

AUCKLAND

1 Thu 12:22 00:42 0.6 07:05 3.2 13:08 0.4 19:34 3.4	9 Fri 19:29 01:42 3.2 07:50 0.7 14:18 3.1 20:20 0.8	17 Sat 13:35 02:16 0.8 08:37 3.0 14:31 0.7 20:59 3.1	25 Sun 19:35 01:44 2.8 07:51 0.9 14:15 2.8 20:22 1.0
2 Fri 00:52 01:36 0.5 08:00 3.4 13:59 0.3 20:26 3.6	10 Sat 07:55 02:38 3.1 08:49 0.8 15:19 3.0 21:21 0.9	18 Sun 14:17 02:56 0.8 09:15 3.0 15:08 0.7 21:37 3.1	26 Mon 08:03 02:40 2.8 08:50 0.9 15:18 2.8 21:25 1.0
3 Sat 01:52 02:29 0.4 14:50 0.2 21:17 3.6	11 Sun 08:46 03:36 3.0 09:49 0.8 16:19 3.0 22:20 0.9	19 Mon 14:53 03:34 0.7 09:52 3.0 15:44 0.7 22:14 3.1	27 Tue 09:01 03:41 2.9 09:53 0.8 16:22 3.0 22:26 0.9
4 Sun 02:48 03:22 0.3 09:45 3.5 15:40 0.2 22:09 3.6	12 Mon 09:38 04:34 2.9 10:47 0.8 17:16 3.0 23:14 0.9	20 Tue 15:40 04:12 0.7 10:28 3.0 16:21 0.8 22:51 3.0	28 Wed 10:02 04:45 3.0 10:55 0.7 17:22 3.1 23:25 0.7
5 Mon 03:42 04:14 0.3 10:37 3.5 16:32 0.3 23:01 3.6	13 Tue 10:29 05:30 2.9 11:41 0.8 18:08 3.0	21 Wed 16:22 04:50 0.8 11:05 3.0 17:00 0.8 23:30 3.0	29 Thu 11:03 05:47 3.1 11:53 0.5 18:19 3.3
6 Tue 04:33 05:07 0.4 11:29 3.4 17:25 0.4 23:53 3.5	14 Wed 11:18 00:05 0.9 06:23 2.9 12:30 0.8 18:55 3.1	22 Thu 04:43 05:30 0.8 11:44 2.9 17:42 0.9	30 Fri 12:02 00:22 0.6 06:46 3.3 12:48 0.3 19:13 3.5
7 Wed 05:24 06:00 0.4 12:23 3.3 18:20 0.6	15 Thu 12:06 00:51 0.8 07:12 2.9 13:14 0.7 19:39 3.1	23 Fri 05:28 00:11 2.9 06:12 0.8 12:28 2.8 18:29 1.0	31 Sat 00:31 01:17 0.4 07:42 3.4 13:40 0.2 20:05 3.6
8 Thu 06:13 00:47 3.3 06:54 0.6 13:19 3.2 19:19 0.7	16 Fri 00:29 01:35 0.8 07:56 3.0 13:54 0.7 20:20 3.1	24 Sat 18:41 00:55 2.9 06:58 0.9 13:18 2.8 19:22 1.0	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Maraetai	-00:15	-00:15	Murrays Bay	-00:11	-00:00
Onetanga Bay	+00:04	-00:07	Tiritiri Matangi Island	-00:13	-00:01
Coromandel Harb	-00:21	-00:15	Wetiti River Entrance	+00:01	+00:07
Thames (Rocky Pt)	-00:17	-00:12	Mansion House Bay	-00:10	-00:00
Mahurangi Harb	+00:02	+00:12	Man O' War Bay	-00:16	-00:05
Mangahai Hds	+00:05	+00:05	Matiatia Bay	-00:12	-00:03
Matakana River	+00:05	+00:05			

TAURANGA

1 Thu 12:16 00:34 0.3 06:47 1.9 12:56 0.2 19:22 2.0	9 Fri 06:58 01:32 1.9 07:42 0.3 14:09 1.8 20:09 0.4	17 Sat 01:08 02:13 0.4 08:22 1.7 14:25 0.3 20:48 1.8	25 Sun 07:02 01:30 1.7 07:44 0.4 14:05 1.7 20:12 0.5
2 Fri 00:47 01:36 0.5 07:43 1.9 13:49 0.1 20:15 2.0	10 Sat 07:49 02:27 1.8 08:38 0.3 15:08 1.8 21:08 0.4	18 Sun 01:51 02:54 0.4 09:02 1.7 15:04 0.4 21:26 1.8	26 Mon 07:57 02:24 1.7 08:40 0.4 15:05 1.7 21:11 0.5
3 Sat 01:46 02:23 0.2 14:41 0.1 21:07 2.1	11 Sun 08:40 03:23 1.7 09:36 0.4 16:06 1.8 22:07 0.5	19 Mon 02:32 03:32 0.4 15:42 0.4 22:04 1.8	27 Tue 08:55 03:23 1.7 09:39 0.4 16:06 1.7 22:13 0.4
4 Sun 02:42 03:16 0.1 10:55 0.7 15:33 0.1 21:59 2.1	12 Mon 09:32 04:19 1.7 10:32 0.4 17:01 1.8 23:04 0.5	20 Tue 03:13 04:10 0.4 10:20 1.7 16:20 0.4 22:42 1.8	28 Wed 09:56 04:25 1.7 10:39 0.3 17:06 1.8 23:13 0.4
5 Mon 03:36 04:08 0.1 10:25 0.1 16:26 2.0 22:52 2.1	13 Tue 10:23 05:14 1.7 11:26 0.4 17:53 1.8 23:56 0.5	21 Wed 03:55 04:48 0.4 10:58 1.7 17:00 0.4 23:20 1.7	29 Thu 10:57 05:27 1.8 11:39 1.7 18:04 1.9
6 Tue 04:27 05:00 0.1 11:19 2.0 17:19 0.2 23:44 2.0	14 Wed 11:12 06:06 1.7 12:16 0.4 18:40 1.8	22 Thu 04:38 05:07 0.4 11:39 1.7 23:59 1.7	30 Fri 11:57 00:12 0.3 06:27 1.9 12:34 0.1 18:59 2.0
7 Wed 05:18 05:53 0.2 12:14 1.9 18:14 0.2	15 Thu 12:00 00:45 0.4 06:54 1.7 13:02 0.4 19:25 1.8	23 Fri 05:22 06:09 0.4 12:22 1.7 18:26 0.5	31 Sat 00:26 01:08 0.2 13:29 0.1 19:53 2.1
8 Thu 06:08 00:37 2.0 06:47 0.2 13:11 1.9 19:10 0.3	16 Fri 00:23 01:31 0.4 07:39 1.7 13:45 0.3 20:07 1.8	24 Sat 06:10 00:42 1.7 06:54 0.4 13:11 1.6 19:16 0.5	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Haurere Point	-00:25	-00:30	Tapuaeatahi Bay	-00:29	-00:20
Maketu Est Entrance	-00:40	-00:40	Whangamata	-00:10	-00:10
Moutohora/Whale Is.	-00:29	-00:24	Whitianga	-00:05	-00:10
Opotiki Wharf	-00:24	-00:07	Omaio Bay	-00:33	-00:27
Papamoa Beach	-00:40	-00:40	East Cape	-00:45	-00:41
Port Ohope Wharf	+00:21	+00:00	Hicks Bay	-00:45	-00:31
Te Kaha	-00:30	-00:40	Tolaga Bay	-01:04	-01:10
Wahi Beach	-00:15	-00:15	Waipiro Bay	-00:52	-00:58
Whakaari/White Island	-00:23	-00:17	Bowentown	-00:05	-00:05
Whakatane	-00:23	-00:05	Katikati	+00:30	+00:30
Pauanui	-00:04	-00:02	Omokoroa	+00:47	+00:49
Slipper Island(Whakahau)	-00:38	-00:10	Town Wharf	+00:20	+00:20
Tairua	-00:03	-00:03			

TARANAKI

1 Thu 12:25 03:31 0.4 09:36 3.5 15:52 0.3 22:04 3.7	9 Fri 07:07 04:11 3.0 10:27 0.9 16:46 2.9 22:06 1.1	17 Sat 11:17 04:48 0.6 10:53 3.3 17:00 0.5 23:05 3.4	25 Sun 07:10 04:06 2.8 10:28 1.1 16:51 2.8 23:11 1.2
2 Fri 00:55 04:20 0.2 10:27 3.6 16:40 0.2 22:52 3.8	10 Sat 07:58 05:17 2.9 10:41 1.0 17:58 2.9	18 Sun 14:20 05:22 0.6 11:26 3.3 17:33 0.6 23:37 3.4	26 Mon 08:06 05:16 2.8 10:56 1.0 18:05 2.9
3 Sat 01:55 05:09 0.2 11:16 3.6 17:27 0.1 23:40 3.8	11 Sun 08:49 00:16 1.1 06:25 2.9 12:42 1.0 19:04 2.9	19 Mon 15:02 05:55 0.6 11:58 3.2 18:06 0.6	27 Tue 09:04 00:23 1.0 06:26 2.9 12:50 0.9 19:10 3.1
4 Sun 02:51 05:58 0.2 12:05 3.6 18:15 0.2	12 Mon 09:41 01:19 1.0 07:26 2.9 13:41 0.9 19:59 3.1	20 Tue 13:22 00:10 3.3 06:29 0.7 12:32 3.1 18:40 0.8	28 Wed 10:05 01:26 0.8 07:31 3.1 13:51 0.6 20:07 3.4
5 Mon 03:45 00:29 3.7 06:47 0.3 12:55 3.5 19:04 0.4	13 Tue 10:32 02:12 0.9 08:19 3.0 14:30 0.8 20:44 3.2	21 Wed 16:25 00:45 3.2 07:05 0.8 13:08 3.0 19:17 0.9	29 Thu 11:06 02:22 0.5 08:29 3.4 14:45 0.4 20:58 3.6
6 Tue 04:36 01:19 3.5 07:38 0.4 13:45 3.3 19:56 0.6	14 Wed 11:21 02:57 0.8 09:03 3.1 15:13 0.7 21:23 3.3	22 Thu 04:46 01:24 3.1 07:44 0.9 13:49 2.9 20:01 1.0	30 Fri 12:06 03:13 0.3 09:21 3.6 15:34 0.2 21:46 3.8
7 Wed 05:27 02:12 3.3 08:30 0.6 14:39 3.2 20:52 0.8	15 Thu 12:09 03:37 0.7 09:43 3.2 15:51 0.6 21:59 3.4	23 Fri 05:31 02:09 2.9 08:29 1.0 14:38 2.8 20:54 1.1	31 Sat 00:35 01:02 0.1 10:10 3.7 16:22 0.1 22:32 3.9
8 Thu 06:17 03:09 3.1 09:26 0.8 15:39 3.0 21:55 1.0	16 Fri 00:32 04:13 0.6 10:19 3.2 16:26 0.6 22:32 3.4	24 Sat 06:19 03:03 2.8 09:23 1.1 15:39 2.8 21:58 1.2	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Ahipara	-00:15	-00:15	Rawene	+00:27	+00:27
Actea Harbour	-00:04	-00:04	Dargaville	+02:28	+03:46
Cape Maria Van D'n	-00:35	-00:35	Helensville	+02:22	+02:49
Karehana Bay	-00:07	-00:18	Island Point	+00:46	+00:46
Kawhia	+00:24	+00:01	Pouito Point	+00:43	+00:38
Makara Beach	-00:40	-00:40	Shelly Beach	+00:53	+00:50
Manawatu Riv Entrance	-00:20	-00:20	Te Kopuru	+01:56	+02:36
Otaki River Entrance	-00:20	-00:20	Tikiniu	+01:38	+01:55
Paraparaumu Beach	-00:20	-00:20	Tinopai	+00:59	+00:59
Porirua Harbour	+00:03	-00:11	Whakapirau	+01:25	+01:07
Raglan	+00:29	+00:14	Waiorua Bay	+00:04	+00:01
Waikanae Riv Entrance	+00:00	-00:04	Great Island	-01:36	-01:33
Waikato River Entrance	-00:04	-00:04	Waitara River Entrance	+00:00	+00:00
Waitarete Beach	-00:20	-00:20	Opanake Bay	-00:05	-00:05
Kohukohu	+00:36	+00:33	Patea	+00:34	+01:00
Opononi	+00:07	+00:10	Whanganui River Ent	+00:05	+00:14

MARSDEN POINT

1 Thu 12:23 01:00 0.6 07:12 2.6 13:23 0.4 19:46 2.8	9 Fri 07:05 01:50 2.6 08:07 0.6 14:29 2.5 20:34 0.8	17 Sat 01:15 02:36 0.7 08:43 2.4 14:47 0.6 20:47 2.6	25 Sun 07:08 01:52 2.3 08:07 0.8 14:29 2.3 20:36 0.9
2 Fri 00:54 01:55 0.5 08:07 2.7 14:15 0.3 20:37 2.9	10 Sat 07:56 02:46 2.5 09:04 0.7 15:30 2.5 21:35 0.8	18 Sun 01:58 03:15 0.7 09:21 2.4 15:24 0.6 21:43 2.6	26 Mon 08:04 02:48 2.3 09:05 0.8 15:30 2.3 21:39 0.9
3 Sat 01:53 02:48 0.4 09:00 2.8 15:06 0.3 21:28 2.9	11 Sun 08:47 03:45 2.4 10:02 0.7 16:31 2.4 22:34 0.8	19 Mon 02:39 09:58 2.4 16:01 0.7 22:19 2.5	27 Tue 09:02 03:49 2.4 10:07 0.7 16:33 2.4 22:42 0.8
4 Sun 02:49 03:40 0.4 09:53 2.8 15:57 0.3 22:19 2.9	12 Mon 09:39 04:44 2.4 10:59 0.7 17:27 2.5 23:30 0.8	20 Tue 03:20 04:31 0.7 10:36 2.4 16:38 0.7 22:56 2.5	28 Wed 10:03 04:52 2.4 11:08 0.6 17:33 2.6 23:42 0.7
5 Mon 03:43 04:33 0.4 10:45 2.8 16:49 0.3 23:10 2.9	13 Tue 10:30 05:40 2.3 11:53 0.7 18:19 2.5	21 Wed 04:02 05:08 0.7 11:15 2.4 17:17 0.8 23:35 2.5	29 Thu 11:04 05:54 2.5 12:07 0.5 18:30 2.7
6 Tue 04:34 05:25 0.4 11:38 2.7 17:42 0.4	14 Wed 11:19 00:22 0.8 06:32 2.4 12:42 0.7 19:06 2.5	22 Thu 04:44 05:47 0.7 11:56 2.4 17:59 0.8	30 Fri 12:04 00:40 0.5 06:53 2.6 13:02 0.4 19:24 2.8
7 Wed 05:25 00:02 2.8 06:18 0.4 12:33 2.7 18:37 0.6	15 Thu 12:07 01:10 0.8 07:20 2.4 13:27 0.7 19:49 2.6	23 Fri 05:29 00:16 2.4 06:29 0.7 12:42 2.3 18:45 0.9	31 Sat 00:33 01:35 0.4 07:49 2.8 13:55 0.3 20:16 2.9
8 Thu 06:15 00:55 2.7 07:11 0.5 13:30 2.6 19:34 0.7	16 Fri 00:30 01:54 0.7 08:03 2.4 14:09 0.6 20:29 2.6	24 Sat 06:17 01:01 2.4 07:15 0.8 13:32 2.3 19:38 0.9	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Mangonui	+00:33	+00:49	Port Jackson	-00:37	-00:32
Tutukaka Harbour	-00:15	-00:10	Nagle Cove	-00:31	-00:27
Whangamuri Harbour	+00:14	+00:31	Trupena	-00:29	-00:25
Whangarei	+00:21	+00:12	Houhora Harbour Entrance	+00:19	+00:16
Dairy Factory Wharf	+01:22	+02:23	Pakenui Wharf	+00:30	+00:30
Unahi Jetty	+01:02	+01:17	Raoul Island (Fishing Rock)	-00:36	-00:32
Doves Bay	-00:06	-00:02	Burgess Island	-00:24	-00:20
Keniken	+00:02	+00:18	Waiti Bay	+00:13	+00:09
Opua	+00:01	+00:01	Ngatete Point	+01:40	+01:45
Russell	+00:00	+00:04	Scheigis Rock	+00:15	-00:03
Waitangi	+00:22	+00:22	Whangaroa	+00:05	+00:08

NAPIER

1 Thu 12:13 05:02 1.7 11:14 0.1 17:29 1.9 23:49 0.1	9 Fri 19:20 00:01 1.7 06:17 0.2 12:32 1.7 18:48 0.2	17 Sat 13:26 00:41 0.3 06:47 1.5 12:54 0.4 19:06 1.6	25 Sun 19:26 00:08 1.5 06:20 0.4 12:32 1.6 18:51 0.4
2 Fri 00:43 05:59 1.8 12:10 0.1 18:24 1.9	10 Sat 07:46 00:57 1.7 07:11 0.2 13:29 1.7 19:45 0.3	18 Sun 14:09 01:24 0.3 07:29 1.5 13:35 0.4 19:47 1.6	26 Mon 07:54 00:58 1.5 07:10 0.3 13:24 1.6 19:44 0.3
3 Sat 01:43 00:45 0.1 06:55 1.8 13:05 0.0 19:19 2.0	11 Sun 08:37 01:52 1.6 08:05 0.3 14:25 1.7 20:40 0.3	19 Mon 02:29 02:06 0.3 08:10 1.5 14:17 0.4 20:28 1.6	27 Tue 08:52 01:50 1.6 08:03 0.3 14:18 1.7 20:39 0.3
4 Sun 02:39 01:41 0.0 07:51 1.8 14:01 0.0 20:15 2.0	12 Mon 09:29 02:46 1.6 08:59 0.3 15:18 1.7 21:33 0.3	20 Tue 03:19 02:47 0.3 08:51 1.5 14:58 0.4 21:10 1.6	28 Wed 09:53 02:45 1.6 08:58 0.2 15:14 1.8 21:34 0.2
5 Mon 03:33 02:37 0.0 08:47 1.8 14:57 0.0 21:12 1.9	13 Tue 10:20 03:38 1.5 09:50 0.3 16:09 1.6 22:24 0.3	21 Wed 03:52 03:28 0.4 09:32 1.5 15:41 0.4 21:52 1.6	29 Thu 10:54 03:42 1.7 09:55 0.2 16:11 1.8 22:31 0.1
6 Tue 04:24 03:33 0.0 09:43 1.8 15:54 0.4 22:08 1.9	14 Wed 11:09 04:28 1.5 10:40 0.3 16:56 1.6 23:11 0.3	22 Thu 04:35 04:09 0.4 10:13 1.5 16:25 0.4 22:36 1.5	30 Fri 11:54 04:40 1.7 10:53 0.1 17:07 1.9 23:27 0.1
7 Wed 05:15 04:28 0.1 10:39 1.8 16:52 0.1 23:05 1.8	15 Thu 11:57 05:17 1.5 11:26 0.4 17:41 1.6 23:57 0.3	23 Fri 05:19 04:51 0.4 10:57 1.5 17:11 0.4 23:21 1.5	31 Sat 00:23 05:38 1.8 11:50 0.0 18:03 2.0
8 Thu 06:05 05:23 0.1 11:36 1.8 17:50 0.2	16 Fri 06:00 06:03 1.5 12:11 0.4 18:24 1.6	24 Sat 06:27 05:34 0.4 11:43 1.6 18:00 0.4	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
HAWKES BAY			Bare Island	-00:17	-00:17
Cape Kidnappers	-00:20	-00:20	Cape Turnagain	-00:49	-00:49
Portland Island	-00:15	-00:15	Castlepoint	-00:17	-00:19
Waioira River Mouth	+00:00	+00:00	Porangahau Riv Entrance	-00:38	-00:38
WAIRARAPA COAST			Punawai	-00:30	-00:30
Akito River Entrance	-01:00	-01:00			

WELLINGTON

1 Thu 12:22 04:25 1.6 10:31 0.6 16:47 1.8 23:08 0.5	9 Fri 07:04 05:45 0.5 11:56 1.8 18:17 0.5	17 Sat 01:13 00:11 0.7 06:10 1.5 12:14 0.7 18:28 1.6	25 Sun 07:07 05:52 0.7 11:59 1.6 18:14 0.7
2 Fri 00:52 05:22 1.7 11:29 0.5 17:44 1.8	10 Sat 07:55 00:24 1.7 06:37 0.6 12:52 1.7 19:12 0.6	18 Sun 01:56 06:55 1.5 13:00 0.8 19:14 1.5	26 Mon 08:03 00:24 1.6 06:35 0.7 12:47 1.7 19:00 0.6
3 Sat 01:52 00:09 0.5 07:28 0.6 12:28 0.5 18:41 1.9	11 Sun 08:46 01:17 1.7 07:28 0.6 13:45 1.7 20:04 0.6	19 Mon 02:38 01:46 0.7 07:39 1.5 13:47 0.8 20:00 1.5	27 Tue 09:01 01:12 1.6 07:22 0.6 13:38 1.7 19:50 0.6
4 Sun 02:48 01:09 0.5 07:15 1.7 13:27 0.5 19:39 1.9	12 Mon 09:38 02:09 1.6 08:18 0.6 14:36 1.7 20:55 0.6	20 Tue 03:19 02:31 0.7 08:23 1.5 14:33 0.8 20:46 1.5	28 Wed 10:02 02:05 1.6 08:13 0.6 14:31 1.8 20:43 0.6
5 Mon 03:42 02:07 0.5 08:11 1.8 14:26 0.5 20:37 1.8	13 Tue 10:29 03:00 1.6 09:07 0.7 15:25 1.7 21:44 0.7	21 Wed 04:01 03:13 0.7 09:05 1.5 15:19 0.8 21:30 1.5	29 Thu 11:03 03:01 1.6 09:09 0.5 15:27 1.8 21:41 0.5
6 Tue 04:33 03:03 0.5 09:07 1.8 15:25 1.8 21:35 1.8	14 Wed 11:18 03:49 1.5 09:54 0.7 16:11 1.6 22:33 0.7	22 Thu 04:43 03:54 0.7 09:48 1.5 16:03 0.7 22:13 1.5	30 Fri 12:02 03:59 1.7 10:07 0.5 16:24 1.8 22:42 0.5
7 Wed 05:23 03:58 0.5 10:03 1.8 16:23 0.5 22:32 1.8	15 Thu 12:06 04:37 1.5 10:41 0.7 16:57 1.6 23:22 0.7	23 Fri 05:28 04:33 0.7 10:30 1.6 16:47 0.7 22:55 1.5	31 Sat 00:31 04:58 1.7 11:07 0.5 17:22 1.9 23:44 0.5
8 Thu 06:13 04:52 0.5 11:00 1.8 17:21 0.5 23:29 1.7	16 Fri 00:29 05:24 1.5 11:27 0.7 17:42 1.6	24 Sat 06:16 05:11 0.7 11:14 1.6 17:30 0.7 23:38 1.5	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
COOK STRAIT			WAIRARAPA COAST		
Cape Terawhiti - Oteranga Bay	+01:07	+01:13	Cape Palliser (Matakitiakiupe)	+00:10	+00:10
Karori Rock Light	+00:45	+00:45			

NELSON

1 Thu 12:28 03:22 0.5 09:36 4.1 15:46 0.6 22:11 4.4	9 Fri 07:10 03:57 3.5 10:10 1.2 16:23 3.4 22:48 1.4	17 Sat 13:41 04:28 0.8 10:58 3.9 16:55 0.7 23:06 4.2	25 Sun 07:14 03:59 3.3 09:56 1.4 16:34 3.2 23:06 1.5
2 Fri 00:59 04:09 0.4 10:28 4.2 16:34 0.4 22:56 4.5	10 Sat 08:01 05:03 3.4 11:26 1.3 17:36 3.4	18 Sun 14:24 05:01 0.7 11:32 3.9 17:26 0.7 23:39 4.1	26 Mon 08:09 05:08 3.3 11:11 1.4 18:03 3.3
3 Sat 01:58 04:56 0.3 11:17 4.3 17:20 0.3 23:41 4.5	11 Sun 08:52 00:05 1.4 06:10 3.4 12:25 1.3 18:52 3.4	19 Mon 14:24 04:56 0.8 12:06 3.9 17:57 0.8	27 Tue 09:08 00:22 1.3 06:19 3.4 12:31 1.3 19:19 3.6
4 Sun 02:54 05:43 0.3 12:05 4.3 18:04 0.4	12 Mon 09:44 01:08 1.3 07:13 3.4 13:29 1.3 19:54 3.6	20 Tue 14:24 00:12 4.0 06:07 0.8 12:38 3.8 18:29 0.9	28 Wed 10:08 01:23 1.0 07:26 3.7 13:41 1.0 20:18 3.9
5 Mon 03:48 00:26 4.4 06:32 0.4 12:52 4.2 18:49 0.5	13 Tue 10:35 01:59 1.2 08:10 3.5 14:23 1.1 20:42 3.7	21 Wed 14:24 00:47 3.9 06:43 0.9 13:12 3.7 19:04 1.0	29 Thu 11:09 02:16 0.7 08:27 3.9 12:31 0.7 21:07 4.2
6 Tue 04:39 01:13 4.2 07:22 0.6 13:40 4.1 19:36 0.8	14 Wed 11:24 02:42 1.0 08:59 3.6 15:09 1.0 21:23 3.9	22 Thu 17:12 01:24 3.8 07:21 1.0 13:47 3.6 19:44 1.2	30 Fri 12:09 03:05 0.4 09:21 4.2 15:30 0.5 21:53 4.5
7 Wed 05:30 02:03 4.0 08:14 0.8 14:29 3.8 20:28 1.0	15 Thu 12:12 03:20 0.9 09:42 3.7 15:48 0.9 21:59 4.0	23 Fri 17:58 02:07 3.6 08:04 1.1 14:28 3.4 20:34 1.3	31 Sat 00:38 03:52 0.3 10:12 4.4 16:17 0.3 22:37 4.6
8 Thu 06:20 02:57 3.8 09:09 1.0 15:22 3.6 21:31 1.3	16 Fri 00:35 03:55 0.8 10:21 3.8 16:23 0.8 22:33 4.1	24 Sat 06:22 02:58 3.4 08:55 1.3 15:20 3.3 21:42 1.5	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Stevens Island (Takapourewa)	-00:30	-00:30	Portage	-00:16	-00:44
GOLDEN BAY			Whakatere	-00:51	-00:43
Collingwood	-00:25	-00:25	RANGITOTO KI TE TONGA/D'URVILLE IS		
Motupipi Inlet	-00:25	-00:25	Greville Harbour	-00:20	-00:20
Tarakohe	+00:04	+00:09	TASMAN BAY		
MARLBOROUGH SOUNDS			Astrolabe Roadstead	-00:20	-00:20
Catherine Cove	-00:31	-00:32	Crossiles Harbour	-00:18	-00:02
Elaine Bay	-00:29	-00:40	Kaiteriteri	+00:02	+00:05
Elmslie Bay	-00:33	-00:32	Mapua	+00:20	+00:20
Havelock	-00:15	-00:34	Motueka	+00:05	+00:19
Pelorus Sound Entrance	-01:00	-01:20			

LYTTELTON

1 Thu 00:00 03:59 2.4 10:13 0.3 16:29 2.6 22:48 0.3	9 Fri 07:12 05:17 0.4 11:35 2.4 17:52 0.5	17 Sat 01:22 05:39 2.2 11:49 0.6 17:59 2.3	25 Sun 07:16 05:21 0.7 11:35 2.2 17:55 0.7
2 Fri 01:01 04:54 2.5 11:09 0.3 17:23 2.7 23:42 0.3	10 Sat 08:03 00:00 2.3 06:13 0.5 12:33 2.4 18:51 0.6	18 Sun 02:05 00:15 0.6 06:22 2.2 12:29 0.6 18:39 2.2	26 Mon 08:11 00:00 2.1 06:11 0.6 12:28 2.3 18:48 0.6
3 Sat 02:00 05:51 2.5 12:04 0.2 18:18 2.7	11 Sun 08:55 00:56 2.2 07:08 0.5 13:30 2.3 19:46 0.6	19 Mon 02:47 00:55 0.6 07:05 2.1 13:09 0.7 19:21 2.2	27 Tue 09:10 00:53 2.2 07:03 0.5 13:23 2.4 19:42 0.5
4 Sun 02:57 00:36 0.2 06:48 2.5 12:59 0.2 19:14 2.7	12 Mon 09:46 01:50 2.2 08:00 0.5 14:23 2.3 20:37 0.6	20 Tue 03:28 01:36 0.6 07:48 2.1 13:51 0.7 20:04 2.2	28 Wed 10:11 01:47 2.3 07:58 0.5 14:18 2.5 20:36 0.4
5 Mon 03:50 01:31 0.2 07:46 2.5 13:55 0.3 20:10 2.6	13 Tue 10:37 02:41 2.2 08:51 0.6 15:11 2.3 21:25 0.6	21 Wed 04:09 02:18 0.7 08:31 2.1 14:34 0.7 20:48 2.1	29 Thu 11:11 02:42 2.4 08:54 0.4 15:12 2.6 21:30 0.3
6 Tue 04:42 02:26 0.3 08:43 2.5 14:51 0.3 21:07 2.5	14 Wed 11:27 03:28 2.2 09:39 0.6 15:56 2.3 22:10 0.6	22 Thu 04:52 03:01 0.7 09:14 2.1 15:20 0.8 21:34 2.1	30 Fri 12:11 03:37 2.5 09:52 0.3 16:06 2.7 22:24 0.3
7 Wed 05:32 03:22 0.3 09:40 2.5 15:50 0.4 22:05 2.4	15 Thu 12:14 04:13 2.2 10:24 0.6 16:38 2.3 22:53 0.6	23 Fri 05:37 03:46 0.7 09:59 2.1 16:09 0.8 22:20 2.1	31 Sat 00:40 04:33 2.5 10:49 0.2 17:01 2.7 23:19 0.2
8 Thu 06:22 04:20 0.4 10:37 2.4 16:51 0.5 23:02 2.4	16 Fri 00:37 04:56 2.2 11:07 0.6 17:19 2.3 23:34 0.6	24 Sat 06:24 04:43 0.7 10:46 2.2 17:01 0.8 23:09 2.1	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Cape Campbell	+00:50	+00:50	AKAROA HARBOUR		
Kaikoura	+00:17	+00:16	French Bay	-00:42	-00:43
Lucky Bay	+02:30	+02:30	Tikao Bay	-00:43	-00:42
Port Underwood	+01:42	+01:48	CHATTHAM ISLAND		
Rakaia River Mouth	-00:46	-00:46	Kaingaroa	+00:53	+00:53
Sumner	+00:02	+00:01	Owenga	+00:22	+00:21
			Waitangi	+00:22	+00:21

Add a further 45min to obtain Chatham Is Std Time

MOON PHASES
 New Moon
  First Quarter
  Full Moon
  Last Quarter

BILL HOHEPA's FISHING GUIDE

 Good
  Fair
  Go Anyway

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