

USEFUL INFORMATION

Useful numbers

Northland Regional Council

Report pollution, oil spills, navigation hazards and dangerous boating to 24/7 Environmental Hotline **0800 504 639**

Department of Conservation

Report fishing in marine reserves or marine mammal stranding (whales and dolphins) **0800 362 468**

Ministry of Fisheries

For fishing and shellfish rules or to report a poacher **0800 476 224**

Biosecurity NZ

To report something out of the ordinary in the water **0800 80 99 66**

Public holidays

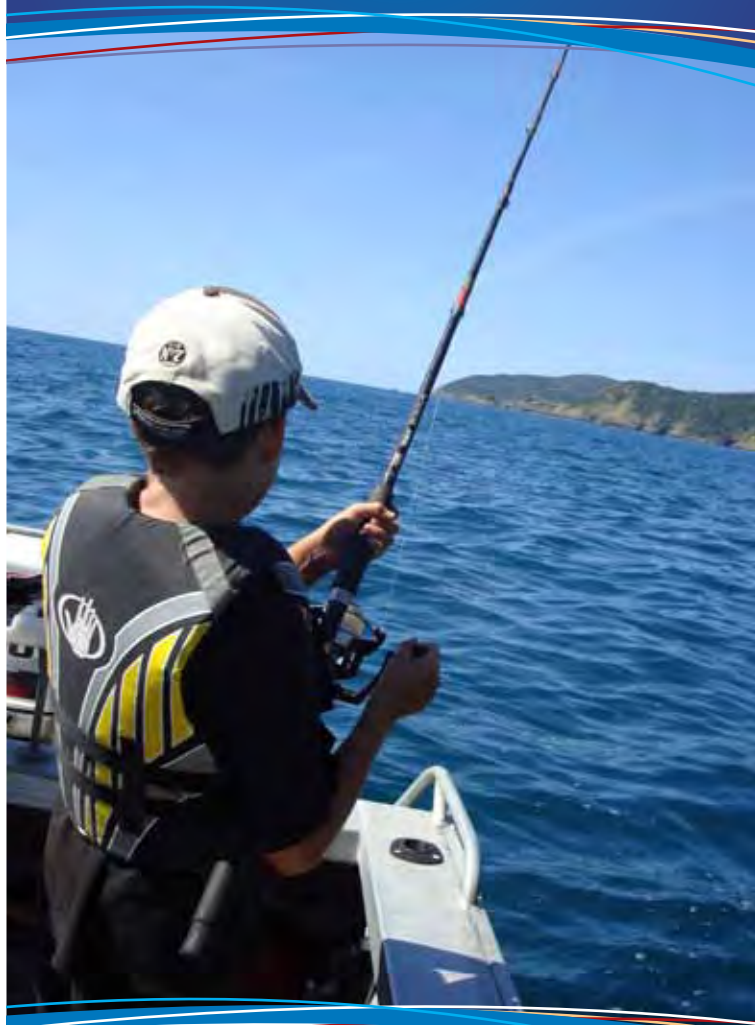
Labour Day	Monday 24 October 2011
Christmas Day	Sunday 25 December
Boxing Day	Monday 26 December
New Year's Day	Sunday 1 January 2012
Day after New Year's Day	Monday 2 January
Auckland/Northland Anniversary Day.....	Monday 30 January
Waitangi Day	Monday 6 February
Good Friday	Friday 6 April
Easter Monday.....	Monday 9 April
Anzac Day	Wednesday 25 April
Queen's Birthday	Monday 4 June

www.nrc.govt.nz/onthewater

Tide Tables

2011-2012

Northland, New Zealand



TIDE TABLE INSTRUCTIONS

New Zealand daylight saving time

The tide predictions for the primary ports in this tide table have been corrected for daylight saving time. Daylight savings runs from 2am Sunday 25 September 2011 to 3am Sunday 1 April 2012.

Primary ports

All New Zealand tidal data is referenced to predictions for primary ports. Northland's primary ports are Marsden Point on the east coast and Port Taranaki on the west coast.

Secondary ports

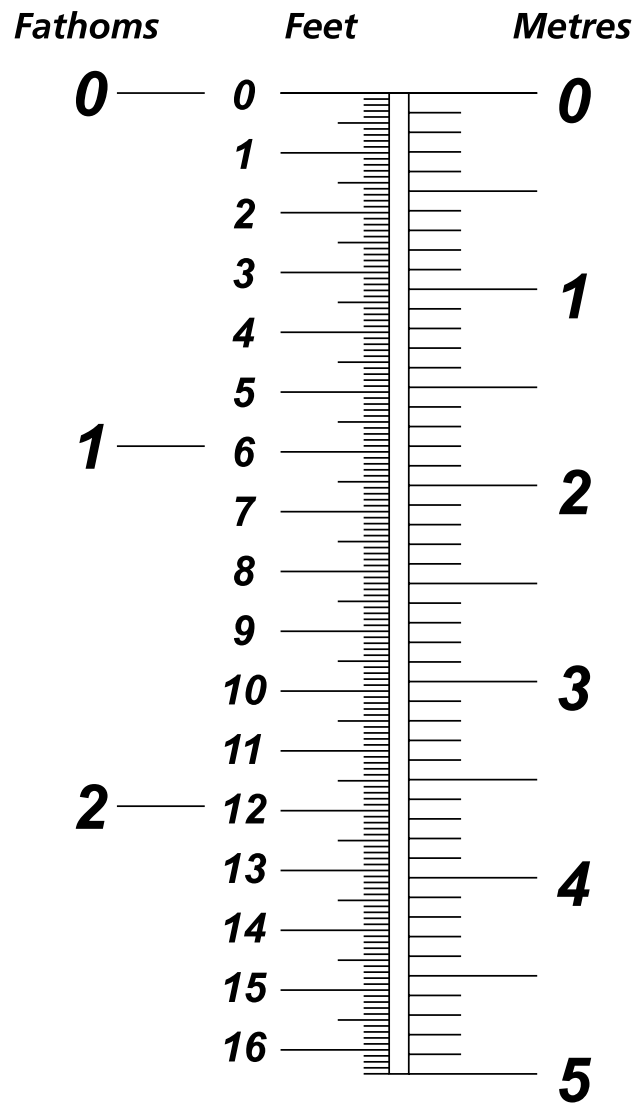
The times and heights of tides for secondary ports can be found by applying the corrections found on pages 62 and 63 to the corresponding primary port predictions.

Tide Range Table

The actual height of the tide at any time can be found by using the Range Table on pages 46 and 47. To find the height of the tide:

1. Calculate the duration of the tide (low water to high water or vice versa) for your port.
2. Calculate the interval between the current time and the closest low or high water.
3. Calculate the range of the current tide for your port.
4. Enter the top section of the Range Table (page 46) with the tide duration in the left hand column and find the nearest interval to your calculated one in the body of the table. This will determine the appropriate column in the body of the table.
5. Stay in that column and transfer to the bottom table (page 47). Read off the correction from your column for your range of tide.
6. Apply the correction to the predicted tide height for the low or high you calculated your interval from. Please note that you add the correction to a low water prediction and subtract it from a high water one.

TIDE HEIGHT CONVERSION



RANGE TABLE

For finding the height of the tide at times between high and low water.

Duration of rise and fall	INTERVAL FROM NEAREST HIGH OR LOW WATER																			
	0006	0012	0018	0024	0030	0036	0042	0048	0054	0100	0106	0112	0118	0124	0130	0136	0142	0148	0154	0200
0400	0006	0012	0018	0024	0030	0036	0042	0048	0054	0100	0106	0112	0118	0124	0130	0136	0142	0148	0154	0200
10	0006	0013	0019	0025	0031	0038	0044	0050	0056	0103	0109	0115	0121	0128	0134	0140	0146	0153	0159	0205
20	0007	0013	0020	0026	0033	0039	0046	0052	0059	0105	0112	0118	0125	0131	0138	0144	0151	0157	0204	0210
30	0007	0014	0020	0027	0034	0041	0047	0054	0101	0108	0114	0121	0128	0135	0141	0148	0155	0202	0208	0215
40	0007	0014	0021	0028	0035	0042	0049	0056	0103	0110	0117	0124	0131	0138	0145	0152	0159	0206	0213	0220
0450	0007	0015	0022	0029	0036	0044	0051	0058	0105	0113	0120	0127	0134	0142	0149	0156	0203	0211	0218	0225
0500	0008	0015	0023	0030	0038	0045	0053	0100	0108	0115	0123	0130	0138	0145	0153	0200	0208	0215	0223	0230
10	0008	0016	0023	0031	0039	0047	0054	0102	0110	0118	0125	0133	0141	0149	0156	0204	0212	0220	0227	0235
20	0008	0016	0024	0032	0040	0048	0056	0104	0112	0120	0128	0136	0144	0152	0200	0208	0216	0224	0232	0240
30	0008	0017	0025	0033	0041	0050	0058	0106	0114	0123	0131	0139	0147	0156	0204	0212	0220	0229	0237	0245
40	0009	0017	0026	0034	0043	0051	0100	0108	0117	0125	0134	0142	0151	0159	0208	0216	0225	0233	0242	0250
0550	0009	0018	0026	0035	0044	0053	0101	0110	0119	0128	0136	0145	0154	0203	0211	0220	0226	0238	0246	0255
0600	0009	0018	0027	0036	0045	0054	0103	0112	0121	0130	0139	0148	0157	0206	0215	0224	0233	0242	0251	0300
10	0009	0019	0028	0037	0046	0056	0105	0114	0123	0133	0142	0151	0200	0210	0219	0228	0237	0247	0256	0305
20	0010	0019	0029	0038	0048	0057	0107	0116	0126	0135	0145	0154	0204	0213	0223	0232	0242	0251	0301	0310
30	0010	0020	0029	0039	0049	0059	0108	0118	0128	0138	0147	0157	0207	0217	0226	0236	0246	0256	0305	0315
40	0010	0020	0030	0040	0050	0100	0110	0120	0130	0140	0150	0200	0210	0220	0230	0240	0250	0300	0310	0320
0650	0010	0021	0031	0041	0051	0102	0112	0122	0132	0143	0153	0203	0213	0224	0234	0244	0254	0305	0315	0325
0700	0011	0021	0032	0042	0053	0103	0114	0124	0135	0145	0156	0206	0217	0227	0238	0248	0259	0309	0320	0330
10	0011	0022	0032	0043	0054	0105	0115	0126	0137	0148	0158	0209	0220	0231	0241	0252	0303	0314	0324	0335
20	0011	0022	0033	0044	0055	0106	0117	0128	0139	0150	0201	0212	0223	0234	0245	0256	0307	0318	0329	0340
30	0011	0023	0034	0045	0056	0108	0119	0130	0141	0153	0204	0215	0226	0238	0249	0300	0311	0323	0334	0345
40	0012	0023	0035	0046	0058	0109	0121	0132	0144	0155	0207	0218	0230	0241	0253	0304	0316	0327	0339	0350
0750	0012	0024	0035	0047	0059	0111	0122	0134	0146	0158	0209	0221	0233	0245	0256	0308	0320	0332	0343	0355
0800	0012	0024	0036	0048	0100	0112	0124	0136	0148	0200	0212	0224	0236	0248	0300	0312	0324	0336	0348	0400

Correction to height of high or low water.

Range M	CORRECTION TO HEIGHT OF HIGH OR LOW WATER																			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4
1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5
1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7
1.6	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.8
1.8	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.9
2.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0
2.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1
2.4	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
2.6	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
2.8	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
3.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5
3.2	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.6
3.4	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.6	1.7
3.6	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8
3.8	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.5	1.6	1.8	1.9
4.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0
4.2	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.3	1.5	1.6	1.8	1.9	2.1
4.4	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.9	2.0	2.2
4.6	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.6	1.8	1.9	2.1	2.3
4.8	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.4
5.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.5

EAST COAST

Northland's east coast has thirteen harbours:

- Pārengarenga
- Houhora
- Rangaunu
- Mangōnui
- Whangaroa
- Bay of Islands
- Whangamumu
- Whangaruru
- Whananaki
- Tutukākā
- Ngunguru
- Whāngārei
- Mangawhai

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

JULY 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0059	0.8	11	0308	2.5	21	0528	0.7
	0705	2.4		0928	0.6		1135	2.4
Fr	1316	0.6	Mo	1555	2.5	Th	1737	0.8
	1939	2.6		2159	0.7		2355	2.5
2	0146	0.7	12	0409	2.5	22	0609	0.7
	0754	2.5		1028	0.6		1217	2.3
Sa	1402	0.5	Tu	1657	2.5	Fr	1820	0.8
	2024	2.6		2301	0.7			
3	0232	0.7	13	0511	2.5	23	0036	2.4
	0842	2.5		1127	0.5		0652	0.8
Su	1447	0.5	We	1756	2.6	Sa	1302	2.3
	2110	2.7		2359	0.7		1906	0.9
4	0320	0.6	14	0610	2.5	24	0119	2.3
	0930	2.6		1223	0.5		0737	0.8
Mo	1533	0.4	Th	1850	2.6	Su	1351	2.2
	2156	2.8					1957	1.0
5	0408	0.5	15	0054	0.6	25	0206	2.3
	1018	2.6		0705	2.5		0825	0.8
Tu	1620	0.4	Fr	1315	0.5	Mo	1445	2.2
	2243	2.8		1940	2.7		2052	1.0
6	0457	0.5	16	0146	0.6	26	0257	2.2
	1108	2.6		0757	2.5		0918	0.8
We	1709	0.5	Sa	1404	0.5	Tu	1542	2.2
	2332	2.7		2028	2.7		2149	1.0
7	0547	0.5	17	0235	0.6	27	0352	2.2
	1159	2.6		0845	2.5		1013	0.8
Th	1801	0.5	Su	1450	0.5	We	1639	2.3
				2112	2.7		2245	1.0
8	0022	2.7	18	0321	0.6	28	0449	2.3
	0638	0.5		0930	2.5		1107	0.7
Fr	1253	2.5	Mo	1533	0.5	Th	1733	2.4
	1856	0.6		2155	2.6		2338	0.9
9	0114	2.6	19	0405	0.6	29	0545	2.3
	0732	0.5		1012	2.5		1159	0.6
Sa	1351	2.5	Tu	1614	0.6	Fr	1823	2.5
	1954	0.7		2235	2.6			
10	0210	2.6	20	0447	0.6	30	0030	0.8
	0829	0.5		1054	2.4		0639	2.4
Su	1452	2.5	We	1655	0.7	Sa	1249	0.5
	2056	0.7		2315	2.5		1912	2.6
						31	0120	0.7
							0730	2.5
							1337	0.4
							1959	2.7

Tide times listed are NZ standard time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

AUGUST 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0209	0.5	11	0456	2.4	21	0608	0.7
	0821	2.6		1111	0.6		1222	2.3
Mo	1425	0.4	Th	1739	2.5	Su	1826	0.9
	2046	2.8		2344	0.7			
2	0258	0.4	12	0556	2.4	22	0038	2.3
	0910	2.7		1207	0.6		0652	0.8
Tu	1513	0.3	Fr	1832	2.6	Mo	1309	2.3
	2134	2.8				▷	1915	0.9
3	0347	0.4	13	0037	0.7	23	0125	2.2
	0959	2.7		0650	2.4		0740	0.8
We	1601	0.3	Sa	1257	0.6	Tu	1402	2.2
	2222	2.8		1920	2.6		2010	1.0
4	0436	0.4	14	0127	0.6	24	0218	2.2
	1050	2.7		0739	2.5		0834	0.8
Th	1651	0.4	Su	1344	0.5	We	1500	2.2
	2311	2.8	○	2005	2.6		2109	1.0
5	0525	0.4	15	0212	0.6	25	0315	2.2
	1141	2.7		0824	2.5		0933	0.8
Fr	1743	0.5	Mo	1427	0.5	Th	1600	2.3
				2046	2.6		2209	0.9
6	0001	2.7	16	0255	0.6	26	0416	2.3
	0617	0.4		0905	2.5		1032	0.7
Sa	1235	2.6	Tu	1507	0.6	Fr	1658	2.4
◁	1839	0.6		2125	2.6		2307	0.8
7	0054	2.6	17	0335	0.6	27	0516	2.3
	0710	0.5		0944	2.5		1129	0.6
Su	1333	2.5	We	1545	0.6	Sa	1752	2.5
	1938	0.7		2202	2.5			
8	0151	2.5	18	0413	0.6	28	0002	0.7
	0808	0.6		1022	2.5		0614	2.5
Mo	1434	2.5	Th	1623	0.7	Su	1222	0.5
	2040	0.7		2239	2.5		1843	2.6
9	0251	2.4	19	0451	0.6	29	0054	0.5
	0909	0.6		1100	2.4		0708	2.6
Tu	1538	2.5	Fr	1702	0.7	Mo	1313	0.4
	2144	0.8		2316	2.4		1933	2.8
10	0354	2.4	20	0529	0.7	30	0145	0.4
	1011	0.6		1139	2.4		0759	2.7
We	1640	2.5	Sa	1742	0.8	Tu	1403	0.3
	2246	0.8		2356	2.4		2022	2.8
						31	0235	0.3
						We	0850	2.8
							1452	0.3
							2111	2.9

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

SEPTEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0324	0.2	11	0017	0.7	21	0052	2.2
	0940	2.8		0631	2.4		0702	0.8
Th	1542	0.3	Su	1237	0.6	We	1326	2.3
	2200	2.9		1856	2.5	▷	1936	0.9
2	0413	0.2	12	0104	0.6	22	0145	2.2
	1030	2.8		0718	2.4		0757	0.8
Fr	1633	0.3	Mo	1321	0.6	Th	1424	2.3
	2250	2.8	○	1938	2.5		2035	0.9
3	0503	0.3	13	0146	0.6	23	0244	2.2
	1122	2.7		0800	2.5		0857	0.8
Sa	1726	0.4	Tu	1402	0.6	Fr	1524	2.3
	2341	2.7		2017	2.5		2137	0.8
4	0554	0.4	14	0226	0.6	24	0347	2.3
	1216	2.7		0839	2.5		1000	0.7
Su	1822	0.6	We	1440	0.6	Sa	1623	2.4
				2054	2.5		2237	0.7
5	0035	2.6	15	0304	0.5	25	0550	2.4
	0649	0.5		0916	2.5		1159	0.6
Mo	1313	2.6	Th	1517	0.6	Su	1620	2.5
◁	1921	0.7		2130	2.5			
6	0132	2.5	16	0340	0.6	26	0034	0.6
	0747	0.6		0952	2.5		0649	2.5
Tu	1415	2.5	Fr	1554	0.7	Mo	1256	0.5
	2023	0.7		2206	2.5		1914	2.7
7	0233	2.4	17	0416	0.6	27	0128	0.4
	0849	0.7		1029	2.4		0745	2.6
We	1518	2.4	Sa	1632	0.7	Tu	1349	0.4
	2127	0.8		2243	2.4		2006	2.8
8	0338	2.3	18	0452	0.6	28	0220	0.3
	0952	0.7		1107	2.4		0838	2.8
Th	1620	2.4	Su	1711	0.8	We	1441	0.3
	2228	0.8		2322	2.3		2057	2.8
9	0441	2.3	19	0531	0.7	29	0311	0.2
	1052	0.7		1149	2.3		0930	2.9
Fr	1718	2.4	Mo	1754	0.8	Th	1532	0.3
	2325	0.7					2148	2.9
10	0539	2.3	20	0005	2.3	30	0401	0.2
	1147	0.7		0614	0.7		1021	2.9
Sa	1809	2.5	Tu	1235	2.3	Fr	1624	0.3
				1842	0.9		2238	2.8

NZ daylight saving time starts at 0200 on Sunday 25 September 2011.

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are NZ standard time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

OCTOBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0451	0.2	11	0136	0.6	21	0219	2.2
	1111	2.9		0753	2.4		0826	0.7
Sa	1716	0.3	Tu	1355	0.7	Fr	1453	2.3
	2330	2.8		2008	2.4		2107	0.8
2	0541	0.2	12	0217	0.6	22	0318	2.2
	1203	2.8		0835	2.4		0926	0.7
Su	1809	0.4	We	1436	0.7	Sa	1551	2.4
			○	2046	2.5		2208	0.7
3	0022	2.6	13	0256	0.6	23	0421	2.3
	0633	0.4		0913	2.5		1029	0.7
	1256	2.7	Th	1514	0.7	Su	1651	2.5
Mo	1905	0.5		2123	2.5		2308	0.6
4	0116	2.5	14	0333	0.5	24	0524	2.4
	0727	0.5		0949	2.5		1131	0.6
	1353	2.6	Fr	1551	0.7	Mo	1749	2.6
Tu	2003	0.6		2200	2.4	
5	0213	2.4	15	0409	0.5	25	0006	0.5
	0824	0.6		1025	2.5		0626	2.5
	1452	2.5	Sa	1628	0.7	Tu	1230	0.5
We	2104	0.7		2236	2.4		1846	2.7
6	0313	2.3	16	0445	0.6	26	0102	0.4
	0925	0.7		1102	2.5		0724	2.7
	1554	2.4	Su	1706	0.7	We	1326	0.4
Th	2205	0.8		2315	2.4		1940	2.7
7	0417	2.3	17	0522	0.6	27	0156	0.3
	1028	0.8		1141	2.4		0818	2.8
	1654	2.4	Mo	1746	0.8	Th	1420	0.3
Fr	2305	0.8		2355	2.3		2034	2.8
8	0519	2.2	18	0601	0.6	28	0248	0.2
	1128	0.8		1222	2.4		0911	2.9
	1750	2.4	Tu	1829	0.8	Fr	1514	0.3
Sa							2127	2.8
9	0000	0.7	19	0039	2.3	29	0339	0.2
	0616	2.3		0644	0.7		1002	2.9
	1222	0.7	We	1308	2.4	Sa	1606	0.3
Su	1840	2.4		1917	0.8		2219	2.8
10	0050	0.7	20	0126	2.3	30	0430	0.2
	0708	2.3		0732	0.7		1053	2.9
	1311	0.7	Th	1358	2.3	Su	1659	0.4
Mo	1926	2.4		2010	0.8		2311	2.7
			⤵			31	0520	0.3
						Mo	1144	2.8
							1752	0.4

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

NOVEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0103	2.6	11	0225	0.6	21	0357	2.3
	0611	0.4		0846	2.4		1001	0.7
Tu	1236	2.7	Fr	1447	0.7	Mo	1621	2.5
	1846	0.5	○	2053	2.4		2240	0.6
2	0056	2.5	12	0304	0.6	22	0501	2.4
	0703	0.5		0923	2.5		1104	0.6
We	1330	2.6	Sa	1526	0.7	Tu	1720	2.5
	1942	0.6		2132	2.4		2340	0.5
3	0150	2.4	13	0341	0.5	23	0604	2.5
	0758	0.6		1001	2.5		1206	0.6
	1425	2.5	Su	1605	0.7	We	1819	2.6
Th	2039	0.7		2211	2.4			
4	0248	2.3	14	0419	0.5	24	0038	0.4
	0856	0.7		1039	2.5		0703	2.6
	1522	2.4	Mo	1645	0.7	Th	1305	0.5
Fr	2136	0.7		2252	2.4		1917	2.7
5	0348	2.2	15	0457	0.5	25	0134	0.3
	0956	0.8		1119	2.5		0759	2.8
	1619	2.4	Tu	1726	0.7	Fr	1402	0.4
Sa	2233	0.8		2334	2.4		2013	2.7
6	0448	2.2	16	0538	0.6	26	0228	0.2
	1054	0.8		1201	2.5		0853	2.8
	1713	2.3	We	1810	0.7	Sa	1456	0.4
Su	2327	0.7					2108	2.7
7	0545	2.2	17	0018	2.4	27	0320	0.2
	1150	0.8		0621	0.6		0944	2.9
	1803	2.3	Th	1246	2.5	Su	1550	0.4
Mo				1857	0.7		2201	2.7
8	0017	0.7	18	0106	2.3	28	0410	0.2
	0638	2.3		0708	0.6		1125	2.8
	1240	0.8	Fr	1334	2.5	Mo	1642	0.4
Tu	1850	2.3		1948	0.7		2253	2.6
9	0103	0.7	19	0158	2.3	29	0500	0.3
	0724	2.3		0801	0.7		1125	2.8
	1325	0.8	Sa	1427	2.5	Tu	1734	0.5
We	1933	2.4		2043	0.7		2343	2.6
10	0146	0.6	20	0255	2.3	30	0549	0.4
	0807	2.4		0859	0.7		1214	2.7
	1407	0.8	Su	1522	2.5	We	1825	0.5
Th	2014	2.4		2141	0.6			

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARDSEN POINT

Lat. 35° 50' S Long. 174° 30' E

DECEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0033	2.5	11	0235	0.6	21	0439	2.4
Th	0638	0.5	Su	0857	2.5	We	1042	0.7
	1304	2.6		1501	0.8		1655	2.5
	1916	0.6		2106	2.4		2316	0.5
2	0124	2.4	12	0315	0.5	22	0543	2.5
Fr	0729	0.6		0937	2.5	Th	1145	0.7
	1354	2.5	Mo	1542	0.7		1757	2.5
	2008	0.7		2148	2.4			
3	0216	2.3	13	0355	0.5	23	0016	0.4
Sa	0821	0.8		1017	2.6	Fr	0644	2.6
	1444	2.4	Tu	1624	0.7		1247	0.6
	2100	0.7		2231	2.4		1858	2.6
4	0310	2.2	14	0436	0.5	24	0114	0.4
Su	0916	0.8		1058	2.6	Sa	0742	2.7
	1536	2.3	We	1707	0.6		1345	0.5
	2153	0.8		2315	2.5		1956	2.6
5	0408	2.2	15	0518	0.5	25	0210	0.3
Mo	1013	0.9		1141	2.6	Su	0836	2.8
	1627	2.3	Th	1752	0.6		1440	0.5
	2245	0.8					2052	2.6
6	0505	2.2	16	0000	2.5	26	0302	0.3
Tu	1109	0.9	Fr	0602	0.5	Mo	0927	2.8
	1719	2.3		1226	2.6		1533	0.5
	2336	0.8		1839	0.6		2144	2.6
7	0600	2.2	17	0048	2.4	27	0352	0.3
We	1202	0.9		0649	0.6	Tu	1016	2.8
	1808	2.3	Sa	1313	2.6		1624	0.5
				1928	0.6		2234	2.6
8	0025	0.7	18	0139	2.4	28	0440	0.4
Th	0650	2.3		0740	0.6	We	1103	2.8
	1251	0.9	Su	1403	2.6		1713	0.5
	1855	2.3		2020	0.6		2322	2.6
9	0111	0.7	19	0234	2.4	29	0526	0.4
Fr	0735	2.3		0837	0.7	Th	1149	2.7
	1336	0.9	Mo	1457	2.5		1800	0.5
	1940	2.3		2116	0.6			
10	0154	0.6	20	0335	2.4	30	0008	2.5
Sa	0817	2.4		0938	0.7	Fr	0611	0.5
	1419	0.8	Tu	1554	2.5		1234	2.6
	2024	2.3		2215	0.5		1846	0.6
						31	0053	2.4
						Sa	0656	0.6
							1318	2.5
							1932	0.7

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARDSEN POINT

Lat. 35° 50' S Long. 174° 30' E

JANUARY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0140	2.3	11	0332	0.5	21	0627	2.5
Su	0743	0.8	We	0953	2.6	Sa	1230	0.7
	1403	2.4		1602	0.6		1842	2.5
	2019	0.7		2211	2.5			
2	0228	2.3	12	0415	0.4	22	0057	0.5
Mo	0833	0.9		1036	2.7	Su	0725	2.6
	1449	2.3	Th	1647	0.6		1329	0.6
	2107	0.8		2256	2.6		1942	2.5
3	0321	2.2	13	0458	0.4	23	0153	0.5
Tu	0926	0.9		1120	2.7	Mo	0819	2.7
	1537	2.3	Fr	1732	0.5		1424	0.6
	2157	0.8		2343	2.6		2036	2.6
4	0416	2.2	14	0544	0.4	24	0245	0.4
We	1022	1.0		1206	2.7	Tu	0909	2.7
	1628	2.2	Sa	1819	0.5		1515	0.5
	2250	0.8					2127	2.6
5	0514	2.2	15	0031	2.6	25	0332	0.4
Th	1118	1.0		0632	0.5	We	0955	2.7
	1721	2.2	Su	1253	2.7		1603	0.5
	2342	0.8		1907	0.5		2214	2.6
6	0608	2.2	16	0121	2.5	26	0418	0.4
Fr	1211	1.0		0723	0.6	Th	1039	2.7
	1814	2.2	Mo	1342	2.6		1648	0.5
				1959	0.5		2258	2.6
7	0033	0.8	17	0216	2.5	27	0501	0.5
Sa	0658	2.3		0818	0.6	Fr	1121	2.7
	1302	0.9	Tu	1435	2.6		1731	0.5
	1905	2.3		2054	0.5		2340	2.5
8	0120	0.7	18	0315	2.5	28	0542	0.6
Su	0745	2.4		0919	0.7	Sa	1202	2.6
	1349	0.9	We	1533	2.5		1813	0.6
	1954	2.3		2153	0.6			
9	0205	0.6	19	0419	2.5	29	0121	2.5
Mo	0828	2.5		1023	0.7	Su	0624	0.7
	1434	0.8	Th	1634	2.5		1242	2.5
	2040	2.4		2255	0.6		1854	0.6
10	0249	0.5	20	0524	2.5	30	0103	2.4
Tu	0911	2.6		1128	0.7	Mo	0706	0.8
	1518	0.7	Fr	1739	2.5		1322	2.4
	2126	2.5		2357	0.6		1936	0.7
						31	0146	2.3
						Tu	0751	0.9
							1404	2.4
							2020	0.8

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

FEBRUARY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0233	2.2	11	0438	0.4	21	0135	0.6
	0840	0.9		1058	2.8		0759	2.6
We	1449	2.3	Sa	1711	0.4	Tu	1405	0.6
	2108	0.8		2324	2.7		2019	2.5
2	0326	2.2	12	0526	0.4	22	0525	0.5
	0933	1.0		1145	2.8		0846	2.7
Th	1539	2.2	Su	1758	0.4	We	1454	0.6
	2200	0.9					2107	2.5
3	0423	2.2	13	0013	2.7	23	0311	0.5
	1031	1.0		0615	0.5		0931	2.7
Fr	1634	2.2	Mo	1233	2.8	Th	1538	0.6
	2256	0.9		1847	0.4		2151	2.6
4	0522	2.2	14	0104	2.7	24	0354	0.5
	1128	1.0		0707	0.5		1012	2.7
Sa	1732	2.2	Tu	1324	2.7	Fr	1621	0.6
	2352	0.8		1938	0.5		2232	2.6
5	0617	2.3	15	0159	2.6	25	0434	0.6
	1223	1.0		0803	0.6		1051	2.6
Su	1829	2.3	We	1418	2.6	Sa	1700	0.6
				2034	0.5		2311	2.5
6	0044	0.7	16	0258	2.5	26	0513	0.6
	0708	2.4		0904	0.7		1129	2.6
Mo	1315	0.9	Th	1516	2.5	Su	1739	0.6
	1923	2.3		2133	0.6		2349	2.5
7	0134	0.6	17	0401	2.5	27	0552	0.7
	0756	2.5		1008	0.8		1206	2.5
Tu	1404	0.8	Fr	1619	2.4	Mo	1817	0.7
	2013	2.5		2237	0.7			
8	0221	0.5	18	0506	2.5	28	0027	2.4
	0842	2.6		1112	0.8		0632	0.8
We	1451	0.6	Sa	1724	2.4	Tu	1244	2.4
	2102	2.6		2340	0.7		1855	0.7
9	0307	0.5	19	0609	2.5	29	0108	2.4
	0927	2.7		1214	0.8		0714	0.9
Th	1538	0.5	Su	1828	2.4	We	1324	2.4
	2149	2.6					1937	0.8
10	0352	0.4	20	0040	0.6			
	1012	2.8		0706	2.6			
Fr	1624	0.4	Mo	1312	0.7			
	2236	2.7		1926	2.5			

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

MARCH 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0152	2.3	11	0418	0.3	21	0114	0.7
	0800	0.9		1035	2.9		0734	2.5
Th	1409	2.3	Su	1648	0.3	We	1341	0.7
	2022	0.8		2305	2.8		1958	2.5
2	0542	2.3	12	0508	0.4	22	0202	0.7
	0851	1.0		1124	2.8		0820	2.6
Fr	1458	2.2	Mo	1737	0.3	Th	1428	0.6
	2114	0.9		2355	2.8		2044	2.5
3	0337	2.2	13	0559	0.4	23	0246	0.6
	0947	1.0		1215	2.8		0902	2.6
Sa	1553	2.2	Tu	1827	0.4	Fr	1510	0.6
	2211	0.9					2126	2.6
4	0436	2.2	14	0047	2.7	24	0328	0.6
	1046	1.0		0653	0.5		0942	2.6
Su	1653	2.2	We	1307	2.7	Sa	1550	0.6
	2310	0.8		1919	0.5		2205	2.6
5	0535	2.3	15	0142	2.7	25	0407	0.7
	1144	0.9		0750	0.6		1019	2.5
Mo	1753	2.3	Th	1402	2.6	Su	1628	0.6
				2015	0.6		2242	2.5
6	0007	0.8	16	0241	2.6	26	0445	0.7
	0629	2.4		0850	0.7		1056	2.5
Tu	1240	0.8	Fr	1501	2.5	Mo	1705	0.6
	1851	2.4		2115	0.7		2318	2.5
7	0101	0.7	17	0344	2.5	27	0523	0.8
	0721	2.5		0953	0.8		1133	2.5
We	1332	0.7	Sa	1604	2.4	Tu	1741	0.7
	1945	2.5		2219	0.7		2356	2.5
8	0151	0.5	18	0447	2.5	28	0602	0.8
	0810	2.7		1055	0.8		1211	2.4
Th	1422	0.5	Su	1709	2.4	We	1819	0.7
	2037	2.6		2322	0.7			
9	0241	0.4	19	0547	2.5	29	0035	2.4
	0859	2.8		1155	0.8		0643	0.9
Fr	1511	0.4	Mo	1811	2.4	Th	1252	2.4
	2127	2.8					1900	0.8
10	0329	0.4	20	0021	0.7	30	0119	2.4
	0947	2.8		0643	2.5		0727	0.9
Sa	1559	0.3	Tu	1251	0.7	Fr	1336	2.3
	2216	2.8		1907	2.4		1945	0.8
						31	0207	2.3
						Sa	0817	1.0
							1425	2.3
							2035	0.9

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

APRIL 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0159	2.3	11	0444	0.4	21	0119	0.8
Su	0811	1.0		1057	2.8		0730	2.5
	1420	2.3	We	1707	0.4	Sa	1339	0.6
	2032	0.9		2330	2.8		1958	2.5
2	0256	2.3	12	0539	0.5	22	0200	0.7
Mo	0909	0.9		1151	2.7		0810	2.5
	1519	2.3	Th	1800	0.5	Su	1419	0.6
	2131	0.8					2037	2.5
3	0354	2.4	13	0025	2.7	23	0239	0.8
Tu	1008	0.9		0635	0.6		0848	2.5
	1621	2.3	Fr	1246	2.5	Mo	1456	0.6
	2231	0.8		1856	0.6		2114	2.5
4	0451	2.5	14	0123	2.6	24	0318	0.8
We	1105	0.7		0734	0.7		0926	2.4
	1721	2.5	Sa	1345	2.5	Tu	1533	0.6
	2328	0.7		1955	0.7		2150	2.5
5	0545	2.6	15	0222	2.5	25	0356	0.8
Th	1200	0.6		0834	0.7	We	1004	2.4
	1818	2.6	Su	1446	2.4		1610	0.7
				2057	0.8		2228	2.5
6	0022	0.6	16	0322	2.5	26	0436	0.8
Fr	0638	2.7		0934	0.8	Th	1043	2.4
	1253	0.5	Mo	1549	2.4		1649	0.7
	1912	2.7		2158	0.8		2308	2.5
7	0115	0.5	17	0420	2.5	27	0517	0.9
Sa	0730	2.8		1031	0.8	Fr	1125	2.4
	1344	0.4	Tu	1648	2.4		1730	0.7
	2004	2.8		2255	0.8		2351	2.4
8	0207	0.4	18	0514	2.5	28	0601	0.9
Su	0822	2.8		1124	0.7	Sa	1210	2.3
	1435	0.3	We	1743	2.4		1814	0.8
	2055	2.9		2348	0.8			
9	0258	0.4	19	0603	2.5	29	0038	2.4
Mo	0913	2.9		1213	0.7	Su	0650	0.9
	1525	0.3	Th	1833	2.5		1258	2.3
	2146	2.9					1903	0.8
10	0351	0.4	20	0035	0.8	30	0128	2.4
Tu	1005	2.8		0648	2.5	Mo	0742	0.9
	1616	0.3	Fr	1258	0.7		1352	2.3
	2237	2.9		1917	2.5		1958	0.8

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

MAY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0222	2.4	11	0522	0.5	21	0132	0.8
Tu	0837	0.8		1133	2.6		0738	2.4
	1450	2.3	Fr	1740	0.5	Mo	1348	0.7
	2057	0.8					2008	2.5
2	0318	2.5	12	0006	2.7	22	0212	0.8
We	0935	0.8		0618	0.6		0818	2.4
	1551	2.4	Sa	1228	2.5	Tu	1426	0.6
	2158	0.8		1835	0.6		2046	2.5
3	0415	2.5	13	0101	2.6	23	0252	0.8
Th	1033	0.6		0714	0.7		0858	2.4
	1652	2.5	Su	1324	2.4	We	1504	0.6
	2257	0.7		1931	0.7		2124	2.5
4	0512	2.6	14	0156	2.6	24	0332	0.8
Fr	1130	0.5		0810	0.7		0938	2.4
	1752	2.6	Mo	1422	2.4	Th	1543	0.6
	2355	0.6		2030	0.8		2203	2.5
5	0608	2.7	15	0252	2.5	25	0412	0.8
Sa	1225	0.4		0906	0.7		1019	2.4
	1848	2.8	Tu	1521	2.3	Fr	1622	0.7
				2128	0.8		2244	2.5
6	0051	0.5	16	0346	2.4	26	0454	0.8
Su	0704	2.8		1000	0.8		1102	2.4
	1319	0.3	We	1619	2.3	Sa	1704	0.7
	1942	2.9		2224	0.9		2327	2.5
7	0145	0.4	17	0438	2.4	27	0539	0.8
Mo	0758	2.8		1051	0.7		1147	2.4
	1412	0.3	Th	1713	2.4	Su	1748	0.7
	2035	2.9		2317	0.9			
8	0239	0.4	18	0527	2.4	28	0012	2.5
Tu	0852	2.8		1140	0.7		0626	0.8
	1504	0.3	Fr	1803	2.4	Mo	1235	2.4
	2127	2.9					1837	0.7
9	0333	0.4	19	0005	0.9	29	0101	2.5
We	0946	2.8		0613	2.4		0716	0.8
	1555	0.3	Sa	1225	0.7	Tu	1327	2.4
	2219	2.9		1848	2.4		1930	0.8
10	0428	0.4	20	0050	0.8	30	0152	2.5
Th	1039	2.7		0657	2.4		0809	0.7
	1647	0.4	Su	1307	0.7	We	1425	2.4
	2312	2.8		1929	2.5		2028	0.8
						31	0247	2.5
						Th	0906	0.7
							1525	2.4
							2130	0.7

NZ daylight saving time ends at 0300 local time on Sunday 1 April 2012.

Tide times listed are NZ standard time.

Tide times listed are NZ standard time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

JUNE 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0345	2.6	11	0033	2.6	21	0226	0.8
Fr	1004	0.6		0647	0.6	Th	0832	2.4
	1628	2.5	Mo	1257	2.4		1438	0.6
	2231	0.7		1902	0.7		2059	2.6
2	0444	2.6		0124	2.5	22	0307	0.8
Sa	1103	0.5		0738	0.7		0914	2.4
	1728	2.6	Tu	1351	2.4	Fr	1518	0.6
	2331	0.6		1956	0.8		2139	2.6
3	0543	2.7	13	0215	2.5	23	0349	0.7
Su	1200	0.4		0830	0.7		0956	2.5
	1827	2.7	We	1446	2.3	Sa	1559	0.6
				2052	0.9		2220	2.6
4	0030	0.5	14	0306	2.4	24	0432	0.7
Mo	0641	2.7		0922	0.8		1040	2.5
	1257	0.3	Th	1543	2.3	Su	1641	0.6
	1922	2.8		2148	0.9		2303	2.6
5	0126	0.5	15	0357	2.3	25	0516	0.7
Tu	0738	2.7		1014	0.8		1126	2.5
	1351	0.3	Fr	1638	2.3	Mo	1726	0.6
	2016	2.9		2241	0.9		2348	2.6
6	0222	0.4	16	0448	2.3	26	0602	0.7
We	0834	2.7		1103	0.8		1214	2.4
	1444	0.3	Sa	1729	2.3	Tu	1814	0.7
	2109	2.9		2331	0.9			
7	0316	0.4	17	0536	2.3	27	0036	2.6
Th	0928	2.7		1151	0.7		0652	0.6
	1536	0.3	Su	1816	2.4	We	1306	2.4
	2200	2.9					1907	0.7
8	0410	0.5	18	0018	0.9	28	0127	2.6
Fr	1021	2.7		0623	2.3		0744	0.6
	1627	0.4	Mo	1235	0.7	Th	1402	2.4
	2251	2.8		1859	2.4		2005	0.7
9	0502	0.5	19	0103	0.9	29	0221	2.5
Sa	1113	2.6		0707	2.3		0841	0.6
	1718	0.5	Tu	1317	0.7	Fr	1503	2.5
	2342	2.7		1940	2.5		2107	0.7
10	0555	0.6	20	0145	0.8	30	0320	2.5
Su	1205	2.5		0750	2.4		0940	0.6
	1809	0.6	We	1358	0.6	Sa	1606	2.5
				2020	2.5		2210	0.7

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

EAST COAST - MARSDEN POINT

Lat. 35° 50' S Long. 174° 30' E

JULY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0421	2.6	11	0047	2.5	21	0242	0.7
Su	1041	0.5		0701	0.7		0850	2.5
	1709	2.6	We	1314	2.4	Sa	1453	0.5
	2312	0.6		1918	0.8		2114	2.6
2	0523	2.6	12	0134	2.4	22	0325	0.6
Mo	1141	0.4		0750	0.7		0934	2.5
	1808	2.7	Th	1405	2.3	Su	1536	0.5
				2011	0.9		2156	2.7
3	0012	0.6	13	0222	2.3	23	0408	0.6
Tu	0624	2.6		0840	0.8		1019	2.6
	1238	0.4	Fr	1500	2.3	Mo	1620	0.5
	1905	2.8		2107	1.0		2240	2.7
4	0110	0.5	14	0313	2.3	24	0453	0.5
We	0722	2.7		0932	0.8		1105	2.6
	1333	0.3	Sa	1556	2.3	Tu	1706	0.5
	1958	2.8		2202	1.0		2326	2.7
5	0205	0.5	15	0405	2.2	25	0540	0.5
Th	0817	2.7		1024	0.8		1154	2.5
	1425	0.3	Su	1650	2.3	We	1755	0.6
	2050	2.9		2255	1.0			
6	0258	0.4	16	0458	2.2	26	0014	2.6
Fr	0910	2.7		1115	0.8		0629	0.5
	1516	0.3	Mo	1740	2.3	Th	1246	2.5
	2139	2.8		2345	0.9		1848	0.6
7	0349	0.4	17	0549	2.3	27	0105	2.6
Sa	1000	2.7		1202	0.7		0722	0.5
	1604	0.4	Tu	1827	2.4	Fr	1343	2.5
	2227	2.8					1947	0.7
8	0438	0.5	18	0032	0.9	28	0201	2.5
Su	1049	2.6		0637	2.3		0819	0.6
	1652	0.5	We	1247	0.7	Sa	1445	2.5
	2314	2.7		1910	2.5		2050	0.7
9	0526	0.5	19	0116	0.8	29	0301	2.5
Mo	1137	2.5		0722	2.4		0920	0.6
	1740	0.6	Th	1330	0.6	Su	1549	2.5
				1951	2.5		2154	0.7
10	0001	2.6	20	0159	0.7	30	0404	2.5
Tu	0614	0.6		0807	2.4		1023	0.5
	1224	2.4	Fr	1412	0.6	Mo	1652	2.6
	1828	0.7		2032	2.6		2257	0.7
						31	0508	2.5
						Tu	1124	0.5
							1752	2.6
							2358	0.6

Tide times listed are NZ standard time.

Tide times listed are NZ standard time.

SECONDARY PORTS TABLE

Port	HW hhmm	LW hhmm	MHWS 2.7	MHWN 2.3	MLWN 0.9	MLWS 0.4	MSL 1.57
Port Marden Point							
Awanui River							
Dairy Factory Wharf	+01h22m	+02h23m	2.3	1.8	0.6	0.1	1.2*
Bay of Islands							
Doves Bay	-00h02m	-00h02m	2.4	2.2	0.8	0.6	1.5
Kerikeri	+00h05m	+00h09m	-	-	-	-	-*
Ōpua	+00h02m	+00h06m	2.5	2.1	0.8	0.4	1.4
Russell	+00h06m	+00h06m	2.4	2.0	0.8	0.3	1.4
Waitangi	+00h22m	+00h22m	2.3	2.0	0.6	0.4	1.4
Houhora Harbour							
Houhora Harbour entrance	+00h39m	+00h32m	2.2	1.9	0.7	0.3	1.3
Pukenui Wharf	+00h42m	+00h35m	2.1	1.9	0.3	0.1	1.1*
Mangonui							
Motukawanui (Cavalli) Island	+00h33m	+00h49m	2.6	2.2	0.9	0.4	1.5
Waiiti Bay	+00h13m	+00h09m	2.2	2.0	0.7	0.5	1.3
North Cape (Otou)							
Pārengarenga Harbour	+00h13m	+00h17m	2.4	1.9	0.8	0.3	1.4
Ngatehe Point	+01h40m	+01h45m	2.5	2.1	0.7	0.4	1.4
Rangaunu Harbour							
Omaia Island	+01h23m	+01h05m	2.3	2.0	0.5	0.2	1.3*
Scheigis Rock	+00h15m	-00h03m	2.3	1.9	0.6	0.2	1.3*
Unahi Jetty	+01h02m	+01h29m	2.3	1.9	0.6	0.2	1.3*
Tutukākā							
Whangamumu Harbour	-00h15m	-00h10m	2.3	1.9	0.8	0.3	1.4
Whāngārei Harbour	+00h14m	+00h31m	2.1	1.9	0.6	0.2	1.2
Portland Wharf	+00h19m	+00h13m	3.1	2.6	1.1	0.4	1.8
Whāngārei	+00h21m	+00h14m	3.1	2.6	1.1	0.5	1.8
Whangaroa Harbour							
Whangaroa	+00h32m	+00h28m	2.5	2.2	0.8	0.5	1.5
Whangaruru Harbour							
Rocky Point	+00h13m	+00h50m	2.2	2.0	0.6	0.3	1.3*
Port Taranaki							
Ahipara Bay	hhmm	hhmm	3.5	2.7	1.2	0.4	1.96
Cape Maria van Diemen	-00h15m	-00h15m	3.6	2.9	1.1	0.4	2.0*
Hokianga Harbour	-00h35m	-00h35m	2.4	2.1	0.6	0.3	1.4*
Kohukohu	+00h33m	+00h21m	3.3	2.8	0.8	0.3	1.8*
Opononi	+00h05m	+00h02m	2.9	2.3	0.7	0.1	1.5
Rawene	+00h26m	+00h16m	3.3	2.7	1.0	0.4	1.9
Kaipara Harbour							
Dargaville	+02h28m	+03h46m	-	-	-	-	-*
Poutō Point	+00h39m	+00h35m	3.3	2.7	0.8	0.3	1.8
Shelly Beach	+00h53m	+00h50m	3.8	3.1	0.8	0.1	2.0
Te Kopuru	+01h56m	+02h36m	3.4	3.0	-	-	-*
Tinopai	+00h59m	+00h59m	3.8	2.7	0.9	0.1	1.9
Three Kings Islands							
	-01h36m	-01h33m	2.4	2.0	0.7	0.4	1.4

WEST COAST

Northland's west coast has four harbours:

- Kaipara
- Herekino
- Hokianga
- Whāngāpē

West coast and bar harbour crossing advice

- Communicate your plans to Coastguard and once completed, confirm successful crossing.
- Check the weather, tide and bar conditions.
- Ensure adequate stability and batten down.
- Life jackets must be worn and all crew must be awake.
- If in doubt - stay out.
- Refer to Maritime New Zealand's website www.maritimenz.govt.nz for more safety information.

For the location of west coast boat ramps, or advice on which harbours have bars and the best way to cross them, go to

www.nrc.govt.nz/onthewater.

Why Port Taranaki?

Tides times are calculated from standard (main) ports. The tidal information for Northland's west coast is based on the closest standard port which is Taranaki. Times and heights of tides for secondary ports can be found by applying corrections found on pages 62 and 63.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

JULY 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0328	0.7	11	0543	3.0	21	0108	3.1
Fr	0929	3.2	Mo	1203	0.8	Th	0729	0.8
	1545	0.5		1824	3.0		1333	3.0
	2156	3.4					1941	0.9
2	0410	0.5	12	0043	0.9	22	0149	3.0
Sa	1013	3.3	Tu	0650	3.0	Fr	0809	0.9
	1627	0.4		1309	0.7		1416	2.9
	2237	3.5		1930	3.1		2025	1.1
3	0453	0.4	13	0146	0.8	23	0234	2.9
Su	1057	3.3	We	0753	3.1	Sa	0854	1.0
	1709	0.4		1409	0.6		1505	2.7
	2319	3.5		2026	3.3		2117	1.2
4	0537	0.4	14	0241	0.6	24	0326	2.7
Mo	1141	3.4	Th	0848	3.2	Su	0945	1.1
	1752	0.4		1501	0.5		1603	2.7
				2115	3.4		2219	1.3
5	0002	3.5	15	0330	0.5	25	0425	2.7
Tu	0623	0.4	Fr	0938	3.2	Mo	0945	1.2
	1227	3.3		1548	0.4		1710	2.7
	1837	0.4		2159	3.5		2327	1.3
6	0049	3.5	16	0415	0.5	26	0528	2.7
We	0710	0.4	Sa	1022	3.3	Tu	1152	1.1
	1314	3.3		1630	0.4		1818	2.7
	1925	0.5		2240	3.5			
7	0138	3.4	17	0456	0.5	27	0033	1.2
Th	0800	0.5	Su	1102	3.3	We	0632	2.7
	1405	3.2		1710	0.4		1255	1.0
	2018	0.7		2318	3.4		1917	2.9
8	0233	3.2	18	0536	0.5	28	0130	1.0
Fr	0853	0.6	Mo	1140	3.2	Th	0730	2.9
	1501	3.1		1747	0.5		1351	0.9
	2116	0.8		2354	3.4		2007	3.1
9	0332	3.1	19	0614	0.6	29	0219	0.8
Sa	0952	0.7	Tu	1217	3.2	Fr	0822	3.1
	1604	3.0		1824	0.6		1439	0.7
	2222	0.9					2052	3.3
10	0435	3.0	20	0031	3.3	30	0305	0.6
Su	1055	0.8	We	0651	0.7	Sa	0909	3.2
	1713	3.0		1254	3.1		1523	0.5
	2333	0.9		1901	0.8		2134	3.5
						31	0349	0.4
						Su	0954	3.4
							1606	0.3
							2216	3.6

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

AUGUST 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0432	0.3	11	0136	0.8	21	0147	2.9
Mo	1038	3.5	Th	0746	3.0		0805	1.0
	1649	0.2		1358	0.7	Su	1415	2.8
	2258	3.7		2015	3.2		2031	1.2
2	0516	0.2	12	0229	0.7	22	0237	2.7
Tu	1121	3.6		0838	3.1		0855	1.1
	1732	0.2	Fr	1447	0.6	Mo	1513	2.7
	2342	3.7		2100	3.3		2132	1.3
3	0601	0.2	13	0314	0.6	23	0338	2.6
We	1206	3.5		0922	3.2		0957	1.2
	1817	0.3	Sa	1530	0.5	Tu	1624	2.6
				2140	3.4		2244	1.3
4	0028	3.6	14	0354	0.5	24	0448	2.6
Th	0647	0.3		1001	3.3		1110	1.2
	1252	3.5	Su	1608	0.4	We	1739	2.7
	1904	0.4		2215	3.5		2356	1.2
5	0116	3.5	15	0431	0.5	25	0600	2.7
Fr	0736	0.4		1037	3.3		1222	1.1
	1342	3.3	Mo	1644	0.4	Th	1844	2.9
	1956	0.6		2249	3.4			
6	0209	3.3	16	0506	0.5	26	0059	1.0
Sa	0829	0.6		1111	3.3		0703	2.9
	1437	3.1	Tu	1718	0.5	Fr	1322	0.9
	2055	0.8		2322	3.4		1938	3.1
7	0309	3.1	17	0540	0.5	27	0152	0.7
Su	0927	0.8		1143	3.3		0757	3.1
	1541	3.0	We	1751	0.6	Sa	1413	0.6
	2203	1.0		2354	3.3		2025	3.4
8	0416	2.9	18	0613	0.6	28	0239	0.5
Mo	1035	0.9		1216	3.2		0846	3.4
	1656	2.9	Th	1825	0.7	Su	1459	0.4
	2318	1.0					2108	3.6
9	0530	2.8	19	0028	3.2	29	0324	0.3
Tu	1148	0.9		0647	0.7		0931	3.6
	1814	2.9	Fr	1251	3.1	Mo	1543	0.2
				1901	0.8		2152	3.8
10	0033	1.0	20	0105	3.0	30	0408	0.1
We	0643	2.9		0724	0.8		1015	3.7
	1259	0.9	Sa	1329	2.9	Tu	1627	0.1
	1922	3.1		1942	1.0		2235	3.8
						31	0453	0.0
						We	1059	3.7
							1711	0.1
							2319	3.8

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

SEPTEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0538	0.1	11	0252	0.6	21	0302	2.6
Th	1143	3.7		0901	3.2		0919	1.2
	1756	0.2	Su	1507	0.5	We	1544	2.7
				2114	3.4		2208	1.2
2	0005	3.7	12	0329	0.5	22	0414	2.6
Fr	0624	0.2		0936	3.3		1032	1.2
	1230	3.6	Mo	1543	0.5	Th	1700	2.7
	1844	0.4		2147	3.4		2321	1.1
3	0055	3.5	13	0403	0.5	23	0528	2.7
Sa	0713	0.4		1009	3.4		1147	1.1
	1320	3.3	Tu	1617	0.4	Fr	1809	2.9
	1937	0.6		2219	3.4			
4	0148	3.2	14	0436	0.5	24	0025	0.9
Su	0806	0.6		1041	3.4		0633	2.9
	1416	3.1	We	1649	0.5	Sa	1251	0.8
	2037	0.8		2250	3.4		1905	3.2
5	0249	3.0	15	0507	0.5	25	0221	0.6
Mo	0906	0.9		1111	3.3		0830	3.2
	1522	2.9	Th	1720	0.6	Su	1445	0.6
	2147	1.0		2321	3.3		2055	3.4
6	0400	2.8	16	0539	0.6	26	0311	0.4
Tu	1016	1.0		1142	3.2		0920	3.4
	1641	2.8	Fr	1753	0.7	Mo	1533	0.3
	2305	1.1		2353	3.2		2141	3.6
7	0519	2.7	17	0611	0.7	27	0358	0.2
We	1134	1.0		1215	3.1		1007	3.7
	1802	2.9	Sa	1828	0.8	Tu	1619	0.1
							2227	3.8
8	0020	1.0	18	0028	3.0	28	0444	0.0
Th	0634	2.8		0647	0.8		1052	3.8
	1245	0.9	Su	1252	3.0	We	1705	0.0
	1907	3.0		1908	1.0		2312	3.8
9	0121	0.9	19	0109	2.9	29	0530	0.0
Fr	0734	2.9		0727	0.9		1137	3.8
	1342	0.8	Mo	1336	2.9	Th	1750	0.0
	1957	3.1		1956	1.1		2358	3.8
10	0210	0.7	20	0159	2.8	30	0616	0.0
Sa	0821	3.1		0816	1.1		1223	3.8
	1428	0.7	Tu	1432	2.7	Fr	1837	0.2
	2038	3.3		2057	1.2			

Tide times listed are NZ standard time

NZ daylight saving time starts at 0200 on Sunday 25 September 2011.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

OCTOBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0045	3.6	11	0400	0.6	21	0444	2.7
	0703	0.2		1009	3.3		1059	1.1
Sa	1310	3.6	Tu	1616	0.6	Fr	1723	2.8
	1927	0.4		2217	3.3		2346	1.0
2	0136	3.4	12	0434	0.5	22	0554	2.8
	0752	0.4		1042	3.3		1211	1.0
Su	1400	3.4	We	1650	0.5	Sa	1831	3.0
	2020	0.6		2249	3.3			
3	0230	3.2	13	0506	0.5	23	0050	0.8
	0845	0.7		1113	3.4		0701	3.0
Mo	1457	3.1	Th	1722	0.5	Su	1317	0.8
	2120	0.8		2321	3.3		1931	3.2
4	0332	2.9	14	0538	0.5	24	0149	0.6
	0945	0.9		1144	3.3		0800	3.2
Tu	1603	2.9	Fr	1754	0.6	Mo	1416	0.6
	2229	1.0		2353	3.3		2025	3.4
5	0442	2.8	15	0610	0.6	25	0242	0.4
	1054	1.1		1216	3.3		0854	3.4
We	1720	2.8	Sa	1828	0.7	Tu	1508	0.4
	2344	1.1					2115	3.6
6	0558	2.7	16	0026	3.2	26	0333	0.2
	1210	1.1		0644	0.6		0943	3.6
Th	1836	2.8	Su	1249	3.2	We	1557	0.2
				1904	0.8		2204	3.7
7	0055	1.0	17	0103	3.1	27	0421	0.1
	0710	2.8		0720	0.8		1031	3.8
Fr	1320	1.0	Mo	1326	3.1	Th	1645	0.1
	1939	2.9		1945	0.9		2252	3.7
8	0154	0.9	18	0145	2.9	28	0509	0.0
	0808	2.9		0801	0.9		1118	3.8
Sa	1416	0.9	Tu	1409	3.0	Fr	1733	0.1
	2028	3.1		2033	1.0		2340	3.7
9	0242	0.8	19	0235	2.8	29	0557	0.1
	0855	3.0		0850	1.0		1205	3.7
Su	1501	0.7	We	1504	2.9	Sa	1822	0.2
	2108	3.2		2132	1.1			
10	0323	0.7	20	0335	2.7	30	0029	3.5
	0934	3.2		0949	1.1		0645	0.2
Mo	1540	0.6	Th	1611	2.8	Su	1253	3.6
	2144	3.3		2238	1.1		1912	0.4
						31	0120	3.3
							0734	0.4
							1343	3.4
							2005	0.6

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

NOVEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0214	3.1	11	0440	0.6	21	0015	0.8
	0825	0.7		1050	3.3		0627	3.0
Tu	1438	3.2	Fr	1659	0.6	Mo	1244	0.8
	2102	0.8		2258	3.2		1857	3.2
2	0312	2.9	12	0515	0.5	22	0117	0.6
	0921	0.9		1123	3.3		0731	3.2
We	1538	3.0	Sa	1734	0.6	Tu	1348	0.7
	2203	1.0		2333	3.2		1956	3.3
3	0414	2.8	13	0549	0.6	23	0216	0.5
	1023	1.0		1156	3.3		0830	3.4
Th	1645	2.9	Su	1810	0.7	We	1446	0.5
	2309	1.0					2052	3.4
4	0522	2.7	14	0009	3.2	24	0311	0.3
	1132	1.1		0624	0.6		0924	3.5
Fr	1753	2.8	Mo	1231	3.3	Th	1539	0.3
				1848	0.7		2145	3.5
5	0014	1.0	15	0047	3.1	25	0403	0.2
	0629	2.7		0702	0.7		1016	3.7
Sa	1240	1.1	Tu	1309	3.2	Fr	1631	0.2
	1855	2.9		1930	0.8		2237	3.6
6	0114	1.0	16	0130	3.0	26	0454	0.1
	0730	2.8		0743	0.8		1104	3.7
Su	1339	1.0	We	1353	3.1	Sa	1720	0.2
	1947	2.9		2017	0.8		2327	3.6
7	0205	0.9	17	0218	2.9	27	0542	0.2
	0820	2.9		0830	0.9		1152	3.7
Mo	1428	0.9	Th	1444	3.0	Su	1809	0.3
	2031	3.0		2110	0.9			
8	0249	0.8	18	0313	2.9	28	0017	3.5
	0902	3.1		0925	0.9		0629	0.3
Tu	1510	0.8	Fr	1543	3.0	Mo	1239	3.6
	2111	3.1		2209	0.9		1858	0.4
9	0329	0.7	19	0415	2.9	29	0106	3.3
	0940	3.2		1028	1.0		0716	0.4
We	1549	0.7	Sa	1648	3.0	Tu	1326	3.4
	2148	3.2		2311	0.9		1947	0.6
10	0406	0.6	20	0520	2.9	30	0155	3.2
	1016	3.3		1136	0.9		0803	0.6
Th	1624	0.6	Su	1754	3.0	We	1415	3.3
	2223	3.2					2037	0.7

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

DECEMBER 2011

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0245	3.0	11	0455	0.6	21	0048	0.7
	0852	0.8		1105	3.3		0705	3.1
Th	1506	3.1	Su	1717	0.6	We	1325	0.8
	2129	0.9		2317	3.2		1933	3.1
2	0337	2.9	12	0532	0.5	22	0154	0.6
	0945	1.0		1141	3.4		0812	3.2
Fr	1601	2.9	Mo	1755	0.6	Th	1429	0.7
	2224	1.0		2356	3.2		2036	3.2
3	0434	2.8	13	0609	0.5	23	0255	0.5
	1043	1.1		1217	3.4		0912	3.4
Sa	1659	2.8	Tu	1835	0.6	Fr	1527	0.5
	2321	1.0					2134	3.3
4	0535	2.7	14	0036	3.2	24	0351	0.4
	1147	1.2		0647	0.5		1005	3.5
Su	1758	2.8	We	1256	3.4	Sa	1620	0.4
				1916	0.6		2228	3.4
5	0020	1.1	15	0117	3.2	25	0442	0.3
	0637	2.7		0728	0.6		1054	3.6
Mo	1250	1.1	Th	1338	3.3	Su	1710	0.3
	1856	2.8		2001	0.6		2318	3.4
6	0118	1.0	16	0202	3.1	26	0529	0.2
	0736	2.8		0813	0.7		1140	3.6
Tu	1348	1.1	Fr	1425	3.2	Mo	1757	0.3
	1948	2.9		2049	0.7			
7	0210	0.9	17	0252	3.1	27	0004	3.4
	0828	2.9		0903	0.8		0613	0.3
We	1438	1.0	Sa	1518	3.2	Tu	1224	3.6
	2036	2.9		2142	0.7		1842	0.4
8	0257	0.8	18	0347	3.0	28	0049	3.3
	0912	3.0		1000	0.9		0656	0.4
Th	1521	0.9	Su	1617	3.1	We	1306	3.5
	2120	3.0		2240	0.8		1925	0.5
9	0339	0.7	19	0448	3.0	29	0131	3.2
	0952	3.2		1105	0.9		0738	0.5
Fr	1602	0.8	Mo	1720	3.1	Th	1347	3.3
	2200	3.1		2342	0.8		2008	0.6
10	0418	0.7	20	0556	3.0	30	0213	3.1
	1029	3.2		1215	0.9		0820	0.7
Sa	1640	0.7	Tu	1827	3.1	Fr	1430	3.2
	2239	3.1					2051	0.8
						31	0256	3.0
							0904	0.9
							1514	3.0
							2136	0.9

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

JANUARY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0343	2.8	11	0552	0.4	21	0245	0.7
	0953	1.1		1201	3.5		0904	3.2
Su	1603	2.9	We	1818	0.4	Sa	1519	0.6
	2225	1.0					2128	3.2
2	0436	2.7	12	0021	3.4	22	0341	0.5
	1048	1.2		0631	0.4		0956	3.4
Mo	1658	2.8	Th	1240	3.5	Su	1611	0.5
	2320	1.1		1858	0.4		2220	3.3
3	0537	2.7	13	0101	3.4	23	0430	0.4
	1152	1.3		0711	0.4		1043	3.5
Tu	1757	2.7	Fr	1321	3.5	Mo	1657	0.4
				1941	0.4		2306	3.4
4	0021	1.1	14	0144	3.3	24	0514	0.3
	0644	2.7		0755	0.5		1125	3.6
We	1300	1.2	Sa	1405	3.4	Tu	1740	0.3
	1859	2.7		2027	0.5		2348	3.4
5	0125	1.1	15	0230	3.3	25	0555	0.3
	0748	2.8		0842	0.6		1204	3.6
Th	1401	1.2	Su	1454	3.3	We	1820	0.4
	1959	2.8		2117	0.6			
6	0223	1.0	16	0321	3.1	26	0026	3.4
	0843	2.9		0937	0.8		0633	0.4
Fr	1453	1.0	Mo	1550	3.1	Th	1241	3.5
	2052	2.9		2212	0.7		1858	0.4
7	0313	0.9	17	0421	3.0	27	0103	3.3
	0929	3.0		1039	0.9		0710	0.5
Sa	1539	0.9	Tu	1653	3.0	Fr	1316	3.4
	2139	3.0		2315	0.8		1935	0.5
8	0356	0.7	18	0530	2.9	28	0139	3.2
	1009	3.2		1152	1.0		0747	0.6
Su	1620	0.7	We	1803	2.9	Sa	1352	3.2
	2222	3.1					2012	0.7
9	0436	0.6	19	0025	0.9	29	0215	3.1
	1047	3.3		0646	3.0		0824	0.8
Mo	1659	0.6	Th	1308	0.9	Su	1430	3.1
	2302	3.2		1917	3.0		2050	0.8
10	0514	0.5	20	0138	0.8	30	0255	2.9
	1123	3.5		0801	3.1		0906	1.0
Tu	1738	0.5	Fr	1418	0.8	Mo	1513	2.9
	2341	3.3		2027	3.0		2132	1.0
						31	0341	2.8
							0955	1.2
							1602	2.7
							2222	1.1

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

FEBRUARY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0438	2.7	11	0042	3.6	21	0414	0.5
	1055	1.3		0652	0.2		1026	3.4
We	1701	2.6	Sa	1301	3.6	Tu	1639	0.4
	2322	1.2		1920	0.2		2249	3.3
2	0548	2.6	12	0124	3.5	22	0455	0.4
	1207	1.3		0736	0.3		1103	3.5
Th	1809	2.6	Su	1346	3.5	We	1718	0.4
				2006	0.3		2326	3.4
3	0034	1.2	13	0210	3.4	23	0532	0.4
	0703	2.6		0824	0.5		1139	3.5
Fr	1320	1.3	Mo	1435	3.3	Th	1755	0.4
	1919	2.6		2055	0.5			
4	0145	1.1	14	0300	3.2	24	0000	3.4
	0809	2.8		0918	0.7		0607	0.4
Sa	1421	1.1	Tu	1530	3.1	Fr	1212	3.5
	2022	2.8		2150	0.7		1829	0.4
5	0243	1.0	15	0400	3.0	25	0033	3.4
	0900	3.0		1021	0.9		0641	0.5
Su	1511	0.9	We	1634	2.9	Sa	1244	3.4
	2115	2.9		2254	0.9		1902	0.5
6	0330	0.8	16	0511	2.9	26	0106	3.3
	0943	3.2		1136	1.0		0715	0.6
Mo	1555	0.7	Th	1748	2.8	Su	1317	3.2
	2159	3.1					1835	0.6
7	0412	0.6	17	0008	1.0	27	0139	3.1
	1022	3.4		0634	2.9		0749	0.8
Tu	1635	0.5	Fr	1256	1.0	Mo	1362	3.1
	2241	3.3		1909	2.8		2010	0.8
8	0452	0.4	18	0127	0.9	28	0215	3.0
	1101	3.6		0752	3.0		0827	0.9
We	1716	0.3	Sa	1409	0.9	Tu	1431	2.9
	2321	3.5		2021	2.9		2049	0.9
9	0531	0.3	19	0234	0.8	29	0257	2.8
	1139	3.7		0854	3.2		0912	1.1
Th	1756	0.2	Su	1507	0.7	We	1517	2.8
				2120	3.1		2134	1.1
10	0001	3.6	20	0328	0.6			
	0611	0.2		0943	3.3			
Fr	1219	3.7	Mo	1556	0.6			
	1837	0.2		2207	3.2			

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

MARCH 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0349	2.7	11	0021	3.7	21	0352	0.6
	1009	1.3		0633	0.1		1001	3.3
Th	1614	2.6	Su	1241	3.7	We	1615	0.5
	2232	1.2		1900	0.1		2225	3.3
2	0457	2.6	12	0105	3.6	22	0431	0.5
	1119	1.3		0719	0.3		1037	3.4
Fr	1723	2.6	Mo	1328	3.5	Th	1652	0.5
	2344	1.3		1946	0.3		2300	3.4
3	0615	2.6	13	0152	3.5	23	0506	0.5
	1234	1.3		0809	0.5		1110	3.4
Sa	1838	2.6	Tu	1419	3.3	Fr	1726	0.4
				2036	0.5		2332	3.4
4	0101	1.2	14	0244	3.2	24	0540	0.5
	0726	2.8		0905	0.7		1142	3.4
Su	1342	1.1	We	1516	3.1	Sa	1759	0.5
	1947	2.7		2132	0.7	
5	0206	1.0	15	0345	3.0	25	0004	3.3
	0823	3.0		1009	0.9		0613	0.5
Mo	1436	0.9	Th	1622	2.9	Su	1214	3.3
	2043	3.0		2238	0.9		1831	0.5
6	0258	0.8	16	0459	2.9	26	0035	3.3
	0910	3.2		1124	1.0		0646	0.6
Tu	1523	0.6	Fr	1738	2.8	Mo	1246	3.2
	2130	3.2		2353	1.0		1903	0.6
7	0343	0.5	17	0621	2.9	27	0108	3.2
	0952	3.4		1243	1.0		0720	0.8
We	1607	0.4	Sa	1858	2.8	Tu	1320	3.1
	2214	3.4					1937	0.8
8	0425	0.3	18	0111	2.9	28	0143	3.1
	1033	3.6		0736	1.0		0758	0.9
Th	1649	0.2	Su	1352	0.9	We	1359	2.9
	2256	3.6		2007	2.9		2015	0.9
9	0507	0.2	19	0217	0.9	29	0223	2.9
	1115	3.7		0834	3.1		0842	1.1
Fr	1732	0.1	Mo	1448	0.8	Th	1444	2.8
	2338	3.7		2102	3.0		2059	1.1
10	0550	0.1	20	0309	0.7	30	0313	2.8
	1157	3.8		0921	3.2		0937	1.2
Sa	1815	0.1	Tu	1534	0.6	Fr	1540	2.7
				2146	3.2		2154	1.2
			31				0417	2.7
							1041	1.2
							1646	2.6
							2302	1.2

Tide times listed are corrected for NZ daylight savings time.

Tide times listed are corrected for NZ daylight savings time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

APRIL 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0429	2.7	11	0038	3.5	21	0339	0.6
Su	1051	1.2	We	0657	0.5	Sa	0940	3.3
	1658	2.6		1307	3.3		1557	0.5
	2315	1.2		1921	0.5		2205	3.3
2	0539	2.8	12	0132	3.3	22	0414	0.6
Mo	1157	1.0	Th	0754	0.7	Su	1013	3.2
	1806	2.8		1405	3.1		1630	0.5
				2018	0.7		2237	3.3
3	0023	1.0	13	0233	3.1	23	0448	0.6
Tu	0639	3.0	Fr	0857	0.9	Mo	1046	3.2
	1256	0.8		1510	2.9		1704	0.6
	1905	3.0		2121	0.9		2310	3.3
4	0121	0.8	14	0343	2.9	24	0522	0.7
We	0731	3.2	Sa	1007	1.0	Tu	1121	3.1
	1347	0.6		1621	2.8		1737	0.7
	1957	3.2		2232	1.0		2343	3.2
5	0211	0.5	15	0457	2.9	25	0558	0.8
Th	0818	3.4	Su	1119	1.0	We	1157	3.0
	1435	0.4		1735	2.8		1812	0.8
	2044	3.5		2345	1.0			
6	0257	0.3	16	0606	2.9	26	0019	3.1
Fr	0904	3.6	Mo	1224	0.9	Th	0637	0.9
	1521	0.2		1840	2.9		1237	2.9
	2130	3.7					1851	0.9
7	0343	0.2	17	0049	0.9	27	0100	3.0
Sa	0950	3.7	Tu	0703	3.0	Fr	0722	1.0
	1607	0.1		1318	0.8		1322	2.8
	2215	3.7		1933	3.0		1935	1.0
8	0429	0.1	18	0140	0.8	28	0148	2.9
Su	1036	3.7	We	0749	3.1	Sa	0813	1.0
	1654	0.1		1404	0.7		1415	2.8
	2301	3.8		2018	3.1		2027	1.1
9	0516	0.1	19	0224	0.7	29	0245	2.8
Mo	1124	3.7	Th	0829	3.2	Su	0911	1.1
	1741	0.1		1445	0.6		1515	2.7
	2348	3.7		2056	3.2		2128	1.1
10	0605	0.3	20	0303	0.6	30	0350	2.8
Tu	1214	3.5	Fr	0905	3.2	Mo	1013	1.0
	1830	0.3		1522	0.6		1620	2.8
				2131	3.3		2235	1.1

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

MAY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0455	2.9	11	0119	3.3	21	0350	0.7
Tu	1115	0.9	Fr	0740	0.6	Mo	0948	3.1
	1725	2.9		1351	3.1		1605	0.6
	2341	1.0		2000	0.7		2214	3.3
2	0556	3.0	12	0216	3.1	22	0426	0.7
We	1215	0.8	Sa	0839	0.8	Tu	1024	3.1
	1826	3.0		1450	2.9		1641	0.6
				2058	0.9		2249	3.3
3	0043	0.8	13	0318	3.0	23	0502	0.7
Th	0652	3.2	Su	0940	0.9	We	1101	3.1
	1311	0.6		1553	2.8		1716	0.7
	1923	3.3		2201	1.0		2324	3.2
4	0139	0.6	14	0422	2.9	24	0540	0.7
Fr	0745	3.4	Mo	1043	1.0	Th	1140	3.1
	1404	0.4		1657	2.8		1752	0.7
	2016	3.5		2307	1.1	
5	0231	0.4	15	0524	2.9	25	0001	3.2
Sa	0837	3.5	Tu	1143	1.0	Fr	0620	0.8
	1456	0.2		1800	2.8		1220	3.0
	2106	3.6					1831	0.8
6	0321	0.2	16	0010	1.0	26	0041	3.1
Su	0927	3.6	We	0620	2.9	Sa	0703	0.8
	1546	0.1		1239	0.9		1304	3.0
	2155	3.7		1855	2.9		1914	0.8
7	0411	0.2	17	0105	1.0	27	0126	3.1
Mo	1018	3.6	Th	0709	3.0	Su	0751	0.9
	1635	0.1		1328	0.8		1352	2.9
	2244	3.7		1943	3.0		2002	0.9
8	0501	0.2	18	0152	0.9	28	0218	3.0
Tu	1109	3.6	Fr	0753	3.0	Mo	0842	0.9
	1724	0.2		1412	0.8		1446	2.9
	2334	3.7		2025	3.1		2058	1.0
9	0552	0.3	19	0234	0.8	29	0315	3.0
We	1201	3.4	Sa	0833	3.1	Tu	0938	0.9
	1814	0.3		1452	0.7		1545	2.9
				2103	3.2		2159	1.0
10	0025	0.5	20	0313	0.7	30	0416	3.0
Th	0645	3.5	Su	0911	3.1	We	1038	0.8
	1255	3.3		1529	0.6		1648	2.9
	1906	0.5		2139	3.2		2305	0.9
						31	0518	3.1
						Th	1139	0.7
							1752	3.1

NZ daylight saving time ends at 0300 local time on Sunday 1 April 2012.

Tide times listed are NZ standard time.

Tide times listed are NZ standard time.

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

JUNE 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0010	0.8	11	0243	3.1	21	0443	0.7
Fr	0619	3.2	Mo	0904	0.8	Th	1044	3.1
	1239	0.6		1514	2.9		1656	0.6
	1854	3.2		2122	1.0		2305	3.3
2	0111	0.6	12	0337	2.9	22	0521	0.6
Sa	0717	3.3	Tu	0958	0.9	Fr	1123	3.2
	1338	0.4		1610	2.8		1733	0.6
	1952	3.4		2221	1.1		2342	3.3
3	0209	0.5	13	0433	2.9	23	0601	0.6
Su	0815	3.4	We	1054	1.0	Sa	1202	3.2
	1434	0.3		1710	2.8		1812	0.6
	2047	3.6		2323	1.1			
4	0304	0.3	14	0530	2.8	24	0021	3.3
Mo	0910	3.5	Th	1152	1.0	Su	0642	0.6
	1528	0.2		1810	2.8		1244	3.1
	2140	3.7					1853	0.7
5	0356	0.3	15	0023	1.1	25	0104	3.2
Tu	1004	3.5	Fr	0624	2.8	Mo	0727	0.7
	1619	0.2		1247	1.0		1329	3.1
	2230	3.7		1905	2.9		1939	0.7
6	0448	0.3	16	0117	1.0	26	0151	3.2
We	1056	3.5	Sa	0715	2.9	Tu	0815	0.7
	1709	0.2		1337	0.9		1418	3.0
	2320	3.6		1954	3.0		2030	0.8
7	0539	0.3	17	0204	0.9	27	0245	3.1
Th	1148	3.4	Su	0802	2.9	We	0908	0.7
	1758	0.3		1423	0.8		1514	3.0
				2037	3.1		2129	0.9
8	0009	3.5	18	0247	0.9	28	0344	3.1
Fr	0629	0.4	Mo	0846	3.0	Th	1006	0.8
	1238	3.3		1504	0.7		1616	3.0
	1846	0.5		2116	3.2		2235	0.9
9	0059	3.4	19	0327	0.8	29	0447	3.1
Sa	0720	0.6	Tu	0926	3.1	Fr	1109	0.7
	1329	3.1		1543	0.7		1724	3.0
	1936	0.6		2153	3.2		2344	0.9
10	0150	3.2	20	0406	0.7	30	0553	3.1
Su	0811	0.7	We	1006	3.1	Sa	1215	0.7
	1420	3.0		1620	0.6		1832	3.1
	2027	0.8		2229	3.3			

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

WEST COAST - PORT TARANAKI

Lat. 39° 03' S Long. 174° 02' E

JULY 2012

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m
1	0051	0.7	11	0249	2.9	21	0459	0.5
Su	0658	3.2	We	0909	0.9	Sa	1102	3.3
	1320	0.6		1519	2.8		1711	0.4
	1936	3.3		2132	1.1		2320	3.5
2	0154	0.6	12	0341	2.8	22	0538	0.4
Mo	0801	3.3	Th	1002	1.0	Su	1140	3.3
	1420	0.4		1617	2.7		1750	0.4
	2034	3.5		2232	1.2		2358	3.5
3	0251	0.4	13	0438	2.7	23	0619	0.4
Tu	0859	3.4	Fr	1100	1.1	Mo	1221	3.3
	1514	0.3		1721	2.7		1831	0.5
	2127	3.6		2337	1.2			
4	0344	0.3	14	0538	2.7	24	0040	3.4
We	0952	3.5	Sa	1203	1.1	Tu	0702	0.5
	1605	0.2		1826	2.8		1304	3.3
	2217	3.7					1916	0.6
5	0434	0.3	15	0040	1.2	25	0126	3.3
Th	1043	3.5	Su	0638	2.7	We	0749	0.6
	1653	0.2		1303	1.0		1352	3.2
	2304	3.6		1923	2.9		2007	0.7
6	0521	0.3	16	0135	1.1	26	0219	3.2
Fr	1130	3.4	Mo	0733	2.8	Th	0841	0.7
	1738	0.3		1355	0.9		1447	3.1
	2349	3.6		2011	3.0		2105	0.8
7	0607	0.4	17	0222	0.9	27	0318	3.1
Sa	1215	3.3	Tu	0822	2.9	Fr	0940	0.8
	1822	0.4		1440	0.8		1552	3.0
				2053	3.1		2213	0.9
8	0033	3.4	18	0304	0.8	28	0425	3.0
Su	0652	0.5	We	0905	3.0	Sa	1046	0.8
	1259	3.2		1520	0.7		1704	3.0
	1906	0.6		2131	3.3		2327	0.9
9	0116	3.3	19	0343	0.7	29	0537	3.0
Mo	0737	0.6	Th	0945	3.2	Su	1158	0.8
	1343	3.1		1558	0.6		1819	3.1
	1951	0.8		2207	3.4			
10	0201	3.1	20	0421	0.5	30	0040	0.8
Tu	0822	0.8	Fr	1024	3.3	Mo	0648	3.0
	1429	2.9		1634	0.5		1308	0.7
	2038	1.0		2243	3.4		1927	3.2
						31	0144	0.7
						Tu	0753	3.2
							1409	0.5
							2025	3.4

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