

MOONRISE AND MOONSET TIMES

AUCKLAND

July 2009 - December 2009

	July		August		September		October		November		December		
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	
2009	1	12:32	1:41	13:07	3:39	14:42	4:36	15:29	4:05	17:19	3:48	18:23	3:24
	2	13:04	2:44	13:58	4:32	15:41	5:08	16:28	4:30	18:26	4:17	19:32	4:11
	3	13:41	3:47	14:53	5:19	16:40	5:37	17:28	4:55	19:35	4:52	20:37	5:07
	4	14:23	4:47	15:51	6:00	17:39	6:03	18:30	5:21	20:44	5:33	21:33	6:12
	5	15:10	5:44	16:50	6:36	18:38	6:28	19:35	5:48	21:50	6:23	22:21	7:24
	6	16:03	6:35	17:49	7:06	19:39	6:52	20:41	6:19	22:50	7:22	23:01	8:39
	7	16:59	7:21	18:48	7:34	20:40	7:18	21:49	6:55	23:41	8:28	23:35	9:52
	8	17:58	8:00	19:46	7:59	21:44	7:45	22:56	7:38	---	9:39	---	11:03
	9	18:57	8:33	20:45	8:23	22:51	8:17	23:59	8:29	0:24	10:51	0:05	12:11
	10	19:56	9:03	21:45	8:47	23:58	8:54	---	9:29	1:01	12:02	0:34	13:17
	11	20:54	9:29	22:47	9:13	---	9:39	0:55	10:36	1:33	13:10	1:02	14:23
	12	21:52	9:54	23:52	9:41	1:04	10:32	1:43	11:47	2:02	14:18	1:32	15:28
	13	22:51	10:18	---	10:14	2:05	11:35	2:24	12:59	2:30	15:24	2:04	16:33
	14	23:52	10:42	0:59	10:54	3:00	12:45	2:59	14:10	2:59	16:31	2:41	17:36
	15	---	11:09	2:07	11:42	3:46	13:59	3:31	15:20	3:30	17:37	3:23	18:36
	16	0:56	11:39	3:14	12:41	4:26	15:13	4:00	16:29	4:04	18:43	4:10	19:31
	17	2:03	12:15	4:15	13:49	5:00	16:26	4:29	17:37	4:43	19:46	5:03	20:19
	18	3:13	12:59	5:08	15:03	5:31	17:38	4:59	18:45	5:28	20:45	6:00	21:00
	19	4:23	13:54	5:53	16:20	6:01	18:48	5:31	19:53	6:18	21:38	6:59	21:35
	20	5:30	14:59	6:31	17:36	6:31	19:57	6:08	20:59	7:13	22:24	7:58	22:06
	21	6:30	16:13	7:04	18:50	7:02	21:05	6:49	22:01	8:10	23:03	8:56	22:33
	22	7:20	17:31	7:34	20:01	7:35	22:12	7:36	22:57	9:09	23:36	9:53	22:58
	23	8:02	18:49	8:04	21:11	8:13	23:16	8:28	23:47	10:07	---	10:50	23:22
	24	8:37	20:03	8:33	22:18	8:56	---	9:24	---	11:05	0:05	11:47	23:47
	25	9:08	21:14	9:04	23:25	9:45	0:15	10:21	0:29	12:03	0:31	12:46	---
	26	9:37	22:23	9:39	---	10:38	1:08	11:20	1:06	13:00	0:56	13:47	0:13
	27	10:05	23:29	10:18	0:29	11:34	1:54	12:19	1:37	13:59	1:21	14:51	0:42
	28	10:34	---	11:02	1:30	12:32	2:34	13:17	2:05	15:01	1:46	15:59	1:15
	29	11:05	0:35	11:52	2:26	13:31	3:08	14:15	2:31	16:05	2:14	17:08	1:57
	30	11:41	1:38	12:46	3:15	14:30	3:38	15:14	2:56	17:13	2:46	18:15	2:47
	31	12:21	2:40	13:43	3:59	---	---	16:16	3:21	---	---	19:17	3:48

ASTRONOMICAL

January 2010 - June 2010

	January		February		March		April		May		June		
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	
2010	1	20:10	4:59	20:33	7:34	19:00	6:19	19:10	8:42	19:20	9:40	21:01	10:39
	2	20:55	6:15	21:04	8:47	19:31	7:33	19:52	9:51	20:16	10:37	22:00	11:11
	3	21:33	7:32	21:35	9:58	20:03	8:45	20:40	10:57	21:15	11:25	22:57	11:40
	4	22:05	8:46	22:07	11:08	20:38	9:56	21:32	11:56	22:14	12:06	23:54	12:06
	5	22:36	9:58	22:42	12:16	21:17	11:05	22:29	12:48	23:13	12:41	---	12:30
	6	23:05	11:07	23:21	13:21	22:00	12:11	23:27	13:33	---	13:12	0:50	12:55
	7	23:34	12:15	---	14:24	22:49	13:13	---	14:10	0:11	13:39	1:48	13:21
	8	---	13:21	0:05	15:22	23:42	14:08	0:26	14:43	1:08	14:04	2:47	13:49
	9	0:06	14:26	0:54	16:13	---	14:55	1:24	15:12	2:05	14:29	3:49	14:22
	10	0:41	15:30	1:48	16:58	0:38	15:37	2:21	15:38	3:02	14:54	4:53	15:00
	11	1:21	16:30	2:44	17:37	1:36	16:12	3:18	16:03	4:01	15:21	5:59	15:46
	12	2:07	17:26	3:43	18:11	2:34	16:43	4:15	16:28	5:02	15:51	7:03	16:42
	13	2:58	18:16	4:41	18:40	3:32	17:10	5:13	16:53	6:05	16:26	8:04	17:45
	14	3:53	18:59	5:39	19:06	4:29	17:35	6:13	17:21	7:10	17:08	8:57	18:55
	15	4:51	19:36	6:36	19:31	5:26	18:00	7:14	17:53	8:15	17:57	9:44	20:08
	16	5:49	20:08	7:33	19:55	6:24	18:25	8:18	18:29	9:18	18:55	10:23	21:20
	17	6:48	20:36	8:30	20:20	7:22	18:50	9:23	19:13	10:14	20:00	10:58	22:31
	18	7:45	21:02	9:28	20:46	8:22	19:19	10:26	20:04	11:04	21:10	11:29	23:41
	19	8:42	21:26	10:28	21:15	9:24	19:51	11:26	21:03	11:46	22:20	11:59	---
	20	9:39	21:50	11:30	21:48	10:27	20:29	12:19	22:08	12:23	23:31	12:30	0:49
	21	10:36	22:15	12:34	22:28	11:31	21:14	13:06	23:18	12:56	---	13:02	1:56
	22	11:35	22:42	13:39	23:16	12:33	22:07	13:46	---	13:26	0:40	13:37	3:04
	23	12:37	23:12	14:41	---	13:31	23:08	14:21	0:28	13:56	1:48	14:17	4:11
	24	13:41	23:49	15:39	0:14	14:22	---	14:54	1:39	14:27	2:56	15:03	5:15
	25	14:47	---	16:30	1:20	15:08	0:16	15:24	2:49	15:01	4:05	15:55	6:15
	26	15:53	0:33	17:14	2:32	15:47	1:28	15:55	3:59	15:38	5:13	16:51	7:10
	27	16:57	1:27	17:53	3:48	16:22	2:41	16:28	5:09	16:21	6:21	17:50	7:56
	28	17:54	2:31	18:27	5:04	16:55	3:54	17:03	6:20	17:09	7:25	18:50	8:37
	29	18:43	3:44	---	---	17:26	5:06	17:43	7:30	18:04	8:25	19:49	9:11
	30	19:25	5:01	---	---	17:58	6:19	18:29	8:37	19:02	9:17	20:47	9:41
	31	20:01	6:18	---	---	18:32	7:31	---	---	20:02	10:01	---	---

Times listed are in New Zealand Standard Time (NZST)

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