

# MOONRISE AND MOONSET TIMES WAITANGI (CHATHAM ISLAND)

July 2022 – December 2022

ASTRONOMICAL

	July		August		September		October		November		December	
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	9:49	18:35	9:43	20:48	9:09	23:14	8:41	---	10:37	1:47	12:17	1:29
2	10:23	19:38	10:03	21:54	9:34	---	9:26	0:50	11:55	2:27	13:30	1:52
3	10:52	20:44	10:22	23:01	10:03	0:28	10:23	2:00	13:12	2:58	14:40	2:12
4	11:16	21:49	10:42	---	10:41	1:44	11:32	2:59	14:27	3:24	15:49	2:32
5	11:37	22:55	11:05	0:10	11:31	2:58	12:48	3:47	15:39	3:46	16:58	2:53
6	11:57	---	11:31	1:23	12:33	4:06	14:07	4:24	16:50	4:06	18:07	3:15
7	12:17	0:02	12:04	2:39	13:46	5:03	15:25	4:54	18:00	4:26	19:15	3:41
8	12:39	1:11	12:47	3:57	15:06	5:48	16:41	5:19	19:10	4:48	20:21	4:13
9	13:03	2:23	13:42	5:11	16:27	6:24	17:54	5:41	20:20	5:12	21:20	4:51
10	13:32	3:39	14:52	6:18	17:46	6:52	19:06	6:02	21:28	5:40	22:12	5:37
11	14:10	4:59	16:11	7:12	19:03	7:17	20:18	6:23	22:32	6:14	22:55	6:31
12	15:00	6:18	17:34	7:54	20:16	7:38	21:28	6:45	23:29	6:55	23:30	7:31
13	16:04	7:32	18:55	8:27	21:28	8:00	22:38	7:11	---	7:45	23:59	8:35
14	17:20	8:34	20:13	8:53	22:38	8:21	23:44	7:42	0:18	8:41	---	9:39
15	18:42	9:23	21:27	9:16	23:47	8:45	---	8:18	0:58	9:43	0:22	10:44
16	20:03	10:00	22:38	9:38	---	9:13	0:45	9:03	1:30	10:47	0:43	11:48
17	21:21	10:29	23:47	9:59	0:54	9:45	1:38	9:55	1:57	11:52	1:02	12:53
18	22:35	10:54	---	10:21	1:57	10:25	2:23	10:54	2:20	12:58	1:21	14:00
19	23:46	11:15	0:55	10:46	2:55	11:12	3:00	11:57	2:40	14:04	1:41	15:11
20	---	11:36	2:02	11:14	3:44	12:07	3:30	13:02	2:59	15:12	2:03	16:25
21	0:54	11:56	3:07	11:49	4:26	13:08	3:55	14:09	3:19	16:22	2:30	17:44
22	2:01	12:19	4:07	12:31	5:00	14:12	4:17	15:16	3:40	17:36	3:03	19:04
23	3:07	12:45	5:01	13:21	5:28	15:19	4:37	16:24	4:05	18:54	3:48	20:21
24	4:12	13:15	5:48	14:18	5:52	16:26	4:57	17:34	4:35	20:15	4:47	21:27
25	5:15	13:52	6:27	15:21	6:13	17:34	5:17	18:46	5:14	21:34	6:00	22:20
26	6:13	14:36	6:58	16:26	6:33	18:42	5:40	20:01	6:05	22:44	7:21	23:00
27	7:05	15:28	7:25	17:33	6:53	19:52	6:06	21:20	7:09	23:42	8:43	23:31
28	7:49	16:27	7:48	18:39	7:14	21:04	6:39	22:38	8:23	---	10:03	23:56
29	8:25	17:31	8:09	19:46	7:37	22:18	7:22	23:52	9:43	0:27	11:19	---
30	8:56	18:36	8:28	20:53	8:05	23:35	8:16	---	11:01	1:01	12:31	0:17
31	9:21	19:42	8:48	22:03	---	---	9:22	0:56	---	---	13:41	0:38

January 2023 – June 2023

	January		February		March		April		May		June	
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	14:50	0:58	17:08	0:49	16:00	---	16:38	0:59	15:47	1:59	15:06	4:06
2	15:59	1:20	18:04	1:30	16:51	0:13	17:03	2:04	16:05	3:04	15:30	5:18
3	17:06	1:44	18:52	2:19	17:33	1:07	17:24	3:09	16:23	4:10	16:00	6:33
4	18:12	2:14	19:32	3:16	18:07	2:07	17:43	4:14	16:43	5:17	16:39	7:51
5	19:13	2:50	20:04	4:17	18:35	3:11	18:01	5:19	17:04	6:26	17:30	9:07
6	20:08	3:33	20:30	5:22	18:58	4:17	18:19	6:25	17:30	7:40	18:35	10:15
7	20:53	4:25	20:53	6:26	19:18	5:22	18:39	7:33	18:03	8:56	19:51	11:10
8	21:31	5:23	21:12	7:31	19:37	6:26	19:02	8:43	18:46	10:12	21:12	11:53
9	22:01	6:26	21:31	8:35	19:55	7:31	19:29	9:57	19:42	11:24	22:33	12:26
10	22:26	7:30	21:49	9:39	20:13	8:37	20:05	11:11	20:49	12:26	23:50	12:53
11	22:48	8:34	22:08	10:45	20:34	9:44	20:51	12:25	22:06	13:15	---	13:15
12	23:07	9:38	22:29	11:52	20:58	10:54	21:49	13:32	23:25	13:53	1:05	13:36
13	23:25	10:42	22:55	13:03	21:27	12:07	22:59	14:29	---	14:23	2:18	13:56
14	23:44	11:47	23:27	14:17	22:05	13:21	---	15:15	0:44	14:48	3:30	14:18
15	---	12:54	---	15:32	22:55	14:33	0:16	15:50	2:00	15:10	4:42	14:42
16	0:04	14:04	0:10	16:44	23:58	15:38	1:37	16:19	3:14	15:30	5:54	15:10
17	0:27	15:18	1:06	17:48	---	16:32	2:56	16:43	4:28	15:51	7:05	15:46
18	0:56	16:35	2:17	18:39	1:12	17:15	4:13	17:05	5:41	16:13	8:11	16:29
19	1:34	17:53	3:38	19:20	2:34	17:49	5:30	17:26	6:55	16:39	9:09	17:21
20	2:24	19:04	5:03	19:52	3:56	18:17	6:45	17:47	8:08	17:10	9:58	18:20
21	3:30	20:04	6:27	20:18	5:18	18:41	8:00	18:11	9:18	17:49	10:37	19:23
22	4:48	20:51	7:47	20:41	6:36	19:02	9:14	18:40	10:22	18:35	11:08	20:28
23	6:12	21:27	9:05	21:02	7:53	19:24	10:27	19:14	11:17	19:30	11:33	21:33
24	7:37	21:55	10:20	21:24	9:09	19:47	11:35	19:55	12:02	20:31	11:55	22:37
25	8:58	22:19	11:33	21:48	10:24	20:13	12:35	20:45	12:38	21:35	12:13	23:40
26	10:15	22:41	12:45	22:15	11:37	20:43	13:26	21:43	13:07	22:41	12:31	---
27	11:28	23:01	13:55	22:47	12:46	21:20	14:07	22:45	13:31	23:45	12:49	0:43
28	12:40	23:23	15:00	23:26	13:50	22:04	14:39	23:50	13:51	---	13:07	1:49
29	13:50	23:47	---	---	14:45	22:57	15:06	---	14:09	0:49	13:29	2:57
30	14:58	---	---	---	15:31	23:56	15:28	0:55	14:27	1:53	13:55	4:09
31	16:05	0:15	---	---	16:08	---	---	---	14:45	2:59	---	---

Times listed are 45 minutes ahead of New Zealand Standard Time (NZST) as observed on the Chatham Islands.

Add 1 hour when New Zealand Daylight Time (NZDT) is in force.