



New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

January 2028

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

1 Sa	Time 01:22 07:21 13:24 19:13	m 1.6 0.6 1.7 0.6	9 Su	Time 01:18 09:01 14:56 20:46	m 0.9 1.3 0.8 1.4	17 Mo	Time 02:14 08:03 14:29 20:33	m 1.7 0.6 1.7 0.6	25 Tu	Time 04:42 10:30 16:34 22:53	m 0.8 1.5 0.7 1.5
2 Su	01:53 07:48 13:54 19:44	1.6 0.6 1.7 0.6	10 Mo	03:33 09:57 15:50 21:50	0.9 1.5 0.7 1.5	18 Tu	02:50 08:30 15:08 21:08	1.6 0.7 1.6 0.7	26 We	05:16 11:05 17:08 23:32	0.7 1.6 0.7 1.6
3 Mo	02:22 08:15 14:27 20:17	1.5 0.7 1.6 0.7	11 Tu	04:38 10:40 16:36 22:44	0.8 1.6 0.6 1.6	19 We	03:25 08:57 15:52 21:43	1.5 0.7 1.5 0.8	27 Th	05:46 11:38 17:38	0.6 1.7 0.6
4 Tu	02:52 08:45 15:03 20:54	1.5 0.7 1.6 0.7	12 We	05:22 11:20 17:19 23:32	0.7 1.7 0.5 1.7	20 Th	04:01 09:29 16:46 22:23	1.4 0.8 1.4 0.9	28 Fr	00:06 06:14 12:09 18:06	1.6 0.6 1.8 0.6
5 We	03:23 09:19 15:45 21:35	1.4 0.8 1.5 0.8	13 Th	05:59 11:58 18:01	0.6 1.8 0.5	21 Fr	04:46 10:21 18:12 23:23	1.3 0.9 1.3 1.0	29 Sa	00:37 06:39 12:38 18:33	1.7 0.5 1.8 0.5
6 Th	03:59 10:06 16:40 22:24	1.4 0.9 1.4 0.8	14 Fr	00:16 06:33 12:36 18:41	1.7 0.6 1.8 0.5	22 Sa	06:51 13:47 19:53	1.2 1.0 1.3	30 Su	01:06 07:03 13:06 18:59	1.7 0.5 1.8 0.5
7 Fr	04:50 11:33 17:55 23:27	1.3 0.9 1.4 0.9	15 Sa	00:57 07:05 13:13 19:19	1.7 0.6 1.8 0.5	23 Su	02:06 08:48 15:07 21:09	1.0 1.3 0.9 1.3	31 Mo	01:32 07:26 13:34 19:26	1.7 0.6 1.8 0.6
8 Sa	07:11 13:42 19:27	1.2 0.9 1.4	16 Su	01:36 07:35 13:51 19:57	1.7 0.6 1.8 0.5	24 Mo	03:50 09:47 15:56 22:07	0.9 1.4 0.8 1.4			

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

February 2028

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

1 Tu	Time m 01:57 1.6 07:49 0.6 14:03 1.7 19:53 0.6	9 We	Time m 04:43 0.8 10:29 1.6 16:30 0.6 22:38 1.6	17 Th	Time m 02:49 1.6 08:21 0.7 15:12 1.5 20:59 0.8	25 Fr	Time m 05:27 0.6 11:18 1.7 17:24 0.6 23:47 1.7
2 We	02:22 1.6 08:13 0.6 14:34 1.6 20:22 0.6	10 Th	05:18 0.7 11:07 1.7 17:13 0.5 23:23 1.7	18 Fr	03:14 1.5 08:45 0.8 15:48 1.4 21:27 0.9	26 Sa	05:52 0.6 11:46 1.8 17:50 0.5
3 Th	02:48 1.5 08:39 0.7 15:11 1.6 20:55 0.7	11 Fr	05:49 0.6 11:44 1.8 17:52 0.5	19 Sa	03:37 1.4 09:19 0.9 16:41 1.2 22:05 1.0	27 Su	00:15 1.7 06:15 0.5 12:14 1.8 18:15 0.5
4 Fr	03:15 1.5 09:11 0.8 15:55 1.5 21:32 0.8	12 Sa	00:03 1.8 06:19 0.5 12:20 1.9 18:30 0.4	20 Su	04:01 1.2 13:06 1.0 19:27 1.2 23:37 1.1	28 Mo	00:41 1.7 06:37 0.5 12:41 1.8 18:39 0.5
5 Sa	03:45 1.4 10:06 0.9 16:56 1.4 22:20 0.9	13 Su	00:41 1.8 06:47 0.5 12:56 1.9 19:05 0.5	21 Mo	08:40 1.2 15:05 1.0 21:05 1.3	29 Tu	01:06 1.7 06:59 0.5 13:08 1.8 19:04 0.5
6 Su	04:29 1.2 12:52 1.0 18:36 1.3 23:40 1.0	14 Mo	01:16 1.8 07:14 0.5 13:31 1.8 19:37 0.5	22 Tu	03:56 1.0 09:38 1.4 15:53 0.9 22:02 1.4		
7 Mo	08:44 1.3 14:39 0.9 20:29 1.3	15 Tu	01:49 1.7 07:38 0.5 14:05 1.7 20:07 0.6	23 We	04:34 0.8 10:15 1.5 16:27 0.7 22:42 1.5		
8 Tu	03:47 1.0 09:46 1.4 15:41 0.7 21:44 1.4	16 We	02:20 1.7 08:00 0.6 14:39 1.6 20:33 0.7	24 Th	05:01 0.7 10:48 1.6 16:57 0.7 23:17 1.6		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

March 2028

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

1 We	Time m 01:31 1.7 07:21 0.5 13:37 1.8 19:29 0.6	9 Th	Time m 04:24 0.8 10:07 1.6 16:15 0.6 22:22 1.6	17 Fr	Time m 02:18 1.6 07:51 0.7 14:41 1.5 20:30 0.8	25 Sa	Time m 04:55 0.6 10:48 1.7 16:59 0.6 23:19 1.7
2 Th	01:55 1.7 07:43 0.6 14:08 1.7 19:56 0.6	10 Fr	04:56 0.7 10:45 1.8 16:57 0.5 23:04 1.7	18 Sa	02:42 1.5 08:15 0.8 15:11 1.3 20:58 0.9	26 Su	05:20 0.6 11:16 1.8 17:26 0.6 23:47 1.7
3 Fr	02:21 1.6 08:08 0.7 14:43 1.6 20:25 0.7	11 Sa	05:25 0.6 11:22 1.9 17:35 0.5 23:42 1.8	19 Su	03:05 1.4 08:49 0.9 15:49 1.2 21:38 1.0	27 Mo	05:45 0.5 11:44 1.8 17:51 0.5
4 Sa	02:46 1.5 08:37 0.8 15:26 1.5 21:00 0.8	12 Su	05:54 0.5 11:57 1.9 18:10 0.4	20 Mo	03:33 1.3 10:05 1.0 19:01 1.2 23:03 1.0	28 Tu	00:14 1.7 06:08 0.5 12:13 1.8 18:17 0.5
5 Su	03:14 1.4 09:26 0.9 16:24 1.3 21:45 0.9	13 Mo	00:17 1.8 06:21 0.5 12:32 1.9 18:43 0.5	21 Tu	08:09 1.2 14:41 1.0 20:44 1.2	29 We	00:40 1.8 06:32 0.5 12:43 1.8 18:43 0.5
6 Mo	03:48 1.3 12:18 1.0 18:10 1.3 23:02 1.0	14 Tu	00:51 1.8 06:47 0.5 13:06 1.8 19:13 0.5	22 We	03:08 1.0 09:09 1.4 15:29 0.9 21:37 1.4	30 Th	01:06 1.7 06:56 0.5 13:14 1.7 19:09 0.6
7 Tu	08:21 1.3 14:22 0.9 20:18 1.3	15 We	01:22 1.8 07:10 0.5 13:39 1.7 19:41 0.6	23 Th	03:57 0.9 09:46 1.5 16:02 0.8 22:16 1.5	31 Fr	01:34 1.7 07:21 0.6 13:48 1.7 19:37 0.6
8 We	03:39 1.0 09:25 1.4 15:27 0.7 21:31 1.4	16 Th	01:52 1.7 07:31 0.6 14:11 1.6 20:05 0.7	24 Fr	04:28 0.7 10:18 1.6 16:32 0.7 22:49 1.6		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

April 2028

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

1 Sa	Time 02:02 07:50 14:27 20:09	m 1.6 0.7 1.6 0.7	9 Su	Time 03:53 09:54 16:11 22:15	m 0.6 1.8 0.5 1.8	17 Mo	Time 01:56 07:45 14:46 20:37	m 1.4 0.9 1.2 0.9	25 Tu	Time 04:12 10:13 16:27 22:47	m 0.6 1.7 0.6 1.7
2 Su	Time 02:33 07:27 14:13 19:46	m 1.5 0.8 1.4 0.8	10 Mo	Time 04:23 10:31 16:46 22:51	m 0.5 1.8 0.5 1.8	18 Tu	Time 02:40 09:08 17:02 21:59	m 1.3 1.0 1.2 1.0	26 We	Time 04:40 10:46 16:57 23:17	m 0.5 1.7 0.6 1.7
3 Mo	Time 02:08 08:31 15:17 20:37	m 1.4 0.9 1.3 0.9	11 Tu	Time 04:52 11:07 17:20 23:25	m 0.5 1.8 0.5 1.8	19 We	Time 05:45 12:27 18:55	m 1.2 1.0 1.2	27 Th	Time 05:09 11:21 17:28 23:48	m 0.5 1.7 0.6 1.7
4 Tu	Time 03:13 11:01 17:01 22:09	m 1.3 0.9 1.3 1.0	12 We	Time 05:19 11:42 17:51 23:57	m 0.5 1.7 0.6 1.8	20 Th	Time 00:46 07:15 13:33 19:55	m 1.0 1.3 0.9 1.3	28 Fr	Time 05:39 11:58 17:59	m 0.5 1.7 0.6
5 We	Time 06:38 12:55 18:54	m 1.3 0.9 1.3	13 Th	Time 05:43 12:16 18:19	m 0.6 1.7 0.6	21 Fr	Time 01:59 08:01 14:16 20:38	m 0.9 1.5 0.8 1.5	29 Sa	Time 00:20 06:11 12:38 18:32	m 1.7 0.6 1.6 0.7
6 Th	Time 01:41 07:50 14:00 20:04	m 0.9 1.5 0.7 1.4	14 Fr	Time 00:28 06:07 12:49 18:47	m 1.7 0.6 1.5 0.7	22 Sa	Time 02:41 08:37 14:52 21:14	m 0.8 1.6 0.7 1.5	30 Su	Time 00:54 06:48 13:22 19:09	m 1.6 0.7 1.5 0.7
7 Fr	Time 02:43 08:36 14:49 20:54	m 0.8 1.6 0.6 1.6	15 Sa	Time 00:56 06:31 13:21 19:16	m 1.6 0.7 1.4 0.8	23 Su	Time 03:14 09:10 15:25 21:47	m 0.7 1.6 0.7 1.6			
8 Sa	Time 03:21 09:16 15:32 21:37	m 0.7 1.7 0.6 1.7	16 Su	Time 01:25 07:01 13:57 19:50	m 1.5 0.8 1.3 0.8	24 Mo	Time 03:44 09:41 15:56 22:17	m 0.6 1.7 0.6 1.7			

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

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

May 2028

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

1 Mo	Time m 01:33 1.5 07:37 0.8 14:14 1.4 19:51 0.8	9 Tu	Time m 03:53 0.6 10:05 1.7 16:23 0.6 22:27 1.7	17 We	Time m 02:41 1.4 08:50 0.9 15:47 1.3 21:32 0.9	25 Th	Time m 04:18 0.6 10:26 1.7 16:45 0.6 23:00 1.7
2 Tu	02:22 1.5 08:50 0.8 15:18 1.4 20:45 0.9	10 We	04:25 0.6 10:44 1.7 16:59 0.6 23:03 1.7	18 Th	03:58 1.3 10:16 0.9 17:29 1.3 23:09 0.9	26 Fr	04:53 0.5 11:07 1.7 17:22 0.6 23:36 1.7
3 We	03:42 1.4 10:35 0.9 16:42 1.3 22:11 0.9	11 Th	04:55 0.6 11:22 1.6 17:33 0.6 23:37 1.7	19 Fr	05:47 1.3 11:52 0.9 18:53 1.3	27 Sa	05:30 0.6 11:50 1.6 17:58 0.6
4 Th	05:46 1.4 12:11 0.8 18:15 1.3	12 Fr	05:23 0.6 11:59 1.6 18:05 0.7	20 Sa	00:47 0.9 06:56 1.4 13:02 0.9 19:50 1.4	28 Su	00:13 1.7 06:09 0.6 12:35 1.6 18:35 0.7
5 Fr	00:35 0.9 07:05 1.5 13:20 0.8 19:26 1.4	13 Sa	00:10 1.7 05:51 0.7 12:36 1.5 18:37 0.7	21 Su	01:47 0.8 07:44 1.5 13:56 0.8 20:36 1.5	29 Mo	00:52 1.7 06:53 0.6 13:21 1.6 19:12 0.7
6 Sa	01:53 0.8 07:58 1.6 14:14 0.7 20:22 1.5	14 Su	00:42 1.6 06:22 0.7 13:13 1.4 19:10 0.7	22 Mo	02:30 0.7 08:26 1.6 14:43 0.7 21:15 1.5	30 Tu	01:35 1.6 07:44 0.7 14:11 1.5 19:53 0.8
7 Su	02:41 0.7 08:43 1.7 15:01 0.7 21:08 1.6	15 Mo	01:16 1.5 06:59 0.8 13:54 1.4 19:47 0.8	23 Tu	03:08 0.7 09:06 1.6 15:26 0.7 21:51 1.6	31 We	02:26 1.5 08:45 0.8 15:05 1.4 20:41 0.8
8 Mo	03:19 0.6 09:25 1.7 15:44 0.6 21:49 1.7	16 Tu	01:53 1.5 07:46 0.8 14:41 1.3 20:31 0.9	24 We	03:43 0.6 09:45 1.6 16:07 0.7 22:26 1.7		

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

June 2028

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

1 Th	Time 03:31 09:56 16:08 21:45	m 1.5 0.8 1.4 0.9	9 Fr	Time 04:38 11:09 17:21 23:22	m 0.6 1.6 0.7 1.7	17 Sa	Time 04:14 10:08 16:58 23:22	m 1.4 0.9 1.3 0.9	25 Su	Time 05:25 11:45 17:54	m 0.5 1.7 0.6
2 Fr	04:55 11:14 17:24 23:30	1.4 0.8 1.4 0.9	10 Sa	05:10 11:49 17:55 23:57	0.6 1.6 0.7 1.7	18 Su	05:30 11:16 18:44	1.4 0.9 1.3	26 Mo	00:05 06:07 12:29 18:29	1.8 0.5 1.7 0.6
3 Sa	06:15 12:27 18:43	1.4 0.8 1.4	11 Su	05:42 12:27 18:27	0.7 1.5 0.7	19 Mo	00:49 06:42 12:38 19:56	0.9 1.4 0.9 1.4	27 Tu	00:45 06:50 13:12 19:04	1.7 0.6 1.6 0.6
4 Su	01:04 07:18 13:32 19:48	0.8 1.5 0.8 1.5	12 Mo	00:30 06:16 13:03 18:59	1.7 0.7 1.5 0.7	20 Tu	01:50 07:42 14:00 20:47	0.8 1.5 0.8 1.5	28 We	01:26 07:34 13:54 19:39	1.7 0.6 1.6 0.7
5 Mo	02:04 08:11 14:30 20:41	0.8 1.5 0.8 1.5	13 Tu	01:04 06:52 13:39 19:32	1.6 0.7 1.5 0.7	21 We	02:38 08:36 15:05 21:30	0.7 1.5 0.8 1.6	29 Th	02:12 08:21 14:38 20:17	1.6 0.7 1.5 0.7
6 Tu	02:49 08:59 15:21 21:27	0.7 1.6 0.7 1.6	14 We	01:40 07:33 14:15 20:09	1.6 0.8 1.4 0.8	22 Th	03:22 09:26 15:56 22:10	0.6 1.6 0.7 1.6	30 Fr	03:03 09:11 15:26 21:03	1.5 0.8 1.4 0.8
7 We	03:29 09:44 16:06 22:08	0.7 1.6 0.7 1.7	15 Th	02:21 08:18 14:55 20:53	1.5 0.8 1.4 0.8	23 Fr	04:03 10:13 16:39 22:48	0.6 1.6 0.7 1.7			
8 Th	04:04 10:27 16:45 22:47	0.6 1.6 0.7 1.7	16 Fr	03:11 09:10 15:44 21:52	1.4 0.8 1.3 0.9	24 Sa	04:44 11:00 17:18 23:26	0.5 1.6 0.6 1.8			

Times listed are N.Z. Standard Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

July 2028

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

1 Sa	Time m 04:07 1.4 10:07 0.8 16:25 1.4 22:17 0.9	9 Su	Time m 05:00 0.6 11:37 1.6 17:40 0.6 23:41 1.7	17 Mo	Time m 04:19 1.4 09:58 0.9 16:37 1.3 23:50 0.9	25 Tu	Time m 05:55 0.5 12:13 1.7 18:12 0.5
2 Su	05:23 1.4 11:18 0.9 17:51 1.3	10 Mo	05:31 0.6 12:11 1.6 18:09 0.6	18 Tu	05:40 1.4 11:12 0.9 19:18 1.3	26 We	00:28 1.8 06:34 0.5 12:51 1.7 18:42 0.6
3 Mo	00:19 0.9 06:39 1.4 12:43 0.9 19:19 1.4	11 Tu	00:13 1.7 06:02 0.6 12:43 1.6 18:37 0.6	19 We	01:18 0.8 07:06 1.4 13:23 0.9 20:28 1.4	27 Th	01:07 1.8 07:11 0.6 13:28 1.7 19:12 0.6
4 Tu	01:37 0.8 07:45 1.4 14:04 0.9 20:23 1.4	12 We	00:44 1.7 06:34 0.6 13:12 1.6 19:05 0.6	20 Th	02:18 0.8 08:17 1.5 14:56 0.8 21:15 1.5	28 Fr	01:47 1.7 07:48 0.7 14:04 1.6 19:41 0.7
5 We	02:30 0.8 08:42 1.4 15:08 0.8 21:13 1.5	13 Th	01:16 1.6 07:07 0.7 13:41 1.5 19:35 0.7	21 Fr	03:08 0.7 09:15 1.5 15:50 0.7 21:56 1.7	29 Sa	02:29 1.5 08:25 0.7 14:41 1.5 20:14 0.8
6 Th	03:14 0.7 09:32 1.5 15:56 0.8 21:55 1.6	14 Fr	01:50 1.6 07:42 0.7 14:11 1.5 20:08 0.7	22 Sa	03:52 0.6 10:05 1.6 16:31 0.7 22:35 1.8	30 Su	03:19 1.4 09:05 0.8 15:23 1.4 21:02 0.9
7 Fr	03:52 0.7 10:18 1.5 16:35 0.7 22:33 1.7	15 Sa	02:30 1.5 08:21 0.7 14:44 1.4 20:51 0.8	23 Su	04:35 0.5 10:51 1.7 17:07 0.6 23:13 1.8	31 Mo	04:29 1.3 09:56 0.9 16:37 1.3 23:34 1.0
8 Sa	04:27 0.6 10:59 1.6 17:09 0.6 23:08 1.7	16 Su	03:18 1.5 09:05 0.8 15:25 1.4 21:57 0.9	24 Mo	05:15 0.5 11:33 1.7 17:40 0.5 23:50 1.8		

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

August 2028

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

1 Tu	Time 06:06 11:44 19:00	m 1.3 1.0 1.3	9 We	Time 05:41 12:15 18:08	m 0.5 1.7 0.5	17 Th	Time 00:58 06:45 13:10 20:13	m 0.9 1.3 1.0 1.4	25 Fr	Time 00:41 06:44 12:58 18:39	m 1.8 0.6 1.7 0.6
2 We	01:26 07:32 13:54 20:15	0.9 1.3 1.0 1.4	10 Th	00:17 06:09 12:41 18:32	1.8 0.6 1.7 0.6	18 Fr	02:05 08:07 14:51 20:59	0.8 1.4 0.9 1.6	26 Sa	01:17 07:14 13:30 19:03	1.7 0.6 1.6 0.7
3 Th	02:24 08:36 15:05 21:03	0.8 1.4 0.9 1.5	11 Fr	00:46 06:37 13:07 18:57	1.7 0.6 1.6 0.6	19 Sa	02:55 09:05 15:37 21:38	0.6 1.5 0.7 1.7	27 Su	01:54 07:43 14:00 19:29	1.5 0.7 1.5 0.8
4 Fr	03:07 09:26 15:48 21:42	0.8 1.5 0.8 1.6	12 Sa	01:17 07:07 13:33 19:25	1.7 0.6 1.6 0.7	20 Su	03:40 09:52 16:14 22:16	0.5 1.7 0.6 1.8	28 Mo	02:34 08:14 14:29 20:04	1.4 0.8 1.4 0.9
5 Sa	03:43 10:08 16:21 22:17	0.7 1.5 0.7 1.7	13 Su	01:53 07:39 14:00 19:58	1.6 0.7 1.5 0.8	21 Mo	04:21 10:34 16:47 22:53	0.5 1.7 0.5 1.9	29 Tu	03:32 08:56 15:07 21:31	1.3 0.9 1.3 1.0
6 Su	04:15 10:45 16:51 22:49	0.6 1.6 0.6 1.8	14 Mo	02:35 08:17 14:32 20:49	1.5 0.8 1.4 0.9	22 Tu	04:59 11:13 17:18 23:29	0.4 1.8 0.5 1.9	30 We	05:47 10:27 18:52	1.2 1.0 1.2
7 Mo	04:45 11:18 17:18 23:19	0.6 1.7 0.6 1.8	15 Tu	03:30 09:05 15:16 22:55	1.4 0.9 1.3 0.9	23 We	05:36 11:50 17:47	0.4 1.8 0.5	31 Th	01:28 07:30 13:53 20:05	1.0 1.3 1.0 1.4
8 Tu	05:14 11:48 17:44 23:48	0.6 1.7 0.5 1.8	16 We	04:54 10:15 18:47	1.3 0.9 1.2	24 Th	00:05 06:11 12:25 18:14	1.9 0.5 1.8 0.5			

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

September 2028

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

1 Fr	Time 02:21 08:30 14:54 20:47	m 0.9 1.4 0.9 1.5	9 Sa	Time 00:17 06:08 12:36 18:24	m 1.7 0.6 1.7 0.6	17 Su	Time 02:39 08:48 15:14 21:15	m 0.6 1.6 0.7 1.7	25 Mo	Time 02:24 08:13 14:29 19:57	m 1.5 0.8 1.5 0.8
2 Sa	Time 02:58 09:13 15:29 21:22	m 0.8 1.5 0.7 1.6	10 Su	Time 00:47 06:36 13:02 18:49	m 1.7 0.6 1.6 0.6	18 Mo	Time 03:22 09:32 15:49 21:52	m 0.5 1.7 0.6 1.8	26 Tu	Time 02:59 08:43 14:56 20:31	m 1.4 0.8 1.4 0.9
3 Su	Time 03:29 09:50 15:58 21:54	m 0.7 1.6 0.6 1.7	11 Mo	Time 01:22 07:06 13:29 19:19	m 1.6 0.7 1.5 0.7	19 Tu	Time 04:02 10:12 16:21 22:29	m 0.5 1.8 0.5 1.9	27 We	Time 03:49 09:25 15:31 21:43	m 1.2 0.9 1.3 1.0
4 Mo	Time 03:58 10:22 16:25 22:24	m 0.6 1.7 0.6 1.8	12 Tu	Time 02:03 07:42 13:59 20:06	m 1.5 0.8 1.4 0.9	20 We	Time 04:39 10:49 16:51 23:05	m 0.4 1.8 0.5 1.9	28 Th	Time 06:29 10:55 19:25	m 1.2 1.0 1.2
5 Tu	Time 04:25 10:52 16:50 22:52	m 0.5 1.7 0.5 1.8	13 We	Time 02:59 08:29 14:41 22:18	m 1.4 0.9 1.3 0.9	21 Th	Time 05:14 11:25 17:20 23:41	m 0.4 1.8 0.5 1.8	29 Fr	Time 02:17 08:14 14:24 20:40	m 1.0 1.2 1.0 1.4
6 We	Time 04:51 11:20 17:14 23:20	m 0.5 1.7 0.5 1.8	14 Th	Time 04:29 09:44 18:18	m 1.3 1.0 1.2	22 Fr	Time 05:47 11:59 17:46	m 0.5 1.8 0.5	30 Sa	Time 03:03 09:09 15:23 21:20	m 0.9 1.4 0.9 1.5
7 Th	Time 05:17 11:46 17:38 23:48	m 0.5 1.7 0.5 1.8	15 Fr	Time 00:41 06:33 13:04 19:50	m 0.9 1.3 1.0 1.4	23 Sa	Time 00:16 06:18 12:31 18:09	m 1.7 0.6 1.7 0.6			
8 Fr	Time 05:42 12:11 18:00	m 0.5 1.7 0.5	16 Sa	Time 01:49 07:54 14:32 20:36	m 0.8 1.4 0.8 1.6	24 Su	Time 00:50 07:46 14:01 19:32	m 1.6 0.7 1.6 0.7			

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

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

October 2028

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

1 Su	Time m 03:36 0.8 09:50 1.5 15:58 0.7 21:54 1.6	9 Mo	Time m 01:25 1.7 07:16 0.6 13:42 1.6 19:28 0.6	17 Tu	Time m 04:00 0.6 10:08 1.7 16:22 0.6 22:27 1.8	25 We	Time m 02:44 1.4 08:32 0.8 14:44 1.4 20:22 0.9
2 Mo	04:06 0.7 10:24 1.6 16:28 0.6 22:25 1.7	10 Tu	02:02 1.6 07:47 0.7 14:12 1.6 20:03 0.7	18 We	04:41 0.5 10:49 1.8 16:55 0.5 23:05 1.8	26 Th	03:35 1.3 09:17 0.9 15:28 1.3 21:33 1.0
3 Tu	04:34 0.6 10:56 1.7 16:55 0.6 22:55 1.8	11 We	02:47 1.5 08:24 0.8 14:48 1.5 20:58 0.8	19 Th	05:19 0.5 11:27 1.8 17:27 0.5 23:42 1.8	27 Fr	05:31 1.2 10:33 1.0 17:50 1.2
4 We	05:01 0.6 11:25 1.7 17:21 0.5 23:23 1.8	12 Th	03:46 1.4 09:14 0.9 15:44 1.3 22:58 0.9	20 Fr	05:55 0.5 12:02 1.8 17:56 0.5	28 Sa	01:07 1.0 07:29 1.2 13:17 1.0 19:49 1.3
5 Th	05:28 0.5 11:53 1.8 17:46 0.5 23:52 1.8	13 Fr	05:15 1.3 10:33 1.0 18:33 1.3	21 Sa	00:19 1.8 06:28 0.5 12:37 1.8 18:23 0.5	29 Su	02:16 0.9 08:32 1.3 14:35 0.9 20:39 1.4
6 Fr	05:54 0.5 12:20 1.8 18:10 0.5	14 Sa	01:12 0.9 07:10 1.3 13:29 1.0 20:13 1.4	22 Su	00:55 1.7 06:59 0.6 13:09 1.7 18:48 0.6	30 Mo	02:58 0.8 09:18 1.4 15:20 0.8 21:17 1.5
7 Sa	00:21 1.8 06:20 0.5 12:47 1.7 18:35 0.5	15 Su	02:24 0.8 08:29 1.4 14:59 0.8 21:05 1.6	23 Mo	01:30 1.6 07:29 0.7 13:40 1.6 19:13 0.7	31 Tu	03:34 0.7 09:56 1.5 15:55 0.7 21:51 1.6
8 Su	00:52 1.7 06:47 0.6 13:14 1.7 19:00 0.6	16 Mo	03:16 0.7 09:23 1.6 15:45 0.7 21:47 1.7	24 Tu	02:06 1.5 07:58 0.8 14:11 1.5 19:42 0.8		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

November 2028

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

1 We	Time m 04:07 0.7 10:29 1.6 16:26 0.6 22:24 1.7	9 Th	Time m 02:44 1.5 08:23 0.8 14:53 1.5 21:05 0.8	17 Fr	Time m 05:04 0.6 11:08 1.7 17:08 0.5 23:25 1.7	25 Sa	Time m 04:15 1.3 09:59 0.9 16:24 1.3 22:29 0.9
2 Th	04:38 0.6 11:01 1.7 16:55 0.5 22:56 1.7	10 Fr	03:41 1.4 09:11 0.8 15:55 1.4 22:33 0.9	18 Sa	05:42 0.6 11:45 1.8 17:40 0.5	26 Su	05:49 1.2 11:28 0.9 18:11 1.3
3 Fr	05:09 0.6 11:30 1.7 17:23 0.5 23:28 1.7	11 Sa	04:54 1.3 10:20 0.9 17:44 1.4	19 Su	00:04 1.7 06:18 0.6 12:21 1.8 18:10 0.6	27 Mo	00:15 0.9 07:32 1.3 13:28 0.9 19:35 1.4
4 Sa	05:39 0.6 12:00 1.7 17:51 0.5	12 Su	00:21 0.9 06:27 1.3 12:29 0.9 19:25 1.4	20 Mo	00:43 1.6 06:51 0.6 12:55 1.7 18:39 0.6	28 Tu	01:47 0.9 08:38 1.4 14:34 0.8 20:30 1.4
5 Su	00:01 1.7 06:08 0.6 12:30 1.7 18:20 0.5	13 Mo	01:44 0.8 07:51 1.4 14:18 0.8 20:29 1.5	21 Tu	01:21 1.5 07:22 0.7 13:29 1.7 19:08 0.7	29 We	02:49 0.8 09:26 1.4 15:20 0.8 21:14 1.5
6 Mo	00:36 1.7 06:39 0.6 13:01 1.7 18:50 0.6	14 Tu	02:45 0.7 08:54 1.5 15:15 0.7 21:18 1.6	22 We	01:59 1.5 07:53 0.7 14:02 1.6 19:41 0.7	30 Th	03:38 0.8 10:05 1.5 15:58 0.7 21:54 1.6
7 Tu	01:14 1.6 07:10 0.6 13:33 1.7 19:25 0.6	15 We	03:37 0.7 09:44 1.6 15:57 0.6 22:02 1.7	23 Th	02:37 1.4 08:27 0.8 14:37 1.5 20:22 0.8		
8 We	01:56 1.6 07:44 0.7 14:09 1.6 20:07 0.7	16 Th	04:22 0.6 10:28 1.7 16:34 0.6 22:44 1.7	24 Fr	03:20 1.3 09:06 0.8 15:20 1.4 21:15 0.9		

Times listed are N.Z. Daylight Time

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New Zealand Hydrographic Authority Tide Predictions

Mana Marina

Lat. 41°06'S Long. 174°52'E

December 2028

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

1 Fr	Time m 04:20 0.7 10:41 1.6 16:33 0.6 22:33 1.6	9 Sa	Time m 03:27 1.5 09:02 0.8 15:47 1.5 22:01 0.8	17 Su	Time m 05:38 0.7 11:35 1.7 17:32 0.6 23:58 1.6	25 Mo	Time m 04:05 1.3 10:10 0.9 16:36 1.4 22:25 0.9
2 Sa	04:58 0.7 11:14 1.7 17:06 0.6 23:12 1.7	10 Su	04:22 1.4 09:53 0.8 16:59 1.4 23:15 0.8	18 Mo	06:13 0.6 12:11 1.7 18:04 0.6	26 Tu	05:00 1.3 11:34 0.9 17:52 1.3 23:30 0.9
3 Su	05:33 0.6 11:47 1.7 17:40 0.5 23:51 1.7	11 Mo	05:32 1.4 11:14 0.9 18:30 1.4	19 Tu	00:38 1.6 06:45 0.6 12:45 1.7 18:35 0.6	27 We	07:25 1.3 13:36 0.9 19:21 1.3
4 Mo	06:07 0.6 12:20 1.7 18:14 0.5	12 Tu	00:43 0.9 07:02 1.3 13:30 0.9 19:48 1.4	20 We	01:15 1.6 07:15 0.6 13:18 1.7 19:05 0.6	28 Th	01:12 0.9 08:55 1.3 14:45 0.8 20:33 1.4
5 Tu	00:31 1.7 06:40 0.6 12:54 1.7 18:50 0.5	13 We	02:06 0.8 08:23 1.4 14:47 0.8 20:50 1.5	21 Th	01:50 1.5 07:44 0.6 13:51 1.7 19:37 0.7	29 Fr	03:08 0.9 09:47 1.4 15:35 0.8 21:29 1.5
6 We	01:12 1.6 07:13 0.6 13:30 1.7 19:28 0.6	14 Th	03:15 0.8 09:24 1.5 15:39 0.7 21:43 1.5	22 Fr	02:23 1.5 08:13 0.7 14:24 1.6 20:11 0.7	30 Sa	04:13 0.8 10:27 1.5 16:17 0.7 22:18 1.5
7 Th	01:55 1.6 07:46 0.7 14:09 1.7 20:11 0.6	15 Fr	04:12 0.7 10:13 1.6 16:21 0.7 22:31 1.6	23 Sa	02:54 1.5 08:44 0.7 14:59 1.5 20:49 0.8	31 Su	04:57 0.7 11:03 1.6 16:56 0.6 23:04 1.6
8 Fr	02:40 1.5 08:22 0.7 14:53 1.6 21:01 0.7	16 Sa	04:59 0.7 10:56 1.7 16:58 0.6 23:16 1.6	24 Su	03:27 1.4 09:21 0.8 15:41 1.5 21:33 0.8		

Times listed are N.Z. Daylight Time

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