



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

JANUARY 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Fr	Time 01:21 07:31 13:34 19:56	m 2.2 0.8 2.3 0.7	9 Sa	Time 02:12 08:27 14:44 20:59	m 0.8 2.2 0.8 2.2	17 Su	Time 02:54 09:03 15:08 21:32	m 2.2 0.8 2.3 0.8	25 Mo	Time 03:34 09:46 16:06 22:12	m 1.0 2.0 1.0 2.0
2 Sa	Time 02:02 08:11 14:15 20:39	m 2.2 0.8 2.3 0.7	10 Su	Time 03:16 09:30 15:48 22:01	m 0.8 2.2 0.7 2.3	18 Mo	Time 03:35 09:44 15:50 22:14	m 2.1 0.9 2.2 0.9	26 Tu	Time 04:26 10:34 16:53 22:58	m 1.0 2.1 0.9 2.1
3 Su	Time 02:46 08:54 14:59 21:25	m 2.2 0.8 2.3 0.7	11 Mo	Time 04:17 10:28 16:48 22:58	m 0.8 2.3 0.7 2.3	19 Tu	Time 04:17 10:27 16:34 22:57	m 2.1 0.9 2.1 0.9	27 We	Time 05:12 11:16 17:36 23:41	m 0.9 2.2 0.8 2.2
4 Mo	Time 03:32 09:41 15:48 22:15	m 2.2 0.8 2.3 0.7	12 Tu	Time 05:13 11:21 17:42 23:52	m 0.7 2.4 0.6 2.3	20 We	Time 05:01 11:13 17:23 23:44	m 2.0 1.0 2.0 1.0	28 Th	Time 05:53 11:57 18:16	m 0.8 2.3 0.7
5 Tu	Time 04:23 10:32 16:43 23:08	m 2.2 0.9 2.2 0.8	13 We	Time 06:05 12:11 18:33	m 0.7 2.4 0.6	21 Th	Time 05:51 12:06 18:18	m 1.9 1.1 1.9	29 Fr	Time 00:22 06:33 12:36 18:57	m 2.2 0.8 2.3 0.7
6 We	Time 05:18 11:29 17:43	m 2.1 0.9 2.2	14 Th	Time 00:41 06:53 12:58 19:21	m 2.3 0.7 2.4 0.6	22 Fr	Time 00:35 06:48 13:06 19:18	m 1.1 1.9 1.1 1.9	30 Sa	Time 01:03 07:13 13:17 19:38	m 2.3 0.7 2.4 0.6
7 Th	Time 00:06 06:18 12:31 18:47	m 0.8 2.1 0.9 2.2	15 Fr	Time 01:28 07:39 13:43 20:06	m 2.3 0.7 2.4 0.6	23 Sa	Time 01:33 07:50 14:10 20:20	m 1.1 1.9 1.1 1.9	31 Su	Time 01:45 07:54 13:59 20:21	m 2.3 0.7 2.4 0.6
8 Fr	Time 01:08 07:22 13:38 19:54	m 0.8 2.1 0.9 2.2	16 Sa	Time 02:12 08:21 14:26 20:50	m 2.3 0.7 2.3 0.7	24 Su	Time 02:35 08:51 15:12 21:19	m 1.1 1.9 1.1 1.9			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

FEBRUARY 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Mo	Time 02:28 08:37 14:43 21:06	m 2.4 0.7 2.4 0.6	9 Tu	Time 04:08 10:17 16:40 22:51	m 0.9 2.2 0.7 2.2	17 We	Time 03:32 09:44 15:50 22:09	m 2.1 0.9 2.1 0.9	25 Th	Time 04:44 10:49 17:08 23:16	m 0.9 2.2 0.8 2.2
2 Tu	03:12 09:22 15:31 21:54	2.3 0.7 2.4 0.7	10 We	05:04 11:11 17:33 23:42	0.8 2.3 0.7 2.3	18 Th	04:10 10:25 16:32 22:50	2.1 1.0 2.0 1.0	26 Fr	05:28 11:32 17:51 23:59	0.8 2.3 0.7 2.3
3 We	04:00 10:11 16:23 22:45	2.3 0.7 2.3 0.7	11 Th	05:54 11:58 18:20	0.7 2.4 0.6	19 Fr	04:54 11:12 17:22 23:38	2.0 1.0 1.9 1.1	27 Sa	06:09 12:13 18:33	0.7 2.4 0.6
4 Th	04:52 11:06 17:21 23:41	2.2 0.8 2.2 0.8	12 Fr	00:27 06:38 12:41 19:03	2.3 0.7 2.4 0.6	20 Sa	05:48 12:10 18:23	1.9 1.1 1.9	28 Su	00:40 06:51 12:56 19:16	2.4 0.6 2.5 0.5
5 Fr	05:51 12:09 18:26	2.1 0.9 2.2	13 Sa	01:09 07:18 13:22 19:43	2.3 0.7 2.4 0.6	21 Su	00:37 06:53 13:18 19:33	1.1 1.9 1.1 1.9			
6 Sa	00:44 06:57 13:18 19:36	0.9 2.1 0.9 2.1	14 Su	01:47 07:56 13:59 20:21	2.3 0.7 2.3 0.7	22 Mo	01:46 08:04 14:29 20:41	1.1 1.9 1.1 1.9			
7 Su	01:52 08:08 14:30 20:47	0.9 2.1 0.9 2.1	15 Mo	02:22 08:32 14:36 20:56	2.2 0.8 2.3 0.8	23 Tu	02:55 09:09 15:31 21:41	1.1 2.0 1.0 2.0			
8 Mo	03:03 09:16 15:39 21:53	0.9 2.1 0.8 2.2	16 Tu	02:57 09:08 15:12 21:32	2.2 0.8 2.2 0.8	24 We	03:54 10:03 16:23 22:32	1.0 2.1 0.9 2.1			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

MARCH 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Mo	Time 01:22 07:33 13:39 19:59	m 2.5 0.6 2.5 0.5	9 Tu	Time 02:53 09:06 15:30 21:45	m 1.0 2.1 0.9 2.1	17 We	Time 02:20 08:33 14:37 20:52	m 2.2 0.8 2.2 0.8	25 Th	Time 03:18 09:27 15:47 21:59	m 1.0 2.1 0.9 2.1
2 Tu	02:05 08:17 14:24 20:45	2.5 0.5 2.5 0.5	10 We	03:58 10:06 16:28 22:40	0.9 2.2 0.8 2.2	18 Th	02:52 09:07 15:12 21:26	2.2 0.9 2.1 0.9	26 Fr	04:10 10:17 16:35 22:46	0.9 2.2 0.7 2.2
3 We	02:50 09:03 15:12 21:33	2.4 0.6 2.4 0.6	11 Th	04:51 10:57 17:18 23:26	0.8 2.3 0.7 2.2	19 Fr	03:28 09:45 15:51 22:05	2.1 0.9 2.0 1.0	27 Sa	04:57 11:02 17:21 23:30	0.8 2.4 0.6 2.4
4 Th	03:38 09:53 16:05 22:24	2.3 0.7 2.3 0.7	12 Fr	05:37 11:41 18:01	0.8 2.3 0.7	20 Sa	04:08 10:29 16:39 22:52	2.0 1.0 1.9 1.1	28 Su	05:41 11:47 18:05	0.6 2.5 0.5
5 Fr	04:30 10:49 17:04 23:21	2.2 0.8 2.2 0.8	13 Sa	00:07 06:17 12:20 18:39	2.3 0.7 2.3 0.7	21 Su	04:59 11:25 17:39 23:51	1.9 1.1 1.9 1.1	29 Mo	00:14 06:25 12:32 18:50	2.5 0.5 2.6 0.5
6 Sa	05:30 11:52 18:11	2.1 0.8 2.1	14 Su	00:43 06:53 12:56 19:15	2.3 0.7 2.3 0.7	22 Mo	06:04 12:34 18:51	1.9 1.1 1.9	30 Tu	00:57 07:10 13:18 19:36	2.5 0.5 2.6 0.5
7 Su	00:26 06:39 13:05 19:25	0.9 2.1 0.9 2.1	15 Mo	01:17 07:28 13:30 19:48	2.3 0.7 2.3 0.7	23 Tu	01:02 07:19 13:46 20:03	1.2 1.9 1.1 1.9	31 We	01:42 07:56 14:05 20:24	2.5 0.5 2.5 0.5
8 Mo	01:39 07:54 14:20 20:39	1.0 2.1 0.9 2.1	16 Tu	01:49 08:01 14:03 20:20	2.3 0.7 2.3 0.8	24 We	02:15 08:29 14:51 21:06	1.1 2.0 1.0 2.0			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

APRIL 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1	Time	m	9	Time	m	17	Time	m	25	Time	m
	02:29	2.5		03:30	0.9		01:55	2.1		03:24	0.7
	08:45	0.5		09:35	2.2		08:15	0.9		09:32	2.4
Th	14:56	2.5	Fr	15:54	0.8	Sa	14:22	2.0	Su	15:49	0.6
	21:13	0.6		22:02	2.2		20:32	1.0		22:00	2.4
2	03:18	2.4	10	04:13	0.8	18	02:36	2.0	26	04:12	0.6
	09:37	0.6		10:16	2.3		09:00	1.0		10:20	2.5
Fr	15:50	2.3	Sa	16:34	0.7	Su	15:10	2.0	Mo	16:37	0.5
	22:07	0.7		22:39	2.2		21:20	1.1		22:46	2.5
3	04:12	2.3	11	04:51	0.8	19	03:25	2.0	27	05:00	0.5
	10:35	0.7		10:53	2.3		09:55	1.0		11:08	2.6
Sa	16:51	2.2	Su	17:10	0.7	Mo	16:09	1.9	Tu	17:25	0.5
	23:06	0.9		23:13	2.3		22:18	1.1		23:33	2.5
4	04:14	2.1	12	05:25	0.7	20	04:28	1.9	28	05:48	0.4
	10:41	0.8		11:28	2.3		11:00	1.1		11:57	2.6
Su	17:00	2.1	Mo	17:44	0.7	Tu	17:17	1.9	We	18:14	0.5
	23:13	1.0		23:45	2.3		23:26	1.1			
5	05:25	2.1	13	05:59	0.7	21	05:40	1.9	29	00:20	2.5
	11:54	0.9		12:01	2.3		12:08	1.0		06:38	0.5
Mo	18:14	2.0	Tu	18:16	0.8	We	18:26	1.9	Th	12:48	2.5
										19:04	0.6
6	00:26	1.0	14	00:16	2.3	22	00:36	1.1	30	01:09	2.5
	06:40	2.0		06:31	0.8		06:49	2.0		07:29	0.5
Tu	13:07	0.9	We	12:33	2.2	Th	13:11	0.9	Fr	13:41	2.4
	19:26	2.0		18:47	0.8		19:28	2.0		19:56	0.7
7	01:38	1.0	15	00:47	2.2	23	01:39	1.0			
	07:49	2.1		07:03	0.8		07:49	2.1			
We	14:13	0.9	Th	13:06	2.2	Fr	14:08	0.8			
	20:28	2.1		19:19	0.9		20:23	2.1			
8	02:39	1.0	16	01:20	2.2	24	02:34	0.9			
	08:47	2.1		07:37	0.9		08:42	2.2			
Th	15:08	0.8	Fr	13:42	2.1	Sa	15:00	0.7			
	21:19	2.1		19:53	0.9		21:12	2.3			

TIMES SHOWN IN BOLD HAVE BEEN ADJUSTED FOR N.Z DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

MAY 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Sa	Time 02:01 08:24 14:38 20:51	m 2.4 0.6 2.3 0.8	9 Su	Time 03:42 09:46 16:01 22:07	m 0.9 2.2 0.8 2.2	17 Mo	Time 02:13 08:40 14:51 20:58	m 2.1 0.9 2.0 1.0	25 Tu	Time 03:46 09:56 16:12 22:21	m 0.6 2.5 0.6 2.5
2 Su	Time 02:56 09:24 15:39 21:51	m 2.3 0.7 2.2 0.9	10 Mo	Time 04:21 10:23 16:38 22:41	m 0.8 2.2 0.8 2.2	18 Tu	Time 03:03 09:33 15:46 21:53	m 2.0 1.0 2.0 1.1	26 We	Time 04:38 10:48 17:04 23:11	m 0.5 2.5 0.5 2.5
3 Mo	Time 03:59 10:28 16:46 22:56	m 2.2 0.8 2.1 1.0	11 Tu	Time 04:57 10:59 17:12 23:15	m 0.8 2.2 0.8 2.2	19 We	Time 04:01 10:32 16:47 22:55	m 2.0 1.0 2.0 1.1	27 Th	Time 05:30 11:40 17:56	m 0.5 2.5 0.6
4 Tu	Time 05:07 11:36 17:54	m 2.1 0.9 2.0	12 We	Time 05:31 11:33 17:46 23:47	m 0.8 2.2 0.8 2.2	20 Th	Time 05:06 11:33 17:49 23:59	m 2.0 0.9 2.0 1.0	28 Fr	Time 00:01 06:22 12:34 18:48	m 2.5 0.5 2.5 0.6
5 We	Time 00:04 06:17 12:42 19:00	m 1.0 2.0 0.9 2.0	13 Th	Time 06:05 12:07 18:19	m 0.8 2.2 0.9	21 Fr	Time 06:11 12:33 18:50	m 2.1 0.9 2.1	29 Sa	Time 00:52 07:16 13:28 19:41	m 2.5 0.5 2.4 0.7
6 Th	Time 01:10 07:22 13:43 19:58	m 1.0 2.1 0.9 2.0	14 Fr	Time 00:20 06:39 12:43 18:53	m 2.2 0.8 2.1 0.9	22 Sa	Time 01:01 07:13 13:31 19:47	m 0.9 2.2 0.8 2.2	30 Su	Time 01:45 08:12 14:24 20:35	m 2.4 0.6 2.3 0.8
7 Fr	Time 02:09 08:17 14:36 20:47	m 1.0 2.1 0.9 2.1	15 Sa	Time 00:54 07:15 13:21 19:30	m 2.2 0.8 2.1 0.9	23 Su	Time 01:59 08:10 14:26 20:40	m 0.8 2.3 0.7 2.3	31 Mo	Time 02:40 09:09 15:22 21:32	m 2.3 0.7 2.2 0.9
8 Sa	Time 02:59 09:04 15:21 21:29	m 0.9 2.1 0.8 2.1	16 Su	Time 01:32 07:55 14:03 20:11	m 2.1 0.9 2.0 1.0	24 Mo	Time 02:53 09:03 15:19 21:31	m 0.7 2.4 0.6 2.4			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

JUNE 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1	Time	m	9	Time	m	17	Time	m	25	Time	m
	03:39	2.2		04:29	0.8		03:37	2.1		05:17	0.5
	10:07	0.8		10:32	2.1		10:05	0.9		11:28	2.4
Tu	16:22	2.1	We	16:44	0.9	Th	16:17	2.1	Fr	17:41	0.6
	22:30	1.0		22:48	2.2		22:26	1.0		23:46	2.5
2	04:40	2.1	10	05:07	0.8	18	04:36	2.1	26	06:10	0.5
	11:07	0.9		11:09	2.1		11:01	0.9		12:21	2.4
We	17:22	2.0	Th	17:21	0.9	Fr	17:15	2.1	Sa	18:33	0.6
	23:31	1.0		23:23	2.2		23:26	1.0			
3	05:43	2.1	11	05:44	0.8	19	05:38	2.1	27	00:37	2.5
	12:06	0.9		11:47	2.1		11:59	0.8		07:03	0.5
Th	18:21	2.0	Fr	17:57	0.9	Sa	18:14	2.1	Su	13:13	2.3
				23:59	2.2					19:24	0.7
4	00:32	1.0	12	06:20	0.8	20	00:27	0.9	28	01:28	2.4
	06:43	2.0		12:25	2.1		06:41	2.2		07:55	0.6
Fr	13:02	0.9	Sa	18:34	0.9	Su	12:58	0.8	Mo	14:05	2.3
	19:17	2.0					19:14	2.2		20:14	0.8
5	01:29	1.0	13	00:35	2.2	21	01:29	0.8	29	02:19	2.3
	07:38	2.0		06:59	0.8		07:42	2.2		08:46	0.7
Sa	13:54	0.9	Su	13:05	2.1	Mo	13:57	0.8	Tu	14:56	2.2
	20:07	2.0		19:13	0.9		20:12	2.3		21:04	0.9
6	02:21	1.0	14	01:14	2.2	22	02:28	0.7	30	03:10	2.2
	08:28	2.1		07:39	0.8		08:41	2.3		09:37	0.8
Su	14:41	0.9	Mo	13:47	2.1	Tu	14:55	0.7	We	15:46	2.1
	20:52	2.1		19:55	0.9		21:08	2.3		21:55	0.9
7	03:08	0.9	15	01:56	2.2	23	03:26	0.6			
	09:12	2.1		08:24	0.8		09:38	2.4			
Mo	15:25	0.9	Tu	14:33	2.1	We	15:52	0.7			
	21:33	2.1		20:40	1.0		22:02	2.4			
8	03:50	0.9	16	02:44	2.1	24	04:22	0.6			
	09:53	2.1		09:12	0.9		10:33	2.4			
Tu	16:05	0.9	We	15:23	2.1	Th	16:47	0.6			
	22:11	2.2		21:30	1.0		22:55	2.5			

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NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

JULY 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Th	Time 04:04 10:28 16:38 22:49	m 2.1 0.9 2.0 1.0	9 Fr	Time 04:45 10:49 17:00 23:02	m 0.8 2.1 0.9 2.2	17 Sa	Time 04:09 10:31 16:43 22:56	m 2.2 0.8 2.1 0.9	25 Su	Time 05:57 12:06 18:17	m 0.5 2.4 0.7
2 Fr	Time 04:59 11:20 17:32 23:44	m 2.0 0.9 2.0 1.0	10 Sa	Time 05:24 11:29 17:39 23:40	m 0.8 2.1 0.9 2.2	18 Su	Time 05:10 11:29 17:43	m 2.2 0.8 2.1	26 Mo	Time 00:20 06:45 12:53 19:03	m 2.4 0.6 2.3 0.7
3 Sa	Time 05:56 12:12 18:26	m 2.0 1.0 2.0	11 Su	Time 06:02 12:08 18:17	m 0.8 2.2 0.9	19 Mo	Time 00:00 06:15 12:31 18:47	m 0.9 2.1 0.9 2.2	27 Tu	Time 01:06 07:31 13:38 19:47	m 2.4 0.6 2.3 0.7
4 Su	Time 00:42 06:52 13:06 19:20	m 1.0 2.0 1.0 2.0	12 Mo	Time 00:18 06:41 12:47 18:55	m 2.3 0.7 2.2 0.8	20 Tu	Time 01:06 07:22 13:36 19:51	m 0.8 2.2 0.8 2.2	28 We	Time 01:51 08:15 14:21 20:30	m 2.3 0.7 2.2 0.8
5 Mo	Time 01:39 07:47 13:59 20:12	m 1.0 2.0 1.0 2.0	13 Tu	Time 00:57 07:21 13:28 19:36	m 2.3 0.7 2.2 0.8	21 We	Time 02:12 08:26 14:40 20:52	m 0.8 2.2 0.8 2.3	29 Th	Time 02:35 08:59 15:04 21:14	m 2.2 0.8 2.1 0.9
6 Tu	Time 02:32 08:38 14:49 21:00	m 1.0 2.0 1.0 2.1	14 We	Time 01:38 08:03 14:11 20:19	m 2.3 0.7 2.2 0.8	22 Th	Time 03:14 09:27 15:40 21:49	m 0.7 2.3 0.8 2.4	30 Fr	Time 03:20 09:42 15:48 22:01	m 2.1 0.9 2.1 1.0
7 We	Time 03:21 09:25 15:36 21:44	m 0.9 2.0 1.0 2.1	15 Th	Time 02:23 08:49 14:57 21:06	m 2.2 0.8 2.2 0.9	23 Fr	Time 04:12 10:24 16:36 22:43	m 0.6 2.3 0.7 2.4	31 Sa	Time 04:09 10:28 16:36 22:53	m 2.0 1.0 2.0 1.0
8 Th	Time 04:05 10:08 16:20 22:24	m 0.9 2.1 0.9 2.2	16 Fr	Time 03:13 09:38 15:48 21:58	m 2.2 0.8 2.2 0.9	24 Sa	Time 05:06 11:17 17:28 23:33	m 0.6 2.4 0.7 2.5			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

AUGUST 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Su	Time 05:02 11:18 17:30 23:51	m 2.0 1.1 1.9 1.1	9 Mo	Time 05:40 11:46 17:55 23:56	m 0.7 2.3 0.8 2.3	17 Tu	Time 05:58 12:13 18:29	m 2.1 0.9 2.1	25 We	Time 00:40 07:02 13:06 19:16	m 2.4 0.6 2.3 0.7
2 Mo	Time 06:02 12:14 18:30	m 1.9 1.1 1.9	10 Tu	Time 06:18 12:25 18:33	m 0.6 2.3 0.7	18 We	Time 00:53 07:11 13:24 19:39	m 0.9 2.1 0.9 2.1	26 Th	Time 01:19 07:40 13:42 19:53	m 2.3 0.7 2.2 0.8
3 Tu	Time 00:54 07:04 13:15 19:32	m 1.1 1.9 1.1 1.9	11 We	Time 00:36 06:58 13:05 19:13	m 2.4 0.6 2.3 0.7	19 Th	Time 02:04 08:20 14:32 20:44	m 0.8 2.1 0.9 2.2	27 Fr	Time 01:57 08:16 14:18 20:32	m 2.2 0.8 2.2 0.9
4 We	Time 01:56 08:05 14:15 20:29	m 1.1 1.9 1.1 2.0	12 Th	Time 01:17 07:39 13:46 19:55	m 2.4 0.6 2.3 0.7	20 Fr	Time 03:08 09:21 15:33 21:41	m 0.7 2.2 0.8 2.3	28 Sa	Time 02:36 08:54 14:56 21:13	m 2.1 0.9 2.1 1.0
5 Th	Time 02:52 08:59 15:10 21:18	m 1.0 2.0 1.0 2.1	13 Fr	Time 02:02 08:24 14:31 20:42	m 2.3 0.7 2.3 0.8	21 Sa	Time 04:04 10:15 16:26 22:31	m 0.6 2.3 0.7 2.4	29 Su	Time 03:18 09:35 15:40 22:01	m 2.0 1.0 2.0 1.0
6 Fr	Time 03:40 09:46 15:57 22:01	m 0.9 2.0 1.0 2.1	14 Sa	Time 02:50 09:12 15:20 21:34	m 2.3 0.7 2.2 0.8	22 Su	Time 04:54 11:03 17:13 23:17	m 0.6 2.3 0.7 2.4	30 Mo	Time 04:09 10:23 16:33 23:00	m 1.9 1.1 1.9 1.1
7 Sa	Time 04:23 10:29 16:38 22:40	m 0.8 2.1 0.9 2.2	15 Su	Time 03:46 10:05 16:15 22:34	m 2.2 0.8 2.2 0.9	23 Mo	Time 05:40 11:47 17:56	m 0.6 2.3 0.7	31 Tu	Time 05:11 11:22 17:39	m 1.9 1.1 1.9
8 Su	Time 05:02 11:08 17:17 23:18	m 0.8 2.2 0.8 2.3	16 Mo	Time 04:48 11:06 17:19 23:41	m 2.1 0.9 2.1 0.9	24 Tu	Time 00:00 06:22 12:28 18:37	m 2.4 0.6 2.3 0.7			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

SEPTEMBER 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1	Time	m	9	Time	m	17	Time	m	25	Time	m
	00:09	1.1		00:12	2.5		01:58	0.8		01:20	2.2
	06:22	1.8		06:32	0.5		08:15	2.1		07:36	0.8
We	12:31	1.2	Th	12:39	2.4	Fr	14:26	0.9	Sa	13:37	2.2
	18:51	1.9		18:49	0.6		20:36	2.2		19:53	0.9
2	01:19	1.1	10	00:55	2.5	18	03:00	0.8	26	01:55	2.1
	07:32	1.9		07:15	0.6		09:13	2.2		09:10	0.9
Th	13:41	1.1	Fr	13:21	2.4	Sa	15:23	0.8	Su	15:12	2.1
	19:56	1.9		19:33	0.6		21:29	2.3		21:31	0.9
3	02:21	1.0	11	01:41	2.4	19	03:51	0.7	27	03:35	2.0
	08:31	1.9		08:00	0.6		10:02	2.2		09:48	1.0
Fr	14:41	1.1	Sa	14:06	2.4	Su	16:11	0.8	Mo	15:52	2.0
	20:49	2.0		20:21	0.7		22:15	2.4		22:16	1.0
4	03:11	0.9	12	02:31	2.3	20	04:36	0.6	28	04:23	1.9
	09:20	2.0		08:50	0.7		10:44	2.3		10:34	1.1
Sa	15:30	1.0	Su	14:56	2.3	Mo	16:54	0.7	Tu	16:43	1.9
	21:34	2.1		21:15	0.8		22:57	2.4		23:14	1.1
5	03:54	0.8	13	03:28	2.2	21	05:17	0.6	29	05:24	1.8
	10:02	2.1		09:45	0.8		11:23	2.3		11:34	1.2
Su	16:11	0.9	Mo	15:54	2.2	Tu	17:33	0.7	We	17:49	1.9
	22:14	2.3		22:18	0.8		23:35	2.4			
6	04:33	0.7	14	04:34	2.1	22	05:55	0.6	30	00:25	1.1
	10:41	2.3		10:49	0.9		11:58	2.3		06:39	1.8
Mo	16:50	0.8	Tu	17:02	2.1	We	18:09	0.7	Th	12:48	1.2
	22:52	2.4		23:30	0.9					19:06	1.9
7	05:12	0.6	15	05:49	2.0	23	00:11	2.4			
	11:20	2.3		12:02	1.0		06:30	0.7			
Tu	17:29	0.7	We	18:18	2.1	Th	12:32	2.3			
	23:32	2.4					18:44	0.7			
8	05:51	0.6	16	00:47	0.9	24	00:46	2.3			
	11:59	2.4		07:06	2.0		07:03	0.7			
We	18:08	0.6	Th	13:17	1.0	Fr	13:04	2.2			
				19:32	2.1		19:18	0.8			

TIMES SHOWN IN BOLD HAVE BEEN ADJUSTED FOR N.Z DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

OCTOBER 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Fr	Time 01:38 07:54 14:02 20:16	m 1.1 1.8 1.2 1.9	9 Sa	Time 01:34 07:52 13:58 20:14	m 2.5 0.5 2.5 0.5	17 Su	Time 03:42 09:55 16:04 22:10	m 0.8 2.1 0.9 2.2	25 Mo	Time 02:25 08:36 14:39 21:00	m 2.1 0.9 2.1 0.9
2 Sa	02:42 08:56 15:04 21:13	1.0 1.9 1.1 2.0	10 Su	02:23 08:40 14:46 21:05	2.4 0.6 2.4 0.6	18 Mo	04:31 10:40 16:50 22:54	0.7 2.2 0.8 2.3	26 Tu	03:04 09:13 15:18 21:44	2.0 1.0 2.0 1.0
3 Su	03:34 09:46 15:55 22:00	0.9 2.1 1.0 2.2	11 Mo	03:16 09:32 15:38 22:02	2.3 0.7 2.3 0.7	19 Tu	05:13 11:20 17:30 23:33	0.7 2.3 0.7 2.3	27 We	03:50 09:59 16:06 22:39	1.9 1.1 2.0 1.1
4 Mo	04:19 10:29 16:38 22:42	0.8 2.2 0.8 2.3	12 Tu	04:16 10:30 16:39 23:08	2.2 0.9 2.2 0.8	20 We	05:51 11:56 18:07	0.7 2.3 0.7	28 Th	04:49 10:56 17:08 23:45	1.9 1.1 1.9 1.1
5 Tu	05:01 11:10 17:19 23:24	0.7 2.3 0.7 2.4	13 We	05:25 11:37 17:49	2.1 1.0 2.1	21 Th	00:09 06:26 12:29 18:42	2.3 0.7 2.3 0.7	29 Fr	05:58 12:05 18:20	1.8 1.2 1.9
6 We	05:42 11:50 18:00	0.6 2.4 0.6	14 Th	00:21 06:40 12:51 19:06	0.9 2.0 1.0 2.1	22 Fr	00:43 06:59 13:01 19:15	2.3 0.7 2.3 0.7	30 Sa	00:53 07:09 13:16 19:30	1.1 1.9 1.1 2.0
7 Th	00:06 06:23 12:31 18:42	2.5 0.5 2.5 0.5	15 Fr	01:36 07:56 14:05 20:19	0.9 2.0 1.0 2.1	23 Sa	01:16 07:30 13:32 19:48	2.2 0.8 2.2 0.8	31 Su	01:55 08:11 14:19 20:30	1.0 2.0 1.1 2.1
8 Fr	00:49 07:07 13:14 19:27	2.5 0.5 2.5 0.5	16 Sa	02:44 09:01 15:10 21:20	0.8 2.1 0.9 2.2	24 Su	01:50 08:02 14:04 20:22	2.2 0.9 2.2 0.9			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

NOVEMBER 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 Mo	Time 02:50 09:05 15:14 21:21	m 0.9 2.1 0.9 2.2	9 Tu	Time 03:05 09:19 15:25 21:52	m 2.3 0.7 2.3 0.7	17 We	Time 04:44 10:52 17:04 23:07	m 0.8 2.2 0.8 2.2	25 Th	Time 03:29 09:36 15:42 22:13	m 2.0 1.0 2.0 1.0
2 Tu	03:40 09:52 16:02 22:09	0.8 2.2 0.8 2.3	10 We	04:06 10:17 16:26 22:57	2.2 0.8 2.2 0.8	18 Th	05:23 11:28 17:42 23:44	0.8 2.2 0.8 2.2	26 Fr	04:21 10:27 16:36 23:08	1.9 1.1 2.0 1.0
3 We	04:26 10:37 16:48 22:55	0.7 2.3 0.7 2.4	11 Th	05:12 11:22 17:34	2.1 0.9 2.1	19 Fr	05:58 12:02 18:17	0.8 2.2 0.8	27 Sa	05:19 11:26 17:38	1.9 1.1 2.0
4 Th	05:12 11:22 17:34 23:41	0.6 2.4 0.6 2.5	12 Fr	00:05 06:22 12:31 18:45	0.8 2.0 1.0 2.1	20 Sa	00:19 06:32 12:35 18:52	2.2 0.8 2.2 0.8	28 Su	00:08 06:22 12:29 18:43	1.0 1.9 1.1 2.0
5 Fr	05:58 12:06 18:20	0.5 2.5 0.5	13 Sa	01:13 07:31 13:39 19:53	0.9 2.0 1.0 2.1	21 Su	00:53 07:05 13:07 19:26	2.2 0.8 2.2 0.8	29 Mo	01:08 07:23 13:32 19:45	1.0 2.0 1.0 2.1
6 Sa	00:28 06:45 12:52 19:08	2.5 0.5 2.5 0.5	14 Su	02:17 08:34 14:43 20:53	0.9 2.0 1.0 2.1	22 Mo	01:28 07:39 13:41 20:02	2.1 0.9 2.2 0.8	30 Tu	02:05 08:21 14:31 20:43	0.9 2.1 0.9 2.2
7 Su	01:18 07:33 13:40 19:59	2.5 0.5 2.5 0.5	15 Mo	03:14 09:27 15:37 21:44	0.9 2.1 0.9 2.2	23 Tu	02:05 08:14 14:17 20:40	2.1 0.9 2.2 0.9			
8 Mo	02:09 08:24 14:30 20:53	2.4 0.6 2.4 0.6	16 Tu	04:02 10:12 16:23 22:28	0.8 2.1 0.9 2.2	24 We	02:44 08:52 14:56 21:23	2.0 1.0 2.1 0.9			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Fresh Water Basin

Lat. 44°40'S Long. 167°56'E

DECEMBER 2021

N.Z. LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

1 We	Time 03:00 09:15 15:27 21:37	m 0.8 2.2 0.8 2.3	9 Th	Time 03:51 10:01 16:09 22:38	m 2.2 0.8 2.3 0.7	17 Fr	Time 04:55 11:01 17:19 23:21	m 0.9 2.1 0.9 2.1	25 Sa	Time 03:55 10:01 16:08 22:36	m 2.1 1.0 2.1 0.9
2 Th	03:53 10:06 16:20 22:29	0.7 2.3 0.7 2.4	10 Fr	04:50 10:59 17:10 23:38	2.1 0.9 2.2 0.8	18 Sa	05:34 11:39 17:58	0.9 2.2 0.8	26 Su	04:44 10:51 17:02 23:28	2.0 1.0 2.1 0.9
3 Fr	04:45 10:56 17:11 23:21	0.6 2.4 0.6 2.5	11 Sa	05:51 11:59 18:13	2.1 1.0 2.1	19 Su	00:00 06:12 12:15 18:35	2.1 0.9 2.2 0.8	27 Mo	05:38 11:47 18:01	2.0 1.0 2.1
4 Sa	05:37 11:46 18:03	0.6 2.5 0.5	12 Su	00:38 06:52 13:01 19:16	0.9 2.0 1.0 2.1	20 Mo	00:36 06:48 12:50 19:11	2.1 0.9 2.2 0.8	28 Tu	00:24 06:38 12:49 19:05	0.9 2.0 1.0 2.1
5 Su	00:13 06:28 12:35 18:55	2.5 0.5 2.5 0.5	13 Mo	01:37 07:52 14:03 20:15	0.9 2.0 1.0 2.1	21 Tu	01:13 07:23 13:25 19:47	2.1 0.9 2.2 0.8	29 We	01:24 07:40 13:53 20:08	0.9 2.1 0.9 2.2
6 Mo	01:05 07:20 13:26 19:49	2.5 0.6 2.5 0.5	14 Tu	02:34 08:48 15:00 21:09	0.9 2.0 1.0 2.1	22 We	01:50 07:59 14:01 20:25	2.1 0.9 2.2 0.8	30 Th	02:25 08:41 14:56 21:10	0.8 2.2 0.8 2.2
7 Tu	01:59 08:12 14:18 20:43	2.4 0.6 2.5 0.5	15 We	03:26 09:37 15:52 21:58	0.9 2.1 0.9 2.1	23 Th	02:29 08:36 14:39 21:05	2.1 0.9 2.2 0.8	31 Fr	03:26 09:40 15:57 22:10	0.8 2.3 0.7 2.3
8 We	02:54 09:06 15:12 21:40	2.3 0.7 2.4 0.6	16 Th	04:13 10:21 16:37 22:41	0.9 2.1 0.9 2.1	24 Fr	03:10 09:16 15:21 21:48	2.1 0.9 2.1 0.9			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED