



New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

January 2028

N.Z. Local Times and Heights of High and Low Waters

1 Sa	Time 01:13 07:21 13:37 19:41	m 0.5 1.9 0.5 1.8	9 Su	Time 01:31 07:50 13:57 20:06	m 1.9 0.5 1.9 0.4	17 Mo	Time 02:21 08:34 14:50 21:05	m 0.2 2.2 0.2 2.1	25 Tu	Time 03:33 09:47 15:50 21:59	m 2.0 0.4 1.9 0.4
2 Su	01:54 08:01 14:18 20:25	0.5 1.8 0.5 1.7	10 Mo	02:25 08:42 14:48 20:56	2.0 0.4 1.9 0.3	18 Tu	03:18 09:33 15:48 22:06	0.2 2.1 0.3 2.1	26 We	04:16 10:27 16:31 22:40	2.0 0.4 1.9 0.4
3 Mo	02:36 08:44 15:02 21:13	0.5 1.8 0.6 1.7	11 Tu	03:18 09:32 15:39 21:48	2.1 0.3 2.0 0.2	19 We	04:18 10:35 16:49 23:06	0.3 2.0 0.3 2.0	27 Th	04:56 11:06 17:10 23:20	2.0 0.4 1.9 0.4
4 Tu	03:20 09:32 15:48 22:02	0.6 1.7 0.6 1.7	12 We	04:10 10:23 16:30 22:41	2.2 0.2 2.1 0.1	20 Th	05:21 11:35 17:49	0.4 1.9 0.4	28 Fr	05:33 11:43 17:47 23:59	2.0 0.4 1.9 0.4
5 We	04:08 10:23 16:38 22:53	0.6 1.7 0.6 1.7	13 Th	05:01 11:14 17:22 23:35	2.3 0.2 2.2 0.1	21 Fr	00:05 06:24 12:33 18:47	2.0 0.4 1.9 0.4	29 Sa	06:08 12:20 18:24	1.9 0.5 1.8
6 Th	05:00 11:17 17:30 23:45	0.6 1.7 0.6 1.8	14 Fr	05:52 12:06 18:14	2.3 0.1 2.2	22 Sa	01:02 07:24 13:28 19:41	2.0 0.4 1.9 0.4	30 Su	00:37 06:44 12:58 19:02	0.5 1.9 0.5 1.8
7 Fr	05:57 12:11 18:23	0.6 1.7 0.5	15 Sa	00:29 06:44 12:59 19:09	0.1 2.3 0.1 2.2	23 Su	01:56 08:17 14:19 20:30	2.0 0.4 1.9 0.4	31 Mo	01:16 07:20 13:37 19:43	0.5 1.8 0.5 1.8
8 Sa	00:38 06:55 13:04 19:15	1.8 0.6 1.8 0.5	16 Su	01:25 07:38 13:54 20:05	0.1 2.2 0.2 2.2	24 Mo	02:47 09:04 15:06 21:16	2.0 0.4 1.9 0.4			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

February 2028

N.Z. Local Times and Heights of High and Low Waters

1 Tu	Time m 01:56 0.5 08:01 1.8 14:18 0.6 20:28 1.7	9 We	Time m 02:56 2.2 09:10 0.2 15:18 2.1 21:28 0.1	17 Th	Time m 03:56 0.4 10:11 1.9 16:25 0.4 22:44 2.0	25 Fr	Time m 04:26 2.0 10:34 0.4 16:40 1.9 22:50 0.4
2 We	02:40 0.6 08:47 1.7 15:04 0.6 21:18 1.7	10 Th	03:49 2.3 10:00 0.2 16:09 2.2 22:21 0.1	18 Fr	05:00 0.5 11:14 1.8 17:27 0.4 23:45 1.9	26 Sa	05:01 2.0 11:09 0.4 17:15 1.9 23:27 0.4
3 Th	03:27 0.6 09:40 1.7 15:54 0.6 22:13 1.7	11 Fr	04:40 2.3 10:51 0.1 17:01 2.3 23:14 0.0	19 Sa	06:05 0.5 12:13 1.8 18:27 0.4	27 Su	05:35 1.9 11:44 0.4 17:51 1.9
4 Fr	04:21 0.6 10:39 1.7 16:49 0.6 23:10 1.8	12 Sa	05:30 2.4 11:42 0.1 17:53 2.3	20 Su	00:42 1.9 07:04 0.5 13:08 1.8 19:21 0.4	28 Mo	00:04 0.4 06:09 1.9 12:21 0.5 18:28 1.8
5 Sa	05:23 0.6 11:38 1.7 17:48 0.5	13 Su	00:08 0.0 06:21 2.3 12:35 0.1 18:46 2.3	21 Mo	01:35 1.9 07:56 0.5 13:57 1.9 20:09 0.4	29 Tu	00:43 0.5 06:46 1.8 13:00 0.5 19:08 1.8
6 Su	00:08 1.8 06:26 0.6 12:36 1.8 18:46 0.5	14 Mo	01:03 0.1 07:14 2.2 13:29 0.2 19:42 2.2	22 Tu	02:24 1.9 08:41 0.4 14:42 1.9 20:53 0.4		
7 Mo	01:06 1.9 07:25 0.5 13:32 1.9 19:42 0.4	15 Tu	01:58 0.2 08:09 2.1 14:25 0.2 20:41 2.1	23 We	03:08 2.0 09:21 0.4 15:24 1.9 21:34 0.4		
8 Tu	02:02 2.0 08:19 0.4 14:25 2.0 20:35 0.2	16 We	02:55 0.3 09:09 2.0 15:24 0.3 21:42 2.0	24 Th	03:49 2.0 09:59 0.4 16:03 1.9 22:13 0.4		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

March 2028

N.Z. Local Times and Heights of High and Low Waters

1 We	Time m 01:24 0.5 07:26 1.8 13:42 0.6 19:53 1.8	9 Th	Time m 02:34 2.2 08:47 0.2 14:56 2.2 21:08 0.1	17 Fr	Time m 03:32 0.4 09:46 1.8 15:59 0.4 22:19 1.9	25 Sa	Time m 03:53 1.9 10:00 0.4 16:08 1.9 22:19 0.4
2 Th	02:08 0.6 08:13 1.7 14:29 0.6 20:45 1.8	10 Fr	03:27 2.3 09:37 0.1 15:48 2.3 22:01 0.0	18 Sa	04:35 0.5 10:49 1.8 17:00 0.5 23:19 1.9	26 Su	04:28 1.9 10:35 0.4 16:44 1.9 22:56 0.4
3 Fr	02:58 0.6 09:08 1.7 15:21 0.6 21:42 1.8	11 Sa	04:18 2.3 10:27 0.1 16:40 2.3 22:53 0.0	19 Su	05:38 0.5 11:48 1.8 17:59 0.5	27 Mo	05:03 1.9 11:10 0.4 17:21 1.9 23:34 0.4
4 Sa	03:54 0.6 10:10 1.7 16:19 0.6 22:43 1.8	12 Su	05:08 2.3 11:17 0.1 17:32 2.3 23:47 0.0	20 Mo	00:16 1.9 06:37 0.5 12:41 1.8 18:53 0.5	28 Tu	05:39 1.9 11:48 0.5 18:00 1.9
5 Su	04:57 0.6 11:13 1.7 17:21 0.5 23:44 1.9	13 Mo	05:58 2.3 12:10 0.1 18:24 2.3	21 Tu	01:07 1.9 07:27 0.5 13:29 1.8 19:41 0.5	29 We	00:14 0.5 06:18 1.8 12:29 0.5 18:42 1.9
6 Mo	06:01 0.5 12:13 1.8 18:22 0.4	14 Tu	00:41 0.1 06:50 2.2 13:04 0.2 19:19 2.2	22 We	01:54 1.9 08:11 0.5 14:13 1.9 20:25 0.4	30 Th	00:58 0.5 07:01 1.8 13:15 0.5 19:29 1.9
7 Tu	00:43 2.0 07:02 0.4 13:09 1.9 19:20 0.3	15 We	01:36 0.2 07:44 2.1 14:00 0.3 20:17 2.1	23 Th	02:37 1.9 08:50 0.4 14:53 1.9 21:05 0.4	31 Fr	01:45 0.5 07:50 1.7 14:05 0.5 20:22 1.8
8 We	01:40 2.1 07:56 0.3 14:03 2.1 20:15 0.2	16 Th	02:33 0.3 08:43 1.9 14:58 0.4 21:17 2.0	24 Fr	03:16 1.9 09:26 0.4 15:32 1.9 21:42 0.4		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

April 2028

N.Z. Local Times and Heights of High and Low Waters

1 Sa	Time 02:37 08:47 14:59 21:20	m 0.6 1.7 0.5 1.8	9 Su	Time 02:56 09:03 15:19 21:33	m 2.3 0.1 2.3 0.1	17 Mo	Time 04:03 10:16 16:23 22:41	m 0.5 1.8 0.5 1.8	25 Tu	Time 03:33 09:39 15:54 22:08	m 1.9 0.4 2.0 0.4
2 Su	02:34 08:49 14:58 21:22	0.6 1.7 0.5 1.9	10 Mo	03:46 09:54 16:11 22:26	2.2 0.1 2.3 0.1	18 Tu	04:59 11:07 17:16 23:31	0.5 1.8 0.5 1.8	26 We	04:13 10:20 16:36 22:51	1.9 0.4 2.0 0.4
3 Mo	03:36 09:52 15:59 22:23	0.5 1.8 0.5 1.9	11 Tu	04:36 10:46 17:03 23:19	2.2 0.2 2.2 0.2	19 We	05:49 11:54 18:05	0.5 1.8 0.5	27 Th	04:55 11:05 17:22 23:38	1.9 0.4 2.0 0.5
4 Tu	04:39 10:52 17:01 23:22	0.5 1.9 0.4 2.0	12 We	05:27 11:40 17:57	2.1 0.2 2.1	20 Th	00:17 06:33 12:37 18:50	1.8 0.5 1.8 0.5	28 Fr	05:41 11:55 18:11	1.8 0.4 2.0
5 We	05:39 11:48 17:59	0.4 2.0 0.3	13 Th	00:13 06:20 12:35 18:52	0.3 2.0 0.3 2.0	21 Fr	01:00 07:13 13:18 19:31	1.9 0.5 1.9 0.5	29 Sa	00:28 06:32 12:47 19:04	0.5 1.8 0.4 1.9
6 Th	00:18 06:33 12:42 18:55	2.1 0.3 2.1 0.2	14 Fr	01:09 07:17 13:32 19:49	0.4 1.9 0.4 2.0	22 Sa	01:40 07:50 13:57 20:09	1.9 0.4 1.9 0.4	30 Su	01:21 07:30 13:43 20:02	0.5 1.8 0.4 1.9
7 Fr	01:12 07:24 13:35 19:49	2.2 0.2 2.2 0.1	15 Sa	02:05 08:17 14:29 20:48	0.5 1.8 0.5 1.9	23 Su	02:18 08:25 14:35 20:48	1.9 0.4 1.9 0.4			
8 Sa	02:05 08:14 14:27 20:41	2.2 0.1 2.3 0.1	16 Su	03:04 09:19 15:27 21:46	0.5 1.8 0.5 1.8	24 Mo	02:55 09:01 15:14 21:27	1.9 0.4 1.9 0.4			

Times shown in bold have been adjusted for N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

May 2028

N.Z. Local Times and Heights of High and Low Waters

1 Mo	Time m 02:17 0.5 08:31 1.8 14:40 0.4 21:02 2.0	9 Tu	Time m 03:25 2.1 09:33 0.2 15:53 2.2 22:07 0.2	17 We	Time m 04:13 0.6 10:25 1.8 16:31 0.6 22:47 1.8	25 Th	Time m 03:50 1.9 09:57 0.4 16:16 2.0 22:31 0.4
2 Tu	03:17 0.5 09:32 1.9 15:40 0.4 22:02 2.0	10 We	04:15 2.1 10:25 0.2 16:44 2.2 22:59 0.3	18 Th	05:04 0.5 11:12 1.8 17:21 0.6 23:33 1.8	26 Fr	04:35 1.9 10:45 0.3 17:04 2.1 23:20 0.4
3 We	04:17 0.4 10:31 2.0 16:40 0.3 23:00 2.0	11 Th	05:04 2.0 11:17 0.3 17:34 2.1 23:50 0.3	19 Fr	05:50 0.5 11:56 1.8 18:09 0.5	27 Sa	05:24 1.9 11:37 0.3 17:54 2.1
4 Th	05:16 0.3 11:27 2.0 17:40 0.3 23:57 2.1	12 Fr	05:55 1.9 12:10 0.3 18:26 2.0	20 Sa	00:18 1.8 06:32 0.5 12:39 1.8 18:53 0.5	28 Su	00:11 0.4 06:16 1.9 12:31 0.3 18:47 2.1
5 Fr	06:11 0.3 12:22 2.1 18:37 0.2	13 Sa	00:42 0.4 06:48 1.9 13:03 0.4 19:18 1.9	21 Su	01:01 1.8 07:12 0.5 13:21 1.9 19:36 0.5	29 Mo	01:04 0.4 07:12 1.9 13:26 0.3 19:43 2.1
6 Sa	00:51 2.1 07:03 0.2 13:16 2.2 19:31 0.2	14 Su	01:34 0.5 07:44 1.8 13:55 0.5 20:11 1.9	22 Mo	01:42 1.8 07:50 0.4 14:03 1.9 20:18 0.5	30 Tu	01:59 0.4 08:12 1.9 14:22 0.3 20:41 2.0
7 Su	01:44 2.2 07:53 0.2 14:09 2.2 20:24 0.2	15 Mo	02:27 0.5 08:40 1.8 14:47 0.5 21:05 1.8	23 Tu	02:24 1.9 08:30 0.4 14:46 2.0 21:00 0.4	31 We	02:56 0.4 09:12 2.0 15:21 0.3 21:41 2.0
8 Mo	02:35 2.2 08:43 0.1 15:01 2.2 21:15 0.2	16 Tu	03:20 0.6 09:35 1.7 15:39 0.5 21:57 1.8	24 We	03:06 1.9 09:12 0.4 15:30 2.0 21:44 0.4		

Times listed are N.Z. Standard Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

June 2028

N.Z. Local Times and Heights of High and Low Waters

1 Th	Time 03:55 10:11 16:21 22:40	m 0.3 2.0 0.3 2.0	9 Fr	Time 04:42 10:54 17:11 23:25	m 2.0 0.3 2.1 0.4	17 Sa	Time 05:01 11:12 17:24 23:34	m 0.6 1.8 0.6 1.7	25 Su	Time 05:05 11:19 17:35 23:50	m 2.1 0.2 2.2 0.2
2 Fr	04:54 11:08 17:21 23:37	0.3 2.1 0.3 2.0	10 Sa	05:29 11:43 17:57	1.9 0.4 2.0	18 Su	05:48 11:58 18:15	0.5 1.8 0.6	26 Mo	05:57 12:13 18:27	2.1 0.2 2.2
3 Sa	05:50 12:04 18:20	0.3 2.1 0.3	11 Su	00:12 06:17 12:31 18:43	0.4 1.9 0.4 1.9	19 Mo	00:22 06:33 12:45 19:03	1.8 0.5 1.9 0.5	27 Tu	00:43 06:53 13:07 19:22	0.2 2.1 0.2 2.1
4 Su	00:32 06:44 12:59 19:16	2.1 0.2 2.1 0.3	12 Mo	00:58 07:05 13:18 19:29	0.5 1.8 0.5 1.9	20 Tu	01:08 07:17 13:32 19:49	1.8 0.4 1.9 0.5	28 We	01:37 07:51 14:03 20:20	0.3 2.1 0.2 2.1
5 Mo	01:26 07:36 13:53 20:09	2.1 0.2 2.2 0.3	13 Tu	01:45 07:56 14:04 20:17	0.5 1.8 0.5 1.8	21 We	01:54 08:01 14:20 20:35	1.9 0.4 2.0 0.4	29 Th	02:34 08:51 15:01 21:20	0.3 2.1 0.3 2.0
6 Tu	02:17 08:26 14:45 21:00	2.1 0.2 2.2 0.3	14 We	02:32 08:47 14:51 21:07	0.5 1.7 0.6 1.8	22 Th	02:40 08:47 15:08 21:22	1.9 0.3 2.1 0.3	30 Fr	03:33 09:51 16:02 22:20	0.3 2.0 0.3 2.0
7 We	03:07 09:15 15:35 21:49	2.0 0.2 2.1 0.3	15 Th	03:21 09:37 15:40 21:57	0.6 1.7 0.6 1.7	23 Fr	03:27 09:36 15:56 22:10	2.0 0.3 2.1 0.3			
8 Th	03:55 10:05 16:24 22:38	2.0 0.3 2.1 0.3	16 Fr	04:12 10:25 16:31 22:46	0.6 1.7 0.6 1.7	24 Sa	04:15 10:26 16:45 22:59	2.0 0.2 2.2 0.3			

Times listed are N.Z. Standard Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

July 2028

N.Z. Local Times and Heights of High and Low Waters

1 Sa	Time m 04:34 0.3 10:50 2.1 17:05 0.4 23:19 2.0	9 Su	Time m 05:02 1.9 11:14 0.4 17:26 2.0 23:39 0.4	17 Mo	Time m 05:05 0.6 11:20 1.8 17:37 0.6 23:45 1.7	25 Tu	Time m 05:37 2.2 11:52 0.1 18:05 2.3
2 Su	05:32 0.3 11:48 2.1 18:07 0.4	10 Mo	05:44 1.9 11:57 0.4 18:06 1.9	18 Tu	05:56 0.5 12:12 1.9 18:31 0.5	26 We	00:20 0.2 06:32 2.2 12:47 0.1 19:00 2.2
3 Mo	00:16 2.0 06:28 0.3 12:44 2.1 19:04 0.4	11 Tu	00:20 0.5 06:26 1.8 12:39 0.5 18:46 1.9	19 We	00:36 1.8 06:46 0.4 13:04 2.0 19:22 0.4	27 Th	01:15 0.2 07:29 2.1 13:43 0.2 19:58 2.1
4 Tu	01:10 2.0 07:21 0.3 13:38 2.1 19:56 0.3	12 We	01:02 0.5 07:10 1.8 13:21 0.5 19:28 1.8	20 Th	01:26 1.9 07:35 0.3 13:55 2.1 20:10 0.3	28 Fr	02:12 0.3 08:30 2.1 14:42 0.3 20:59 2.0
5 We	02:01 2.0 08:11 0.3 14:30 2.1 20:45 0.3	13 Th	01:45 0.5 07:56 1.7 14:04 0.6 20:15 1.8	21 Fr	02:16 2.0 08:24 0.2 14:45 2.2 20:58 0.3	29 Sa	03:12 0.3 09:31 2.1 15:45 0.4 22:01 2.0
6 Th	02:49 2.0 08:59 0.3 15:18 2.1 21:30 0.3	14 Fr	02:31 0.6 08:45 1.7 14:51 0.6 21:05 1.7	22 Sa	03:05 2.1 09:14 0.2 15:35 2.2 21:46 0.2	30 Su	04:14 0.3 10:33 2.0 16:50 0.4 23:02 1.9
7 Fr	03:35 2.0 09:45 0.3 16:03 2.1 22:15 0.4	15 Sa	03:20 0.6 09:36 1.7 15:43 0.6 21:59 1.7	23 Su	03:54 2.2 10:06 0.1 16:24 2.3 22:36 0.1	31 Mo	05:16 0.4 11:32 2.0 17:53 0.4
8 Sa	04:19 2.0 10:30 0.3 16:45 2.0 22:57 0.4	16 Su	04:12 0.6 10:28 1.7 16:39 0.6 22:53 1.7	24 Mo	04:45 2.2 10:59 0.1 17:14 2.3 23:27 0.1		

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

August 2028

N.Z. Local Times and Heights of High and Low Waters

1 Tu	Time m 00:00 1.9 06:14 0.3 12:29 2.0 18:50 0.4	9 We	Time m 05:48 1.9 12:02 0.5 18:06 1.9	17 Th	Time m 00:08 1.8 06:18 0.4 12:37 2.0 18:55 0.4	25 Fr	Time m 00:52 0.2 07:08 2.2 13:24 0.2 19:36 2.1
2 We	00:53 1.9 07:06 0.3 13:22 2.0 19:41 0.4	10 Th	00:21 0.5 06:28 1.8 12:42 0.5 18:45 1.8	18 Fr	01:00 2.0 07:10 0.3 13:30 2.1 19:44 0.3	26 Sa	01:51 0.3 08:09 2.1 14:23 0.3 20:38 2.0
3 Th	01:43 1.9 07:55 0.3 14:11 2.0 20:26 0.4	11 Fr	01:02 0.5 07:11 1.8 13:24 0.6 19:29 1.7	19 Sa	01:51 2.1 08:01 0.2 14:21 2.2 20:33 0.2	27 Su	02:52 0.3 09:12 2.0 15:27 0.4 21:42 1.9
4 Fr	02:29 2.0 08:40 0.3 14:57 2.0 21:08 0.4	12 Sa	01:47 0.6 08:00 1.7 14:10 0.6 20:20 1.7	20 Su	02:42 2.2 08:53 0.1 15:12 2.3 21:22 0.1	28 Mo	03:55 0.4 10:14 2.0 16:33 0.4 22:44 1.9
5 Sa	03:13 2.0 09:23 0.3 15:38 2.0 21:48 0.4	13 Su	02:36 0.6 08:53 1.7 15:02 0.6 21:18 1.7	21 Mo	03:32 2.3 09:45 0.0 16:02 2.4 22:11 0.1	29 Tu	04:57 0.4 11:14 2.0 17:36 0.4 23:41 1.9
6 Su	03:53 2.0 10:04 0.3 16:17 2.0 22:26 0.4	14 Mo	03:29 0.6 09:49 1.8 16:01 0.6 22:16 1.7	22 Tu	04:23 2.3 10:38 0.0 16:52 2.3 23:03 0.1	30 We	05:55 0.4 12:10 2.0 18:31 0.4
7 Mo	04:32 1.9 10:44 0.4 16:54 2.0 23:04 0.4	15 Tu	04:26 0.6 10:46 1.8 17:03 0.6 23:14 1.7	23 We	05:16 2.3 11:32 0.0 17:43 2.3 23:57 0.1	31 Th	00:33 1.9 06:47 0.4 13:01 2.0 19:19 0.4
8 Tu	05:10 1.9 11:23 0.4 17:30 1.9 23:42 0.4	16 We	05:23 0.5 11:42 1.9 18:01 0.5	24 Th	06:10 2.3 12:27 0.1 18:37 2.2		

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

September 2028

N.Z. Local Times and Heights of High and Low Waters

1 Fr	Time 01:21 07:34 13:48 20:01	m 1.9 0.3 2.0 0.4	9 Sa	Time 00:27 06:37 12:52 18:55	m 0.5 1.8 0.6 1.7	17 Su	Time 01:27 07:39 13:57 20:08	m 2.1 0.1 2.2 0.1	25 Mo	Time 03:30 09:50 16:06 22:20	m 0.3 2.0 0.4 1.9
2 Sa	02:05 08:16 14:31 20:41	1.9 0.3 2.0 0.4	10 Su	01:12 07:25 13:39 19:47	0.6 1.8 0.6 1.7	18 Mo	02:19 08:31 14:48 20:57	2.3 0.0 2.3 0.1	26 Tu	04:32 10:52 17:10 23:22	0.4 2.0 0.5 1.9
3 Su	02:46 08:57 15:10 21:18	2.0 0.3 2.0 0.4	11 Mo	02:02 08:19 14:32 20:46	0.6 1.8 0.6 1.7	19 Tu	03:11 09:24 15:39 21:47	2.3 0.0 2.3 0.0	27 We	05:33 11:50 18:10	0.4 1.9 0.5
4 Mo	03:25 09:35 15:46 21:54	2.0 0.4 2.0 0.4	12 Tu	02:56 09:17 15:31 21:47	0.6 1.8 0.6 1.7	20 We	04:03 10:17 16:30 22:40	2.4 0.0 2.3 0.1	28 Th	00:17 06:29 12:44 19:04	1.9 0.4 1.9 0.4
5 Tu	04:02 10:13 16:21 22:29	1.9 0.4 2.0 0.4	13 We	03:55 10:17 16:33 22:46	0.5 1.8 0.6 1.8	21 Th	04:55 11:11 17:21 23:34	2.3 0.1 2.2 0.1	29 Fr	01:08 07:20 13:33 19:50	1.9 0.4 1.9 0.4
6 We	04:38 10:50 16:56 23:06	1.9 0.4 1.9 0.4	14 Th	04:54 11:15 17:33 23:41	0.5 1.9 0.5 1.9	22 Fr	05:50 12:07 18:16	2.3 0.1 2.1	30 Sa	01:54 08:06 14:18 20:32	1.9 0.4 1.9 0.4
7 Th	05:15 11:29 17:32 23:45	1.9 0.5 1.9 0.5	15 Fr	05:52 12:11 18:27	0.4 2.0 0.4	23 Sa	00:31 06:47 13:04 19:14	0.2 2.2 0.2 2.0			
8 Fr	05:54 12:09 18:11	1.8 0.5 1.8	16 Sa	00:35 06:46 13:05 19:18	2.0 0.2 2.1 0.2	24 Su	01:29 08:47 15:04 21:16	0.3 2.1 0.3 1.9			

Times shown in bold have been adjusted for N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

October 2028

N.Z. Local Times and Heights of High and Low Waters

1 Su	Time m 02:36 1.9 08:49 0.4 15:00 2.0 21:10 0.4	9 Mo	Time m 01:45 0.5 08:00 1.9 14:16 0.6 20:22 1.7	17 Tu	Time m 02:58 2.3 09:11 0.1 15:26 2.3 21:34 0.1	25 We	Time m 04:03 0.4 10:22 1.9 16:39 0.5 22:52 1.8
2 Mo	03:17 1.9 09:28 0.4 15:38 2.0 21:46 0.4	10 Tu	02:37 0.5 08:54 1.8 15:09 0.6 21:21 1.7	18 We	03:51 2.3 10:04 0.1 16:18 2.3 22:25 0.1	26 Th	05:01 0.5 11:18 1.9 17:36 0.5 23:46 1.8
3 Tu	03:55 1.9 10:06 0.4 16:15 1.9 22:21 0.4	11 We	03:31 0.5 09:52 1.9 16:07 0.5 22:22 1.8	19 Th	04:44 2.3 10:58 0.1 17:09 2.2 23:18 0.1	27 Fr	05:55 0.5 12:11 1.9 18:28 0.5
4 We	04:32 1.9 10:43 0.4 16:50 1.9 22:57 0.4	12 Th	04:29 0.5 10:51 1.9 17:07 0.5 23:21 1.9	20 Fr	05:37 2.3 11:52 0.1 18:01 2.2	28 Sa	00:35 1.9 06:47 0.5 12:59 1.9 19:15 0.4
5 Th	05:09 1.9 11:21 0.4 17:26 1.9 23:34 0.4	13 Fr	05:28 0.4 11:50 2.0 18:06 0.4	21 Sa	00:13 0.1 06:31 2.2 12:48 0.2 18:54 2.1	29 Su	01:21 1.9 07:33 0.5 13:43 1.9 19:57 0.4
6 Fr	05:46 1.9 12:01 0.5 18:03 1.9	14 Sa	00:17 2.0 06:27 0.3 12:46 2.1 19:01 0.3	22 Su	01:10 0.2 07:26 2.2 13:44 0.3 19:51 2.0	30 Mo	02:03 1.9 08:17 0.4 14:25 1.9 20:36 0.4
7 Sa	00:14 0.5 06:27 1.9 12:43 0.5 18:44 1.8	15 Su	01:11 2.1 07:23 0.2 13:41 2.1 19:53 0.2	23 Mo	02:07 0.3 08:24 2.1 14:41 0.4 20:52 1.9	31 Tu	02:44 1.9 08:57 0.4 15:05 1.9 21:13 0.4
8 Su	00:58 0.5 07:11 1.9 13:28 0.5 19:30 1.8	16 Mo	02:05 2.2 08:18 0.1 14:34 2.2 20:44 0.1	24 Tu	03:05 0.4 09:23 2.0 15:40 0.4 21:53 1.9		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

November 2028

N.Z. Local Times and Heights of High and Low Waters

1 We	Time m 03:24 1.9 09:37 0.4 15:43 1.9 21:49 0.4	9 Th	Time m 03:10 0.4 09:29 1.9 15:44 0.5 21:59 1.9	17 Fr	Time m 04:27 2.3 10:41 0.2 16:50 2.2 23:00 0.1	25 Sa	Time m 05:14 0.5 11:30 1.8 17:46 0.5 23:57 1.8
2 Th	04:03 1.9 10:15 0.4 16:21 1.9 22:27 0.4	10 Fr	04:07 0.4 10:28 2.0 16:42 0.4 22:58 1.9	18 Sa	05:19 2.3 11:35 0.2 17:41 2.1 23:54 0.2	26 Su	06:05 0.5 12:19 1.8 18:34 0.5
3 Fr	04:42 1.9 10:55 0.4 16:59 1.9 23:06 0.4	11 Sa	05:05 0.4 11:26 2.0 17:40 0.4 23:54 2.0	19 Su	06:12 2.2 12:28 0.3 18:33 2.0	27 Mo	00:43 1.8 06:55 0.5 13:05 1.8 19:19 0.5
4 Sa	05:22 2.0 11:36 0.4 17:39 1.9 23:49 0.4	12 Su	06:05 0.3 12:23 2.1 18:37 0.3	20 Mo	00:48 0.2 07:04 2.1 13:21 0.3 19:27 2.0	28 Tu	01:27 1.8 07:42 0.5 13:49 1.8 20:00 0.5
5 Su	06:04 2.0 12:20 0.5 18:22 1.8	13 Mo	00:50 2.1 07:03 0.2 13:19 2.1 19:31 0.2	21 Tu	01:43 0.3 07:57 2.0 14:14 0.4 20:22 1.9	29 We	02:10 1.9 08:26 0.5 14:31 1.8 20:40 0.4
6 Mo	00:35 0.4 06:50 2.0 13:07 0.5 19:09 1.8	14 Tu	01:45 2.2 08:00 0.2 14:14 2.1 20:23 0.2	22 We	02:36 0.4 08:51 2.0 15:07 0.4 21:19 1.8	30 Th	02:52 1.9 09:07 0.5 15:12 1.8 21:19 0.4
7 Tu	01:24 0.4 07:39 1.9 13:56 0.5 20:02 1.8	15 We	02:39 2.2 08:55 0.2 15:07 2.2 21:15 0.1	23 Th	03:29 0.4 09:45 1.9 16:00 0.5 22:15 1.8		
8 We	02:16 0.4 08:32 1.9 14:49 0.5 20:59 1.8	16 Th	03:33 2.3 09:48 0.1 15:59 2.2 22:07 0.1	24 Fr	04:21 0.5 10:39 1.8 16:54 0.5 23:08 1.8		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Port Chalmers

Lat. 45°49'S Long. 170°39'E

December 2028

N.Z. Local Times and Heights of High and Low Waters

1 Fr	Time m 03:34 1.9 09:49 0.4 15:52 1.9 21:59 0.4	9 Sa	Time m 03:46 0.3 10:05 2.0 16:19 0.4 22:36 2.0	17 Su	Time m 05:02 2.2 11:16 0.3 17:22 2.0 23:34 0.2	25 Mo	Time m 05:18 0.6 11:34 1.7 17:48 0.6
2 Sa	04:16 2.0 10:30 0.4 16:34 1.9 22:41 0.4	10 Su	04:45 0.3 11:05 2.0 17:18 0.3 23:34 2.0	18 Mo	05:51 2.1 12:06 0.3 18:11 2.0	26 Tu	00:00 1.8 06:12 0.6 12:23 1.7 18:37 0.6
3 Su	04:59 2.0 11:14 0.4 17:17 1.9 23:26 0.4	11 Mo	05:46 0.3 12:03 2.0 18:16 0.3	19 Tu	00:25 0.3 06:39 2.1 12:54 0.3 18:59 1.9	27 We	00:47 1.8 07:05 0.6 13:10 1.7 19:23 0.5
4 Mo	05:44 2.0 11:59 0.4 18:02 1.9	12 Tu	00:32 2.1 06:47 0.3 13:01 2.0 19:13 0.3	20 We	01:14 0.3 07:26 2.0 13:42 0.4 19:49 1.9	28 Th	01:34 1.8 07:53 0.6 13:56 1.8 20:06 0.5
5 Tu	00:14 0.4 06:30 2.1 12:46 0.4 18:50 1.9	13 We	01:28 2.1 07:46 0.3 13:56 2.1 20:07 0.2	21 Th	02:02 0.4 08:13 1.9 14:29 0.5 20:40 1.8	29 Fr	02:20 1.9 08:38 0.5 14:41 1.8 20:49 0.4
6 We	01:05 0.3 07:19 2.1 13:36 0.4 19:42 1.9	14 Th	02:24 2.2 08:42 0.3 14:50 2.1 21:00 0.2	22 Fr	02:49 0.5 09:02 1.9 15:17 0.5 21:31 1.8	30 Sa	03:05 1.9 09:22 0.4 15:25 1.9 21:32 0.4
7 Th	01:57 0.3 08:12 2.0 14:27 0.4 20:38 1.9	15 Fr	03:19 2.2 09:35 0.2 15:43 2.1 21:51 0.2	23 Sa	03:37 0.5 09:52 1.8 16:06 0.5 22:22 1.8	31 Su	03:51 2.0 10:05 0.4 16:09 1.9 22:17 0.3
8 Fr	02:50 0.3 09:07 2.0 15:22 0.4 21:37 2.0	16 Sa	04:12 2.2 10:26 0.2 16:33 2.1 22:43 0.2	24 Su	04:26 0.6 10:43 1.8 16:57 0.6 23:12 1.7		

Times listed are N.Z. Daylight Time

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