



NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

January 2022

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

1 Sa	Time 02:25 0.7 09:19 2.7 15:04 0.7 21:35 2.7	9 Su	Time 02:59 2.5 08:45 0.8 15:13 2.7 21:09 0.8	17 Mo	Time 03:36 0.9 10:39 2.7 16:18 0.7 22:37 2.6	25 Tu	Time 03:05 2.7 08:55 0.6 15:22 2.6 21:38 0.7
2 Su	03:25 0.6 10:13 2.8 15:55 0.6 22:27 2.7	10 Mo	03:43 2.4 09:31 0.9 16:04 2.5 21:59 0.9	18 Tu	04:22 0.7 11:15 2.8 16:54 0.6 23:18 2.7	26 We	03:49 2.5 09:46 0.8 16:16 2.5 22:32 0.8
3 Mo	04:21 0.6 11:00 3.0 16:42 0.5 23:16 2.8	11 Tu	04:32 2.3 10:27 1.1 17:05 2.4 22:52 1.0	19 We	05:03 0.6 11:48 2.9 17:30 0.5 23:58 2.7	27 Th	04:43 2.4 10:50 0.9 17:31 2.3 23:33 0.9
4 Tu	05:12 0.5 11:43 3.1 17:26 0.5	12 We	05:36 2.2 11:40 1.1 18:12 2.3 23:48 1.0	20 Th	05:41 0.5 12:21 3.0 18:06 0.5	28 Fr	06:07 2.3 12:10 1.0 18:58 2.3
5 We	00:03 2.8 05:59 0.5 12:25 3.1 18:10 0.5	13 Th	07:00 2.2 13:04 1.1 19:16 2.3	21 Fr	00:36 2.8 06:18 0.5 12:54 3.0 18:44 0.5	29 Sa	00:44 0.9 07:47 2.3 13:35 1.0 20:15 2.4
6 Th	00:49 2.8 06:42 0.5 13:05 3.1 18:53 0.5	14 Fr	00:47 1.0 08:17 2.2 14:09 1.1 20:13 2.4	22 Sa	01:13 2.8 06:54 0.4 13:27 2.9 19:23 0.5	30 Su	02:01 0.9 09:03 2.5 14:46 0.9 21:21 2.5
7 Fr	01:33 2.7 07:23 0.5 13:46 3.0 19:37 0.6	15 Sa	01:47 1.0 09:15 2.4 14:59 0.9 21:05 2.4	23 Su	01:49 2.8 07:32 0.5 14:01 2.9 20:05 0.5	31 Mo	03:17 0.8 10:00 2.7 15:44 0.7 22:19 2.6
8 Sa	02:16 2.6 08:03 0.6 14:28 2.8 20:22 0.7	16 Su	02:44 1.0 10:00 2.5 15:40 0.8 21:52 2.5	24 Mo	02:26 2.7 08:12 0.5 14:39 2.8 20:49 0.6		

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

February 2022

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

1 Tu	Time 04:21 0.7 10:48 2.9 16:34 0.6 23:10 2.7	9 We	Time 03:37 2.4 09:36 1.0 16:07 2.4 21:56 0.9	17 Th	Time 04:51 0.6 11:29 3.0 17:12 0.5 23:42 2.8	25 Fr	Time 04:09 2.4 10:17 0.9 16:49 2.3 22:56 1.0
2 We	05:13 0.5 11:30 3.1 17:18 0.5 23:56 2.8	10 Th	04:19 2.2 10:31 1.1 17:05 2.3 22:45 1.0	18 Fr	05:27 0.5 12:02 3.1 17:48 0.4	26 Sa	05:28 2.2 11:39 1.1 18:27 2.2
3 Th	05:56 0.5 12:10 3.1 17:59 0.5	11 Fr	05:30 2.1 11:49 1.2 18:18 2.2 23:45 1.1	19 Sa	00:19 2.9 06:02 0.4 12:34 3.1 18:25 0.3	27 Su	00:13 1.1 07:28 2.2 13:16 1.1 20:00 2.2
4 Fr	00:38 2.9 06:33 0.4 12:48 3.1 18:38 0.5	12 Sa	07:28 2.1 13:18 1.2 19:31 2.2	20 Su	00:55 3.0 06:37 0.3 13:07 3.1 19:02 0.4	28 Mo	01:52 1.1 08:50 2.4 14:36 0.9 21:13 2.4
5 Sa	01:17 2.8 07:07 0.4 13:25 3.1 19:16 0.5	13 Su	00:56 1.2 08:47 2.2 14:26 1.1 20:36 2.3	21 Mo	01:29 3.0 07:13 0.3 13:41 3.0 19:41 0.4		
6 Su	01:54 2.8 07:41 0.5 14:02 2.9 19:54 0.6	14 Mo	02:13 1.1 09:38 2.4 15:16 0.9 21:31 2.4	22 Tu	02:04 2.9 07:50 0.4 14:17 2.8 20:22 0.5		
7 Mo	02:29 2.7 08:15 0.6 14:40 2.8 20:32 0.7	15 Tu	03:20 1.0 10:19 2.6 15:57 0.7 22:20 2.6	23 We	02:40 2.8 08:31 0.5 14:56 2.7 21:06 0.6		
8 Tu	03:03 2.5 08:52 0.8 15:20 2.6 21:12 0.8	16 We	04:11 0.8 10:55 2.8 16:35 0.6 23:03 2.7	24 Th	03:20 2.6 09:18 0.7 15:44 2.5 21:56 0.8		

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

March 2022

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

1 Tu	Time m 03:23 0.9 09:47 2.7 15:36 0.8 22:12 2.6	9 We	Time m 02:25 2.6 08:16 0.7 14:42 2.6 20:31 0.7	17 Th	Time m 03:51 0.8 10:27 2.8 16:09 0.6 22:40 2.8	25 Fr	Time m 02:59 2.6 08:56 0.8 15:25 2.4 21:30 0.9
2 We	04:23 0.7 10:32 2.9 16:23 0.6 23:00 2.7	10 Th	02:54 2.5 08:55 0.9 15:20 2.4 21:10 0.9	18 Fr	04:30 0.5 11:03 3.0 16:47 0.4 23:20 2.9	26 Sa	03:49 2.4 09:56 1.0 16:31 2.2 22:31 1.0
3 Th	05:06 0.5 11:12 3.1 17:04 0.5 23:42 2.9	11 Fr	03:25 2.3 09:43 1.1 16:08 2.3 21:55 1.0	19 Sa	05:06 0.4 11:37 3.1 17:24 0.3 23:57 3.0	27 Su	05:14 2.2 11:22 1.1 18:13 2.1 23:59 1.2
4 Fr	05:42 0.4 11:49 3.1 17:40 0.4	12 Sa	04:08 2.1 10:52 1.2 17:17 2.1 22:53 1.2	20 Su	05:41 0.3 12:11 3.1 18:01 0.3	28 Mo	07:13 2.2 13:07 1.1 19:50 2.2
5 Sa	00:19 2.9 06:13 0.4 12:25 3.1 18:14 0.4	13 Su	06:22 2.0 12:27 1.2 18:46 2.1	21 Mo	00:33 3.1 06:16 0.2 12:45 3.1 18:39 0.3	29 Tu	01:59 1.1 08:31 2.4 14:24 0.9 21:02 2.4
6 Su	00:54 2.9 06:42 0.4 12:59 3.1 18:48 0.5	14 Mo	00:10 1.2 08:11 2.2 13:48 1.1 20:05 2.2	22 Tu	01:08 3.1 06:52 0.3 13:20 3.0 19:17 0.4	30 We	03:17 0.9 09:25 2.7 15:18 0.8 21:56 2.6
7 Mo	01:26 2.9 07:12 0.4 13:33 3.0 19:21 0.5	15 Tu	01:42 1.2 09:08 2.4 14:44 0.9 21:06 2.4	23 We	01:43 3.0 07:29 0.4 13:56 2.8 19:57 0.5	31 Th	04:07 0.7 10:08 2.9 16:01 0.6 22:41 2.7
8 Tu	01:57 2.8 07:43 0.6 14:07 2.8 19:55 0.6	16 We	03:00 1.0 09:50 2.6 15:29 0.7 21:57 2.6	24 Th	02:19 2.8 08:09 0.5 14:36 2.6 20:41 0.7		

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

April 2022

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

1 Fr	Time 04:45 10:46 16:38 23:19	m 0.5 3.0 0.5 2.9	9 Sa	Time 01:52 08:10 14:32 20:19	m 2.4 1.0 2.3 1.0	17 Su	Time 03:40 10:08 15:56 22:32	m 0.4 3.1 0.3 3.1	25 Mo	Time 04:10 10:16 17:03 22:57	m 2.3 1.1 2.2 1.2
2 Sa	Time 05:17 11:22 17:11 23:54	m 0.4 3.1 0.5 2.9	10 Su	Time 02:33 09:15 15:34 21:16	m 2.2 1.1 2.1 1.1	18 Mo	Time 04:17 10:45 16:35 23:10	m 0.3 3.1 0.3 3.1	26 Tu	Time 05:50 11:52 18:30	m 2.3 1.0 2.2
3 Su	Time 04:45 10:57 16:43 23:27	m 0.4 3.1 0.4 2.9	11 Mo	Time 04:07 10:42 17:01 22:33	m 2.1 1.2 2.1 1.2	19 Tu	Time 04:53 11:22 17:15 23:47	m 0.2 3.0 0.3 3.1	27 We	Time 00:47 07:02 12:57 19:38	m 1.1 2.5 0.9 2.4
4 Mo	Time 05:13 11:30 17:15 23:57	m 0.4 3.0 0.5 2.9	12 Tu	Time 06:23 12:04 18:26	m 2.2 1.1 2.2	20 We	Time 05:31 12:00 17:56	m 0.3 2.9 0.4	28 Th	Time 01:51 07:54 13:46 20:30	m 0.9 2.6 0.8 2.6
5 Tu	Time 05:42 12:03 17:47	m 0.4 2.9 0.5	13 We	Time 00:06 07:27 13:04 19:32	m 1.2 2.4 0.9 2.4	21 Th	Time 00:25 06:10 12:41 18:38	m 3.0 0.4 2.8 0.6	29 Fr	Time 02:37 08:37 14:27 21:14	m 0.7 2.8 0.7 2.7
6 We	Time 00:26 06:12 12:36 18:21	m 2.8 0.5 2.7 0.6	14 Th	Time 01:25 08:13 13:52 20:25	m 1.0 2.6 0.7 2.6	22 Fr	Time 01:04 06:53 13:26 19:23	m 2.8 0.6 2.6 0.7	30 Sa	Time 03:14 09:16 15:04 21:52	m 0.6 2.9 0.6 2.8
7 Th	Time 00:54 06:45 13:10 18:56	m 2.7 0.7 2.6 0.7	15 Fr	Time 02:18 08:54 14:35 21:11	m 0.7 2.8 0.5 2.8	23 Sa	Time 01:48 07:43 14:19 20:15	m 2.6 0.8 2.4 0.9			
8 Fr	Time 01:21 07:23 13:47 19:34	m 2.5 0.8 2.4 0.9	16 Sa	Time 03:01 09:31 15:16 21:53	m 0.5 3.0 0.4 3.0	24 Su	Time 02:44 08:47 15:30 21:20	m 2.4 1.0 2.2 1.1			

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

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

May 2022

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

1 Su	Time 03:45 09:52 15:37 22:27	m 0.5 3.0 0.5 2.9	9 Mo	Time 02:17 08:49 15:07 20:50	m 2.3 1.0 2.2 1.1	17 Tu	Time 03:52 10:21 16:11 22:50	m 0.3 3.0 0.4 3.1	25 We	Time 05:16 11:18 17:56	m 2.4 1.0 2.3
2 Mo	Time 04:14 10:27 16:11 23:00	m 0.4 3.0 0.5 2.9	10 Tu	Time 03:31 10:04 16:18 22:01	m 2.2 1.1 2.2 1.1	18 We	Time 04:32 11:03 16:55 23:30	m 0.3 2.9 0.4 3.1	26 Th	Time 00:11 06:23 12:16 19:03	m 1.0 2.5 0.9 2.4
3 Tu	Time 04:43 11:02 16:44 23:31	m 0.5 2.9 0.6 2.9	11 We	Time 05:24 11:17 17:38 23:24	m 2.2 1.0 2.2 1.1	19 Th	Time 05:13 11:47 17:40	m 0.4 2.8 0.5	27 Fr	Time 01:13 07:16 13:04 19:58	m 0.9 2.6 0.8 2.5
4 We	Time 05:13 11:36 17:17	m 0.5 2.8 0.6	12 Th	Time 06:37 12:17 18:49	m 2.4 0.8 2.4	20 Fr	Time 00:11 05:55 12:32 18:25	m 3.0 0.5 2.7 0.6	28 Sa	Time 02:01 08:02 13:47 20:44	m 0.8 2.7 0.8 2.6
5 Th	Time 00:00 05:45 12:10 17:52	m 2.8 0.6 2.7 0.7	13 Fr	Time 00:41 07:30 13:09 19:48	m 0.9 2.6 0.7 2.6	21 Sa	Time 00:54 06:42 13:22 19:13	m 2.8 0.6 2.5 0.8	29 Su	Time 02:40 08:43 14:26 21:25	m 0.7 2.8 0.7 2.7
6 Fr	Time 00:29 06:19 12:46 18:28	m 2.7 0.7 2.5 0.7	14 Sa	Time 01:40 08:16 13:57 20:39	m 0.7 2.7 0.6 2.8	22 Su	Time 01:42 07:35 14:18 20:07	m 2.7 0.8 2.4 0.9	30 Mo	Time 03:14 09:22 15:04 22:02	m 0.6 2.8 0.7 2.8
7 Sa	Time 00:59 06:59 13:25 19:08	m 2.6 0.8 2.4 0.8	15 Su	Time 02:28 08:59 14:43 21:25	m 0.5 2.9 0.4 2.9	23 Mo	Time 02:39 08:41 15:24 21:12	m 2.5 0.9 2.3 1.0	31 Tu	Time 03:45 10:00 15:41 22:36	m 0.6 2.8 0.6 2.8
8 Su	Time 01:33 07:47 14:11 19:54	m 2.4 1.0 2.3 1.0	16 Mo	Time 03:11 09:40 15:27 22:08	m 0.4 3.0 0.4 3.0	24 Tu	Time 03:54 10:01 16:40 22:41	m 2.4 1.0 2.2 1.1			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

June 2022

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

1 We	Time 04:17 10:37 16:17 23:09	m 0.6 2.7 0.6 2.8	9 Th	Time 04:22 10:29 16:46 22:41	m 2.3 0.9 2.3 1.0	17 Fr	Time 04:59 11:38 17:31	m 0.4 2.8 0.5	25 Sa	Time 00:29 06:35 12:15 19:22	m 1.0 2.5 0.9 2.4
2 Th	04:49 11:14 16:53 23:40	0.6 2.7 0.7 2.8	10 Fr	05:41 11:30 18:00 23:56	2.4 0.8 2.4 0.9	18 Sa	00:00 05:45 12:27 18:17	3.0 0.5 2.7 0.6	26 Su	01:23 07:25 13:04 20:15	0.9 2.5 0.9 2.5
3 Fr	05:23 11:51 17:31	0.6 2.6 0.7	11 Sa	06:44 12:26 19:09	2.5 0.7 2.5	19 Su	00:44 06:33 13:16 19:05	2.9 0.6 2.6 0.7	27 Mo	02:07 08:12 13:51 21:00	0.8 2.6 0.9 2.6
4 Sa	00:12 06:00 12:29 18:09	2.7 0.7 2.5 0.7	12 Su	01:01 07:38 13:20 20:09	0.8 2.6 0.6 2.7	20 Mo	01:31 07:26 14:07 19:55	2.8 0.7 2.5 0.8	28 Tu	02:45 08:55 14:36 21:40	0.7 2.6 0.8 2.7
5 Su	00:44 06:41 13:09 18:50	2.6 0.8 2.5 0.8	13 Mo	01:56 08:28 14:12 21:01	0.6 2.7 0.6 2.8	21 Tu	02:23 08:24 15:01 20:51	2.6 0.8 2.4 0.9	29 We	03:21 09:37 15:18 22:16	0.7 2.6 0.8 2.8
6 Mo	01:20 07:29 13:53 19:35	2.5 0.8 2.4 0.9	14 Tu	02:45 09:16 15:04 21:49	0.5 2.8 0.5 3.0	22 We	03:24 09:26 16:01 22:00	2.5 0.9 2.3 1.0	30 Th	03:55 10:18 15:59 22:51	0.6 2.6 0.7 2.8
7 Tu	02:03 08:24 14:42 20:26	2.4 0.9 2.4 0.9	15 We	03:31 10:03 15:54 22:34	0.4 2.8 0.5 3.0	23 Th	04:32 10:27 17:09 23:21	2.4 0.9 2.3 1.0			
8 We	03:02 09:26 15:38 21:28	2.4 0.9 2.3 1.0	16 Th	04:15 10:51 16:43 23:17	0.4 2.8 0.5 3.0	24 Fr	05:37 11:24 18:19	2.4 0.9 2.3			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

July 2022

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

1 Fr	Time 04:30 10:57 16:37 23:23	m 0.6 2.6 0.7 2.8	9 Sa	Time 04:43 10:43 17:09 23:13	m 2.4 0.8 2.4 0.9	17 Su	Time 05:34 12:16 18:07	m 0.5 2.8 0.5	25 Mo	Time 00:46 06:49 12:21 19:50	m 1.0 2.3 1.0 2.3
2 Sa	05:05 11:36 17:15 23:56	0.6 2.6 0.7 2.8	10 Su	05:58 11:44 18:32	2.4 0.8 2.4	18 Mo	00:28 06:19 13:00 18:49	3.0 0.5 2.7 0.6	26 Tu	01:39 07:44 13:21 20:40	1.0 2.4 1.0 2.5
3 Su	05:43 12:14 17:54	0.6 2.6 0.6	11 Mo	00:27 07:05 12:47 19:45	0.9 2.5 0.8 2.6	19 Tu	01:10 07:05 13:43 19:31	2.9 0.6 2.6 0.7	27 We	02:23 08:34 14:17 21:21	0.8 2.5 0.9 2.6
4 Mo	00:29 06:24 12:53 18:33	2.7 0.7 2.6 0.7	12 Tu	01:31 08:04 13:50 20:44	0.8 2.6 0.7 2.7	20 We	01:55 07:52 14:26 20:16	2.7 0.7 2.5 0.8	28 Th	03:01 09:20 15:05 21:58	0.7 2.5 0.8 2.8
5 Tu	01:04 07:07 13:32 19:14	2.7 0.7 2.6 0.7	13 We	02:26 09:00 14:51 21:35	0.6 2.6 0.7 2.9	21 Th	02:45 08:40 15:13 21:09	2.6 0.8 2.4 1.0	29 Fr	03:37 10:03 15:47 22:32	0.6 2.6 0.7 2.8
6 We	01:43 07:55 14:13 20:00	2.6 0.7 2.5 0.8	14 Th	03:16 09:52 15:47 22:21	0.5 2.7 0.6 3.0	22 Fr	03:41 09:31 16:10 22:17	2.4 0.9 2.3 1.1	30 Sa	04:13 10:43 16:25 23:05	0.6 2.7 0.6 2.9
7 Th	02:29 08:47 15:00 20:54	2.5 0.8 2.5 0.9	15 Fr	04:03 10:43 16:38 23:04	0.5 2.8 0.5 3.1	23 Sa	04:45 10:24 17:25 23:37	2.3 1.0 2.2 1.1	31 Su	04:48 11:20 17:01 23:37	0.5 2.7 0.5 2.9
8 Fr	03:29 09:44 15:56 21:58	2.4 0.8 2.4 0.9	16 Sa	04:49 11:31 17:24 23:46	0.5 2.8 0.5 3.1	24 Su	05:50 11:21 18:45	2.3 1.0 2.2			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED

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Havelock

Lat. 41°17'S Long. 173°46'E

August 2022

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

1 Mo	Time 05:25 11:56 17:37	m 0.5 2.8 0.5	9 Tu	Time 06:41 12:24 19:29	m 2.3 1.0 2.5	17 We	Time 00:43 06:34 13:11 18:59	m 3.0 0.5 2.8 0.6	25 Th	Time 02:03 08:15 14:08 21:01	m 0.9 2.4 1.0 2.6
2 Tu	00:09 06:02 12:31 18:13	2.9 0.5 2.8 0.5	10 We	01:15 07:52 13:42 20:32	0.9 2.4 0.9 2.7	18 Th	01:21 07:13 13:47 19:37	2.8 0.6 2.6 0.7	26 Fr	02:42 09:03 14:56 21:36	0.8 2.5 0.8 2.8
3 We	00:42 06:42 13:07 18:51	2.8 0.5 2.8 0.5	11 Th	02:15 08:52 14:51 21:22	0.7 2.6 0.7 2.9	19 Fr	02:03 07:53 14:24 20:20	2.6 0.8 2.5 0.9	27 Sa	03:18 09:45 15:34 22:09	0.6 2.7 0.7 2.9
4 Th	01:17 07:24 13:44 19:32	2.7 0.6 2.7 0.6	12 Fr	03:07 09:46 15:47 22:06	0.6 2.7 0.6 3.0	20 Sa	02:49 08:36 15:06 21:15	2.4 0.9 2.3 1.1	28 Su	03:52 10:23 16:08 22:42	0.5 2.8 0.5 3.0
5 Fr	01:57 08:10 14:24 20:20	2.6 0.7 2.6 0.8	13 Sa	03:53 10:33 16:32 22:47	0.5 2.8 0.5 3.1	21 Su	03:47 09:26 16:13 22:35	2.3 1.0 2.1 1.2	29 Mo	04:26 11:00 16:42 23:13	0.4 2.9 0.4 3.0
6 Sa	02:46 09:01 15:12 21:19	2.5 0.8 2.5 0.9	14 Su	04:35 11:17 17:12 23:26	0.4 2.9 0.4 3.1	22 Mo	04:59 10:25 18:06	2.2 1.2 2.1	30 Tu	05:02 11:34 17:16 23:45	0.4 3.0 0.3 3.0
7 Su	03:51 09:59 16:21 22:34	2.3 0.9 2.3 1.0	15 Mo	05:16 11:57 17:48	0.4 2.9 0.4	23 Tu	00:09 06:14 11:37 19:28	1.2 2.2 1.2 2.2	31 We	05:38 12:08 17:50	0.4 3.0 0.3
8 Mo	05:17 11:07 18:04 23:59	2.3 0.9 2.3 1.0	16 Tu	00:05 05:55 12:35 18:23	3.1 0.5 2.8 0.5	24 We	01:15 07:20 12:59 20:20	1.1 2.2 1.1 2.4			

TIMES LISTED ARE N.Z. STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

September 2022

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

1 Th	Time 00:17 06:15 12:41 18:27	m 2.9 0.4 2.9 0.4	9 Fr	Time 02:09 08:46 14:54 21:06	m 0.8 2.5 0.7 2.9	17 Sa	Time 01:23 07:10 13:40 19:37	m 2.6 0.7 2.5 0.9	25 Su	Time 03:51 10:22 16:12 22:42	m 0.6 2.7 0.6 3.0
2 Fr	00:51 06:54 13:16 19:06	2.8 0.5 2.8 0.5	10 Sa	02:56 09:35 15:39 21:47	0.6 2.7 0.5 3.1	18 Su	02:03 07:49 14:13 20:26	2.4 0.9 2.3 1.1	26 Mo	04:26 11:00 16:46 23:15	0.4 2.9 0.4 3.1
3 Sa	01:28 07:37 13:54 19:50	2.7 0.6 2.7 0.7	11 Su	03:37 10:18 16:17 22:25	0.4 2.9 0.4 3.2	19 Mo	02:53 08:35 14:58 21:37	2.2 1.1 2.1 1.2	27 Tu	05:01 11:36 17:19 23:47	0.3 3.0 0.3 3.1
4 Su	02:13 08:25 14:39 20:46	2.5 0.8 2.5 0.9	12 Mo	04:15 10:57 16:50 23:02	0.4 3.0 0.3 3.2	20 Tu	04:04 09:32 17:12 23:25	2.1 1.2 2.0 1.2	28 We	05:36 12:10 17:53	0.3 3.1 0.3
5 Mo	03:13 09:23 15:47 22:05	2.3 1.0 2.3 1.1	13 Tu	04:51 11:33 17:22 23:37	0.4 3.0 0.3 3.1	21 We	05:35 10:52 18:58	2.0 1.3 2.2	29 Th	00:20 06:12 12:44 18:28	3.1 0.3 3.1 0.3
6 Tu	04:48 10:38 17:48 23:44	2.1 1.1 2.2 1.1	14 We	05:25 12:06 17:53	0.4 2.9 0.4	22 Th	00:45 06:53 12:35 19:53	1.1 2.1 1.2 2.4	30 Fr	00:53 06:50 13:18 19:04	3.0 0.3 3.0 0.4
7 We	06:30 12:16 19:19	2.2 1.1 2.4	15 Th	00:12 05:59 12:39 18:25	3.0 0.5 2.8 0.5	23 Fr	01:35 07:53 13:51 20:33	0.9 2.3 1.0 2.6			
8 Th	01:09 07:47 13:51 20:19	0.9 2.3 1.0 2.7	16 Fr	00:47 06:34 13:09 18:59	2.8 0.6 2.7 0.7	24 Sa	02:15 08:40 14:36 21:08	0.7 2.5 0.8 2.8			

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

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

October 2022

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

1 Sa	Time 01:28 2.8 07:28 0.5 13:54 2.9 19:43 0.5	9 Su	Time 03:36 0.6 10:17 2.8 16:20 0.5 22:22 3.0	17 Mo	Time 02:29 2.4 08:13 0.9 14:38 2.4 20:50 1.0	25 Tu	Time 03:55 0.4 10:33 2.9 16:19 0.4 22:46 3.0
2 Su	02:07 2.6 08:10 0.6 14:32 2.7 20:28 0.7	10 Mo	04:14 0.5 10:57 2.9 16:54 0.4 22:59 3.1	18 Tu	03:14 2.2 08:56 1.0 15:18 2.2 21:55 1.2	26 We	04:33 0.3 11:11 3.1 16:55 0.3 23:22 3.1
3 Mo	02:52 2.4 08:58 0.8 15:19 2.5 21:25 1.0	11 Tu	04:49 0.4 11:33 3.0 17:24 0.3 23:34 3.1	19 We	04:16 2.1 09:51 1.2 16:47 2.1 23:29 1.2	27 Th	05:11 0.3 11:48 3.1 17:31 0.2 23:58 3.0
4 Tu	03:55 2.2 09:57 1.0 16:32 2.3 22:47 1.1	12 We	05:22 0.4 12:07 3.0 17:54 0.3	20 Th	05:45 2.0 11:08 1.3 19:08 2.1	28 Fr	05:50 0.3 12:25 3.1 18:07 0.3
5 We	05:36 2.1 11:21 1.2 18:36 2.2	13 Th	00:09 3.1 05:55 0.4 12:39 3.0 18:23 0.4	21 Fr	00:57 1.1 07:12 2.1 12:50 1.2 20:11 2.3	29 Sa	00:35 2.9 06:29 0.4 13:01 3.0 18:45 0.4
6 Th	00:38 1.1 07:22 2.1 13:26 1.1 20:03 2.4	14 Fr	00:43 2.9 06:27 0.5 13:09 2.9 18:54 0.5	22 Sa	01:53 0.9 08:17 2.3 14:12 1.0 20:56 2.6	30 Su	01:14 2.8 07:10 0.5 13:39 2.9 19:27 0.6
7 Fr	02:00 0.9 08:37 2.3 14:49 0.9 20:59 2.7	15 Sa	01:16 2.8 07:01 0.6 13:38 2.7 19:27 0.7	23 Su	02:37 0.7 09:09 2.5 15:02 0.8 21:34 2.8	31 Mo	01:56 2.6 07:54 0.7 14:21 2.7 20:14 0.8
8 Sa	02:54 0.7 09:32 2.6 15:40 0.7 21:43 2.9	16 Su	01:51 2.6 07:35 0.7 14:07 2.5 20:04 0.9	24 Mo	03:16 0.6 09:53 2.7 15:42 0.6 22:11 2.9		

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

November 2022

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

1 Tu	Time 02:46 2.4 08:43 0.9 15:12 2.5 21:14 1.0	9 We	Time 04:20 0.5 11:09 2.9 16:58 0.4 23:08 3.0	17 Th	Time 03:43 2.2 09:22 1.1 15:59 2.2 22:37 1.1	25 Fr	Time 04:50 0.4 11:30 3.1 17:12 0.3 23:41 2.9
2 We	03:52 2.2 09:44 1.1 16:27 2.3 22:37 1.1	10 Th	04:54 0.5 11:43 3.0 17:28 0.4 23:43 2.9	18 Fr	04:50 2.1 10:28 1.2 17:51 2.2 23:53 1.1	26 Sa	05:33 0.4 12:10 3.1 17:52 0.3
3 Th	05:24 2.1 11:10 1.2 18:12 2.3	11 Fr	05:27 0.5 12:15 2.9 17:58 0.5	19 Sa	06:12 2.2 11:52 1.2 19:13 2.3	27 Su	00:23 2.8 06:17 0.4 12:50 3.0 18:33 0.4
4 Fr	00:20 1.1 07:00 2.2 13:12 1.1 19:33 2.4	12 Sa	00:18 2.8 06:01 0.6 12:46 2.8 18:29 0.6	20 Su	00:56 0.9 07:27 2.3 13:17 1.0 20:09 2.5	28 Mo	01:08 2.7 07:00 0.5 13:31 2.9 19:18 0.6
5 Sa	01:33 0.9 08:13 2.3 14:25 0.9 20:29 2.6	13 Su	00:53 2.7 06:35 0.6 13:16 2.7 19:03 0.7	21 Mo	01:49 0.8 08:29 2.5 14:20 0.9 20:56 2.7	29 Tu	01:55 2.6 07:46 0.7 14:15 2.8 20:08 0.7
6 Su	02:24 0.8 09:08 2.5 15:14 0.7 21:14 2.8	14 Mo	01:29 2.5 07:10 0.7 13:46 2.6 19:41 0.8	22 Tu	02:37 0.6 09:21 2.7 15:09 0.7 21:38 2.8	30 We	02:46 2.4 08:35 0.8 15:07 2.6 21:06 0.9
7 Mo	03:07 0.6 09:53 2.7 15:53 0.6 21:54 2.9	15 Tu	02:07 2.4 07:48 0.8 14:18 2.5 20:27 1.0	23 We	03:22 0.5 10:07 2.9 15:51 0.5 22:19 2.9		
8 Tu	03:44 0.5 10:33 2.9 16:27 0.5 22:32 3.0	16 We	02:50 2.3 08:31 1.0 14:58 2.3 21:24 1.1	24 Th	04:06 0.4 10:49 3.0 16:32 0.4 23:00 2.9		

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

Havelock

Lat. 41°17'S Long. 173°46'E

December 2022

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

1 Th	Time 03:45 09:33 16:12 22:18	m 2.3 1.0 2.5 1.0	9 Fr	Time 04:30 11:24 17:06 23:23	m 0.6 2.9 0.5 2.8	17 Sa	Time 04:04 09:52 16:33 22:54	m 2.3 1.0 2.3 0.9	25 Su	Time 05:25 12:00 17:42	m 0.5 3.1 0.4
2 Fr	04:56 10:48 17:34 23:37	2.2 1.1 2.4 1.0	10 Sa	05:07 11:58 17:38	0.6 2.9 0.6	18 Su	05:05 10:59 17:59 23:57	2.3 1.0 2.3 0.9	26 Mo	00:19 06:12 12:41 18:26	2.8 0.5 3.1 0.4
3 Sa	06:17 12:27 18:49	2.2 1.1 2.4	11 Su	00:01 05:42 12:30 18:12	2.7 0.6 2.8 0.6	19 Mo	06:22 12:18 19:14	2.3 1.0 2.4	27 Tu	01:05 06:56 13:23 19:11	2.8 0.5 3.0 0.5
4 Su	00:45 07:33 13:45 19:50	0.9 2.3 1.0 2.5	12 Mo	00:38 06:18 13:01 18:47	2.6 0.6 2.8 0.7	20 Tu	00:57 07:42 13:33 20:14	0.8 2.4 0.9 2.5	28 We	01:51 07:40 14:06 19:59	2.7 0.6 2.9 0.6
5 Mo	01:41 08:36 14:40 20:40	0.9 2.4 0.9 2.6	13 Tu	01:15 06:54 13:32 19:25	2.6 0.7 2.7 0.7	21 We	01:55 08:48 14:34 21:07	0.7 2.5 0.8 2.6	29 Th	02:37 08:25 14:53 20:51	2.6 0.7 2.8 0.7
6 Tu	02:28 09:27 15:23 21:24	0.8 2.6 0.7 2.7	14 We	01:52 07:32 14:04 20:08	2.5 0.7 2.6 0.8	22 Th	02:51 09:44 15:26 21:56	0.7 2.7 0.6 2.7	30 Fr	03:25 09:14 15:45 21:46	2.5 0.8 2.6 0.8
7 We	03:12 10:10 16:01 22:05	0.7 2.7 0.6 2.8	15 Th	02:32 08:12 14:41 20:57	2.4 0.8 2.5 0.9	23 Fr	03:45 10:32 16:13 22:45	0.6 2.9 0.5 2.8	31 Sa	04:18 10:11 16:48 22:45	2.4 1.0 2.5 0.9
8 Th	03:52 10:49 16:34 22:45	0.7 2.8 0.6 2.8	16 Fr	03:15 08:58 15:28 21:53	2.4 0.9 2.4 0.9	24 Sa	04:37 11:17 16:58 23:32	0.5 3.0 0.4 2.8			

TIMES LISTED ARE N.Z. DAYLIGHT TIME

CROWN COPYRIGHT RESERVED