



Rise and set times and Moon illumination for May 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	7:14 AM	5:30 PM	7:28 AM	5:27 PM	10:59 AM	7:38 PM	3:40 PM	81.1%	1:58 AM		12:46 PM	9:42 PM	6:01 AM	4:58 PM	1:40 AM	3:04 PM	7:57 AM	5:52 PM	3:30 AM	3:51 PM
2	7:15 AM	5:29 PM	7:20 AM	5:23 PM	11:00 AM	7:38 PM	3:59 PM	88.4%	3:01 AM		12:44 PM	9:41 PM	5:59 AM	4:55 PM	1:36 AM	3:01 PM	7:54 AM	5:48 PM	3:26 AM	3:48 PM
3	7:16 AM	5:28 PM	7:12 AM	5:19 PM	11:01 AM	7:39 PM	4:19 PM	94.2%	4:05 AM		12:42 PM	9:39 PM	5:56 AM	4:51 PM	1:33 AM	2:57 PM	7:50 AM	5:45 PM	3:23 AM	3:44 PM
4	7:17 AM	5:26 PM	7:04 AM	5:15 PM	11:03 AM	7:40 PM	4:39 PM	98.2%	5:11 AM		12:40 PM	9:38 PM	5:53 AM	4:48 PM	1:29 AM	2:53 PM	7:46 AM	5:41 PM	3:19 AM	3:40 PM
5	7:18 AM	5:25 PM	6:56 AM	5:11 PM	11:04 AM	7:40 PM	5:02 PM	99.1%	6:19 AM		12:38 PM	9:37 PM	5:51 AM	4:45 PM	1:26 AM	2:49 PM	7:43 AM	5:37 PM	3:15 AM	3:36 PM
6	7:20 AM	5:24 PM	6:48 AM	5:07 PM	11:05 AM	7:41 PM	5:30 PM	99.9%	7:31 AM	☾	12:36 PM	9:36 PM	5:48 AM	4:41 PM	1:22 AM	2:46 PM	7:39 AM	5:33 PM	3:11 AM	3:32 PM
7	7:21 AM	5:23 PM	6:41 AM	5:03 PM	11:06 AM	7:42 PM	6:05 PM	99.2%	8:46 AM		12:34 PM	9:35 PM	5:45 AM	4:38 PM	1:18 AM	2:42 PM	7:35 AM	5:30 PM	3:07 AM	3:28 PM
8	7:22 AM	5:21 PM	6:34 AM	4:59 PM	11:07 AM	7:43 PM	6:49 PM	95.8%	10:01 AM		12:32 PM	9:34 PM	5:42 AM	4:35 PM	1:15 AM	2:38 PM	7:32 AM	5:26 PM	3:04 AM	3:24 PM
9	7:23 AM	5:20 PM	6:27 AM	4:55 PM	11:08 AM	7:44 PM	7:45 PM	89.7%	11:12 AM		12:30 PM	9:33 PM	5:40 AM	4:31 PM	1:11 AM	2:34 PM	7:28 AM	5:22 PM	3:00 AM	3:20 PM
10	7:24 AM	5:19 PM	6:20 AM	4:51 PM	11:09 AM	7:44 PM	8:53 PM	81.4%	12:13 PM		12:28 PM	9:32 PM	5:37 AM	4:28 PM	1:08 AM	2:31 PM	7:24 AM	5:18 PM	2:56 AM	3:17 PM
11	7:25 AM	5:18 PM	6:13 AM	4:48 PM	11:10 AM	7:45 PM	10:08 PM	71.2%	1:03 PM		12:25 PM	9:31 PM	5:34 AM	4:25 PM	1:04 AM	2:27 PM	7:21 AM	5:14 PM	2:52 AM	3:13 PM
12	7:26 AM	5:17 PM	6:08 AM	4:44 PM	11:11 AM	7:46 PM	11:26 PM	59.8%	1:43 PM		12:23 PM	9:30 PM	5:31 AM	4:21 PM	1:00 AM	2:23 PM	7:17 AM	5:11 PM	2:49 AM	3:09 PM
13	7:27 AM	5:16 PM	6:02 AM	4:41 PM	11:12 AM	7:47 PM	Already risen	47.9%	2:14 PM	☾	12:21 PM	9:29 PM	5:29 AM	4:18 PM	12:57 AM	2:19 PM	7:14 AM	5:07 PM	2:45 AM	3:05 PM
14	7:28 AM	5:15 PM	5:57 AM	4:38 PM	11:13 AM	7:48 PM	12:43 AM	36.2%	2:40 PM		12:19 PM	9:28 PM	5:26 AM	4:14 PM	12:53 AM	2:15 PM	7:10 AM	5:03 PM	2:41 AM	3:01 PM
15	7:29 AM	5:14 PM	5:52 AM	4:35 PM	11:13 AM	7:50 PM	1:58 AM	25.4%	3:03 PM		12:17 PM	9:27 PM	5:23 AM	4:11 PM	12:49 AM	2:12 PM	7:06 AM	4:59 PM	2:37 AM	2:57 PM
16	7:30 AM	5:13 PM	5:48 AM	4:32 PM	11:14 AM	7:51 PM	3:11 AM	16.0%	3:25 PM		12:15 PM	9:26 PM	5:20 AM	4:08 PM	12:46 AM	2:08 PM	7:03 AM	4:56 PM	2:33 AM	2:53 PM
17	7:31 AM	5:12 PM	5:44 AM	4:29 PM	11:14 AM	7:52 PM	4:23 AM	8.5%	3:47 PM		12:13 PM	9:25 PM	5:18 AM	4:04 PM	12:42 AM	2:04 PM	6:59 AM	4:52 PM	2:29 AM	2:50 PM
18	7:32 AM	5:11 PM	5:41 AM	4:26 PM	11:14 AM	7:53 PM	5:35 AM	3.3%	4:11 PM		12:11 PM	9:24 PM	5:15 AM	4:01 PM	12:38 AM	2:00 PM	6:55 AM	4:48 PM	2:26 AM	2:46 PM
19	7:33 AM	5:10 PM	5:38 AM	4:23 PM	11:15 AM	7:54 PM	6:47 AM	0.5%	4:38 PM		12:09 PM	9:23 PM	5:12 AM	3:58 PM	12:35 AM	1:56 PM	6:52 AM	4:44 PM	2:22 AM	2:42 PM
20	7:34 AM	5:09 PM	5:35 AM	4:21 PM	11:15 AM	7:55 PM	7:58 AM	0.2%	5:11 PM	☾	12:07 PM	9:22 PM	5:09 AM	3:54 PM	12:31 AM	1:53 PM	6:48 AM	4:41 PM	2:18 AM	2:38 PM
21	7:35 AM	5:08 PM	5:33 AM	4:18 PM	11:15 AM	7:56 PM	9:07 AM	2.2%	5:50 PM		12:04 PM	9:21 PM	5:07 AM	3:51 PM	12:27 AM	1:49 PM	6:45 AM	4:37 PM	2:14 AM	2:34 PM
22	7:36 AM	5:08 PM	5:31 AM	4:16 PM	11:15 AM	7:58 PM	10:11 AM	6.2%	6:38 PM		12:02 PM	9:20 PM	5:04 AM	3:48 PM	12:24 AM	1:45 PM	6:41 AM	4:33 PM	2:10 AM	2:30 PM
23	7:37 AM	5:07 PM	5:30 AM	4:14 PM	11:15 AM	7:59 PM	11:06 AM	12.1%	7:33 PM		12:00 PM	9:19 PM	5:01 AM	3:44 PM	12:20 AM	1:41 PM	6:37 AM	4:29 PM	2:07 AM	2:26 PM
24	7:38 AM	5:06 PM	5:29 AM	4:12 PM	11:15 AM	8:00 PM	11:51 AM	19.4%	8:33 PM		11:58 AM	9:18 PM	4:58 AM	3:41 PM	12:16 AM	1:37 PM	6:34 AM	4:25 PM	2:03 AM	2:22 PM
25	7:39 AM	5:05 PM	5:28 AM	4:10 PM	11:15 AM	8:01 PM	12:28 PM	27.7%	9:37 PM		11:56 AM	9:17 PM	4:55 AM	3:37 PM	12:12 AM	1:34 PM	6:30 AM	4:22 PM	1:59 AM	2:18 PM
26	7:40 AM	5:05 PM	5:27 AM	4:08 PM	11:15 AM	8:03 PM	12:57 PM	36.9%	10:40 PM		11:54 AM	9:16 PM	4:53 AM	3:34 PM	12:09 AM	1:30 PM	6:26 AM	4:18 PM	1:55 AM	2:15 PM
27	7:40 AM	5:04 PM	5:27 AM	4:06 PM	11:14 AM	8:04 PM	1:22 PM	46.5%	11:44 PM		11:51 AM	9:15 PM	4:50 AM	3:31 PM	12:05 AM	1:26 PM	6:23 AM	4:14 PM	1:51 AM	2:11 PM
28	7:41 AM	5:03 PM	5:28 AM	4:04 PM	11:14 AM	8:05 PM	1:43 PM	56.3%	Doesn't set	☾	11:49 AM	9:14 PM	4:47 AM	3:27 PM	12:01 AM	1:22 PM	6:19 AM	4:10 PM	1:47 AM	2:07 PM
29	7:42 AM	5:03 PM	5:28 AM	4:03 PM	11:13 AM	8:06 PM	2:03 PM	66.0%	12:47 AM		11:47 AM	9:13 PM	4:44 AM	3:24 PM	11:54 PM	1:18 PM	6:15 AM	4:07 PM	1:44 AM	2:03 PM
30	7:43 AM	5:02 PM	5:29 AM	4:01 PM	11:13 AM	8:08 PM	2:22 PM	75.3%	1:49 AM		11:45 AM	9:12 PM	4:41 AM	3:20 PM	11:50 PM	1:14 PM	6:12 AM	4:03 PM	1:40 AM	1:59 PM
31	7:44 AM	5:02 PM	5:31 AM	4:00 PM	11:12 AM	8:09 PM	2:41 PM	83.8%	2:53 AM		11:43 AM	9:11 PM	4:39 AM	3:17 PM	11:46 PM	1:11 PM	6:08 AM	3:59 PM	1:36 AM	1:55 PM

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)