0.46 1232 1.43 TH 1844 0.62	18 0305 0.24 0905 1.42 MO 1450 0.36 2111 1.73	29 0104 0.21 0702 1.34 FR 1242 0.35 1910 1.84
8 0621 0.38 1233 1.39 TU 1821 0.61	19 0304 0.36 0856 1.29 SA 1426 0.50 2059 1.79	30 0026 0.32 0619 1.25 WE 1149 0.46 1830 1.89	8 0032 1.24 0638 0.54 FR 1319 1.42 1945 0.67	19 0338 0.23 0944 1.47 TU 1534 0.36 2150 1.67	30 0147 0.17 0746 1.42 SA 1331 0.30 1955 1.83
9 0029 1.52 0701 0.46 WE 1323 1.40 1920 0.68	20 0339 0.34 0933 1.31 SU 1506 0.49 2135 1.77	31 0120 0.23 0715 1.31 TH 1246 0.40 1923 1.96	9 0123 1.13 0720 0.60 SA 1412 1.41 ● 2059 0.69	20 0413 0.24 1024 1.52 WE 1622 0.37 2231 1.58	31 0226 0.17 0829 1.48 SU 1419 0.28 ● 2038 1.77
10 0117 1.36 0742 0.53 TH 1415 1.42 ● 2026 0.72	21 0414 0.32 1013 1.34 MO 1548 0.49 2213 1.73		10 0230 1.06 0815 0.65 SU 1513 1.42 2215 0.66	21 0448 0.29 1108 1.55 TH 1714 0.41 2317 1.45	
11 0211 1.24 0823 0.58 FR 1507 1.44 2139 0.73	22 0449 0.32 1054 1.38 TU 1634 0.51 2252 1.65		11 0349 1.04 0919 0.67 MO 1615 1.45 2320 0.60	22 0528 0.35 1155 1.56 FR 1811 0.46	

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ALL THE ABOVE TIMES ARE IN AUSTRALIAN EASTERN STANDARD TIME

INDICATES HIGH TIDE OF 1.7M OR MORE INDICATES LOW TIDE OF 0.3M OR LESS

New Moon ●

First Quarter ●

Full Moon ○

Last Quarter ●

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

SEPTEMBER – 2008

OCTOBER – 2008

Time m	Time m	Time m	Time m	Time m	Time m
1 0302 0.20 0909 1.52 MO 1505 0.30 2118 1.67	12 0015 0.42 0610 1.21 FR 1144 0.52 1812 1.59	23 0242 1.09 0810 0.61 TU 1453 1.57 2159 0.40	1 0251 0.33 0912 1.62 WE 1530 0.33 2129 1.39	12 0000 0.33 0608 1.39 SU 1202 0.44 1815 1.57	23 0346 1.22 0921 0.59 TH 1547 1.54 2230 0.36
2 0336 0.25 0947 1.53 TU 1550 0.35 2157 1.54	13 0049 0.34 0646 1.29 SA 1228 0.44 1851 1.65	24 0404 1.14 0930 0.58 WE 1608 1.60 2302 0.34	2 0320 0.40 0946 1.62 TH 1612 0.38 2207 1.30	13 0035 0.27 0645 1.52 MO 1248 0.34 1857 1.59	24 0444 1.31 1030 0.53 FR 1647 1.53 2318 0.34
3 0407 0.32 1026 1.53 WE 1635 0.41 2235 1.40	14 0122 0.27 0721 1.39 SU 1309 0.37 1929 1.69	25 0507 1.22 1041 0.51 TH 1711 1.64 2354 0.29	3 0349 0.46 1021 1.59 FR 1653 0.43 2246 1.21	14 0110 0.24 0724 1.64 TU 1334 0.26 1941 1.58	25 0531 1.41 1131 0.47 SA 1740 1.51 2359 0.34
4 0437 0.40 1103 1.52 TH 1721 0.48 2314 1.28	15 0154 0.22 0758 1.48 MO 1351 0.30 2007 1.69	26 0558 1.32 1142 0.42 FR 1803 1.67	4 0422 0.53 1058 1.55 SA 1739 0.49 2030 1.14	15 0145 0.23 0804 1.75 WE 1422 0.20 2027 1.54	26 0615 1.51 1225 0.41 SU 1826 1.48
5 0507 0.48 1142 1.48 FR 1810 0.55 2356 1.16	16 0226 0.20 0834 1.57 TU 1435 0.26 2047 1.65	27 0037 0.25 0642 1.42 SA 1234 0.35 1850 1.67	5 0459 0.59 1139 1.49 SU 1830 0.54	16 0224 0.25 0846 1.82 TH 1513 0.17 2115 1.47	27 0034 0.34 0654 1.59 MO 1312 0.37 1909 1.43
6 0541 0.56 1225 1.44 SA 1906 0.61	17 0300 0.20 0914 1.64 WE 1522 0.25 2130 1.58	28 0115 0.23 0722 1.50 SU 1322 0.31 1932 1.63	6 0019 1.08 0545 0.66 MO 1229 1.43 1932 0.58	17 0306 0.30 0932 1.85 FR 1606 0.18 2209 1.39	28 0107 0.36 0730 1.65 TU 1354 0.34 1948 1.39
7 0046 1.08 0625 0.63 SU 1316 1.40 2015 0.64	18 0337 0.24 0956 1.69 TH 1613 0.26 2217 1.47	29 0149 0.24 0800 1.57 MO 1407 0.29 2013 1.57	7 0122 1.04 0645 0.70 TU 1330 1.38 2043 0.59	18 0351 0.37 1022 1.84 SA 1703 0.22 2306 1.29	29 0138 0.40 0805 1.68 WE 1433 0.34 2028 1.34
8 0153 1.02 0724 0.68 MO 1420 1.37 2132 0.63	19 0416 0.31 1042 1.70 FR 1707 0.30 2309 1.35	30 0221 0.28 0837 1.61 TU 1449 0.30 2051 1.48	8 0238 1.04 0759 0.72 WE 1440 1.37 2148 0.55	19 0442 0.46 1115 1.79 SU 1807 0.29	30 0209 0.43 0839 1.70 TH 1512 0.34 2106 1.29
9 0316 1.01 0841 0.70 TU 1532 1.38 2241 0.57	20 0500 0.40 1131 1.68 SA 1809 0.36		9 0350 1.09 0915 0.69 TH 1549 1.40 2241 0.48	20 0009 1.21 0540 0.54 MO 1215 1.71 1916 0.34	31 0240 0.48 0913 1.69 FR 1550 0.37 2145 1.25
10 0433 1.05 0954 0.67 WE 1638 1.44 2333 0.50	21 0008 1.22 0551 0.49 SU 1229 1.63 1920 0.42		10 0445 1.17 1020 0.63 FR 1645 1.46 2323 0.41	21 0120 1.16 0648 0.60 TU 1322 1.63 2029 0.37	
11 0528 1.12 1054 0.61 TH 1730 1.51	22 0117 1.13 0653 0.57 MO 1335 1.58 2042 0.43		11 0530 1.17 1114 0.54 SA 1731 1.52	22 0237 1.16 0805 0.61 WE 1436 1.57 2135 0.38	

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Add one hour to the above times when Daylight Saving Time is in force

INDICATES HIGH TIDE OF 1.7M OR MORE INDICATES LOW TIDE OF 0.3M OR LESS

New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

NOVEMBER - 2008

DECEMBER - 2008

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m						
1	0314	0.52	12	0027	0.30	23	0500	1.48	1	0328	0.57	12	0044	0.37	23	0512	1.54
	0948	1.66		0652	1.78		1117	0.54		1003	1.68		0719	1.95		1159	0.56
SA	1630	0.40	WE	1320	0.25	SU	1711	1.33	MO	1649	0.41	FR	1405	0.16	TU	1737	1.15
	2225	1.20		1919	1.47		2315	0.45		2245	1.20		2002	1.37		2313	0.57
2	0349	0.57	13	0110	0.30	24	0545	1.56	2	0409	0.60	13	0136	0.36	24	0558	1.60
	1025	1.62		0738	1.89		1213	0.49		1042	1.63		0812	2.02		1247	0.50
SU	1713	0.45	TH	1413	0.17	MO	1800	1.29	TU	1730	0.43	SA	1459	0.11	WE	1829	1.17
	2307	1.16	○	2012	1.44		2352	0.46		2330	1.18	○	2058	1.37		2356	0.57
3	0430	0.62	14	0155	0.32	25	0625	1.62	3	0453	0.63	14	0230	0.37	25	0639	1.64
	1106	1.56		0826	1.96		1300	0.44		1122	1.58		0905	2.05		1328	0.45
MO	1800	0.49	FR	1505	0.13	TU	1846	1.27	WE	1815	0.45	SU	1552	0.10	TH	1914	1.20
	2355	1.12		2106	1.40								2153	1.37			
4	0516	0.66	15	0244	0.36	26	0027	0.48	4	0017	1.18	15	0325	0.38	26	0037	0.56
	1151	1.50		0916	1.98		0702	1.67		0543	0.66		0958	2.02		0718	1.69
TU	1852	0.52	SA	1600	0.13	WE	1342	0.40	TH	1207	1.51	MO	1645	0.13	FR	1405	0.40
				2202	1.35		1929	1.26		1900	0.47		2247	1.36		1954	1.22
5	0050	1.10	16	0335	0.41	27	0101	0.50	5	0111	1.20	16	0422	0.42	27	0116	0.54
	0611	0.70		1009	1.95		0739	1.71		0639	0.69		1050	1.93		0757	1.72
WE	1245	1.44	SU	1658	0.17	TH	1419	0.38	FR	1257	1.45	TU	1738	0.19	SA	1441	0.37
	1950	0.53		2301	1.30		2009	1.26		1948	0.46		2343	1.35	●	2031	1.24
6	0154	1.11	17	0431	0.47	28	0136	0.51	6	0207	1.25	17	0520	0.46	28	0155	0.53
	0716	0.72		1103	1.88		0814	1.73		0744	0.69		1143	1.80		0832	1.74
TH	1345	1.40	MO	1758	0.22	FR	1456	0.36	SA	1355	1.39	WE	1830	0.26	SU	1515	0.36
●	2048	0.51				●	2047	1.25	●	2037	0.45					2107	1.25
7	0300	1.16	18	0002	1.26	29	0213	0.53	7	0302	1.34	18	0039	1.34	29	0233	0.52
	0829	0.71		0532	0.52		0849	1.73		0620	0.67		0620	0.53		0909	1.74
FR	1450	1.39	TU	1201	1.78	SA	1532	0.37	SU	1458	1.35	TH	1236	1.64	MO	1550	0.35
	2140	0.47		1900	0.29		2126	1.24		2126	0.44		1919	0.35		2144	1.26
8	0355	1.25	19	0107	1.25	30	0249	0.55	8	0356	1.45	19	0135	1.36	30	0312	0.52
	0937	0.66		0638	0.57		0926	1.71		1005	0.60		0724	0.59		0945	1.72
SA	1551	1.41	WE	1303	1.66	SU	1610	0.38	MO	1602	1.34	FR	1332	1.47	TU	1625	0.35
	2225	0.42		2000	0.35		2205	1.22		2215	0.42	●	2007	0.42		2221	1.26
9	0443	1.37	20	0212	1.26				9	0446	1.58	20	0232	1.39	31	0351	0.53
	1040	0.57		0749	0.61					1112	0.50		0833	0.63		1020	1.68
SU	1646	1.43	TH	1409	1.54					1706	1.34	SA	1431	1.33	WE	1700	0.36
	2306	0.36	●	2057	0.39					2303	0.40		2055	0.48		2300	1.27
10	0527	1.50	21	0315	1.32				10	0536	1.72	21	0329	1.43	21	0329	1.43
	1136	0.47		0901	0.61					1213	0.37		0946	0.64		0946	0.64
MO	1737	1.46	FR	1514	1.45					1806	1.35	SU	1534	1.22		1737	1.46
	2346	0.32		2147	0.42					2353	0.38		2141	0.53		2346	0.32
11	0609	1.64	22	0410	1.39				11	0628	1.85	22	0422	1.48	22	0422	1.48
	1229	0.35		1013	0.59					1310	0.26		1058	0.62		1058	0.62
TU	1828	1.47	SA	1615	1.38					1905	1.36	MO	1638	1.17		1638	1.17
				2233	0.43								2228	0.55		2228	0.55

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New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

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. Actual tides may occur before or after the times indicated.

STATION	APPROX. TIME LAG AFTER FORT DENISON		STATION	APPROX. TIME LAG AFTER FORT DENISON	
	High Water	Low Water		High Water	Low Water
TWOFOLD BAY Eden	NIL	NIL	LAKE ILLAWARRA Bridge	15 min	1 hr 45 min
MERIMBULA LAKE Bridge Within the Lake	1 hr 30 min 2 hrs	1 hr 30 min 3 to 4 hrs	PORT KEMBLA	NIL	NIL
BERMAGUI RIVER Bermagui Bridge	45 min	45 min	WOLLONGONG	NIL	NIL
WAGONA INLET Narooma	54 min	30 min	PORT HACKING Burraneer Lilli Pilli Audley	15 min 30 min 30 min	NIL 45 min 1 hr
MORUYA RIVER Moruya	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
BATEMANS BAY	NIL	NIL	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
JERVIS BAY	NIL	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
CROOKHAVEN RIVER Crookhaven Jetty Greenwell Point	15 min 45 min	15 min 45 min	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
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			

TIME LAGS

STATION	APPROX. TIME LAG AFTER FORT DENISON		STATION	APPROX. TIME LAG AFTER FORT DENISON	
	High Water	Low Water		High Water	Low Water
BRISBANE WATERS Ettalong Koolewong	30 min 2 hrs 10 min	40 min 2 hrs 20 min	Frederickton Kempsey	3 hrs 15 min 3 hrs 15 min	4 hrs 15 min 3 hrs 20 min
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 at NIL 2 hrs 3 hrs 15 min	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	1 hr 2 hrs 10 min	1 hr 15 min 2 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

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

JANUARY – 2009

FEBRUARY – 2009

Time	m	Time	m	Time	m	Time	m	Time	m		
1	0433 0.55 1057 1.63 TH 1737 0.38 2344 1.29	12	0221 0.32 0854 2.05 MO 1537 0.08 2136 1.43	23	0618 1.58 1310 0.47 FR 1858 1.18	1	0551 0.53 1154 1.43 SU 1811 0.42	12	0354 0.30 1010 1.77 TH 1631 0.23 2242 1.56	23	0045 0.53 0714 1.65 MO 1350 0.37 1945 1.34
2	0519 0.58 1136 1.55 FR 1815 0.40	13	0315 0.31 0944 2.00 TU 1624 0.11 2226 1.44	24	0021 0.58 0700 1.64 SA 1346 0.41 1936 1.23	2	0040 1.47 0648 0.57 MO 1245 1.31 1855 0.48	13	0444 0.36 1053 1.61 FR 1707 0.33 2325 1.55	24	0124 0.47 0748 1.69 TU 1420 0.33 2017 1.40
3	0030 1.32 0610 0.61 SA 1219 1.46 1855 0.42	14	0409 0.34 1032 1.89 WE 1708 0.18 2315 1.45	25	0102 0.53 0739 1.69 SU 1420 0.37 2012 1.27	3	0133 1.50 0758 0.59 TU 1349 1.20 1950 0.54	14	0534 0.45 1135 1.44 SA 1741 0.43	25	0201 0.42 0823 1.71 WE 1450 0.30 2050 1.47
4	0119 1.36 0709 0.64 SU 1311 1.37 1940 0.45	15	0502 0.40 1119 1.74 TH 1750 0.27	26	0141 0.49 0815 1.73 MO 1453 0.33 2045 1.31	4	0237 1.53 0922 0.57 WE 1512 1.14 2100 0.57	15	0008 1.52 0627 0.54 SU 1218 1.28 1815 0.53	26	0240 0.39 0858 1.69 TH 1519 0.29 2124 1.52
5	0214 1.42 0818 0.64 MO 1414 1.28 2031 0.48	16	0003 1.45 0558 0.48 FR 1206 1.55 1831 0.37	27	0218 0.46 0849 1.74 TU 1525 0.31 2119 1.34	5	0348 1.60 1045 0.49 TH 1640 1.15 2215 0.55	16	0054 1.48 0726 0.62 MO 1307 1.15 1855 0.62	27	0320 0.38 0934 1.64 FR 1550 0.30 2200 1.57
6	0312 1.50 0937 0.60 TU 1529 1.23 2130 0.49	17	0053 1.44 0656 0.56 SA 1254 1.37 1912 0.47	28	0256 0.45 0923 1.73 WE 1556 0.30 2154 1.37	6	0459 1.70 1156 0.37 FR 1752 1.22 2323 0.49	17	0145 1.44 0834 0.67 TU 1409 1.06 1947 0.69	28	0403 0.38 1013 1.57 SA 1622 0.34 2239 1.60
7	0412 1.60 1055 0.50 WE 1645 1.22 2231 0.48	18	0145 1.43 0800 0.64 SU 1346 1.22 1955 0.55	29	0335 0.45 0958 1.69 TH 1627 0.31 2230 1.40	7	0601 1.82 1254 0.26 SA 1850 1.31	18	0246 1.41 0951 0.67 WE 1530 1.03 2058 0.72		
8	0513 1.72 1203 0.38 TH 1756 1.25 2332 0.45	19	0240 1.44 0914 0.67 MO 1450 1.11 2045 0.61	30	0416 0.46 1033 1.62 FR 1659 0.33 2310 1.43	8	0024 0.40 0658 1.92 SU 1345 0.17 1942 1.40	19	0355 1.42 1102 0.63 TH 1653 1.06 2212 0.71		
9	0612 1.85 1303 0.26 FR 1858 1.30	20	0338 1.45 1030 0.66 TU 1604 1.06 2142 0.64	31	0501 0.49 1111 1.53 SA 1733 0.37 2352 1.45	9	0119 0.33 0750 1.97 MO 1430 0.12 2029 1.47	20	0500 1.46 1158 0.57 FR 1751 1.13 2314 0.66		
10	0030 0.40 0708 1.95 SA 1358 0.16 1954 1.35	21	0436 1.48 1137 0.61 WE 1716 1.08 2241 0.64			10	0212 0.28 0839 1.97 TU 1513 0.12 2114 1.52	21	0552 1.53 1242 0.49 SA 1835 1.20		
11	0126 0.35 0802 2.03 SU 1448 0.10 2045 1.40	22	0530 1.53 1229 0.54 TH 1814 1.12 2334 0.62			11	0303 0.27 0925 1.90 WE 1553 0.16 2159 1.56	22	0003 0.60 0635 1.59 SU 1317 0.43 1912 1.27		

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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 ◑

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

MARCH – 2009

APRIL – 2009

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0450 0.41	12	0251 0.28	23	0558 1.55	1	0642 0.45	12	0405 0.40	23	0035 0.51
	1054 1.47		0902 1.72		1234 0.45		1240 1.22		1002 1.36		0637 1.55
SU	1658 0.40	TH	1516 0.26	MO	1836 1.35	WE	1813 0.63	SU	1539 0.54	TH	1247 0.40
	2321 1.61		2128 1.67						2210 1.73		1906 1.68
2	0542 0.45	13	0338 0.31	24	0021 0.56	2	0053 1.66	13	0448 0.46	24	0120 0.43
	1141 1.36		0945 1.60		0637 1.60		0756 0.48		1043 1.28		0720 1.55
MO	1737 0.47	FR	1550 0.34	TU	1306 0.39	TH	1354 1.17	MO	1612 0.61	FR	1323 0.39
			2207 1.68		1910 1.44		1923 0.68		2246 1.67		1945 1.78
3	0010 1.60	14	0425 0.37	25	0101 0.48	3	0205 1.63	14	0532 0.52	25	0206 0.35
	0641 0.50		1027 1.47		0715 1.63		0912 0.48		1125 1.22		0806 1.53
TU	1236 1.24	SA	1622 0.43	WE	1337 0.35	FR	1517 1.19	TU	1647 0.67	SA	1400 0.39
	1825 0.55		2245 1.65		1944 1.54	☾	2045 0.68		2326 1.61	☉	2025 1.87
4	0107 1.58	15	0512 0.44	26	0142 0.42	4	0322 1.63	15	0621 0.58	26	0254 0.31
	0753 0.54		1107 1.34		0752 1.64		1019 0.44		1212 1.17		0854 1.49
WE	1345 1.15	SU	1653 0.52	TH	1407 0.33	SA	1630 1.27	WE	1730 0.73	SU	1441 0.42
☉	1928 0.62		2325 1.60		2017 1.63		2203 0.63				2109 1.92
5	0216 1.57	16	0600 0.52	27	0223 0.36	5	0432 1.66	16	0011 1.53	27	0344 0.29
	0918 0.53		1150 1.22		0830 1.61		1116 0.38		0715 0.62		0945 1.43
TH	1515 1.12	MO	1726 0.61	FR	1439 0.33	SU	1727 1.38	TH	1306 1.13	MO	1525 0.47
	2048 0.64			☉	2053 1.71		2311 0.54		1822 0.78		2156 1.93
6	0334 1.60	17	0006 1.54	28	0306 0.33	6	0530 1.69	17	0106 1.47	28	0438 0.30
	1038 0.46		0652 0.60		0912 1.57		1205 0.34		0817 0.64		1040 1.37
FR	1641 1.17	TU	1237 1.14	SA	1514 0.35	MO	1815 1.49	FR	1413 1.13	TU	1614 0.53
	2210 0.60		1805 0.68		2132 1.76			☉	1931 0.81		2246 1.89
7	0447 1.68	18	0054 1.47	29	0353 0.33	7	0010 0.45	18	0212 1.44	29	0537 0.34
	1142 0.37		0754 0.65		0957 1.49		0623 1.70		0918 0.63		1139 1.31
SA	1745 1.27	WE	1335 1.08	SU	1550 0.40	TU	1247 0.32	SA	1526 1.16	WE	1708 0.59
	2318 0.51		1859 0.75		2214 1.78		1900 1.60		2049 0.81		2343 1.83
8	0549 1.77	19	0153 1.42	30	0443 0.35	8	0102 0.39	19	0321 1.43	30	0641 0.39
	1235 0.28		0904 0.67		1045 1.40		0711 1.67		1013 0.59		1243 1.27
SU	1837 1.39	TH	1453 1.06	MO	1630 0.47	WE	1326 0.32	SU	1626 1.24	TH	1810 0.65
		☉	2015 0.78		2300 1.76		1941 1.68		2200 0.76		
9	0018 0.41	20	0306 1.40	31	0538 0.39	9	0151 0.35	20	0420 1.46	31	0641 0.39
	0644 1.83		1015 0.64		1138 1.30		0755 1.61		1059 0.54		1243 1.27
MO	1320 0.22	FR	1615 1.10	TU	1717 0.55	TH	1401 0.35	MO	1713 1.33		
	1923 1.49		2135 0.77		2352 1.72		2019 1.74		2300 0.69		
10	0112 0.33	21	0416 1.43			10	0237 0.35	21	0510 1.50		
	0732 1.85		1112 0.59				0839 1.53		1138 0.48		
TU	1402 0.20	SA	1715 1.17			FR	1434 0.41	TU	1753 1.44		
	2006 1.58		2243 0.71			☉	2057 1.77		2349 0.60		
11	0202 0.29	22	0513 1.49			11	0322 0.37	22	0554 1.53		
	0818 1.81		1157 0.52				0920 1.44		1213 0.44		
WE	1440 0.21	SU	1800 1.26			SA	1507 0.47	WE	1830 1.56		
☉	2048 1.64		2336 0.64				2133 1.76				

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New Moon ● First Quarter ◐ Full Moon ○ Last Quarter ◑

SYDNEY (FORT DENISON)

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

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

MAY - 2009

JUNE - 2009

Time	m	Time	m	Time	m	Time	m	Time	m		
1	0045 1.75	12	0425 0.47	23	0100 0.43	1	0236 1.56	12	0519 0.50	23	0232 0.21
	0747 0.42		1019 1.27		0654 1.45		0911 0.46		1116 1.25		0829 1.40
FR	1353 1.26	TU	1540 0.65	SA	1243 0.44	MO	1534 1.47	FR	1639 0.68	TU	1402 0.42
	1921 0.68		2216 1.72		1915 1.89		2136 0.66		2309 1.65	●	2039 2.08
2	0152 1.68	13	0506 0.51	24	0151 0.34	2	0339 1.46	13	0600 0.52	24	0325 0.17
	0852 0.44		1101 1.24		0746 1.44		0959 0.49		1201 1.26		0924 1.41
SA	1503 1.30	WE	1619 0.69	SU	1329 0.44	TU	1629 1.55	SA	1726 0.71	WE	1458 0.41
●	2038 0.68		2256 1.67	●	2002 1.98		2246 0.63		2350 1.58		2131 2.08
3	0303 1.63	14	0551 0.56	25	0243 0.27	3	0439 1.39	14	0642 0.53	25	0417 0.17
	0949 0.44		1145 1.21		0841 1.43		1044 0.52		1250 1.28		1018 1.42
SU	1606 1.38	TH	1702 0.73	MO	1417 0.46	WE	1718 1.63	SU	1818 0.74	TH	1554 0.42
	2152 0.65		2338 1.60		2052 2.03		2349 0.58				2223 2.02
4	0408 1.59	15	0639 0.59	26	0336 0.24	4	0534 1.34	15	0035 1.50	26	0509 0.20
	1041 0.43		1235 1.20		0936 1.40		1126 0.54		0725 0.53		1113 1.43
MO	1700 1.48	FR	1753 0.77	TU	1509 0.48	TH	1804 1.69	MO	1342 1.31	FR	1652 0.46
	2300 0.59				2143 2.03				1917 0.76		2316 1.91
5	0506 1.56	16	0026 1.54	27	0431 0.25	5	0043 0.53	16	0128 1.43	27	0600 0.26
	1126 0.43		0730 0.60		1033 1.38		0626 1.31		0809 0.54		1208 1.44
TU	1748 1.59	SA	1331 1.20	WE	1604 0.51	FR	1206 0.56	TU	1434 1.38	SA	1751 0.51
			1852 0.80		2236 1.99		1846 1.74	●	2025 0.76		
6	0000 0.52	17	0121 1.49	28	0529 0.28	6	0128 0.49	17	0227 1.38	28	0009 1.75
	0559 1.52		0821 0.60		1131 1.36		0713 1.29		0855 0.53		0650 0.34
WE	1207 0.44	SU	1432 1.24	TH	1702 0.55	SA	1245 0.58	WE	1527 1.46	SU	1303 1.45
	1832 1.68	●	2000 0.81		2332 1.91		1926 1.77		2137 0.71		1854 0.58
7	0053 0.47	18	0221 1.45	29	0627 0.32	7	0209 0.46	18	0330 1.34	29	0104 1.58
	0646 1.48		0911 0.57		1231 1.35		0756 1.29		0943 0.52		0738 0.42
TH	1245 0.46	MO	1530 1.31	FR	1804 0.60	SU	1323 0.59	TH	1619 1.57	MO	1400 1.48
	1913 1.75		2111 0.79				2003 1.79		2245 0.63	●	2002 0.63
8	0140 0.43	19	0322 1.43	30	0030 1.80	8	0246 0.45	19	0434 1.33	30	0203 1.42
	0732 1.43		0956 0.54		0725 0.37		0837 1.28		1031 0.51		0825 0.49
FR	1320 0.49	TU	1619 1.41	SA	1333 1.37	MO	1400 0.60	FR	1710 1.69	TU	1458 1.51
	1951 1.79		2217 0.73		1911 0.64	○	2040 1.79		2348 0.52		2116 0.66
9	0224 0.42	20	0418 1.43	31	0132 1.67	9	0324 0.45	20	0536 1.33		
	0815 1.38		1038 0.51		0819 0.42		0916 1.28		1123 0.49		
SA	1355 0.53	WE	1704 1.53	SU	1435 1.41	TU	1438 0.62	SA	1801 1.82		
○	2028 1.80		2315 0.64	●	2022 0.66		2116 1.78				
10	0304 0.42	21	0511 1.44			10	0401 0.46	21	0045 0.40		
	0858 1.34		1119 0.48				0956 1.27		0635 1.35		
SU	1429 0.57	TH	1747 1.65			WE	1517 0.63	SU	1215 0.46		
	2103 1.80						2153 1.75		1854 1.93		
11	0345 0.44	22	0010 0.53			11	0440 0.48	22	0139 0.29		
	0939 1.30		0602 1.45				1035 1.26		0733 1.38		
MO	1503 0.61	FR	1200 0.46			TH	1557 0.65	MO	1308 0.44		
	2140 1.77		1830 1.78				2230 1.70		1946 2.03		

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New Moon ●

First Quarter ◐

Full Moon ○

Last Quarter ◑

NSW TIDES 2008 – 2009

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