



## Rise and set times and Moon illumination for January 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	05:52	21:05	04:52	19:32	03:33	18:04	Already risen	80%	10:27		04:54	20:12	15:42	02:18	10:21	23:53	16:55	02:52	12:14	00:45
2	05:52	21:05	04:47	19:28	03:33	18:07	00:18	72%	11:29		04:53	20:11	15:38	02:14	10:18	23:50	16:51	02:48	12:11	00:41
3	05:53	21:05	04:43	19:25	03:33	18:09	00:37	63%	12:30		04:52	20:11	15:34	02:10	10:14	23:46	16:47	02:44	12:07	00:37
4	05:54	21:05	04:39	19:23	03:33	18:11	00:54	54%	13:31	☾	04:52	20:10	15:30	02:07	10:11	23:42	16:43	02:40	12:03	00:33
5	05:55	21:05	04:36	19:21	03:33	18:13	01:13	44%	14:34		04:51	20:09	15:26	02:03	10:07	23:38	16:39	02:36	11:59	00:29
6	05:56	21:05	04:33	19:20	03:33	18:15	01:32	34%	15:39		04:50	20:09	15:22	01:59	10:04	23:35	16:35	02:32	11:55	00:25
7	05:57	21:05	04:30	19:19	03:33	18:17	01:56	25%	16:48		04:49	20:08	15:19	01:55	10:00	23:31	16:31	02:28	11:51	00:21
8	05:58	21:05	04:28	19:19	03:34	18:20	02:24	16%	18:00		04:49	20:07	15:15	01:51	09:57	23:27	16:27	02:24	11:48	00:17
9	05:59	21:04	04:27	19:19	03:34	18:22	03:01	9%	19:12		04:48	20:07	15:11	01:47	09:53	23:23	16:23	02:20	11:44	00:14
10	06:00	21:04	04:25	19:19	03:34	18:24	03:49	3%	20:19		04:48	20:06	15:07	01:43	09:50	23:20	16:19	02:16	11:40	00:10
11	06:01	21:04	04:24	19:20	03:35	18:26	04:50	1%	21:17		04:47	20:05	15:04	01:39	09:47	23:16	16:15	02:12	11:36	00:06
12	06:02	21:03	04:23	19:21	03:35	18:28	06:04	1%	22:04	☀	04:46	20:04	15:00	01:35	09:43	23:12	16:11	02:08	11:32	00:02
13	06:04	21:03	04:23	19:22	03:36	18:30	07:24	4%	22:40		04:46	20:04	14:56	01:32	09:40	23:09	16:07	02:04	11:28	23:54
14	06:05	21:03	04:23	19:23	03:36	18:32	08:47	10%	23:10		04:45	20:03	14:53	01:28	09:36	23:05	16:03	02:00	11:25	23:50
15	06:06	21:02	04:23	19:25	03:37	18:34	10:07	18%	23:35		04:45	20:02	14:49	01:24	09:33	23:01	15:59	01:56	11:21	23:46
16	06:07	21:02	04:23	19:27	03:38	18:36	11:24	28%	23:58		04:44	20:01	14:45	01:20	09:30	22:58	15:55	01:52	11:17	23:42
17	06:08	21:01	04:23	19:28	03:38	18:38	12:39	40%	Doesn't set		04:44	20:00	14:42	01:16	09:26	22:54	15:51	01:48	11:13	23:39
18	06:09	21:01	04:24	19:30	03:39	18:39	13:52	51%	00:20	☾	04:43	19:59	14:38	01:12	09:23	22:50	15:47	01:44	11:09	23:35
19	06:11	21:00	04:25	19:32	03:40	18:41	15:06	62%	00:43		04:43	19:59	14:34	01:09	09:19	22:47	15:43	01:40	11:05	23:31
20	06:12	20:59	04:26	19:34	03:41	18:43	16:19	73%	01:09		04:43	19:58	14:31	01:05	09:16	22:43	15:39	01:36	11:02	23:27
21	06:13	20:59	04:27	19:36	03:42	18:45	17:31	82%	01:40		04:42	19:57	14:27	01:01	09:13	22:39	15:35	01:32	10:58	23:23
22	06:14	20:58	04:29	19:38	03:43	18:46	18:37	89%	02:18		04:42	19:56	14:24	00:57	09:09	22:35	15:31	01:28	10:54	23:19
23	06:16	20:57	04:30	19:40	03:44	18:48	19:36	95%	03:04		04:41	19:55	14:20	00:54	09:06	22:32	15:27	01:24	10:50	23:15
24	06:17	20:57	04:32	19:42	03:45	18:50	20:25	96%	03:59		04:41	19:54	14:17	00:50	09:03	22:28	15:23	01:20	10:47	23:11
25	06:18	20:56	04:34	19:44	03:46	18:51	21:04	98%	05:00		04:41	19:53	14:13	00:46	08:59	22:24	15:19	01:16	10:43	23:07
26	06:20	20:55	04:36	19:46	03:48	18:53	21:35	100%	06:05	☀	04:41	19:52	14:10	00:42	08:56	22:21	15:15	01:12	10:39	23:04
27	06:21	20:54	04:39	19:48	03:49	18:54	22:01	99%	07:11		04:40	19:51	14:06	00:39	08:53	22:17	15:11	01:08	10:35	23:00
28	06:22	20:53	04:41	19:50	03:50	18:55	22:22	97%	08:16		04:40	19:50	14:03	00:35	08:49	22:13	15:07	01:04	10:31	22:56
29	06:24	20:52	04:44	19:52	03:52	18:57	22:41	93%	09:18		04:40	19:48	13:59	00:31	08:46	22:10	15:03	01:01	10:28	22:52
30	06:25	20:51	04:46	19:54	03:53	18:58	22:59	87%	10:20		04:40	19:47	13:56	00:27	08:42	22:06	14:59	00:57	10:24	22:48
31	06:26	20:50	04:49	19:56	03:55	18:59	23:16	80%	11:20		04:39	19:46	13:52	00:24	08:39	22:02	14:56	00:53	10:20	22:44

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for February 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	06:28	20:49	04:52	19:58	03:56	19:00	23:35	71%	12:22		04:39	19:45	13:49	00:20	08:36	21:59	14:52	00:49	10:16	22:40
2	06:29	20:48	04:56	19:59	03:58	19:02	23:56	62%	13:25		04:39	19:44	13:46	00:16	08:32	21:55	14:48	00:45	10:12	22:37
3	06:30	20:47	04:59	20:01	04:00	19:03	Already risen	52%	14:31	☾	04:39	19:43	13:42	00:13	08:29	21:51	14:44	00:41	10:09	22:33
4	06:32	20:46	05:02	20:02	04:01	19:04	00:21	42%	15:40		04:39	19:41	13:39	00:09	08:26	21:48	14:40	00:37	10:05	22:29
5	06:33	20:45	05:06	20:04	04:03	19:05	00:53	32%	16:50		04:39	19:40	13:36	00:05	08:22	21:44	14:36	00:33	10:01	22:25
6	06:34	20:43	05:10	20:05	04:05	19:06	01:34	22%	17:58		04:38	19:39	13:32	00:02	08:19	21:40	14:32	00:29	09:57	22:21
7	06:36	20:42	05:13	20:07	04:07	19:06	02:28	13%	19:00		04:38	19:38	13:29	23:54	08:16	21:37	14:28	00:25	09:54	22:17
8	06:37	20:41	05:17	20:08	04:09	19:07	03:35	6%	19:52		04:38	19:36	13:26	23:51	08:12	21:33	14:24	00:21	09:50	22:13
9	06:38	20:40	05:21	20:09	04:11	19:08	04:53	2%	20:34		04:38	19:35	13:22	23:47	08:09	21:29	14:21	00:17	09:46	22:09
10	06:40	20:39	05:26	20:10	04:12	19:09	06:16	0%	21:07	☾	04:38	19:34	13:19	23:43	08:06	21:26	14:17	00:13	09:42	22:06
11	06:41	20:37	05:30	20:11	04:15	19:09	07:40	2%	21:34		04:38	19:32	13:16	23:40	08:02	21:22	14:13	00:10	09:38	22:02
12	06:42	20:36	05:34	20:12	04:17	19:10	09:01	7%	21:59		04:38	19:31	13:12	23:36	07:59	21:18	14:09	00:06	09:35	21:58
13	06:44	20:35	05:39	20:13	04:19	19:10	10:20	14%	22:22		04:38	19:29	13:09	23:33	07:56	21:15	14:05	00:02	09:31	21:54
14	06:45	20:33	05:44	20:14	04:21	19:11	11:37	24%	22:45		04:38	19:28	13:06	23:29	07:53	21:11	14:01	23:54	09:27	21:50
15	06:46	20:32	05:48	20:15	04:23	19:11	12:54	35%	23:11		04:38	19:26	13:03	23:25	07:49	21:08	13:57	23:50	09:23	21:46
16	06:48	20:30	05:53	20:16	04:25	19:11	14:09	46%	23:41		04:38	19:25	13:00	23:22	07:46	21:04	13:54	23:46	09:20	21:42
17	06:49	20:29	05:58	20:16	04:27	19:12	15:22	57%	Doesn't set	☾	04:38	19:23	12:56	23:18	07:43	21:00	13:50	23:42	09:16	21:39
18	06:50	20:27	06:03	20:17	04:30	19:12	16:31	67%	00:17		04:38	19:22	12:53	23:15	07:39	20:57	13:46	23:39	09:12	21:35
19	06:52	20:26	06:08	20:17	04:32	19:12	17:33	77%	01:00		04:38	19:20	12:50	23:11	07:36	20:53	13:42	23:35	09:08	21:31
20	06:53	20:25	06:13	20:18	04:34	19:12	18:24	85%	01:53		04:38	19:19	12:47	23:08	07:33	20:49	13:38	23:31	09:05	21:27
21	06:54	20:23	06:18	20:18	04:36	19:12	19:06	91%	02:52		04:38	19:17	12:44	23:04	07:29	20:46	13:34	23:27	09:01	21:23
22	06:55	20:22	06:24	20:19	04:39	19:12	19:39	93%	03:56		04:38	19:16	12:41	23:00	07:26	20:42	13:31	23:23	08:57	21:19
23	06:57	20:20	06:29	20:19	04:41	19:12	20:05	96%	05:02		04:38	19:14	12:38	22:57	07:23	20:38	13:27	23:19	08:53	21:15
24	06:58	20:18	06:35	20:19	04:43	19:12	20:27	99%	06:06		04:38	19:13	12:34	22:53	07:19	20:35	13:23	23:15	08:50	21:12
25	06:59	20:17	06:41	20:20	04:46	19:12	20:47	100%	07:10	☾	04:38	19:11	12:31	22:50	07:16	20:31	13:19	23:11	08:46	21:08
26	07:00	20:15	06:46	20:20	04:48	19:12	21:05	99%	08:11		04:39	19:09	12:28	22:46	07:13	20:27	13:15	23:08	08:42	21:04
27	07:02	20:14	06:52	20:20	04:51	19:12	21:22	96%	09:12		04:39	19:08	12:25	22:43	07:10	20:24	13:11	23:04	08:38	21:00
28	07:03	20:12	06:58	20:20	04:53	19:11	21:40	92%	10:13		04:39	19:06	12:22	22:39	07:06	20:20	13:08	23:00	08:35	20:56
29	07:04	20:11	07:04	20:20	04:55	19:11	22:00	86%	11:16		04:39	19:04	12:19	22:36	07:03	20:16	13:04	22:56	08:31	20:52

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for March 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:05	20:09	07:10	20:20	04:58	19:11	22:23	78%	12:20		04:39	19:02	12:16	22:32	07:00	20:13	13:00	22:52	08:27	20:49
2	07:07	20:07	07:16	20:20	05:00	19:10	22:51	69%	13:27		04:39	19:01	12:13	22:29	06:56	20:09	12:56	22:48	08:23	20:45
3	07:08	20:06	07:22	20:20	05:03	19:10	23:27	59%	14:35		04:39	18:59	12:10	22:25	06:53	20:06	12:53	22:44	08:20	20:41
4	07:09	20:04	07:28	20:19	05:05	19:09	Already risen	49%	15:43	☾	04:39	18:57	12:07	22:22	06:50	20:02	12:49	22:41	08:16	20:37
5	07:10	20:02	07:34	20:19	05:08	19:09	00:13	38%	16:46		04:39	18:55	12:04	22:18	06:47	19:58	12:45	22:37	08:12	20:33
6	07:12	20:01	07:41	20:19	05:10	19:08	01:12	27%	17:41		04:39	18:54	12:01	22:15	06:43	19:55	12:41	22:33	08:08	20:29
7	07:13	19:59	07:47	20:19	05:12	19:08	02:23	17%	18:26		04:40	18:52	11:58	22:12	06:40	19:51	12:38	22:29	08:05	20:25
8	07:14	19:57	07:53	20:18	05:15	19:07	03:43	9%	19:02		04:40	18:50	11:55	22:08	06:37	19:47	12:34	22:25	08:01	20:22
9	07:15	19:56	08:00	20:18	05:17	19:07	05:06	3%	19:32		04:40	18:48	11:52	22:05	06:33	19:44	12:30	22:21	07:57	20:18
10	07:16	19:54	08:06	20:17	05:20	19:06	06:28	0%	19:57	☾	04:40	18:46	11:49	22:01	06:30	19:40	12:26	22:18	07:53	20:14
11	07:18	19:52	08:12	20:17	05:22	19:05	07:50	1%	20:21		04:40	18:44	11:46	21:58	06:27	19:36	12:22	22:14	07:50	20:10
12	07:19	19:51	08:18	20:16	05:25	19:04	09:10	4%	20:45		04:40	18:43	11:43	21:54	06:23	19:33	12:19	22:10	07:46	20:06
13	07:20	19:49	08:24	20:15	05:27	19:04	10:30	11%	21:10		04:40	18:41	11:40	21:51	06:20	19:29	12:15	22:06	07:42	20:02
14	07:21	19:47	08:30	20:15	05:30	19:03	11:49	19%	21:39		04:40	18:39	11:37	21:48	06:17	19:25	12:11	22:02	07:38	19:58
15	07:22	19:45	08:36	20:14	05:32	19:02	13:07	30%	22:13		04:40	18:37	11:34	21:44	06:13	19:22	12:07	21:58	07:35	19:55
16	07:23	19:44	08:42	20:13	05:35	19:01	14:20	40%	22:55		04:41	18:35	11:31	21:41	06:10	19:18	12:04	21:55	07:31	19:51
17	07:25	19:42	08:47	20:11	05:37	19:00	15:26	51%	23:46	☾	04:41	18:33	11:28	21:37	06:07	19:14	12:00	21:51	07:27	19:47
18	07:26	19:40	08:52	20:10	05:40	18:59	16:22	62%	Doesn't set		04:41	18:31	11:25	21:34	06:03	19:11	11:56	21:47	07:24	19:43
19	07:27	19:38	08:57	20:09	05:42	18:58	17:07	71%	00:44		04:41	18:29	11:22	21:30	06:00	19:07	11:53	21:43	07:20	19:39
20	07:28	19:37	09:01	20:07	05:44	18:57	17:42	80%	01:48		04:41	18:27	11:20	21:27	05:57	19:03	11:49	21:39	07:16	19:35
21	07:29	19:35	09:05	20:05	05:47	18:56	18:10	87%	02:53		04:41	18:25	11:17	21:24	05:53	19:00	11:45	21:36	07:12	19:32
22	07:30	19:33	09:08	20:03	05:49	18:55	18:33	93%	03:58		04:41	18:23	11:14	21:20	05:50	18:56	11:41	21:32	07:09	19:28
23	07:32	19:31	09:11	20:01	05:52	18:54	18:53	95%	05:01		04:41	18:21	11:11	21:17	05:47	18:53	11:38	21:28	07:05	19:24
24	07:33	19:30	09:14	19:59	05:54	18:53	19:11	97%	06:04		04:42	18:19	11:08	21:14	05:44	18:49	11:34	21:24	07:01	19:20
25	07:34	19:28	09:15	19:56	05:57	18:52	19:29	99%	07:05	☾	04:42	18:17	11:05	21:10	05:40	18:45	11:30	21:20	06:57	19:16
26	07:35	19:26	09:17	19:54	05:59	18:51	19:46	100%	08:06		04:42	18:15	11:02	21:07	05:37	18:42	11:27	21:17	06:54	19:12
27	07:36	19:24	09:17	19:51	06:01	18:50	20:05	99%	09:08		04:42	18:13	10:59	21:03	05:33	18:38	11:23	21:13	06:50	19:08
28	07:37	19:23	09:17	19:48	06:04	18:49	20:27	95%	10:12		04:42	18:11	10:57	21:00	05:30	18:34	11:19	21:09	06:46	19:05
29	07:38	19:21	09:16	19:44	06:06	18:48	20:53	90%	11:18		04:42	18:09	10:54	20:57	05:27	18:31	11:16	21:05	06:42	19:01
30	07:39	19:19	09:15	19:41	06:09	18:47	21:26	83%	12:26		04:42	18:07	10:51	20:53	05:23	18:27	11:12	21:01	06:39	18:57
31	07:41	19:18	09:13	19:37	06:11	18:45	22:08	75%	13:33		04:42	18:05	10:48	20:50	05:20	18:23	11:08	20:58	06:35	18:53

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for April 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:42	19:16	09:10	19:33	06:13	18:44	23:01	65%	14:37		04:42	18:02	10:45	20:47	05:17	18:20	11:04	20:54	06:31	18:49
2	07:43	19:14	09:07	19:29	06:16	18:43	Already risen	54%	15:34	☾	04:42	18:00	10:42	20:43	05:13	18:16	11:01	20:50	06:27	18:45
3	07:44	19:12	09:02	19:25	06:18	18:42	00:06	43%	16:21		04:43	17:58	10:40	20:40	05:10	18:12	10:57	20:46	06:24	18:42
4	07:45	19:11	08:58	19:21	06:21	18:41	01:19	31%	16:59		04:43	17:56	10:37	20:37	05:07	18:09	10:53	20:42	06:20	18:38
5	07:46	19:09	08:52	19:16	06:23	18:40	02:38	21%	17:30		04:43	17:54	10:34	20:33	05:03	18:05	10:50	20:39	06:16	18:34
6	07:47	19:07	08:46	19:12	06:25	18:38	03:59	12%	17:56		04:43	17:52	10:31	20:30	05:00	18:01	10:46	20:35	06:12	18:30
7	06:48	18:06	07:40	18:07	05:28	17:37	04:19	5%	17:20		03:43	16:50	09:28	19:27	03:57	16:58	09:42	19:31	05:09	17:26
8	06:50	18:04	07:33	18:03	05:30	17:36	05:39	1%	17:44		03:43	16:48	09:26	19:24	03:53	16:54	09:39	19:27	05:05	17:22
9	06:51	18:02	07:25	17:58	05:32	17:35	06:59	0%	18:08	☾	03:43	16:45	09:23	19:20	03:50	16:50	09:35	19:23	05:01	17:18
10	06:52	18:01	07:18	17:53	05:35	17:34	08:20	3%	18:35		03:43	16:43	09:20	19:17	03:46	16:47	09:31	19:20	04:57	17:15
11	06:53	17:59	07:10	17:49	05:37	17:32	09:40	8%	19:07		03:43	16:41	09:17	19:14	03:43	16:43	09:28	19:16	04:54	17:11
12	06:54	17:57	07:01	17:44	05:40	17:31	10:59	15%	19:47		03:43	16:39	09:14	19:10	03:40	16:39	09:24	19:12	04:50	17:07
13	06:55	17:56	06:53	17:40	05:42	17:30	12:11	24%	20:35		03:43	16:37	09:12	19:07	03:36	16:35	09:20	19:08	04:46	17:03
14	06:56	17:54	06:45	17:35	05:44	17:29	13:13	34%	21:32		03:43	16:35	09:09	19:04	03:33	16:32	09:17	19:05	04:42	16:59
15	06:57	17:53	06:37	17:31	05:47	17:28	14:03	45%	22:36		03:43	16:32	09:06	19:00	03:29	16:28	09:13	19:01	04:39	16:55
16	06:58	17:51	06:28	17:27	05:49	17:26	14:43	55%	23:42	☾	03:43	16:30	09:03	18:57	03:26	16:24	09:09	18:57	04:35	16:51
17	07:00	17:50	06:21	17:23	05:52	17:25	15:14	65%	Doesn't set		03:44	16:28	09:01	18:54	03:23	16:21	09:06	18:53	04:31	16:48
18	07:01	17:48	06:13	17:19	05:54	17:24	15:38	74%	00:48		03:44	16:26	08:58	18:51	03:19	16:17	09:02	18:50	04:27	16:44
19	07:02	17:46	06:05	17:15	05:56	17:23	15:59	82%	01:52		03:44	16:24	08:55	18:47	03:16	16:13	08:58	18:46	04:24	16:40
20	07:03	17:45	05:58	17:11	05:59	17:22	16:18	89%	02:55		03:44	16:21	08:52	18:44	03:12	16:10	08:55	18:42	04:20	16:36
21	07:04	17:43	05:52	17:08	06:01	17:21	16:35	94%	03:56		03:44	16:19	08:49	18:41	03:09	16:06	08:51	18:38	04:16	16:32
22	07:05	17:42	05:46	17:04	06:04	17:20	16:53	98%	04:57		03:44	16:17	08:47	18:38	03:05	16:02	08:48	18:34	04:12	16:28
23	07:06	17:40	05:40	17:01	06:06	17:18	17:11	99%	05:59		03:44	16:15	08:44	18:34	03:02	15:59	08:44	18:31	04:09	16:24
24	07:07	17:39	05:34	16:58	06:08	17:17	17:32	100%	07:03	☽	03:44	16:13	08:41	18:31	02:59	15:55	08:40	18:27	04:05	16:21
25	07:08	17:38	05:29	16:55	06:11	17:16	17:57	100%	08:09		03:44	16:10	08:38	18:28	02:55	15:51	08:37	18:23	04:01	16:17
26	07:09	17:36	05:25	16:53	06:13	17:15	18:28	98%	09:17		03:44	16:08	08:36	18:25	02:52	15:47	08:33	18:19	03:57	16:13
27	07:11	17:35	05:21	16:50	06:16	17:14	19:07	93%	10:25		03:44	16:06	08:33	18:21	02:48	15:44	08:29	18:16	03:54	16:09
28	07:12	17:33	05:17	16:47	06:18	17:13	19:56	87%	11:31		03:44	16:04	08:30	18:18	02:45	15:40	08:26	18:12	03:50	16:05
29	07:13	17:32	05:14	16:45	06:21	17:12	20:57	79%	12:29		03:44	16:01	08:27	18:15	02:41	15:36	08:22	18:08	03:46	16:01
30	07:14	17:31	05:11	16:42	06:23	17:11	22:07	69%	13:19		03:44	15:59	08:25	18:12	02:38	15:33	08:18	18:04	03:42	15:57

Times are calculated for NZDT, UTC+13, until 3am on 7 Apr then NZST, UTC+12, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



# Rise and set times and Moon illumination for May 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		3:44 am	3:57 pm	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:15	17:29	05:09	16:40	06:25	17:10	23:23	58%	13:59	☾	03:44	15:55	08:22	18:08	02:34	15:29	08:15	18:01	03:38	15:54
2	07:16	17:28	05:07	16:38	06:28	17:09	Already risen	47%	14:31		03:44	15:53	08:19	18:05	02:31	15:25	08:11	17:57	03:35	15:50
3	07:17	17:27	05:06	16:36	06:30	17:08	00:40	35%	14:58		03:44	15:50	08:16	18:02	02:27	15:21	08:07	17:53	03:31	15:46
4	07:18	17:25	05:04	16:34	06:33	17:07	01:57	24%	15:22		03:44	15:48	08:14	17:59	02:24	15:18	08:04	17:49	03:27	15:42
5	07:19	17:24	05:03	16:32	06:35	17:06	03:15	14%	15:45		03:44	15:46	08:11	17:56	02:20	15:14	08:00	17:45	03:23	15:38
6	07:20	17:23	05:03	16:30	06:38	17:06	04:32	7%	16:07		03:44	15:44	08:08	17:52	02:17	15:10	07:57	17:42	03:19	15:34
7	07:21	17:22	05:03	16:29	06:40	17:05	05:51	2%	16:33		03:44	15:41	08:06	17:49	02:13	15:06	07:53	17:38	03:16	15:30
8	07:22	17:21	05:03	16:27	06:43	17:04	07:11	0%	17:02	☽	03:44	15:39	08:03	17:46	02:10	15:03	07:49	17:34	03:12	15:26
9	07:24	17:19	05:03	16:25	06:45	17:03	08:31	1%	17:38		03:44	15:37	08:00	17:43	02:06	14:59	07:46	17:30	03:08	15:23
10	07:25	17:18	05:04	16:24	06:48	17:02	09:48	5%	18:23		03:44	15:35	07:57	17:39	02:03	14:55	07:42	17:27	03:04	15:19
11	07:26	17:17	05:05	16:23	06:50	17:02	10:57	11%	19:17		03:44	15:32	07:55	17:36	01:59	14:52	07:38	17:23	03:01	15:15
12	07:27	17:16	05:06	16:21	06:53	17:01	11:54	19%	20:20		03:44	15:30	07:52	17:33	01:56	14:48	07:35	17:19	02:57	15:11
13	07:28	17:15	05:08	16:20	06:55	17:00	12:39	28%	21:27		03:44	15:28	07:49	17:30	01:52	14:44	07:31	17:15	02:53	15:07
14	07:29	17:14	05:10	16:19	06:58	17:00	13:14	38%	22:34		03:44	15:26	07:46	17:27	01:49	14:40	07:27	17:12	02:49	15:03
15	07:30	17:13	05:12	16:18	07:00	16:59	13:41	48%	23:40	☾	03:44	15:23	07:44	17:23	01:45	14:37	07:24	17:08	02:45	14:59
16	07:31	17:12	05:14	16:17	07:02	16:59	14:03	58%	Doesn't set		03:44	15:21	07:41	17:20	01:41	14:33	07:20	17:04	02:42	14:56
17	07:32	17:11	05:17	16:16	07:05	16:58	14:23	67%	00:44		03:44	15:19	07:38	17:17	01:38	14:29	07:17	17:00	02:38	14:52
18	07:33	17:10	05:20	16:15	07:07	16:58	14:41	76%	01:46		03:44	15:17	07:36	17:14	01:34	14:25	07:13	16:57	02:34	14:48
19	07:34	17:09	05:23	16:14	07:10	16:58	14:58	84%	02:47		03:44	15:14	07:33	17:11	01:31	14:21	07:09	16:53	02:30	14:44
20	07:35	17:09	05:26	16:13	07:12	16:57	15:16	90%	03:48		03:44	15:12	07:30	17:07	01:27	14:18	07:06	16:49	02:26	14:40
21	07:36	17:08	05:30	16:13	07:15	16:57	15:36	95%	04:51		03:44	15:10	07:27	17:04	01:23	14:14	07:02	16:45	02:22	14:36
22	07:37	17:07	05:33	16:12	07:17	16:57	16:00	99%	05:56		03:43	15:08	07:25	17:01	01:20	14:10	06:58	16:42	02:19	14:32
23	07:38	17:06	05:37	16:12	07:20	16:56	16:29	99%	07:04		03:43	15:06	07:22	16:58	01:16	14:06	06:55	16:38	02:15	14:28
24	07:38	17:05	05:41	16:12	07:22	16:56	17:05	100%	08:14	☽	03:43	15:03	07:19	16:55	01:12	14:03	06:51	16:34	02:11	14:24
25	07:39	17:05	05:46	16:12	07:24	16:56	17:52	99%	09:21		03:43	15:01	07:16	16:52	01:09	13:59	06:48	16:30	02:07	14:21
26	07:40	17:04	05:51	16:12	07:27	16:56	18:50	95%	10:24		03:43	14:59	07:14	16:48	01:05	13:55	06:44	16:27	02:03	14:17
27	07:41	17:03	05:55	16:12	07:29	16:56	19:58	90%	11:16		03:43	14:57	07:11	16:45	01:02	13:51	06:40	16:23	01:59	14:13
28	07:42	17:03	06:01	16:12	07:32	16:56	21:13	82%	11:59		03:43	14:55	07:08	16:42	00:58	13:47	06:37	16:19	01:56	14:09
29	07:43	17:02	06:06	16:12	07:34	16:56	22:30	72%	12:34		03:43	14:52	07:05	16:39	00:54	13:44	06:33	16:15	01:52	14:05
30	07:44	17:02	06:11	16:13	07:36	16:56	23:46	61%	13:02		03:43	14:50	07:03	16:36	00:51	13:40	06:29	16:11	01:48	14:01
31	07:44	17:01	06:17	16:14	07:39	16:57	Already risen	49%	13:26	☽			07:00	16:32	00:47	13:36	06:26	16:08	01:44	13:57

Times are calculated for NZST, UTC+12, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for June 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:45	17:01	06:23	16:15	07:41	16:57	01:01	38%	13:48		03:43	14:48	06:57	16:29	00:43	13:32	06:22	16:04	01:40	13:53
2	07:46	17:00	06:29	16:16	07:43	16:57	02:16	26%	14:10		03:43	14:46	06:54	16:26	00:39	13:28	06:18	16:00	01:36	13:50
3	07:47	17:00	06:36	16:17	07:45	16:58	03:31	17%	14:34		03:43	14:44	06:52	16:23	00:36	13:25	06:15	15:56	01:33	13:46
4	07:47	17:00	06:42	16:19	07:47	16:58	04:49	9%	15:00		03:43	14:42	06:49	16:20	00:32	13:21	06:11	15:53	01:29	13:42
5	07:48	16:59	06:49	16:21	07:50	16:59	06:07	3%	15:33		03:43	14:39	06:46	16:17	00:28	13:17	06:07	15:49	01:25	13:38
6	07:49	16:59	06:56	16:23	07:52	16:59	07:25	1%	16:13		03:42	14:37	06:43	16:13	00:25	13:13	06:04	15:45	01:21	13:34
7	07:49	16:59	07:03	16:25	07:54	17:00	08:38	1%	17:03	☾	03:42	14:35	06:41	16:10	00:21	13:09	06:00	15:41	01:17	13:30
8	07:50	16:59	07:10	16:28	07:56	17:00	09:40	3%	18:03		03:42	14:33	06:38	16:07	00:17	13:05	05:56	15:38	01:13	13:26
9	07:51	16:58	07:17	16:31	07:58	17:01	10:31	8%	19:09		03:42	14:31	06:35	16:04	00:13	13:02	05:53	15:34	01:09	13:22
10	07:51	16:58	07:25	16:34	08:00	17:02	11:10	15%	20:18		03:42	14:29	06:32	16:01	00:10	12:58	05:49	15:30	01:06	13:18
11	07:52	16:58	07:32	16:38	08:02	17:03	11:41	23%	21:25		03:42	14:27	06:29	15:58	00:06	12:54	05:46	15:26	01:02	13:14
12	07:52	16:58	07:39	16:41	08:04	17:04	12:06	31%	22:31		03:42	14:24	06:27	15:54	00:02	12:50	05:42	15:23	00:58	13:11
13	07:53	16:58	07:46	16:45	08:06	17:05	12:26	41%	23:34		03:42	14:22	06:24	15:51	23:54	12:46	05:38	15:19	00:54	13:07
14	07:53	16:58	07:53	16:50	08:07	17:06	12:45	51%	Doesn't set	☾	03:42	14:20	06:21	15:48	23:51	12:42	05:35	15:15	00:50	13:03
15	07:54	16:58	08:00	16:54	08:09	17:07	13:02	60%	00:35		03:41	14:18	06:18	15:45	23:47	12:39	05:31	15:11	00:46	12:59
16	07:54	16:58	08:07	16:59	08:11	17:08	13:20	70%	01:36		03:41	14:16	06:15	15:42	23:43	12:35	05:27	15:07	00:42	12:55
17	07:54	16:58	08:14	17:04	08:13	17:09	13:39	78%	02:38		03:41	14:14	06:13	15:39	23:39	12:31	05:23	15:04	00:38	12:51
18	07:55	16:58	08:20	17:09	08:14	17:10	14:01	86%	03:42		03:41	14:12	06:10	15:35	23:35	12:27	05:20	15:00	00:34	12:47
19	07:55	16:58	08:26	17:14	08:16	17:12	14:28	92%	04:48		03:41	14:10	06:07	15:32	23:31	12:23	05:16	14:56	00:31	12:43
20	07:55	16:59	08:32	17:20	08:17	17:13	15:01	97%	05:57		03:41	14:08	06:04	15:29	23:28	12:19	05:12	14:52	00:27	12:39
21	07:55	16:59	08:37	17:25	08:19	17:15	15:44	100%	07:07		03:41	14:06	06:01	15:26	23:24	12:15	05:09	14:49	00:23	12:35
22	07:56	16:59	08:42	17:31	08:20	17:16	16:39	100%	08:12	☽	03:40	14:04	05:59	15:23	23:20	12:11	05:05	14:45	00:19	12:31
23	07:56	16:59	08:47	17:37	08:21	17:18	17:46	100%	09:10		03:40	14:02	05:56	15:20	23:16	12:08	05:01	14:41	00:15	12:28
24	07:56	17:00	08:51	17:42	08:23	17:19	19:00	97%	09:57		03:40	14:00	05:53	15:16	23:12	12:04	04:58	14:37	00:11	12:24
25	07:56	17:00	08:55	17:48	08:24	17:21	20:18	92%	10:35		03:40	13:58	05:50	15:13	23:08	12:00	04:54	14:33	00:07	12:20
26	07:56	17:00	08:58	17:54	08:25	17:23	21:36	84%	11:05		03:40	13:56	05:47	15:10	23:04	11:56	04:50	14:30	00:03	12:16
27	07:56	17:01	09:02	18:00	08:26	17:25	22:52	75%	11:31		03:40	13:54	05:44	15:07	23:00	11:52	04:47	14:26	23:55	12:12
28	07:56	17:01	09:05	18:05	08:27	17:26	Already risen	64%	11:53		03:39	13:52	05:42	15:04	22:56	11:48	04:43	14:22	23:52	12:08
29	07:56	17:02	09:07	18:11	08:28	17:28	00:06	52%	12:15	☽	03:39	13:50	05:39	15:01	22:53	11:44	04:39	14:18	23:48	12:04
30	07:56	17:02	09:10	18:16	08:29	17:30	01:21	40%	12:38		03:39	13:48	05:36	14:57	22:49	11:40	04:36	14:14	23:44	12:00

Times are calculated for NZST, UTC+12, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for July 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:56	17:03	09:12	18:22	08:30	17:32	02:36	29%	13:02		03:39	13:46	05:33	14:54	22:45	11:36	04:32	14:11	23:40	11:56
2	07:56	17:03	09:13	18:27	08:31	17:34	03:52	19%	13:32		03:39	13:44	05:30	14:51	22:41	11:32	04:28	14:07	23:36	11:52
3	07:56	17:04	09:15	18:32	08:31	17:36	05:09	11%	14:08		03:38	13:42	05:27	14:48	22:37	11:29	04:25	14:03	23:32	11:48
4	07:55	17:04	09:16	18:38	08:32	17:38	06:22	5%	14:54		03:38	13:40	05:24	14:45	22:33	11:25	04:21	13:59	23:28	11:44
5	07:55	17:05	09:17	18:42	08:33	17:40	07:28	1%	15:49		03:38	13:38	05:21	14:42	22:29	11:21	04:17	13:56	23:24	11:40
6	07:55	17:05	09:17	18:47	08:33	17:42	08:23	0%	16:53	☾	03:38	13:36	05:19	14:38	22:25	11:17	04:13	13:52	23:20	11:37
7	07:55	17:06	09:18	18:52	08:34	17:45	09:06	2%	18:01		03:37	13:34	05:16	14:35	22:21	11:13	04:10	13:48	23:16	11:33
8	07:54	17:07	09:18	18:56	08:34	17:47	09:40	5%	19:10		03:37	13:32	05:13	14:32	22:17	11:09	04:06	13:44	23:12	11:29
9	07:54	17:07	09:18	19:00	08:34	17:49	10:07	10%	20:17		03:37	13:30	05:10	14:29	22:13	11:05	04:02	13:40	23:08	11:25
10	07:53	17:08	09:17	19:05	08:35	17:51	10:29	17%	21:21		03:37	13:28	05:07	14:26	22:09	11:01	03:59	13:37	23:04	11:21
11	07:53	17:09	09:17	19:08	08:35	17:54	10:49	25%	22:23		03:36	13:27	05:04	14:22	22:05	10:57	03:55	13:33	23:00	11:17
12	07:52	17:10	09:16	19:12	08:35	17:56	11:06	34%	23:24		03:36	13:25	05:01	14:19	22:01	10:53	03:51	13:29	22:56	11:13
13	07:52	17:10	09:15	19:16	08:35	17:58	11:24	43%	Doesn't set		03:36	13:23	04:58	14:16	21:57	10:49	03:47	13:25	22:52	11:09
14	07:51	17:11	09:14	19:19	08:35	18:01	11:42	53%	00:25	☽	03:35	13:21	04:55	14:13	21:53	10:45	03:44	13:21	22:48	11:05
15	07:51	17:12	09:13	19:22	08:35	18:03	12:02	63%	01:27		03:35	13:19	04:52	14:10	21:48	10:41	03:40	13:17	22:44	11:01
16	07:50	17:13	09:12	19:25	08:35	18:05	12:26	72%	02:32		03:35	13:17	04:49	14:06	21:44	10:37	03:36	13:14	22:40	10:57
17	07:50	17:14	09:10	19:28	08:35	18:08	12:56	81%	03:39		03:34	13:15	04:46	14:03	21:40	10:33	03:32	13:10	22:37	10:53
18	07:49	17:15	09:08	19:30	08:35	18:10	13:35	89%	04:48		03:34	13:14	04:43	14:00	21:36	10:29	03:29	13:06	22:33	10:49
19	07:48	17:15	09:07	19:33	08:35	18:12	14:24	95%	05:56		03:34	13:12	04:40	13:57	21:32	10:25	03:25	13:02	22:29	10:45
20	07:47	17:16	09:04	19:35	08:35	18:15	15:27	99%	06:57		03:33	13:10	04:37	13:54	21:28	10:21	03:21	12:58	22:25	10:41
21	07:47	17:17	09:02	19:36	08:34	18:17	16:40	100%	07:50	☽	03:33	13:08	04:34	13:50	21:24	10:17	03:17	12:55	22:21	10:37
22	07:46	17:18	09:00	19:38	08:34	18:20	17:59	100%	08:32		03:32	13:07	04:31	13:47	21:20	10:13	03:14	12:51	22:17	10:33
23	07:45	17:19	08:57	19:39	08:34	18:22	19:19	98%	09:05		03:32	13:05	04:28	13:44	21:16	10:09	03:10	12:47	22:13	10:29
24	07:44	17:20	08:55	19:40	08:33	18:25	20:38	94%	09:33		03:32	13:03	04:25	13:41	21:11	10:05	03:06	12:43	22:09	10:26
25	07:43	17:21	08:52	19:41	08:33	18:27	21:55	86%	09:57		03:31	13:01	04:22	13:38	21:07	10:01	03:02	12:39	22:05	10:22
26	07:42	17:22	08:49	19:41	08:32	18:30	23:11	77%	10:19		03:31	13:00	04:19	13:34	21:03	09:57	02:59	12:35	22:01	10:18
27	07:41	17:23	08:46	19:41	08:32	18:32	Already risen	66%	10:42		03:30	12:58	04:16	13:31	20:59	09:53	02:55	12:32	21:57	10:14
28	07:40	17:24	08:42	19:41	08:31	18:35	00:27	54%	11:06	☽	03:30	12:56	04:13	13:28	20:55	09:49	02:51	12:28	21:53	10:10
29	07:39	17:25	08:39	19:40	08:30	18:37	01:43	43%	11:34		03:29	12:55	04:10	13:25	20:51	09:45	02:47	12:24	21:49	10:06
30	07:38	17:26	08:35	19:39	08:30	18:40	02:59	32%	12:07		03:29	12:53	04:07	13:21	20:47	09:41	02:43	12:20	21:45	10:02
31	07:37	17:27	08:31	19:38	08:29	18:42	04:12	22%	12:49		03:28	12:51	04:04	13:18	20:42	09:37	02:40	12:16	21:41	09:58

Times are calculated for NZST, UTC+12, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for August 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	07:36	17:28	08:27	19:36	08:28	18:45	05:20	13%	13:41		03:28	12:50	04:01	13:15	20:38	09:33	02:36	12:12	21:37	09:54
2	07:35	17:29	08:23	19:34	08:27	18:47	06:18	7%	14:41		03:27	12:48	03:58	13:11	20:34	09:29	02:32	12:08	21:33	09:50
3	07:34	17:30	08:19	19:32	08:26	18:50	07:04	3%	15:48		03:27	12:47	03:55	13:08	20:30	09:25	02:28	12:05	21:29	09:46
4	07:33	17:31	08:14	19:29	08:26	18:52	07:41	0%	16:56	☾	03:26	12:45	03:52	13:05	20:26	09:21	02:24	12:01	21:25	09:42
5	07:31	17:32	08:09	19:25	08:25	18:55	08:09	0%	18:04		03:25	12:43	03:49	13:02	20:21	09:17	02:21	11:57	21:21	09:38
6	07:30	17:33	08:05	19:22	08:24	18:57	08:33	3%	19:09		03:25	12:42	03:46	12:58	20:17	09:13	02:17	11:53	21:16	09:34
7	07:29	17:34	08:00	19:17	08:23	18:59	08:53	7%	20:12		03:24	12:40	03:43	12:55	20:13	09:09	02:13	11:49	21:12	09:30
8	07:28	17:35	07:54	19:12	08:22	19:02	09:11	12%	21:13		03:23	12:39	03:39	12:52	20:09	09:05	02:09	11:45	21:08	09:26
9	07:26	17:36	07:49	19:07	08:21	19:04	09:28	19%	22:14		03:23	12:37	03:36	12:49	20:04	09:01	02:05	11:41	21:04	09:22
10	07:25	17:37	07:44	19:02	08:20	19:07	09:46	27%	23:15		03:22	12:35	03:33	12:45	20:00	08:57	02:01	11:38	21:00	09:18
11	07:24	17:38	07:38	18:55	08:19	19:09	10:05	36%	Doesn't set		03:21	12:34	03:30	12:42	19:56	08:53	01:58	11:34	20:56	09:14
12	07:22	17:39	07:32	18:49	08:17	19:12	10:27	46%	00:19		03:21	12:32	03:27	12:39	19:52	08:49	01:54	11:30	20:52	09:10
13	07:21	17:40	07:27	18:42	08:16	19:14	10:54	56%	01:24	☾	03:20	12:31	03:24	12:35	19:47	08:45	01:50	11:26	20:48	09:06
14	07:19	17:41	07:21	18:34	08:15	19:17	11:27	66%	02:31		03:19	12:29	03:20	12:32	19:43	08:41	01:46	11:22	20:44	09:02
15	07:18	17:42	07:15	18:26	08:14	19:19	12:11	76%	03:38		03:18	12:28	03:17	12:29	19:39	08:37	01:42	11:18	20:40	08:58
16	07:17	17:43	07:09	18:18	08:13	19:21	13:06	85%	04:42		03:18	12:26	03:14	12:25	19:35	08:33	01:38	11:14	20:36	08:54
17	07:15	17:44	07:04	18:10	08:12	19:24	14:14	92%	05:38		03:17	12:25	03:11	12:22	19:30	08:29	01:34	11:10	20:32	08:50
18	07:14	17:45	06:58	18:02	08:10	19:26	15:31	98%	06:24		03:16	12:23	03:07	12:18	19:26	08:24	01:31	11:06	20:28	08:46
19	07:12	17:46	06:52	17:53	08:09	19:29	16:52	99%	07:02		03:15	12:22	03:04	12:15	19:22	08:20	01:27	11:03	20:24	08:42
20	07:11	17:47	06:47	17:45	08:08	19:31	18:14	100%	07:32	☽	03:14	12:20	03:01	12:12	19:17	08:16	01:23	10:59	20:20	08:38
21	07:09	17:48	06:42	17:36	08:07	19:34	19:34	99%	07:58		03:13	12:19	02:58	12:08	19:13	08:12	01:19	10:55	20:16	08:34
22	07:08	17:49	06:37	17:28	08:05	19:36	20:53	95%	08:22		03:12	12:17	02:55	12:05	19:09	08:08	01:15	10:51	20:12	08:30
23	07:06	17:50	06:32	17:20	08:04	19:38	22:11	88%	08:45		03:12	12:16	02:51	12:02	19:05	08:04	01:11	10:47	20:08	08:27
24	07:05	17:51	06:28	17:13	08:03	19:41	23:30	79%	09:09		03:11	12:14	02:48	11:58	19:00	08:00	01:07	10:43	20:04	08:23
25	07:03	17:52	06:24	17:05	08:01	19:43	Already risen	69%	09:36		03:10	12:13	02:45	11:55	18:56	07:56	01:03	10:39	20:00	08:19
26	07:01	17:53	06:20	16:59	08:00	19:46	00:48	57%	10:08	☽	03:09	12:12	02:41	11:51	18:52	07:52	01:00	10:35	19:56	08:15
27	07:00	17:54	06:17	16:53	07:59	19:48	02:04	46%	10:47		03:08	12:10	02:38	11:48	18:47	07:48	00:56	10:31	19:52	08:11
28	06:58	17:56	06:14	16:47	07:57	19:50	03:14	35%	11:36		03:07	12:09	02:35	11:45	18:43	07:44	00:52	10:27	19:48	08:07
29	06:56	17:57	06:11	16:43	07:56	19:53	04:15	25%	12:34		03:06	12:07	02:31	11:41	18:39	07:40	00:48	10:24	19:44	08:03
30	06:55	17:58	06:09	16:38	07:55	19:55	05:04	16%	13:38		03:05	12:06	02:28	11:38	18:34	07:35	00:44	10:20	19:40	07:59
31	06:53	17:59	06:07	16:35	07:53	19:57	05:43	9%	14:46		03:03	12:05	02:25	11:34	18:30	07:31	00:40	10:16	19:35	07:55

Times are calculated for NZST, UTC+12, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)





## Rise and set times and Moon illumination for September 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	06:52	18:00	06:05	16:32	07:52	20:00	06:13	4%	15:53		03:02	12:03	02:21	11:31	18:26	07:27	00:36	10:12	19:31	07:51
2	06:50	18:01	06:04	16:30	07:50	20:02	06:38	1%	16:59		03:01	12:02	02:18	11:27	18:21	07:23	00:32	10:08	19:27	07:47
3	06:48	18:02	06:03	16:29	07:49	20:05	06:59	0%	18:02	☾	03:00	12:00	02:14	11:24	18:17	07:19	00:28	10:04	19:23	07:43
4	06:46	18:03	06:03	16:29	07:48	20:07	07:17	1%	19:04		02:59	11:59	02:11	11:20	18:13	07:15	00:24	10:00	19:19	07:39
5	06:45	18:04	06:02	16:29	07:46	20:09	07:34	4%	20:05		02:58	11:58	02:07	11:17	18:08	07:11	00:20	09:56	19:15	07:35
6	06:43	18:05	06:02	16:30	07:45	20:12	07:51	8%	21:06		02:56	11:56	02:04	11:13	18:04	07:07	00:16	09:52	19:11	07:31
7	06:41	18:06	06:02	16:31	07:43	20:14	08:10	14%	22:09		02:55	11:55	02:01	11:10	18:00	07:03	00:12	09:48	19:07	07:27
8	06:40	18:07	06:02	16:34	07:42	20:17	08:30	21%	23:13		02:54	11:53	01:57	11:06	17:55	06:59	00:08	09:44	19:03	07:23
9	06:38	18:08	06:03	16:36	07:41	20:19	08:55	30%	Doesn't set		02:53	11:52	01:54	11:02	17:51	06:55	00:04	09:40	18:59	07:19
10	06:36	18:09	06:03	16:40	07:39	20:21	09:25	40%	00:18		02:51	11:51	01:50	10:59	17:47	06:50	00:01	09:36	18:55	07:15
11	06:34	18:10	06:04	16:43	07:38	20:24	10:03	50%	01:25	☾	02:50	11:49	01:47	10:55	17:42	06:46	23:53	09:32	18:51	07:11
12	06:33	18:11	06:04	16:47	07:37	20:26	10:52	61%	02:28		02:49	11:48	01:43	10:52	17:38	06:42	23:49	09:28	18:47	07:07
13	06:31	18:12	06:05	16:52	07:35	20:29	11:53	71%	03:26		02:47	11:46	01:40	10:48	17:34	06:38	23:45	09:24	18:43	07:03
14	06:29	18:13	06:05	16:56	07:34	20:31	13:04	81%	04:16		02:46	11:45	01:36	10:45	17:29	06:34	23:41	09:20	18:38	06:59
15	06:27	18:14	06:06	17:01	07:33	20:34	14:22	90%	04:56		02:44	11:44	01:32	10:41	17:25	06:30	23:37	09:16	18:34	06:55
16	06:26	18:15	06:06	17:06	07:31	20:36	15:43	96%	05:29		02:43	11:42	01:29	10:37	17:21	06:26	23:33	09:12	18:30	06:51
17	06:24	18:16	06:07	17:12	07:30	20:38	17:04	99%	05:57		02:41	11:41	01:25	10:34	17:16	06:22	23:29	09:09	18:26	06:47
18	06:22	18:17	06:07	17:17	07:29	20:41	18:25	99%	06:21	☾	02:40	11:39	01:22	10:30	17:12	06:18	23:25	09:05	18:22	06:43
19	06:20	18:18	06:07	17:23	07:27	20:43	19:46	100%	06:45		02:38	11:38	01:18	10:26	17:08	06:13	23:21	09:01	18:18	06:39
20	06:18	18:20	06:08	17:28	07:26	20:46	21:07	97%	07:09		02:37	11:37	01:14	10:23	17:04	06:09	23:17	08:57	18:14	06:35
21	06:17	18:21	06:08	17:34	07:25	20:48	22:28	91%	07:35		02:35	11:35	01:11	10:19	16:59	06:05	23:13	08:53	18:10	06:31
22	06:15	18:22	06:08	17:40	07:24	20:51	23:49	83%	08:06		02:34	11:34	01:07	10:15	16:55	06:01	23:09	08:49	18:06	06:27
23	06:13	18:23	06:08	17:45	07:22	20:53	Already risen	72%	08:44		02:32	11:32	01:03	10:12	16:51	05:57	23:05	08:45	18:02	06:23
24	06:11	18:24	06:08	17:51	07:21	20:56	01:04	61%	09:30		02:30	11:31	01:00	10:08	16:46	05:53	23:01	08:41	17:58	06:19
25	06:10	18:25	06:08	17:57	07:20	20:58	02:09	50%	10:26	☾	02:29	11:29	00:56	10:04	16:42	05:49	22:57	08:37	17:54	06:15
26	06:08	18:26	06:08	18:02	07:19	21:01	03:03	39%	11:30		02:27	11:28	00:52	10:00	16:38	05:45	22:53	08:33	17:50	06:11
27	06:06	18:27	06:08	18:08	07:18	21:03	03:45	29%	12:37		02:25	11:27	00:49	09:57	16:33	05:41	22:49	08:29	17:46	06:07
28	06:04	18:28	06:08	18:13	07:17	21:06	04:17	21%	13:45		02:24	11:25	00:45	09:53	16:29	05:37	22:44	08:25	17:41	06:03
29	07:03	19:29	07:07	19:19	08:16	22:08	05:43	13%	15:51		03:22	12:24	00:41	10:49	17:25	06:33	23:40	09:21	18:37	06:59
30	07:01	19:30	07:07	19:24	08:15	22:11	06:05	7%	16:55		03:20	12:22	01:37	10:45	17:21	06:28	23:36	09:17	18:33	06:55

Times are calculated for NZST, UTC+12, until 2am on 29 Sep then NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for October 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	06:59	19:31	07:07	19:29	08:14	22:13	06:24	3%	17:57		03:18	12:21	01:33	10:42	17:16	06:24	23:32	09:13	18:29	06:51
2	06:57	19:33	07:06	19:35	08:13	22:16	06:41	1%	18:58		03:17	12:19	01:30	10:38	17:12	06:20	23:28	09:09	18:25	06:47
3	06:56	19:34	07:06	19:40	08:12	22:18	06:58	0%	19:59	☾	03:15	12:18	01:26	10:34	17:08	06:16	23:24	09:05	18:21	06:43
4	06:54	19:35	07:05	19:45	08:11	22:21	07:16	1%	21:01		03:13	12:16	01:22	10:30	17:04	06:12	23:20	09:01	18:17	06:39
5	06:52	19:36	07:05	19:50	08:10	22:23	07:36	5%	22:04		03:11	12:15	01:18	10:26	16:59	06:08	23:16	08:57	18:13	06:35
6	06:50	19:37	07:04	19:55	08:09	22:26	07:59	10%	23:09		03:09	12:13	01:14	10:22	16:55	06:04	23:12	08:53	18:09	06:31
7	06:49	19:38	07:04	20:00	08:08	22:29	08:26	16%	Doesn't set		03:07	12:11	01:10	10:18	16:51	06:00	23:08	08:49	18:05	06:27
8	06:47	19:39	07:03	20:05	08:07	22:31	09:01	25%	00:15		03:05	12:10	01:06	10:14	16:47	05:56	23:04	08:45	18:01	06:23
9	06:45	19:41	07:03	20:10	08:07	22:34	09:45	34%	01:19		03:03	12:08	01:03	10:10	16:42	05:52	23:00	08:41	17:57	06:19
10	06:44	19:42	07:02	20:15	08:06	22:36	10:40	44%	02:18		03:01	12:07	00:59	10:07	16:38	05:48	22:56	08:37	17:53	06:15
11	06:42	19:43	07:01	20:20	08:05	22:39	11:46	55%	03:10	☾	02:59	12:05	00:55	10:03	16:34	05:44	22:52	08:33	17:49	06:11
12	06:40	19:44	07:01	20:24	08:05	22:41	12:59	66%	03:52		02:57	12:03	00:51	09:59	16:30	05:40	22:48	08:29	17:45	06:07
13	06:39	19:45	07:00	20:29	08:04	22:44	14:16	77%	04:27		02:55	12:02	00:47	09:55	16:25	05:36	22:43	08:25	17:40	06:03
14	06:37	19:46	07:00	20:34	08:04	22:46	15:34	86%	04:56		02:53	12:00	00:43	09:51	16:21	05:31	22:39	08:20	17:36	05:59
15	06:35	19:48	06:59	20:38	08:03	22:49	16:54	94%	05:21		02:51	11:58	00:39	09:47	16:17	05:27	22:35	08:16	17:32	05:55
16	06:34	19:49	06:58	20:43	08:03	22:51	18:13	96%	05:44		02:49	11:57	00:35	09:43	16:13	05:23	22:31	08:12	17:28	05:51
17	06:32	19:50	06:58	20:47	08:02	22:54	19:35	98%	06:07		02:46	11:55	00:31	09:39	16:09	05:19	22:27	08:08	17:24	05:47
18	06:31	19:51	06:57	20:52	08:02	22:56	20:58	100%	06:32	☽	02:44	11:53	00:27	09:35	16:05	05:15	22:23	08:04	17:20	05:43
19	06:29	19:52	06:57	20:56	08:02	22:59	22:21	98%	07:01		02:42	11:51	00:23	09:31	16:00	05:11	22:19	08:00	17:16	05:39
20	06:27	19:53	06:56	21:01	08:01	23:01	23:42	93%	07:36		02:40	11:49	00:19	09:27	15:56	05:07	22:15	07:56	17:12	05:35
21	06:26	19:55	06:56	21:05	08:01	23:04	Already risen	86%	08:20		02:37	11:48	00:14	09:22	15:52	05:03	22:11	07:52	17:08	05:31
22	06:24	19:56	06:55	21:10	08:01	23:06	00:55	77%	09:14		02:35	11:46	00:10	09:18	15:48	04:59	22:07	07:48	17:04	05:27
23	06:23	19:57	06:55	21:14	08:01	23:08	01:55	67%	10:18		02:33	11:44	00:06	09:14	15:44	04:55	22:02	07:44	17:00	05:23
24	06:21	19:58	06:55	21:18	08:01	23:11	02:43	56%	11:26	☾	02:30	11:42	00:02	09:10	15:40	04:51	21:58	07:40	16:56	05:19
25	06:20	20:00	06:54	21:22	08:01	23:13	03:19	45%	12:35		02:28	11:40	23:54	09:06	15:36	04:47	21:54	07:36	16:52	05:15
26	06:18	20:01	06:54	21:26	08:01	23:15	03:48	35%	13:42		02:26	11:38	23:50	09:02	15:31	04:43	21:50	07:32	16:48	05:11
27	06:17	20:02	06:54	21:31	08:01	23:18	04:11	26%	14:47		02:23	11:36	23:45	08:58	15:27	04:39	21:46	07:28	16:44	05:07
28	06:15	20:03	06:54	21:35	08:02	23:20	04:30	18%	15:49		02:21	11:34	23:41	08:54	15:23	04:35	21:42	07:24	16:40	05:03
29	06:14	20:05	06:53	21:39	08:02	23:22	04:48	11%	16:50		02:18	11:32	23:37	08:49	15:19	04:31	21:38	07:20	16:36	04:59
30	06:13	20:06	06:53	21:43	08:02	23:24	05:05	6%	17:51		02:16	11:30	23:33	08:45	15:15	04:27	21:34	07:16	16:32	04:55
31	06:11	20:07	06:53	21:46	08:03	23:26	05:22	2%	18:52		02:13	11:28	23:28	08:41	15:11	04:23	21:29	07:12	16:28	04:51

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for November 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	06:10	20:08	06:53	21:50	08:03	23:28	05:42	0%	19:56		02:11	11:25	23:24	08:37	15:07	04:19	21:25	07:08	16:24	04:47
2	06:09	20:10	06:53	21:54	08:04	23:31	06:03	0%	21:01	☾	02:08	11:23	23:20	08:32	15:03	04:15	21:21	07:04	16:20	04:43
3	06:07	20:11	06:53	21:57	08:04	23:33	06:30	2%	22:07		02:06	11:21	23:16	08:28	14:59	04:11	21:17	07:00	16:16	04:39
4	06:06	20:12	06:53	22:01	08:05	23:34	07:02	6%	23:12		02:03	11:19	23:11	08:24	14:55	04:07	21:13	06:56	16:11	04:35
5	06:05	20:13	06:54	22:04	08:06	23:36	07:44	12%	Doesn't set		02:00	11:16	23:07	08:20	14:51	04:03	21:09	06:52	16:07	04:31
6	06:04	20:15	06:54	22:08	08:06	23:38	08:35	20%	00:13		01:58	11:14	23:03	08:15	14:47	03:59	21:05	06:47	16:03	04:28
7	06:03	20:16	06:54	22:11	08:07	23:40	09:37	29%	01:06		01:55	11:12	22:58	08:11	14:43	03:55	21:00	06:43	15:59	04:24
8	06:01	20:17	06:54	22:14	08:08	23:42	10:46	39%	01:51		01:52	11:09	22:54	08:07	14:39	03:51	20:56	06:39	15:55	04:20
9	06:00	20:19	06:55	22:17	08:09	23:43	12:00	50%	02:27	☾	01:50	11:07	22:50	08:03	14:35	03:47	20:52	06:35	15:51	04:16
10	05:59	20:20	06:55	22:19	08:10	23:45	13:15	62%	02:57		01:47	11:04	22:45	07:58	14:31	03:43	20:48	06:31	15:47	04:12
11	05:58	20:21	06:55	22:22	08:11	23:47	14:31	73%	03:22		01:44	11:02	22:41	07:54	14:27	03:39	20:44	06:27	15:43	04:08
12	05:57	20:22	06:56	22:24	08:12	23:48	15:47	83%	03:45		01:41	10:59	22:36	07:50	14:23	03:35	20:40	06:23	15:39	04:04
13	05:56	20:24	06:56	22:26	08:14	23:49	17:05	91%	04:07		01:38	10:57	22:32	07:45	14:19	03:31	20:36	06:19	15:35	04:00
14	05:55	20:25	06:57	22:27	08:15	23:51	18:25	97%	04:30		01:35	10:54	22:27	07:41	14:15	03:27	20:31	06:15	15:31	03:56
15	05:54	20:26	06:57	22:29	08:16	23:52	19:48	98%	04:57		01:32	10:51	22:23	07:37	14:11	03:23	20:27	06:11	15:27	03:52
16	05:53	20:28	06:57	22:30	08:18	23:53	21:11	100%	05:28	☽	01:29	10:48	22:19	07:32	14:07	03:19	20:23	06:07	15:23	03:48
17	05:52	20:29	06:57	22:31	08:19	23:54	22:30	99%	06:08		01:26	10:46	22:14	07:28	14:03	03:15	20:19	06:03	15:19	03:44
18	05:51	20:30	06:57	22:31	08:21	23:56	23:39	96%	06:58		01:23	10:43	22:10	07:23	13:59	03:11	20:15	05:59	15:15	03:40
19	05:51	20:31	06:57	22:31	08:22	23:57	Already risen	90%	07:59		01:20	10:40	22:05	07:19	13:55	03:07	20:11	05:55	15:11	03:36
20	05:50	20:33	06:57	22:30	08:24	23:57	00:34	82%	09:08		01:17	10:37	22:01	07:15	13:52	03:03	20:07	05:51	15:07	03:32
21	05:49	20:34	06:56	22:29	08:26	23:58	01:16	73%	10:19		01:14	10:34	21:56	07:10	13:48	03:00	20:02	05:47	15:04	03:28
22	05:48	20:35	06:55	22:27	08:27	23:59	01:48	63%	11:29		01:11	10:31	21:52	07:06	13:44	02:56	19:58	05:43	15:00	03:24
23	05:48	20:36	06:54	22:25	08:29	23:59	02:14	53%	12:35	☾	01:08	10:28	21:47	07:01	13:40	02:52	19:54	05:38	14:56	03:20
24	05:47	20:37	06:53	22:22	08:31	00:00	02:35	43%	13:39		01:05	10:24	21:43	06:57	13:36	02:48	19:50	05:34	14:52	03:16
25	05:46	20:39	06:51	22:18	08:33	00:00	02:53	34%	14:41		01:02	10:21	21:38	06:52	13:32	02:44	19:46	05:30	14:48	03:12
26	05:46	20:40	06:48	22:13	08:35	00:01	03:11	25%	15:42		00:58	10:18	21:34	06:48	13:28	02:40	19:42	05:26	14:44	03:08
27	05:45	20:41	06:45	22:07	08:36	00:02	03:28	17%	16:43		00:55	10:14	21:29	06:44	13:24	02:36	19:38	05:22	14:40	03:04
28	05:45	20:42	06:42	22:01	08:38	00:02	03:46	10%	17:45		00:52	10:11	21:25	06:39	13:21	02:32	19:34	05:18	14:36	03:00
29	05:44	20:43	06:38	21:54	08:40	00:02	04:07	5%	18:50		00:48	10:07	21:20	06:35	13:17	02:28	19:29	05:14	14:32	02:56
30	05:44	20:44	06:33	21:45	08:42	00:03	04:32	2%	19:56		00:45	10:04	21:15	06:30	13:13	02:24	19:25	05:10	14:28	02:53

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)



## Rise and set times and Moon illumination for December 2024

Day	Sun		Mercury		Venus		Moon			Phase	Mars		Jupiter		Saturn		Uranus		Neptune	
	Rise	Set	Rise	Set	Rise	Set	Rise	Ill. %	Set		Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
1	05:44	20:45	06:28	21:36	08:44	00:03	05:03	0%	21:03	☾	00:42	10:00	21:11	06:26	13:09	02:20	19:21	05:06	14:24	02:49
2	05:43	20:46	06:22	21:26	08:46	00:03	05:42	1%	22:06		00:38	09:57	21:06	06:21	13:05	02:17	19:17	05:02	14:20	02:45
3	05:43	20:48	06:15	21:15	08:49	00:03	06:31	4%	23:02		00:35	09:53	21:02	06:17	13:02	02:13	19:13	04:58	14:16	02:41
4	05:43	20:49	06:09	21:04	08:51	00:03	07:30	9%	23:50		00:31	09:49	20:57	06:12	12:58	02:09	19:09	04:54	14:12	02:37
5	05:43	20:50	06:01	20:52	08:53	00:03	08:38	15%	Doesn't set		00:28	09:45	20:53	06:08	12:54	02:05	19:05	04:50	14:08	02:33
6	05:42	20:51	05:54	20:40	08:55	00:03	09:51	24%	00:28		00:24	09:41	20:48	06:03	12:50	02:01	19:00	04:46	14:04	02:29
7	05:42	20:52	05:46	20:29	08:57	00:03	11:05	34%	00:59		00:20	09:37	20:44	05:59	12:47	01:57	18:56	04:42	14:00	02:25
8	05:42	20:52	05:39	20:18	08:59	00:02	12:19	46%	01:26		00:17	09:33	20:39	05:55	12:43	01:53	18:52	04:38	13:56	02:21
9	05:42	20:53	05:32	20:07	09:01	00:02	13:32	57%	01:49	☾	00:13	09:29	20:34	05:50	12:39	01:50	18:48	04:34	13:52	02:17
10	05:42	20:54	05:25	19:57	09:03	00:02	14:47	69%	02:10		00:09	09:25	20:30	05:46	12:36	01:46	18:44	04:30	13:48	02:13
11	05:42	20:55	05:18	19:48	09:06	00:01	16:03	79%	02:32		00:05	09:20	20:25	05:41	12:32	01:42	18:40	04:25	13:45	02:09
12	05:42	20:56	05:12	19:40	09:08	00:01	17:22	88%	02:56		23:58	09:16	20:21	05:37	12:28	01:38	18:36	04:21	13:41	02:05
13	05:42	20:57	05:06	19:33	09:10	23:59	18:43	95%	03:24		23:54	09:11	20:16	05:32	12:24	01:34	18:32	04:17	13:37	02:01
14	05:43	20:57	05:01	19:27	09:12	23:59	20:03	96%	03:59		23:50	09:07	20:12	05:28	12:21	01:30	18:27	04:13	13:33	01:57
15	05:43	20:58	04:56	19:23	09:14	23:58	21:16	100%	04:43	☺	23:46	09:02	20:07	05:23	12:17	01:26	18:23	04:09	13:29	01:53
16	05:43	20:59	04:52	19:19	09:16	23:57	22:19	9%	05:39		23:42	08:58	20:02	05:19	12:13	01:23	18:19	04:05	13:25	01:50
17	05:43	21:00	04:48	19:15	09:19	23:56	23:08	98%	06:45		23:38	08:53	19:58	05:14	12:10	01:19	18:15	04:01	13:21	01:46
18	05:44	21:00	04:44	19:13	09:21	23:55	23:45	94%	07:57		23:33	08:48	19:53	05:10	12:06	01:15	18:11	03:57	13:17	01:42
19	05:44	21:01	04:41	19:11	09:23	23:54	Already risen	87%	09:09		23:29	08:43	19:49	05:06	12:02	01:11	18:07	03:53	13:13	01:38
20	05:44	21:01	04:39	19:11	09:25	23:53	00:14	80%	10:19		23:25	08:38	19:44	05:01	11:59	01:07	18:03	03:49	13:09	01:34
21	05:45	21:02	04:36	19:10	09:27	23:52	00:37	71%	11:25		23:21	08:33	19:40	04:57	11:55	01:04	17:59	03:45	13:05	01:30
22	05:45	21:02	04:34	19:10	09:29	23:51	00:57	61%	12:29		23:16	08:28	19:35	04:52	11:52	01:00	17:55	03:41	13:02	01:26
23	05:46	21:03	04:33	19:11	09:31	23:50	01:15	52%	13:30	☾	23:12	08:23	19:31	04:48	11:48	00:56	17:51	03:37	12:58	01:22
24	05:46	21:03	04:31	19:12	09:33	23:48	01:32	42%	14:31		23:08	08:17	19:26	04:44	11:44	00:52	17:47	03:33	12:54	01:18
25	05:47	21:03	04:30	19:13	09:35	23:47	01:50	33%	15:33		23:03	08:12	19:22	04:39	11:41	00:48	17:42	03:29	12:50	01:14
26	05:48	21:04	04:29	19:15	09:37	23:46	02:10	24%	16:36		22:59	08:07	19:17	04:35	11:37	00:45	17:38	03:25	12:46	01:10
27	05:48	21:04	04:29	19:16	09:39	23:44	02:33	16%	17:42		22:54	08:01	19:13	04:30	11:34	00:41	17:34	03:21	12:42	01:06
28	05:49	21:04	04:28	19:19	09:41	23:43	03:01	10%	18:49		22:50	07:56	19:08	04:26	11:30	00:37	17:30	03:17	12:38	01:03
29	05:50	21:05	04:28	19:21	09:43	23:41	03:37	4%	19:54		22:45	07:50	19:04	04:22	11:27	00:33	17:26	03:13	12:34	00:59
30	05:51	21:05	04:28	19:23	09:45	23:40	04:23	1%	20:54		22:40	07:45	18:59	04:17	11:23	00:29	17:22	03:09	12:31	00:55
31	05:51	21:05	04:28	19:26	09:47	23:38	05:19	0%	21:45	☾	22:35	07:39	18:55	04:13	11:19	00:26	17:18	03:05	12:27	00:51

Times are calculated for NZDT, UTC+13, for the Kaikoura Town Clock located at -42.402, 173.682 5m, [what3words///shaggy.diviner.forums](https://www.what3words.com/shaggy.diviner.forums)