



Rise and set times and Moon illumination for June 2023

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	7:45 AM	5:01 PM	5:32 AM	3:59 PM	11:12 AM	8:10 PM	3:03 PM	90.9%	4:00 AM		11:40 AM	9:11 PM	4:36 AM	3:14 PM	11:42 PM	1:07 PM	6:04 AM	3:55 PM	1:32 AM	1:51 PM
2	7:45 AM	5:01 PM	5:34 AM	3:58 PM	11:11 AM	8:11 PM	3:29 PM	96.3%	5:10 AM		11:38 AM	9:10 PM	4:33 AM	3:10 PM	11:38 PM	1:03 PM	6:01 AM	3:52 PM	1:28 AM	1:47 PM
3	7:46 AM	5:00 PM	5:36 AM	3:57 PM	11:10 AM	8:13 PM	4:00 PM	99.4%	6:24 AM		11:36 AM	9:09 PM	4:30 AM	3:07 PM	11:35 PM	12:59 PM	5:57 AM	3:48 PM	1:24 AM	1:43 PM
4	7:47 AM	5:00 PM	5:39 AM	3:56 PM	11:09 AM	8:14 PM	4:41 PM	99.6%	7:40 AM	☾	11:34 AM	9:08 PM	4:27 AM	3:04 PM	11:31 PM	12:55 PM	5:54 AM	3:44 PM	1:20 AM	1:40 PM
5	7:48 AM	5:00 PM	5:42 AM	3:55 PM	11:08 AM	8:15 PM	5:33 PM	99.7%	8:55 AM		11:31 AM	9:07 PM	4:24 AM	3:00 PM	11:27 PM	12:51 PM	5:50 AM	3:40 PM	1:17 AM	1:36 PM
6	7:48 AM	4:59 PM	5:45 AM	3:54 PM	11:07 AM	8:16 PM	6:39 PM	97.1%	10:03 AM		11:29 AM	9:06 PM	4:22 AM	2:57 PM	11:23 PM	12:47 PM	5:46 AM	3:37 PM	1:13 AM	1:32 PM
7	7:49 AM	4:59 PM	5:48 AM	3:54 PM	11:06 AM	8:17 PM	7:54 PM	91.6%	10:58 AM		11:27 AM	9:05 PM	4:19 AM	2:53 PM	11:19 PM	12:44 PM	5:43 AM	3:33 PM	1:09 AM	1:28 PM
8	7:50 AM	4:59 PM	5:51 AM	3:54 PM	11:05 AM	8:18 PM	9:14 PM	83.5%	11:42 AM		11:25 AM	9:04 PM	4:16 AM	2:50 PM	11:15 PM	12:40 PM	5:39 AM	3:29 PM	1:05 AM	1:24 PM
9	7:50 AM	4:59 PM	5:55 AM	3:54 PM	11:03 AM	8:19 PM	10:33 PM	73.5%	12:17 PM		11:22 AM	9:04 PM	4:13 AM	2:47 PM	11:12 PM	12:36 PM	5:35 AM	3:25 PM	1:01 AM	1:20 PM
10	7:51 AM	4:58 PM	5:59 AM	3:54 PM	11:02 AM	8:20 PM	11:49 PM	62.2%	12:45 PM		11:20 AM	9:03 PM	4:10 AM	2:43 PM	11:08 PM	12:32 PM	5:32 AM	3:21 PM	12:57 AM	1:16 PM
11	7:51 AM	4:58 PM	6:03 AM	3:54 PM	11:01 AM	8:21 PM	Already risen	50.5%	1:08 PM	☾	11:18 AM	9:02 PM	4:07 AM	2:40 PM	11:04 PM	12:28 PM	5:28 AM	3:18 PM	12:53 AM	1:12 PM
12	7:52 AM	4:58 PM	6:08 AM	3:55 PM	10:59 AM	8:22 PM	1:02 AM	38.9%	1:30 PM		11:15 AM	9:01 PM	4:04 AM	2:36 PM	11:00 PM	12:24 PM	5:24 AM	3:14 PM	12:49 AM	1:08 PM
13	7:52 AM	4:58 PM	6:13 AM	3:55 PM	10:58 AM	8:23 PM	2:13 AM	28.2%	1:52 PM		11:13 AM	9:00 PM	4:01 AM	2:33 PM	10:56 PM	12:20 PM	5:21 AM	3:10 PM	12:46 AM	1:04 PM
14	7:53 AM	4:58 PM	6:18 AM	3:56 PM	10:56 AM	8:24 PM	3:24 AM	18.8%	2:15 PM		11:11 AM	8:59 PM	3:59 AM	2:30 PM	10:52 PM	12:16 PM	5:17 AM	3:06 PM	12:42 AM	1:01 PM
15	7:53 AM	4:58 PM	6:23 AM	3:57 PM	10:54 AM	8:25 PM	4:35 AM	11.0%	2:40 PM		11:08 AM	8:59 PM	3:56 AM	2:26 PM	10:48 PM	12:12 PM	5:13 AM	3:02 PM	12:38 AM	12:57 PM
16	7:54 AM	4:58 PM	6:29 AM	3:59 PM	10:52 AM	8:26 PM	5:45 AM	5.2%	3:10 PM		11:06 AM	8:58 PM	3:53 AM	2:23 PM	10:44 PM	12:08 PM	5:10 AM	2:59 PM	12:34 AM	12:53 PM
17	7:54 AM	4:58 PM	6:34 AM	4:00 PM	10:51 AM	8:26 PM	6:55 AM	1.6%	3:47 PM		11:04 AM	8:57 PM	3:50 AM	2:19 PM	10:40 PM	12:05 PM	5:06 AM	2:55 PM	12:30 AM	12:49 PM
18	7:54 AM	4:58 PM	6:40 AM	4:02 PM	10:49 AM	8:27 PM	8:00 AM	0.2%	4:31 PM	☾	11:01 AM	8:56 PM	3:47 AM	2:16 PM	10:36 PM	12:01 PM	5:02 AM	2:51 PM	12:26 AM	12:45 PM
19	7:55 AM	4:58 PM	6:46 AM	4:05 PM	10:47 AM	8:28 PM	8:57 AM	0.9%	5:23 PM		10:59 AM	8:55 PM	3:44 AM	2:13 PM	10:32 PM	11:57 AM	4:59 AM	2:47 PM	12:22 AM	12:41 PM
20	7:55 AM	4:58 PM	6:52 AM	4:07 PM	10:45 AM	8:28 PM	9:46 AM	3.6%	6:22 PM		10:57 AM	8:55 PM	3:41 AM	2:09 PM	10:28 PM	11:53 AM	4:55 AM	2:44 PM	12:18 AM	12:37 PM
21	7:55 AM	4:59 PM	6:59 AM	4:10 PM	10:43 AM	8:29 PM	10:26 AM	8.2%	7:25 PM		10:54 AM	8:54 PM	3:38 AM	2:06 PM	10:24 PM	11:49 AM	4:51 AM	2:40 PM	12:14 AM	12:33 PM
22	7:55 AM	4:59 PM	7:05 AM	4:13 PM	10:40 AM	8:29 PM	10:58 AM	14.3%	8:29 PM		10:52 AM	8:53 PM	3:35 AM	2:02 PM	10:21 PM	11:45 AM	4:48 AM	2:36 PM	12:10 AM	12:29 PM
23	7:56 AM	4:59 PM	7:12 AM	4:17 PM	10:38 AM	8:30 PM	11:24 AM	21.7%	9:32 PM		10:49 AM	8:52 PM	3:32 AM	1:59 PM	10:17 PM	11:41 AM	4:44 AM	2:32 PM	12:07 AM	12:25 PM
24	7:56 AM	4:59 PM	7:18 AM	4:20 PM	10:36 AM	8:30 PM	11:47 AM	30.3%	10:35 PM		10:47 AM	8:51 PM	3:29 AM	1:55 PM	10:13 PM	11:37 AM	4:40 AM	2:28 PM	12:03 AM	12:21 PM
25	7:56 AM	5:00 PM	7:25 AM	4:24 PM	10:33 AM	8:30 PM	12:06 PM	39.6%	11:36 PM		10:45 AM	8:51 PM	3:26 AM	1:52 PM	10:09 PM	11:33 AM	4:36 AM	2:25 PM	11:55 PM	12:17 PM
26	7:56 AM	5:00 PM	7:31 AM	4:29 PM	10:31 AM	8:30 PM	12:25 PM	49.4%	Doesn't set	☾	10:42 AM	8:50 PM	3:23 AM	1:49 PM	10:05 PM	11:29 AM	4:33 AM	2:21 PM	11:51 PM	12:14 PM
27	7:56 AM	5:00 PM	7:38 AM	4:34 PM	10:28 AM	8:30 PM	12:44 PM	59.6%	12:39 AM		10:40 AM	8:49 PM	3:20 AM	1:45 PM	10:01 PM	11:25 AM	4:29 AM	2:17 PM	11:47 PM	12:10 PM
28	7:56 AM	5:01 PM	7:44 AM	4:39 PM	10:26 AM	8:30 PM	1:04 PM	69.6%	1:43 AM		10:37 AM	8:48 PM	3:17 AM	1:42 PM	9:57 PM	11:21 AM	4:25 AM	2:13 PM	11:43 PM	12:06 PM
29	7:56 AM	5:01 PM	7:50 AM	4:44 PM	10:23 AM	8:30 PM	1:27 PM	79.0%	2:50 AM		10:35 AM	8:47 PM	3:14 AM	1:38 PM	9:52 PM	11:17 AM	4:22 AM	2:09 PM	11:39 PM	12:02 PM
30	7:56 AM	5:02 PM	7:56 AM	4:49 PM	10:20 AM	8:30 PM	1:55 PM	87.4%	4:00 AM		10:32 AM	8:47 PM	3:11 AM	1:35 PM	9:48 PM	11:13 AM	4:18 AM	2:06 PM	11:35 PM	11:58 AM

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)