

AUCKLAND

1 Sat 04:10 16:34 04:55 18:18	04:55 0.6 11:12 3.1 17:09 0.7 23:38 3.1	9 Sun 11:42 00:04 0.5 06:30 3.0 12:30 0.3 18:55 3.5	17 Mon 06:01 18:26 00:38 3.0 06:39 0.8 13:09 2.9 19:10 0.9	25 Tue 12:14 01:07 0.7 07:29 3.0 13:25 0.7 19:48 3.1
2 Sun 04:59 17:25	05:39 0.6 11:58 3.0 17:57 0.8	10 Mon 00:10 12:37 01:00 0.4 07:25 3.4 13:23 0.2 19:48 3.5	18 Tue 06:50 19:15 01:28 2.8 07:32 0.9 14:05 2.8 20:07 1.0	26 Wed 00:37 12:59 01:47 0.6 08:08 3.1 14:03 0.6 20:27 3.2
3 Mon 05:51 18:18	00:25 3.0 06:27 0.7 12:49 3.0 18:52 0.9	11 Tue 01:04 13:30 01:52 0.3 08:18 3.5 14:13 0.2 20:38 3.6	19 Wed 07:39 20:03 02:21 2.7 08:30 1.0 15:04 2.8 21:06 1.0	27 Thu 01:22 14:32 02:26 0.6 09:26 3.2 14:42 0.6 21:07 3.2
4 Tue 06:46 19:15	01:17 3.0 07:21 0.7 13:47 2.9 19:54 0.9	12 Wed 01:55 14:21 02:43 0.3 09:07 3.5 15:01 0.2 21:27 3.5	20 Thu 08:27 20:51 03:18 2.7 09:31 1.0 16:01 2.8 22:02 1.0	28 Fri 02:08 14:32 03:06 0.5 09:26 3.2 15:22 0.6 21:48 3.2
5 Wed 07:44 20:14	02:15 3.0 08:22 0.7 14:52 3.0 20:59 0.9	13 Thu 02:46 15:10 03:31 0.3 09:55 3.5 15:49 0.3 22:15 3.4	21 Fri 09:14 21:37 04:16 2.7 10:29 1.0 16:55 2.8 22:54 1.0	29 Sat 02:57 15:22 03:47 0.5 10:07 3.2 16:04 0.6 22:31 3.2
6 Thu 08:45 21:15	03:19 3.0 09:28 0.7 15:58 3.0 22:04 0.8	14 Fri 03:35 15:59 04:18 0.4 10:42 3.4 16:37 0.5 23:03 3.3	22 Sat 10:00 22:23 05:12 2.7 11:21 0.9 17:44 2.9 23:42 0.9	30 Sun 04:48 17:14 05:30 0.5 11:51 3.2 17:49 0.6
7 Fri 09:45 22:15	04:25 3.0 10:33 0.6 17:02 3.2 23:06 0.6	15 Sat 04:24 16:48 05:04 0.5 11:29 3.2 17:25 0.6 23:50 3.1	23 Sun 10:45 23:08 06:02 2.8 12:06 0.8 18:28 3.0	
8 Sat 10:45 23:14	05:29 3.1 11:34 0.5 18:00 3.3	16 Sun 05:12 17:37 05:51 0.6 12:18 1.0 18:16 0.8	24 Mon 11:30 23:52 00:26 0.8 06:47 2.9 12:47 0.8 19:09 3.0	

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Maraetai	-00:15	-00:15	Murrays Bay	-00:25	-00:03
Onetanga Bay	+00:04	-00:07	Tiritiri Matangi Island	+00:10	-00:03
Coromandel Harb	-00:21	-00:15	Wetiti River Entrance	+00:01	+00:07
Thames (Rocky Pt)	-00:17	-00:12	Mansion House Bay	-00:15	-00:04
Mahurangi Harb	+00:02	+00:12	Man O' War Bay	-00:18	-00:07
Mangahai Hds	+00:05	+00:05	Matiatia Bay	+00:01	+00:12
Matakana River	+00:05	+00:05			

TAURANGA

1 Sat 04:05 16:29	04:52 0.3 11:04 1.8 17:08 0.4 23:26 1.8	9 Sun 11:37 06:11 1.9 12:17 0.1 18:42 2.0	17 Mon 05:55 18:20 00:28 1.7 06:36 0.3 13:02 1.7 19:05 0.4	25 Tue 12:08 00:58 0.4 07:12 1.7 13:13 0.4 19:34 1.8
2 Sun 04:53 17:19	05:36 0.3 11:50 1.7 17:56 0.4	10 Mon 00:04 12:31 00:51 0.2 07:09 1.9 13:12 0.1 19:35 2.0	18 Tue 06:44 19:09 07:26 0.4 13:55 1.7 19:59 0.5	26 Wed 00:31 12:53 07:54 1.8 13:54 0.3 20:14 1.8
3 Mon 05:45 18:12	00:11 1.8 06:24 0.3 12:40 1.7 18:12 0.4	11 Tue 00:58 13:24 01:45 0.1 08:03 2.0 14:04 0.1 20:27 2.0	19 Wed 07:33 19:57 02:08 1.6 08:18 0.5 14:49 1.6 20:54 0.5	27 Thu 01:16 13:39 02:20 0.3 08:35 1.8 14:36 0.3 20:54 1.8
4 Tue 06:40 19:09	01:02 1.8 07:16 0.3 13:37 1.7 19:46 0.4	12 Wed 01:50 14:15 02:36 0.1 08:54 2.0 14:55 0.1 21:17 2.0	20 Thu 08:21 20:45 03:02 1.6 09:13 0.5 15:43 1.6 21:48 0.5	28 Fri 02:02 14:26 03:01 0.2 09:16 1.8 15:18 0.3 21:35 1.8
5 Wed 07:38 20:08	01:59 1.7 08:14 0.3 14:39 1.7 20:47 0.4	13 Thu 02:40 15:04 03:26 0.1 09:44 2.0 15:45 0.1 22:05 2.0	21 Fri 09:08 21:31 03:56 1.6 10:07 0.5 16:35 1.6 22:41 0.5	29 Sat 02:51 15:16 03:43 0.2 09:58 1.8 16:02 0.3 22:17 1.8
6 Thu 08:39 21:09	03:01 1.7 09:15 0.3 15:43 1.8 21:51 0.4	14 Fri 03:29 15:53 04:14 0.1 10:33 1.9 16:34 0.2 22:53 1.9	22 Sat 09:54 22:17 04:50 1.6 10:59 0.5 17:23 1.7 23:30 0.5	30 Sun 04:42 17:08 05:26 0.2 11:43 1.8 17:48 0.3
7 Fri 09:39 22:09	04:06 1.8 10:17 0.2 16:46 1.8 22:54 0.3	15 Sat 04:18 16:42 05:01 0.2 11:22 1.9 17:24 0.3 23:40 1.8	23 Sun 10:40 23:02 05:41 1.6 11:47 0.4 18:09 1.7	
8 Sat 10:39 23:08	05:10 1.8 11:18 0.2 17:45 1.9 23:54 0.2	16 Sun 05:07 17:31 05:48 0.2 12:11 1.8 18:14 0.4	24 Mon 11:24 23:46 00:16 0.4 06:28 1.7 12:31 0.4 18:53 1.7	

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 Ochope 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	-00:07	Katikati	+00:30	+00:30
Pauanui	-00:04	-00:02	Omokoroa	+00:47	+00:52
Slipper Island(Whakahau)	-00:38	-00:10	Town Wharf	+00:20	+00:20
Tairua	-00:03	-00:03			

TARANAKI

1 Sat 04:13 16:37	00:50 3.3 07:11 0.7 13:15 3.1 19:30 0.8	9 Sun 11:45 02:57 0.3 09:07 3.6 15:20 0.2 21:31 3.8	17 Mon 06:04 18:23 02:47 2.8 09:03 1.1 15:15 2.8 21:39 1.2	25 Tue 12:17 03:44 0.5 09:51 3.4 15:58 0.5 22:01 3.5
2 Sun 05:02 17:28	01:35 3.1 07:57 0.8 14:04 3.0 20:23 0.9	10 Mon 00:13 12:40 03:46 0.1 09:55 3.7 16:06 0.1 22:17 3.8	18 Tue 06:53 19:18 03:49 2.7 10:05 1.2 16:26 2.7 22:53 1.3	26 Wed 00:40 13:02 04:17 0.4 10:24 3.4 16:31 0.4 22:33 3.5
3 Mon 05:54 18:21	02:30 3.0 08:52 0.9 15:04 2.9 21:27 1.0	11 Tue 01:07 13:33 04:32 0.1 10:40 3.7 16:51 0.1 23:00 3.8	19 Wed 07:42 20:06 05:01 2.6 11:18 1.2 17:42 2.7	27 Thu 01:25 13:48 04:51 0.4 10:57 3.5 17:06 0.4 23:08 3.5
4 Tue 06:49 19:18	03:35 2.9 09:57 1.0 16:18 2.9 22:41 1.0	12 Wed 01:59 14:24 05:16 0.1 11:23 3.7 17:33 0.2 23:43 3.7	20 Thu 08:30 20:54 06:12 2.7 12:29 1.2 18:48 2.8	28 Fri 02:11 14:35 05:26 0.4 11:31 3.4 17:43 0.5 23:45 3.4
5 Wed 07:47 20:17	04:49 2.9 11:12 1.0 17:37 3.0 23:57 0.9	13 Thu 02:49 15:13 05:59 0.2 12:05 3.5 18:16 0.4	21 Fri 09:17 21:40 01:06 1.1 07:13 2.8 13:26 1.0 19:38 3.0	29 Sat 03:00 15:25 06:04 0.5 12:09 3.4 18:23 0.6
6 Thu 08:48 21:18	06:05 3.0 12:27 0.8 18:49 3.2	14 Fri 03:38 16:02 00:25 3.5 06:41 0.4 12:46 3.4 18:59 0.6	22 Sat 10:03 22:26 01:53 0.9 08:01 3.0 14:11 0.8 20:19 3.2	30 Sun 04:51 17:17 00:26 3.3 07:46 0.6 13:52 3.3 20:10 0.7
7 Fri 09:48 22:18	01:06 0.7 07:14 3.2 13:33 0.6 19:50 3.4	15 Sat 04:27 16:51 01:08 3.2 07:25 0.7 13:29 3.1 19:45 0.9	23 Sun 10:48 23:11 02:33 0.8 08:41 3.1 14:50 0.7 20:55 3.3	
8 Sat 10:48 23:17	02:05 0.5 08:14 3.4 14:30 0.4 20:43 3.6	16 Sun 05:15 17:40 01:54 3.0 08:10 0.9 14:17 2.9 20:37 1.1	24 Mon 11:33 23:55 03:10 0.6 09:17 3.3 15:25 0.6 21:28 3.4	

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	+00:42	+00:37
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
Paraparamu Beach	-00:20	-00:20	Tinopai	+00:59	+00:59
Porirua Harbour	+00:03	-00:11	Whakapirau	+01:25	+01:07
Raglan	+00:31	+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
Waitare 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	+00:20	+00:29

MARSDEN POINT

1 Sat 04:11 16:36	05:12 0.6 11:24 2.5 17:26 0.7 23:45 2.5	9 Sun 11:44 00:22 0.5 06:37 2.7 12:45 0.4 19:06 2.8	17 Mon 06:02 18:27 00:44 2.4 06:57 0.7 13:19 2.4 19:28 0.8	25 Tue 12:15 01:25 0.7 07:35 2.4 13:39 0.6 19:55 2.6
2 Sun 05:00 17:26	05:56 0.6 12:11 2.5 18:15 0.7	10 Mon 00:11 12:38 01:18 0.4 07:33 2.8 13:38 0.3 19:59 2.9	18 Tue 06:51 19:16 01:33 2.3 07:49 0.8 14:14 2.3 20:23 0.9	26 Wed 00:38 13:00 02:04 0.6 08:15 2.5 14:18 0.6 20:33 2.6
3 Mon 05:52 18:19	00:32 2.5 06:44 0.6 13:03 2.4 19:09 0.8	11 Tue 01:05 13:31 02:10 0.3 08:26 2.8 14:29 0.3 20:48 2.9	19 Wed 07:40 20:04 02:28 2.2 08:45 0.9 15:12 2.3 21:21 0.9	27 Thu 01:23 13:46 02:43 0.5 08:55 2.6 14:58 0.6 21:13 2.6
4 Tue 06:47 19:16	01:25 2.4 07:38 0.7 14:01 2.4 20:10 0.8	12 Wed 01:57 14:22 03:00 0.3 09:16 2.8 15:18 0.3 21:37 2.9	20 Thu 08:28 20:52 03:26 2.2 09:43 0.9 16:10 2.3 22:18 0.9	28 Fri 02:09 14:33 03:23 0.5 09:49 0.8 15:38 0.6 21:54 2.6
5 Wed 07:45 20:15	02:23 2.4 08:39 0.7 15:04 2.5 21:15 0.8	13 Thu 02:47 15:11 03:49 0.3 10:04 2.8 16:07 0.4 22:24 2.8	21 Fri 09:15 21:38 04:24 2.2 10:40 0.9 17:04 2.3 23:11 0.9	29 Sat 02:58 15:23 04:04 0.5 10:18 2.6 16:21 0.6 22:37 2.6
6 Thu 08:46 21:16	03:27 2.4 09:43 0.6 16:10 2.5 22:21 0.7	14 Fri 03:36 16:00 04:36 0.4 10:52 2.7 16:55 0.5 23:10 2.7	22 Sat 10:01 22:24 05:20 2.2 11:31 0.8 17:52 2.4 23:59 0.8	30 Sun 04:49 17:15 05:46 0.5 12:03 2.6 18:07 0.6
7 Fri 09:46 22:16	04:33 2.5 10:47 0.6 17:13 2.6 23:23 0.6	15 Sat 04:25 16:49 05:22 0.5 11:39 2.6 17:43 0.6 23:56 2.5	23 Sun 10:46 23:09 06:09 2.3 12:18 0.8 18:36 2.4	
8 Sat 10:46 23:15	05:37 2.6 11:48 0.5 18:12 2.7	16 Sun 05:14 17:38 06:09 0.6 12:28 2.5 18:34 0.7	24 Mon 11:31 23:53 00:44 0.8 06:54 2.4 13:00 0.7 19:16 2.5	

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
Whangamou Harbour	+00:14				

NAPIER

1 Sat 04:01 16:26	03:28 0.3 09:34 1.6 15:46 0.3 21:58 1.6	9 Sun 11:33	04:24 1.8 10:37 0.1 16:51 1.9 23:11 0.1	17 Mon 05:52 18:17	05:17 0.3 11:32 1.7 17:48 0.3 23:55 1.6	25 Tue 12:05	05:30 1.5 11:40 0.4 17:50 1.6
2 Sun 04:50 17:16	04:13 0.3 10:20 1.6 16:35 0.3 22:46 1.6	10 Mon 00:01 12:28	05:22 1.8 11:34 0.1 17:48 1.9	18 Tue 06:41 19:06	06:06 0.3 12:23 1.6 18:40 0.4	26 Wed 00:28 12:50	00:07 0.3 06:13 1.6 12:22 0.3 18:32 1.6
3 Mon 05:42 18:09	05:00 0.3 11:09 1.7 17:27 0.3 23:37 1.6	11 Tue 00:55	00:08 0.1 06:19 1.8 12:30 0.0 18:43 1.9	19 Wed 07:30 19:54	00:44 1.5 06:55 0.4 13:13 1.6 19:30 0.4	27 Thu 01:13 13:36	00:49 0.3 06:56 1.6 13:05 0.3 19:16 1.7
4 Tue 06:37 19:06	05:49 0.3 12:02 1.7 18:22 0.3	12 Wed 01:47 14:12	01:03 0.0 07:15 1.8 13:25 0.0 19:38 1.9	20 Thu 08:18 20:42	01:33 1.5 07:45 0.4 14:03 1.6 20:20 0.4	28 Fri 01:59 14:23	01:32 0.3 07:39 1.6 13:50 0.3 20:01 1.7
5 Wed 07:35 20:05	00:31 1.6 06:43 0.2 12:58 1.7 19:19 0.3	13 Thu 02:37 15:01	01:56 0.1 08:08 1.8 14:19 0.1 20:31 1.8	21 Fri 09:05 21:28	02:23 1.5 08:35 0.4 14:52 1.6 21:08 0.4	29 Sat 02:48 15:13	02:16 0.2 08:23 1.7 14:36 0.3 20:47 1.7
6 Thu 08:36 21:06	01:27 1.6 07:39 0.2 13:56 1.8 20:17 0.2	14 Fri 03:26 15:50	02:49 0.1 09:00 1.8 15:12 0.1 21:24 1.8	22 Sat 09:51 22:14	03:12 1.5 09:24 0.4 15:39 1.6 21:55 0.4	30 Sun 04:39 17:05	00:50 1.7 07:01 0.5 13:17 1.8 23:58 1.6
7 Fri 09:36 22:06	02:25 1.7 08:38 0.2 14:55 1.8 21:15 0.2	15 Sat 04:15 16:39	03:39 0.1 09:51 1.8 16:05 0.2 22:15 1.7	23 Sun 10:37 22:59	04:00 1.5 10:11 0.4 16:24 1.6 22:40 0.4	1 Mon 11:36 23:05	01:45 1.7 07:55 0.5 14:12 1.8 20:26 0.5
8 Sat 10:36 23:05	03:24 1.7 09:38 0.1 15:53 1.9 22:13 0.1	16 Sun 05:04 17:28	04:29 0.2 10:42 1.7 16:57 0.3 23:05 1.6	24 Mon 11:21 23:43	04:46 1.5 10:56 0.4 17:07 1.6 23:24 0.3	2 Tue 12:05	02:43 1.7 08:52 0.5 15:09 1.8 21:24 0.5

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
Wairoa River Mouth	+00:00	+00:00	Porangahau Riv Entrance	-00:38	-00:38
WAIRARAPA COAST			Punawaitai	-00:30	-00:30
Akitio River Entrance	-01:00	-01:00			

WELLINGTON

1 Sat 04:10 16:34	03:12 0.7 09:08 1.6 15:25 0.7 21:35 1.6	9 Sun 11:42	03:42 1.7 09:52 0.5 16:07 1.8 22:25 0.5	17 Mon 06:01 18:26	04:52 0.6 11:03 1.7 17:25 0.6 23:27 1.6	25 Tue 12:14	04:48 1.5 10:52 0.7 17:09 1.5 23:32 0.7
2 Sun 04:59 17:16	03:55 0.7 09:53 1.6 16:12 0.6 22:21 1.6	10 Mon 00:10 12:37	04:40 1.7 10:52 0.5 17:05 1.8 23:27 0.5	18 Tue 06:50 19:15	05:38 0.6 11:53 1.7 18:11 0.6	26 Wed 00:37 12:59	05:35 1.5 11:43 0.7 17:58 1.5
3 Mon 05:51 18:18	04:38 0.6 10:41 1.7 17:00 0.6 23:09 1.6	11 Tue 01:04 13:30	05:38 1.7 11:52 0.5 18:03 1.8	19 Wed 07:39 20:03	00:13 1.6 06:22 0.7 12:40 1.6 18:47 1.6	27 Thu 01:22 13:45	00:23 0.7 06:22 1.5 12:34 0.7 18:47 1.6
4 Tue 06:46 19:15	05:23 0.6 11:31 1.7 17:49 0.6 23:58 1.6	12 Wed 01:55 14:21	00:27 0.5 06:35 1.8 12:51 0.5 19:01 1.8	20 Thu 08:27 20:50	00:59 1.5 07:05 0.7 13:25 1.6 19:38 0.7	28 Fri 02:08 14:32	01:11 0.7 07:08 1.6 13:25 0.7 19:37 1.6
5 Wed 07:44 20:14	06:10 0.6 12:23 1.8 18:39 0.5	13 Thu 02:45 15:10	01:25 0.5 07:31 1.8 13:50 0.5 19:58 1.8	21 Fri 09:14 21:37	01:43 1.5 07:48 0.7 14:08 1.6 20:20 0.7	29 Sat 02:57 15:22	01:58 0.7 07:55 1.6 14:16 0.7 20:25 1.6
6 Thu 08:44 21:15	00:50 1.7 07:01 0.5 13:17 1.8 19:31 0.5	14 Fri 03:35 15:59	02:20 0.5 08:25 1.7 14:47 0.5 20:53 1.7	22 Sat 10:00 22:23	02:29 1.5 08:31 0.7 14:51 1.6 21:05 0.7	30 Sun 04:48 17:14	03:44 0.7 09:43 1.7 16:06 0.6 22:13 1.6
7 Fri 09:45 22:15	01:45 1.7 07:55 0.5 14:12 1.8 20:26 0.5	15 Sat 04:24 16:48	03:13 0.6 09:19 1.7 15:43 0.5 21:47 1.7	23 Sun 10:45 23:08	03:15 1.5 09:16 0.7 15:35 1.6 21:52 0.7	1 Mon 11:30 23:52	04:01 1.5 10:03 0.7 16:21 1.5 22:42 0.7
8 Sat 10:45 23:14	02:43 1.7 08:52 0.5 15:09 1.8 21:24 0.5	16 Sun 05:12 17:37	04:04 0.6 10:12 1.7 16:35 0.6 22:38 1.6	24 Mon 11:30 23:52	04:01 1.5 10:03 0.7 16:21 1.5 22:42 0.7		

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 Sat 04:17 16:41	00:53 4.0 06:50 0.8 13:17 3.8 19:14 0.9	9 Sun 11:49	02:49 0.5 09:05 4.1 15:16 0.5 21:37 4.4	17 Mon 06:08 18:32	02:36 3.4 08:38 1.3 14:52 3.4 21:03 1.5	25 Tue 12:20	03:29 0.7 09:59 4.0 15:55 0.6 22:06 4.2
2 Sun 05:05 17:31	01:36 3.8 07:34 0.9 13:58 3.7 20:02 1.1	10 Mon 00:16 12:44	03:36 0.3 09:55 4.3 16:01 0.3 22:20 4.6	18 Tue 06:56 19:21	03:34 3.2 09:38 1.5 15:55 3.2 22:31 1.6	26 Wed 00:43 13:05	04:02 0.6 10:33 4.1 16:27 0.5 22:40 4.3
3 Mon 05:57 18:24	02:27 3.6 08:25 1.1 14:50 3.5 21:07 1.3	11 Tue 01:10 13:36	04:21 0.2 10:41 4.4 16:43 0.3 23:01 4.5	19 Wed 07:45 20:09	04:44 3.1 10:53 1.6 17:18 3.1 23:54 1.6	27 Thu 01:28 13:51	04:35 0.5 11:07 4.2 16:59 0.5 23:14 4.3
4 Tue 06:52 19:21	03:28 3.5 09:27 1.2 16:00 3.4 22:31 1.3	12 Wed 02:02 14:27	05:03 0.3 11:23 4.4 17:22 0.4 23:42 4.4	20 Thu 08:33 20:57	05:58 3.1 12:12 1.5 18:39 3.3	28 Fri 02:14 14:38	05:10 0.5 11:41 4.2 17:33 0.5 23:50 4.2
5 Wed 07:51 20:21	04:39 3.4 10:43 1.3 17:29 3.4 23:54 1.2	13 Thu 02:52 15:16	05:45 0.4 12:04 4.3 17:59 0.5	21 Fri 09:20 21:43	00:54 1.4 07:05 3.2 13:16 1.4 19:37 3.5	29 Sat 03:03 15:28	05:47 0.6 12:16 4.1 18:10 0.6
6 Thu 08:51 21:21	05:54 3.5 12:07 1.2 18:53 3.6	14 Fri 03:41 16:05	00:22 4.2 06:25 0.6 12:43 4.1 18:36 0.8	22 Sat 10:06 22:29	01:41 1.2 07:59 3.4 14:06 1.2 20:21 3.7	30 Sun 04:54 17:20	00:30 4.0 07:27 0.7 13:54 4.0 19:52 0.8
7 Fri 09:52 22:22	01:02 1.0 07:06 3.7 13:23 1.0 19:58 3.9	15 Sat 04:30 16:54	01:03 4.0 07:06 0.8 13:22 3.9 19:15 1.0	23 Sun 10:52 23:14	02:20 1.0 08:44 3.6 14:47 1.0 20:59 3.9	1 Mon 11:36 23:58	02:55 0.8 09:23 3.8 15:22 0.8 21:33 4.1
8 Sat 10:51 23:20	01:58 0.7 08:09 3.9 14:24 0.7 20:50 4.2	16 Sun 05:19 17:43	01:46 3.7 07:49 1.1 14:04 3.6 20:01 1.3	24 Mon 11:36 23:58	02:55 0.8 09:23 3.8 15:22 0.8 21:33 4.1		

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Stevens Island (Takapourewa)	-00:30	-00:30	Portage	-00:16	-00:44
GOLDEN BAY			Whakatahuri	-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	+00:03	+00:09	TASMAN BAY		
MARLBOROUGH SOUNDS			Astrolabe Roadstead	-00:20	-00:20
Catherine Cove	-00:31	-00:32	Crossilles Harbour	-00:18	-00:02
Elaine Bay	-00:29	-00:40	Kaiteriti	+00:02	+00:05
Elmslie Bay	-00:33	-00:32	Mapua	+00:20	+00:20
Havelock	-00:14	-00:34	Motueka	+00:05	+00:19
Pelorus Sound Entrance	-01:00	-01:20			

LYTELTON

1 Sat 04:19 16:43	02:20 0.6 08:34 2.2 14:41 0.6 20:55 2.2	9 Sun 11:51	03:22 2.5 09:37 0.2 15:51 2.6 22:08 0.2	17 Mon 06:10 18:34	04:16 0.6 10:34 2.3 16:50 0.6 22:58 2.1	25 Tue 00:01 12:23	04:24 2.2 10:36 0.6 16:43 2.3 22:59 0.6
2 Sun 05:08 17:33	03:08 0.6 09:22 2.2 15:33 0.6 21:46 2.2	10 Mon 00:19 12:46	04:18 2.6 10:33 0.2 16:45 2.7 23:02 0.2	18 Tue 06:59 19:23	05:08 0.6 11:26 2.2 17:45 0.7 23:50 2.1	26 Wed 00:45 13:07	05:05 2.2 11:18 0.6 17:23 2.3 23:40 0.5
3 Mon 05:59 18:27	03:58 0.6 10:12 2.3 16:28 0.6 22:39 2.2	11 Tue 01:12 13:38	05:14 2.6 11:28 0.2 17:38 2.6 23:55 0.2	19 Wed 07:47 20:11	05:59 0.7 12:18 2.2 18:37 0.7	27 Thu 01:30 13:53	05:48 2.3 12:01 0.6 18:06 2.3
4 Tue 06:55 19:23	04:51 0.5 11:06 2.3 17:25 0.6 23:33 2.2	12 Wed 02:04 14:29	06:09 2.6 12:21 0.2 18:32 2.6	20 Thu 08:35 20:59	00:41 2.1 06:49 0.7 13:09 2.2 19:20 0.7	28 Fri 02:17 14:41	00:23 0.5 06:33 2.3 12:45 0.6 18:53 2.2
5 Wed 07:53 20:23	05:45 0.5 12:02 2.4 18:23 0.5	13 Thu 02:54 15:19	00:48 0.3 07:04 2.5 13:14 0.3 19:26 2.5	21 Fri 09:22 21:46	01:30 2.1 07:38 0.7 13:57 2.2 20:12 0.6	29 Sat 03:05 15:30	01:07 0.5 07:20 2.3 13:31 0.6 19:42 2.2
6 Thu 08:53 21:23	00:30 2.3 06:42 0.4 13:01 2.4 19:20 0.4	14 Fri 03:43 16:08	01:39 0.3 07:58 2.5 14:06 0.4 20:20 2.4	22 Sat 10:09 22:31	02:16 2.1 08:25 0.7 14:41 2.2 20:55 0.6	30 Sun 04:56 17:23	01:54 0.5 09:10 2.3 15:21 0.6 21:34 2.2
7 Fri 09:54 22:24	01:28 2.3 07:40 0.4 13:59 2.5 20:17 0.4	15 Sat 04:32 16:56	02:31 0.4 08:50 2.4 15:00 0.5 21:13 2.3	23 Sun 10:54 23:16	03:00 2.1 09:10 0.7 15:23 2.2 21:37 0.6	1 Mon 11:38	03:42 2.2 09:53 0.6 16:03 2.3 22:18 0.6
8 Sat 10:53 23:23	02:25 2.4 08:38 0.3 14:56 2.6 21:13 0.3	16 Sun 05:21 17:45	03:23 0.5 09:42 2.3 15:55 0.6 22:06 2.2				

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	CHATAM 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

MOON PHASES
 New Moon
  First Quarter
  Full Moon
  Last Quarter

BILL HOHEPA's FISHING GUIDE
