

AUCKLAND

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

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	-00:05	+00:00
Thames	-00:17	-00:11	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	-00:06	+00:01			

TAURANGA

1 Thu 03:53 16:22	04:36 10:55 17:04 23:25	0.2 2.1 0.1 2.1	9 Fri 10:12 22:34	05:06 11:13 17:30 23:35	1.8 0.5 1.7 0.5	17 Sat 03:35 15:59	04:32 10:43 16:48 23:07	0.5 1.8 0.4 1.8	25 Sun 10:24 22:49	05:06 11:19 17:39 23:42	1.9 0.4 1.9 0.3
2 Fri 04:51 17:20	05:28 11:46 17:54	0.2 2.0 0.2	10 Sat 10:55 23:16	05:57 12:05 18:22	1.8 0.5 1.8	18 Sun 04:24 16:49	05:12 11:23 17:28 23:49	0.6 1.7 0.5 1.7	26 Mon 11:15 23:42	06:01 12:14 18:35	2.0 0.3 2.0
3 Sat 05:50 18:20	00:18 06:21 12:38 18:46	2.0 0.3 2.0 0.2	11 Sun 11:37 23:57	00:25 06:45 12:53 19:09	0.5 1.8 0.4 1.8	19 Mon 05:15 17:41	05:55 12:05 18:10	0.6 1.7 0.5	27 Tue 12:09	00:37 06:55 13:08 19:29	0.3 2.0 2.0 2.0
4 Sun 06:50 18:20	01:14 06:17 12:33 18:40	2.0 0.3 1.9 0.3	12 Mon 12:18	01:11 06:45 13:36 19:52	0.5 1.8 0.4 1.8	20 Tue 06:07 18:34	00:34 06:42 12:51 18:58	1.7 0.6 1.7 0.5	28 Wed 00:37 13:05	01:31 07:48 14:00 20:22	0.2 2.1 0.1 2.1
5 Mon 06:49 19:18	01:11 07:15 13:30 19:38	1.9 0.4 1.8 0.4	13 Tue 12:53	01:54 08:10 14:17 20:33	1.8 0.4 1.8 1.8	21 Wed 07:00 19:26	01:23 07:32 13:42 19:50	1.7 0.6 1.7 0.5	29 Thu 01:34 14:05	02:24 08:41 14:51 21:15	2.1 2.1 2.1 2.1
6 Tue 07:46 20:12	02:11 08:15 14:30 20:38	1.9 0.5 1.8 0.4	14 Wed 01:20 13:41	02:35 08:49 14:56 21:12	0.5 1.8 0.4 1.8	22 Thu 07:52 20:17	02:17 08:27 14:39 20:47	0.5 0.6 1.7 0.5	30 Fri 02:35 15:06	03:17 09:33 15:42 22:07	0.2 2.1 0.1 2.1
7 Wed 08:38 21:03	03:12 09:17 15:32 21:40	1.8 0.5 2.7 0.5	15 Thu 02:03 14:28	03:14 09:28 15:33 21:50	0.5 1.8 0.4 1.8	23 Fri 08:43 21:08	03:14 09:24 15:39 21:46	1.8 0.5 1.7 0.5			
8 Thu 09:27 21:50	04:11 10:17 16:33 22:40	1.8 0.5 1.7 0.5	16 Fri 02:47 15:11	03:53 10:05 16:10 22:28	0.5 1.8 0.4 1.8	24 Sat 09:33 21:58	04:10 10:22 16:40 22:45	1.8 0.5 1.8 0.4			

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Haurere Point	-00:25	-00:30	Tapuaeohi 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	-00:08
Opotiki Wharf	-00:23	-00:07	Omaio Bay	-00:33	-00:27
Papamoa Beach	-00:40	-00:40	East Cape	-00:45	-00:41
Port Ohope Wharf	+00:20	+00:02	Hicks Bay	-00:39	-00:33
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	-00:31	-00:24	Bowentown	-00:05	-00:05
Whakatane	-00:22	-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	+00:07	+00:18			

TARANAKI

1 Thu 04:02 16:31	00:56 07:09 13:17 19:35	3.7 0.3 3.6 0.3	9 Fri 10:21 22:41	01:59 08:11 14:25 20:38	0.8 3.2 3.1 3.1	17 Sat 03:44 16:08	00:27 06:42 12:42 18:58	3.1 0.9 3.0 0.9	25 Sun 10:33 22:58	01:57 08:05 14:23 20:33	0.6 3.4 0.5 3.5
2 Fri 05:00 17:29	01:42 07:58 14:07 20:24	3.5 0.5 3.4 0.5	10 Sat 11:04 23:25	02:43 08:50 15:04 21:16	3.3 3.3 0.6 3.2	18 Sun 04:33 16:58	01:06 07:24 13:26 19:41	3.0 1.1 2.8 1.1	26 Mon 11:24 23:51	02:45 08:51 15:09 21:19	0.6 3.6 0.2 3.6
3 Sat 05:59 18:29	02:33 08:52 15:03 21:19	3.3 0.7 3.1 0.8	11 Sun 11:46	03:20 09:25 15:40 21:49	0.6 3.3 0.5 3.3	19 Mon 05:24 17:50	01:53 08:17 14:20 20:34	2.8 1.2 2.7 1.2	27 Tue 12:18	03:31 09:37 15:56 21:05	0.2 3.7 0.1 3.7
4 Sun 06:59 18:29	02:32 08:56 15:09 21:22	3.1 0.9 2.9 1.0	12 Mon 00:06 12:27	03:55 09:58 16:14 22:21	0.5 3.4 0.5 3.4	20 Tue 06:16 18:43	02:55 09:21 15:26 21:40	2.7 1.3 2.6 1.3	28 Wed 00:46 13:14	04:17 10:24 16:42 22:50	0.2 3.7 0.1 3.8
5 Mon 06:58 19:27	03:44 10:11 16:25 22:38	2.9 1.1 1.1 1.1	13 Tue 00:47 13:08	04:28 10:29 16:46 22:52	0.5 3.4 0.5 3.3	21 Wed 07:09 19:35	04:09 10:33 16:38 22:55	2.7 1.2 2.6 1.2	29 Thu 01:43 14:14	05:04 11:11 17:29 23:37	0.2 3.7 0.2 3.7
6 Tue 07:54 20:21	05:07 11:31 17:47 23:59	2.8 1.1 2.7 1.1	14 Wed 01:29 13:50	05:00 11:00 17:17 23:22	0.6 3.3 0.6 3.3	22 Thu 08:01 20:26	05:22 11:41 17:49	2.8 1.1 2.8	30 Fri 02:44 15:15	05:53 12:01 18:17	0.2 3.5 0.3
7 Wed 08:47 21:12	06:25 12:43 18:59	2.9 1.0 2.8	15 Thu 02:11 14:34	05:32 11:32 17:49 23:53	0.7 3.2 0.7 3.2	23 Fri 08:52 21:17	00:06 06:24 12:41 18:50	1.1 0.9 0.9 3.0			
8 Thu 09:36 21:59	01:07 07:25 13:39 19:54	1.0 3.0 0.9 3.0	16 Fri 02:56	06:05 12:05 18:22	0.8 3.1 0.8	24 Sat 09:42 22:07	01:06 07:17 13:34 19:44	0.9 3.2 0.6 3.2			

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	+00:02	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	+00:04	-00:10	Whakapirau	+01:25	+01:07
Raglan	+00:28	+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	+00:04	+00:13

MARSDEN POINT

1 Thu 04:00 16:29	04:59 11:14 17:27 23:46	0.5 2.9 0.4 2.9	9 Fri 10:19 22:41	05:34 11:42 17:59	2.5 0.8 2.4	17 Sat 03:42 16:06	04:50 10:58 17:06 23:23	0.9 2.4 0.8 2.5	25 Sun 10:31 22:56	05:33 11:49 18:06	2.6 0.7 2.6
2 Fri 04:58 17:27	05:50 12:04 18:17	0.8 2.8 0.4	10 Sat 11:02 23:23	00:05 06:24 12:33 18:49	0.8 2.6 0.8 2.5	18 Sun 04:31 16:56	05:31 11:38 17:46	1.0 2.4 0.9	26 Mon 11:22 23:49	00:10 06:26 12:42 19:01	0.6 2.8 0.5 2.7
3 Sat 05:57 18:27	00:38 06:44 12:57 19:09	2.8 0.6 2.7 0.5	11 Sun 11:44	00:53 07:10 13:18 19:35	0.8 2.6 0.7 2.5	19 Mon 05:22 17:48	00:05 06:15 12:22 18:30	2.4 0.9 2.3 0.9	27 Tue 12:16	01:04 07:18 13:34 19:54	0.6 2.8 0.4 2.9
4 Sun 06:57 18:27	01:33 06:41 12:52 19:04	2.7 0.6 2.6 0.7	12 Mon 00:04 12:25	01:36 07:52 14:01 20:16	0.8 2.8 0.7 2.6	20 Tue 06:14 18:41	00:53 07:04 13:10 19:19	2.4 0.9 2.3 0.9	28 Wed 00:44 13:12	01:56 08:10 14:25 20:45	0.5 2.9 0.4 2.9
5 Mon 06:56 19:25	01:31 07:41 13:51 20:04	2.									

NAPIER

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

PLACE	HIGH	LOW
HAWKES BAY		
Cape Kidnappers	-00:20	-00:20
Portland Island	-00:15	-00:15
Waioira River Mouth	+00:00	+00:00
WAIRARAPA COAST		
Akito River Entrance	-01:00	-01:00

PLACE	HIGH	LOW
Bare Island	-00:17	-00:17
Cape Turnagain	-00:49	-00:49
Castlepoint	-00:16	-00:18
Porangahau Riv Entrance	-00:38	-00:38
Punawaitai	-00:30	-00:30

WELLINGTON

1 Thu 03:59 16:28	02:36 0.5 08:44 1.8 15:01 0.5 21:11 1.8	9 Fri 10:18 22:40	02:32 1.7 08:45 0.6 14:54 1.6 21:04 0.7	17 Sat 03:40 16:05	02:55 0.7 08:58 1.5 15:09 0.8 21:12 1.6	25 Sun 10:30 22:55	02:30 1.7 08:36 0.6 14:55 1.7 21:09 0.6
2 Fri 04:57 17:26	03:36 0.5 09:42 1.8 15:57 0.5 22:08 1.8	10 Sat 11:01 23:22	03:21 1.6 09:34 0.7 15:44 1.6 21:55 0.7	18 Sun 04:30 16:55	03:39 0.7 09:40 1.5 15:49 0.8 21:55 1.6	26 Mon 11:21 23:48	03:26 1.8 09:32 0.6 15:54 1.7 22:09 0.5
3 Sat 05:56 18:26	04:35 0.5 10:39 1.8 16:52 0.5 23:02 1.8	11 Sun 11:43 00:12	04:09 1.6 10:23 0.7 16:34 1.6 22:45 0.7	19 Mon 05:21 17:47	04:20 0.7 10:20 1.5 16:28 0.7 22:37 1.6	27 Tue 12:15 00:42	04:24 1.8 10:33 0.6 16:53 1.8 23:12 0.5
4 Sun 05:56 18:26	04:32 0.5 10:34 1.7 16:46 0.5 23:02 1.8	12 Mon 00:03 12:23	04:58 1.6 11:14 0.8 17:22 1.5 23:36 0.7	20 Tue 06:13 18:39	04:59 1.7 10:59 1.5 17:07 0.7 23:19 1.6	28 Wed 00:42 13:11	05:24 1.8 11:35 0.6 17:53 1.8
5 Mon 06:55 19:24	05:26 0.5 11:27 1.7 17:39 0.5 23:57 1.8	13 Tue 00:44 13:05	05:48 1.5 12:05 0.8 18:10 1.5	21 Wed 07:06 19:32	05:38 0.7 11:39 1.5 17:48 0.7	29 Thu 01:40 14:10	00:15 0.5 12:37 0.5 18:51 1.8
6 Tue 07:51 20:18	06:18 0.5 12:20 1.7 18:31 0.6	14 Wed 01:25 13:47	06:27 0.8 12:54 0.8 18:57 1.5	22 Thu 07:57 20:23	00:03 1.7 06:17 0.6 12:22 1.6 18:32 0.7	30 Fri 02:41 15:12	01:18 0.5 07:24 1.8 13:37 0.5 19:50 1.9
7 Wed 08:44 21:09	00:51 1.8 07:08 0.5 13:12 1.7 19:23 0.6	15 Thu 02:08 14:31	01:18 0.8 07:26 1.5 13:42 0.8 19:43 1.5	23 Fri 08:49 21:14	00:49 1.7 06:59 0.6 13:08 1.6 19:20 0.6		
8 Thu 09:33 21:56	01:42 1.8 07:57 0.6 14:03 1.6 20:14 0.6	16 Fri 02:53 15:17	02:08 0.8 08:14 1.5 14:26 0.8 20:28 1.6	24 Sat 09:39 22:04	01:37 1.7 07:45 0.6 14:00 1.6 20:12 0.6		

PLACE	HIGH	LOW
COOK STRAIT		
Cape Terawhiti - Oteranga Bay	+01:07	+01:13
Karori Rock Light	+00:45	+00:45

PLACE	HIGH	LOW
WAIRARAPA COAST		
Cape Palliser (Matakitiakiupe)	+00:10	+00:10

NELSON

1 Thu 04:05 16:34	00:59 4.4 06:54 0.4 13:19 4.3 19:24 0.5	9 Fri 10:24 22:46	01:57 1.2 08:12 3.7 14:14 1.1 20:39 3.6	17 Sat 03:47 16:11	00:33 3.8 06:25 1.0 12:47 3.6 18:42 1.1	25 Sun 10:36 23:01	01:53 0.9 08:16 4.0 14:15 0.6 20:38 4.0
2 Fri 05:03 17:32	01:41 4.3 07:36 0.6 14:06 4.0 20:11 0.7	10 Sat 11:07 23:28	02:42 1.0 08:52 3.9 14:53 0.9 21:20 3.8	18 Sun 04:36 17:02	01:05 3.6 07:03 1.2 13:29 3.5 19:21 1.2	26 Mon 11:27 23:54	02:41 0.6 09:01 4.2 15:02 0.4 21:26 4.3
3 Sat 06:02 18:32	02:25 4.0 08:25 0.9 14:58 3.8 21:02 1.0	11 Sun 11:49 00:18	03:20 0.8 09:27 4.0 15:28 0.8 21:56 3.9	19 Mon 05:27 17:53	01:42 3.4 07:52 1.4 14:17 3.3 20:08 1.4	27 Tue 12:21 00:49	03:26 0.4 09:45 4.4 15:48 0.3 22:11 4.4
4 Sun 06:02 18:32	02:14 3.7 08:25 1.2 14:57 3.5 21:01 1.3	12 Mon 06:09 18:46	03:53 0.7 10:00 4.1 16:01 0.8 22:29 4.0	20 Tue 06:20 18:46	01:42 3.4 08:59 1.6 15:16 3.2 21:07 1.5	28 Wed 00:49 13:17	04:09 0.3 10:29 4.4 16:34 0.3 22:55 4.5
5 Mon 07:01 19:30	03:14 3.4 09:48 1.5 16:07 3.3 22:16 1.5	13 Tue 06:50 19:11	04:23 0.7 10:32 4.1 16:32 0.8 23:01 4.0	21 Wed 07:12 19:38	03:40 3.1 10:23 1.6 16:25 3.2 22:24 1.6	29 Thu 01:47 14:17	04:51 0.3 11:14 4.4 17:21 0.4 23:39 4.4
6 Tue 07:58 20:24	04:36 3.3 11:20 1.5 17:27 3.2 23:42 1.5	14 Wed 01:32 13:53	04:52 0.7 11:04 4.0 17:02 0.8 23:31 4.0	22 Thu 08:04 20:28	05:13 3.2 11:37 1.4 17:38 3.3 23:47 1.5	30 Fri 02:47 15:19	05:35 0.5 12:01 4.2 18:08 0.5
7 Wed 08:50 21:15	06:10 3.3 12:33 1.4 18:46 3.3	15 Thu 02:15 14:37	05:21 0.8 11:37 3.9 17:33 0.8	23 Fri 08:55 21:20	06:31 3.4 12:36 1.2 18:46 3.5		
8 Thu 09:39 22:02	00:58 1.4 07:22 3.5 13:28 1.2 19:50 3.4	16 Fri 03:00 15:23	00:02 3.9 05:52 0.9 12:11 3.8 18:06 0.9	24 Sat 09:45 22:02	00:57 1.2 07:28 3.7 13:28 0.9 19:46 3.7		

PLACE	HIGH	LOW
Stevens Island (Takapourewa)	-00:30	-00:30
GOLDEN BAY		
Collingwood	-00:25	-00:25
Motupipi Inlet	-00:25	-00:25
Tarakohe	+00:04	+00:09
MARLBOROUGH SOUNDS		
Catherine Cove	-00:31	-00:32
Elaine Bay	-00:29	-00:40
Elmslie Bay	-00:33	-00:32
Havelock	-00:15	-00:33
Pelorus Sound Entrance	-01:00	-01:20

PLACE	HIGH	LOW
Portage	-00:16	-00:44
Whakatahuri	-00:51	-00:43
RANGITOTO KI TE TONGA/D'URVILLE IS		
Greville Harbour	-00:20	-00:20
TASMAN BAY		
Astrolabe Roadstead	-00:20	-00:20
Crossilles Harbour	-00:18	-00:02
Kaiteriti	+00:01	+00:05
Mapua	+00:20	+00:19
Motueka	+00:05	+00:19

LYTTELTON

1 Thu 04:08 16:36	02:04 0.3 08:15 2.5 14:28 0.3 20:46 2.6	9 Fri 10:27 22:48	02:26 2.3 08:37 0.5 14:47 2.3 21:00 0.6	17 Sat 03:49 16:13	02:07 0.8 08:21 2.0 14:25 0.8 20:40 2.1	25 Sun 10:38 23:04	02:18 2.4 08:31 0.5 14:44 2.4 21:01 0.4
2 Fri 05:05 17:35	03:00 0.3 09:14 2.4 15:24 0.4 21:44 2.5	10 Sat 11:10 23:31	03:13 2.3 09:24 0.6 15:34 2.3 21:48 0.6	18 Sun 04:38 17:04	02:54 0.8 09:08 2.0 15:10 0.8 21:25 2.1	26 Mon 11:30 23:56	03:10 2.5 09:23 0.4 15:38 2.5 21:57 0.4
3 Sat 06:05 18:35	03:58 0.4 10:13 2.4 16:22 0.4 22:42 2.5	11 Sun 11:51 00:20	03:57 2.3 10:08 0.6 16:19 2.3 22:33 0.6	19 Mon 05:30 17:56	03:42 0.8 09:54 2.0 15:57 0.8 22:11 2.1	27 Tue 12:23 00:51	04:03 2.5 10:18 0.3 16:33 2.6 22:53 0.3
4 Sun 06:05 18:34	03:59 0.5 10:12 2.3 16:22 0.4 22:40 2.4	12 Mon 00:12 12:32	04:39 2.2 10:52 0.6 17:02 2.2 23:17 0.6	20 Tue 06:22 18:48	04:31 0.8 10:40 2.0 16:45 0.8 22:58 2.2	28 Wed 00:51 13:20	04:58 2.5 11:14 0.3 17:30 2.6 23:49 0.3
5 Mon 07:04 19:32	05:01 0.5 11:10 2.3 17:21 0.5 23:40 2.4	13 Tue 00:52 13:13	05:21 2.2 11:34 0.6 17:46 2.2 23:59 0.7	21 Wed 07:14 19:40	05:20 0.7 11:27 2.1 17:33 0.7 23:46 2.2	29 Thu 01:49 14:19	05:55 2.5 12:10 0.3 18:28 2.6
6 Tue 08:00 20:27	06:01 0.5 12:08 2.3 18:19 0.5	14 Wed 01:34 13:55	06:04 2.1 12:17 0.7 18:29 2.2	22 Thu 08:06 20:32	06:08 0.7 12:14 2.1 18:23 0.7	30 Fri 02:50 15:21	00:45 0.3 06:55 2.5 13:07 0.3 19:26 2.6
7 Wed 08:52 21:17	00:38 2.4 06:57 0.5 13:04 2.3 19:16 0.6	15 Thu 02:17 14:38	00:41 0.7 06:48 2.1 12:59 0.7 19:12 2.2	23 Fri 08:57 21:22	00:36 2.3 06:54 0.6 13:02 2.2 19:13 0.6		
8 Thu 09:41 22:04	01:34 2.3 07:49 0.5 13:57 2.3 20:09 0.6	16 Fri 03:02 15:25	01:23 0.7 07:34 2.0 13:41 0.7 19:56 2.2	24 Sat 09:48 22:13	01:27 2.3 07:42 0.5 13:52 2.3 20:06 0.5		

PLACE	HIGH	LOW
Cape Campbell	+00:50	+00:57
Kaikoura	+00:17	+00:16
Lucky Bay	+02:30	+02:30
Port Underwood	+01:42	+01:48
Rakaia River Mouth	-00:46	-00:46
Sumner	+00:02	+00:01

PLACE	HIGH	LOW
AKAROA HARBOUR		
French Bay	-00:43	-00:44
Tikao Bay	-00:43	-00:42
CHATHAM ISLAND		
Kaingaroa	+00:53	+00:53
Owenga	+00:22	+00:21
Waitangi	+00:22	+00:21

MOON PHASES
 New