

AUCKLAND

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

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	Welli 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
Mangawai Hds	+00:05	+00:05	Matiatia Bay	-00:12	-00:03
Matakana River	-00:06	+00:01			

TAURANGA

1 Sat 03:38 16:09	04:11 0.2 10:26 2.0 16:33 0.2 23:01 2.1	9 Sun 10:17 22:38	05:26 1.8 11:36 0.5 17:55 1.8 23:58 0.5	17 Mon 04:02 16:28	04:47 0.6 10:55 1.7 16:58 0.5 23:23 1.8	25 Tue 10:47 23:15	05:32 2.0 11:48 0.2 18:12 2.0
2 Sun 04:40 17:10	05:05 0.3 11:20 2.0 17:26 0.2 23:56 2.0	10 Mon 10:58 23:18	06:12 1.8 12:22 0.4 18:41 1.8	18 Tue 04:54	06:12 1.8 11:38 1.7 17:42 0.5	26 Wed 11:44	00:13 0.3 06:28 2.0 12:43 0.2 19:07 2.0
3 Mon 05:39 18:07	06:01 0.3 12:16 1.9 18:20 0.3	11 Tue 11:39	00:43 0.5 06:55 1.8 13:05 0.4 19:24 1.8	19 Wed 05:45 18:10	00:08 1.8 06:17 0.6 12:25 1.7 18:30 0.5	27 Thu 00:15 12:46	01:09 0.3 07:23 2.0 13:36 0.1 20:02 2.1
4 Tue 06:34 19:00	00:53 1.9 06:59 0.4 13:13 1.8 19:17 0.4	12 Wed 00:01 13:56	01:26 0.5 07:37 1.8 13:45 0.4 20:04 1.8	20 Thu 06:35 18:59	00:56 1.8 07:07 0.5 13:17 1.7 19:22 0.5	28 Fri 01:18 13:50	02:04 0.2 08:18 2.0 14:29 0.1 20:56 2.1
5 Wed 07:25 19:49	01:51 1.9 07:57 0.5 14:12 1.8 20:16 0.5	13 Thu 00:45 13:08	02:07 0.5 08:17 1.8 14:24 0.4 20:44 1.8	21 Fri 07:24 19:48	01:48 1.8 08:00 0.5 14:13 1.7 20:18 0.5	29 Sat 02:22 14:54	02:59 2.1 09:13 2.0 15:21 0.1 21:49 2.1
6 Thu 08:12 20:34	02:48 1.8 08:56 0.5 15:12 1.7 21:16 0.5	14 Fri 01:31 13:56	02:46 0.5 08:56 1.8 15:01 0.4 21:23 1.8	22 Sat 08:12 20:37	02:42 1.8 08:56 0.5 15:13 1.8 21:17 0.5	30 Sun 03:25 15:55	03:54 0.3 10:07 2.0 16:13 0.2 22:43 2.1
7 Fri 08:55 21:16	03:44 1.8 09:53 0.5 16:10 1.7 22:15 0.5	15 Sat 02:20 14:45	03:26 0.5 09:35 1.8 15:39 0.4 22:01 1.8	23 Sun 09:02 21:27	03:38 1.9 09:54 0.4 16:14 1.8 22:17 0.4	31 Mon 04:24 16:52	04:48 0.3 11:02 1.9 17:05 0.2 23:36 2.0
8 Sat 09:37 21:57	04:36 1.8 10:46 0.5 17:05 1.7 23:09 0.5	16 Sun 03:11 15:37	04:06 0.5 10:15 1.7 16:18 0.4 22:41 1.8	24 Mon 09:53 22:19	04:35 1.9 10:51 0.3 17:14 1.9 23:16 0.4		

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
Mouthora/Whale ls.	-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 Opeho Wharf	+00:20	+00:01	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
Whakataene	-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 Sat 03:47 16:18	00:26 3.5 06:45 0.5 12:54 3.3 19:08 0.6	9 Sun 10:26 22:46	02:12 0.8 08:16 3.2 14:32 0.7 20:44 3.2	17 Mon 04:11 16:31	00:46 3.0 07:07 1.0 13:08 2.9 19:20 1.0	25 Tue 10:56 23:24	02:17 0.5 08:23 3.5 14:43 0.3 20:55 3.6
2 Sun 04:49 17:19	01:20 3.3 07:42 0.7 13:53 3.0 20:03 0.8	10 Mon 11:07 23:27	02:50 0.7 08:52 3.2 15:09 0.6 21:19 3.2	18 Tue 05:03 17:29	01:34 2.9 07:59 1.1 14:01 2.8 20:11 1.1	26 Wed 11:53	03:08 0.3 09:14 3.6 15:33 0.2 21:44 3.7
3 Mon 05:48 18:16	02:20 3.1 08:45 0.9 14:57 2.9 21:06 1.0	11 Tue 11:48	03:26 0.7 09:26 3.2 15:43 0.6 21:52 3.3	19 Wed 05:54 18:19	02:31 2.9 08:57 1.1 15:01 2.7 21:11 1.1	27 Thu 00:24 12:55	03:58 0.3 10:04 3.6 16:22 0.2 22:33 3.7
4 Tue 06:43 19:09	03:29 2.9 09:54 1.0 16:08 2.8 22:16 1.1	12 Wed 00:10 12:30	04:00 0.7 09:59 3.2 16:17 0.6 22:24 3.3	20 Thu 06:44 19:08	03:36 2.9 09:59 1.1 16:05 2.8 22:18 1.1	28 Fri 01:27 13:59	04:49 0.3 10:56 3.5 17:12 0.2 23:22 3.6
5 Wed 07:34 19:58	04:43 2.9 11:06 1.1 17:22 2.7 23:30 1.1	13 Thu 00:54 13:17	04:34 0.7 10:32 3.2 16:50 0.6 22:57 3.3	21 Fri 07:33 19:57	04:41 2.9 11:01 1.0 17:10 2.9 23:25 1.0	29 Sat 02:31 15:03	05:40 0.4 11:49 3.4 18:01 0.4
6 Thu 08:20 20:43	05:52 2.9 12:11 1.0 18:28 2.8	14 Fri 01:40 14:04	05:08 0.7 11:06 3.1 17:23 0.7 23:30 3.2	22 Sat 08:21 20:46	05:42 3.1 12:01 0.8 18:12 3.0	30 Sun 03:34 16:04	00:13 3.5 06:33 0.5 12:43 3.2 18:52 0.6
7 Fri 09:04 21:25	00:35 1.0 06:49 3.0 13:06 0.9 19:22 2.9	15 Sat 02:29 14:54	05:44 0.8 11:43 3.0 17:58 0.8	23 Sun 09:11 21:38	00:28 0.8 06:38 3.2 12:58 0.6 19:10 3.2	31 Mon 04:33 17:01	01:06 3.3 07:28 0.7 13:39 3.1 19:45 0.8
8 Sat 09:46 22:06	01:28 0.9 07:36 3.1 13:52 0.8 20:06 3.1	16 Sun 03:20 15:45	00:06 3.1 06:23 0.9 12:32 3.0 18:37 0.9	24 Mon 10:02 22:28	01:25 0.6 07:31 3.4 13:51 0.4 20:04 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	Pouto 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
Otaiki River Entrance	-00:20	-00:20	Tikini	+01:38	+01:55
Paraparamu Beach	-00:20	-00:20	Tinopai	+00:59	+00:59
Porirua Harbour	+00:04	-00:09	Whakapirau	+01:25	+01:07
Raglan	+00:28	+00:14	Waiouru 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	Opunake 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 Sat 03:45 16:16	04:34 0.5 10:46 2.8 16:56 0.4 23:20 2.8	9 Sun 10:24 22:44	05:52 2.5 12:03 0.8 18:23 2.5	17 Mon 04:09 16:35	05:07 0.9 11:12 2.4 17:18 0.8 23:40 2.5	25 Tue 10:54 23:22	05:56 2.7 12:15 0.5 18:37 2.8
2 Sun 04:47 17:17	05:29 2.6 11:40 2.7 17:49 0.6	10 Mon 11:05 23:25	00:24 0.9 06:37 2.5 12:48 0.8 19:07 2.5	18 Tue 05:01 16:35	05:51 1.0 11:57 2.4 18:02 0.8	26 Wed 11:51	00:40 0.6 06:51 2.8 13:08 0.4 19:32 2.9
3 Mon 05:46 18:14	00:15 2.8 06:26 0.7 12:35 2.6 18:45 0.7	11 Tue 11:46	01:08 0.9 07:18 2.5 13:29 0.7 19:48 2.5	19 Wed 05:52 18:17	00:27 2.5 06:40 1.0 12:46 2.3 18:51 0.9	27 Thu 00:22 12:53	01:35 0.5 07:46 2.8 14:01 0.3 20:25 2.9
4 Tue 06:41 19:07	01:13 2.7 07:25 0.8 13:34 2.5 19:44 0.8	12 Wed 00:08 12:30	01:49 0.9 07:57 2.5 14:08 0.7 20:26 2.6	20 Thu 06:42 19:06	01:17 2.5 07:32 1.0 13:39 2.3 19:46 0.9	28 Fri 01:25 13:57	02:29 0.5 08:40 2.8 14:53 0.3 21:17 3.0
5 Wed 07:32 19:56	02:12 2.6 08:25 0.8 14:35 2.4 20:45 0.9	13 Thu 00:52 13:15	02:28 0.9 08:35 2.5 14:45 0.7 21:03 2.6	21 Fri 07:31 19:55	02:11 2.5 08:28 0.9 14:37 2.4 20:45 0.9	29 Sat 02:29 15:01	03:23 0.5 09:34 2.8 15:45 0.4 22:09 2.9
6 Thu 08:18 20:41	03:12 2.5 09:25 0.9 15:38 2.4 21:46 0.9	14 Fri 01:38 14:02	03:07 0.9 09:13 2.5 15:22 0.7 21:40 2.6	22 Sat 08:19 20:44	03:07 2.5 09:25 0.8 15:39 2.4 21:45 0.8	30 Sun 03:32 16:02	04:18 0.6 10:28 2.7 16:36 0.5 23:02 2.9
7 Fri 09:02 21:23	04:10 2.5 10:22 0.9 16:38 2.4 22:44 0.9	15 Sat 02:27 14:52	03:45 0.9 09:51 2.4 15:59 0.7 22:18 2.5	23 Sun 09:09 21:34	04:04 2.6 10:23 0.7 16:41 2.5 22:45 0.8	31 Mon 04:31 16:59	05:12 0.6 11:22 2.6 17:29 0.6 23:55 2.8
8 Sat 09:44 22:04	05:03 2.5 11:14 0.8 17:33 2.4 23:37 0.9	16 Sun 03:18 15:43	04:25 0.9 10:31 2.4 1				

NAPIER

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

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	-00:16	-00:18
Waeroa River Mouth	+00:00	+00:00	Porangahau Riv Entrance	-00:38	-00:38
WAIARAPA COAST			Punawaitai	-00:30	-00:30
Akito River Entrance	-01:00	-01:00			

WELLINGTON

1 Sat 03:44 16:15	02:19 0.4 08:22 1.5 14:34 0.5 20:48 1.9	9 Sun 10:23 22:43	02:57 1.6 09:06 0.7 15:19 1.6 21:32 0.7	17 Mon 04:08 16:34	03:08 0.7 09:07 1.5 15:12 0.8 21:20 1.6	25 Tue 10:52 23:21	03:05 1.7 09:10 0.6 15:34 1.8 21:52 0.5
2 Sun 04:37 17:07	03:17 0.4 09:18 1.8 15:30 0.5 21:45 1.9	10 Mon 11:04 23:24	03:44 1.5 09:53 0.7 16:07 1.6 22:21 0.7	18 Tue 05:00 17:25	03:49 0.7 09:47 1.5 15:53 0.7 22:04 1.6	26 Wed 11:50	04:04 1.7 10:11 0.5 16:33 1.8 22:54 0.5
3 Mon 05:36 18:04	04:13 0.4 10:13 1.7 16:25 0.5 22:42 1.8	11 Tue 11:45	04:32 1.5 10:41 0.8 16:54 1.5 23:10 0.8	19 Wed 05:51 18:16	04:29 0.7 10:27 1.5 16:35 0.7 22:48 1.6	27 Thu 00:20 12:52	05:05 1.7 11:12 0.5 17:32 1.9 23:57 0.5
4 Tue 06:31 18:57	05:07 0.5 11:06 1.7 17:19 0.5 23:37 1.8	12 Wed 00:07 12:28	05:20 1.5 11:30 0.8 17:40 1.5	20 Thu 06:41 19:05	05:09 0.7 11:10 1.6 17:20 0.7 23:34 1.7	28 Fri 01:24 13:56	06:04 1.8 12:13 0.5 18:30 1.9
5 Wed 07:22 19:46	05:57 0.5 11:58 1.7 18:12 0.6	13 Thu 00:51 13:14	00:00 0.8 06:08 1.5 12:18 0.8 18:25 1.6	21 Fri 07:30 19:54	05:50 0.6 11:55 1.6 18:07 0.6	29 Sat 02:28 15:00	00:58 0.5 07:03 1.8 13:12 0.5 19:28 1.9
6 Thu 08:09 20:31	00:30 1.8 06:46 0.6 12:50 1.6 19:03 0.6	14 Fri 01:37 14:01	00:50 0.8 06:56 1.5 13:04 0.8 19:09 1.6	22 Sat 08:18 20:43	00:23 1.7 06:34 0.6 12:44 1.6 18:58 0.6	30 Sun 03:31 16:01	00:50 1.7 07:59 1.7 14:10 0.5 20:25 1.9
7 Fri 09:01 21:22	01:21 0.7 07:33 0.6 13:41 1.6 19:54 0.7	15 Sat 02:26 14:51	01:38 0.8 07:41 1.5 13:49 0.8 19:53 1.6	23 Sun 09:08 21:33	01:14 1.7 07:21 0.6 13:37 1.7 19:53 0.6	31 Mon 04:30 16:58	02:56 0.5 08:55 1.7 15:06 0.5 21:22 1.8
8 Sat 09:42 22:03	02:10 1.6 08:20 0.7 14:30 1.6 20:43 0.7	16 Sun 03:17 15:42	02:24 0.7 08:25 1.5 14:31 0.8 20:37 1.6	24 Mon 09:59 22:25	02:08 1.7 08:13 0.6 14:34 1.7 20:51 0.5		

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

NELSON

1 Sat 03:50 16:21	00:23 4.3 06:21 0.7 12:51 3.9 18:56 0.8	9 Sun 10:29 22:50	02:08 1.1 08:15 3.8 14:19 1.0 20:49 3.7	17 Mon 04:14 16:40	00:45 3.7 06:45 1.2 13:10 3.5 19:03 1.2	25 Tue 10:59 23:27	02:12 0.7 07:55 2.4 14:34 0.5 21:00 4.2
2 Sun 04:52 17:22	01:08 4.0 07:13 1.0 13:45 3.7 19:49 1.0	10 Mon 11:10 23:30	02:46 1.0 08:52 3.9 14:55 0.9 21:26 3.9	18 Tue 05:06 17:32	01:24 3.6 07:35 1.3 13:59 3.4 19:50 1.3	26 Wed 11:56	03:00 0.5 09:18 4.2 15:25 0.4 21:49 4.4
3 Mon 05:51 18:19	01:59 3.8 08:17 1.2 14:45 3.4 20:48 1.3	11 Tue 11:51	03:21 0.9 09:26 3.9 15:29 0.9 22:00 4.0	19 Wed 05:57 18:23	02:12 3.4 08:37 1.4 14:54 3.3 20:46 1.4	27 Thu 00:27 12:58	03:47 0.4 10:07 4.3 16:15 0.4 22:36 4.4
4 Tue 06:46 19:12	02:59 3.5 09:36 1.4 15:53 3.3 21:58 1.4	12 Wed 11:10 23:30	03:53 0.8 10:01 3.9 16:03 0.9 22:33 4.0	20 Thu 06:47 19:12	03:16 3.3 09:47 1.4 15:56 3.3 21:53 1.4	28 Fri 01:30 14:02	04:41 0.5 10:56 4.2 17:05 0.5 23:21 4.4
5 Wed 07:37 20:01	04:14 3.3 10:56 1.4 17:05 3.2 23:15 1.5	13 Thu 11:10 23:30	04:24 0.8 10:35 3.9 16:36 0.9 23:06 4.0	21 Fri 07:36 20:00	04:31 3.4 10:54 1.3 17:02 3.4 23:08 1.4	29 Sat 02:34 15:06	05:20 0.6 11:46 4.0 17:54 0.6
6 Thu 08:24 20:46	05:36 3.3 12:01 1.4 18:16 3.3	14 Fri 11:10 23:30	04:55 0.8 11:10 3.8 17:09 0.9 23:38 3.9	22 Sat 08:25 20:49	05:44 3.5 11:55 1.1 18:09 3.5	30 Sun 03:37 16:07	00:07 4.3 06:08 0.7 12:38 3.9 18:43 0.8
7 Fri 09:07 21:28	00:25 1.4 06:43 3.5 12:54 1.2 19:17 3.4	15 Sat 12:32 24:57	05:28 0.9 11:47 3.7 17:45 1.0	23 Sun 09:14 21:38	00:18 1.2 06:46 3.7 12:50 0.9 19:11 3.8	31 Mon 04:36 17:04	00:53 4.1 07:01 1.0 13:32 3.7 19:33 1.0
8 Sat 09:49 22:09	01:22 1.3 07:33 3.6 13:39 1.1 20:07 3.6	16 Sun 03:23 15:47	00:10 3.8 06:04 1.0 12:26 3.6 18:22 1.1	24 Mon 10:05 22:31	01:19 0.9 07:39 3.9 13:43 0.7 20:08 4.0		

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Stephens 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	+00:04	+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	Kaiteriteri	+00:01	+00:05
Elmslie Bay	-00:33	-00:32	Mapua	+00:20	+00:19
Havelock	-00:15	-00:33	Motueka	+00:05	+00:19
Pelorus Sound Entrance	-01:00	-01:20			

LYTTELTON

1 Sat 03:52 16:23	01:42 0.3 07:55 2.4 14:04 0.4 20:25 2.6	9 Sun 10:32 22:52	02:44 2.2 08:54 0.6 15:08 2.2 21:22 0.7	17 Mon 04:17 16:43	02:24 0.8 08:37 2.0 14:37 0.8 20:53 2.2	25 Tue 11:01 23:29	02:45 2.4 08:57 0.4 15:16 2.6 21:35 0.4
2 Sun 04:52 17:22	02:41 0.4 08:55 2.4 15:02 0.4 21:23 2.5	10 Mon 11:12 23:33	03:28 2.2 09:38 0.6 15:52 2.2 22:07 0.7	18 Tue 05:08 17:34	03:10 0.7 09:23 2.0 15:23 0.8 21:38 2.2	26 Wed 11:59	03:40 2.5 09:54 0.3 16:13 2.6 22:33 0.3
3 Mon 05:54 18:22	03:41 0.4 09:54 2.3 16:01 0.5 22:21 2.5	11 Tue 11:54	04:10 2.2 10:21 0.6 16:34 2.2 22:50 0.7	19 Wed 05:59 18:24	03:58 0.7 10:08 2.1 16:11 0.7 22:25 2.2	27 Thu 00:29 13:00	04:37 2.5 10:52 0.3 17:11 2.7 23:30 0.3
4 Tue 06:49 19:14	04:41 0.5 10:51 2.3 17:00 0.5 23:18 2.4	12 Wed 12:37	04:51 2.1 11:03 0.7 17:16 2.2 23:32 0.7	20 Thu 06:49 19:14	04:46 0.7 10:54 2.1 17:01 0.7 23:14 2.2	28 Fri 01:32 14:04	05:35 2.5 11:50 0.3 18:09 2.7
5 Wed 07:39 20:03	05:38 0.5 11:47 2.3 17:58 0.6	13 Thu 13:22	05:33 2.1 11:42 0.7 17:58 2.2	21 Fri 07:38 20:02	05:34 0.6 11:42 2.2 17:52 0.6	29 Sat 02:37 15:08	00:27 0.3 06:35 2.4 12:47 0.3 19:06 2.6
6 Thu 08:26 20:48	00:14 2.3 06:32 0.5 12:41 2.3 18:53 0.6	14 Fri 14:10	00:14 0.7 06:17 2.0 12:28 0.7 18:41 2.2	22 Sat 08:27 20:51	00:04 2.3 06:22 0.6 12:32 2.3 18:46 0.6	30 Sun 03:40 16:10	01:23 0.3 07:35 2.4 13:43 0.4 20:04 2.6
7 Fri 09:09 21:30	01:08 2.3 07:22 0.6 13:33 2.2 19:45 0.6	15 Sat 15:00	00:56 0.7 07:03 2.0 13:10 0.7 19:24 2.2	23 Sun 09:16 21:41	00:57 2.3 07:12 0.5 13:25 2.4 19:41 0.5	31 Mon 04:39 17:06	02:20 0.4 08:34 2.4 14:40 0.4 21:00 2.5
8 Sat 09:51 22:11	01:58 2.3 08:09 0.6 14:22 2.2 20:35 0.7	16 Sun 03:25 15:51	01:39 0.7 07:50 2.0 13:53 0.8 20:08 2.2	24 Mon 10:07 22:34	01:51 2.4 08:03 0.4 14:20 2.5 20:38 0.4		

PLACE	HIGH	LOW	PLACE	HIGH	LOW
Cape Campbell	+00:50	+00:57	AKAROA HARBOUR		
Kaikoura	+00:17	+00:16	French Bay	-00:43	-00:44
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
Summer	+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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