

Sun

Rayong

Location: E101°10'12.0", N12°38'41.9", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Nautical Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Nautical Twilight
	h m	h m °		h m °	h m °		h m
2025 Jan 01 (Wed)	05:47	06:37 113		12:19 55S	18:01 247		18:50
2025 Jan 02 (Thu)	05:48	06:37 113		12:19 55S	18:01 247		18:51
2025 Jan 03 (Fri)	05:48	06:38 113		12:20 55S	18:02 247		18:51
2025 Jan 04 (Sat)	05:49	06:38 113		12:20 55S	18:03 247		18:52
2025 Jan 05 (Sun)	05:49	06:38 113		12:21 55S	18:03 247		18:52
2025 Jan 06 (Mon)	05:49	06:39 113		12:21 56S	18:04 247		18:53
2025 Jan 07 (Tue)	05:50	06:39 113		12:22 56S	18:04 247		18:53
2025 Jan 08 (Wed)	05:50	06:39 113		12:22 56S	18:05 247		18:54
2025 Jan 09 (Thu)	05:50	06:40 112		12:22 56S	18:05 248		18:55
2025 Jan 10 (Fri)	05:51	06:40 112		12:23 56S	18:06 248		18:55
2025 Jan 11 (Sat)	05:51	06:40 112		12:23 56S	18:07 248		18:56
2025 Jan 12 (Sun)	05:51	06:40 112		12:24 56S	18:07 248		18:56
2025 Jan 13 (Mon)	05:52	06:40 112		12:24 57S	18:08 248		18:57
2025 Jan 14 (Tue)	05:52	06:41 112		12:24 57S	18:08 248		18:57
2025 Jan 15 (Wed)	05:52	06:41 111		12:25 57S	18:09 249		18:57
2025 Jan 16 (Thu)	05:52	06:41 111		12:25 57S	18:09 249		18:58
2025 Jan 17 (Fri)	05:52	06:41 111		12:25 57S	18:10 249		18:58
2025 Jan 18 (Sat)	05:53	06:41 111		12:26 58S	18:10 249		18:59
2025 Jan 19 (Sun)	05:53	06:41 111		12:26 58S	18:11 249		18:59
2025 Jan 20 (Mon)	05:53	06:41 110		12:26 58S	18:11 250		19:00
2025 Jan 21 (Tue)	05:53	06:42 110		12:27 58S	18:12 250		19:00
2025 Jan 22 (Wed)	05:53	06:42 110		12:27 58S	18:12 250		19:01
2025 Jan 23 (Thu)	05:53	06:42 110		12:27 59S	18:13 250		19:01
2025 Jan 24 (Fri)	05:53	06:42 110		12:27 59S	18:13 251		19:01
2025 Jan 25 (Sat)	05:53	06:42 109		12:28 59S	18:14 251		19:02
2025 Jan 26 (Sun)	05:54	06:42 109		12:28 59S	18:14 251		19:02
2025 Jan 27 (Mon)	05:54	06:42 109		12:28 60S	18:15 251		19:03
2025 Jan 28 (Tue)	05:54	06:41 108		12:28 60S	18:15 252		19:03
2025 Jan 29 (Wed)	05:54	06:41 108		12:28 60S	18:16 252		19:03
2025 Jan 30 (Thu)	05:54	06:41 108		12:29 60S	18:16 252		19:04
2025 Jan 31 (Fri)	05:53	06:41 108		12:29 61S	18:16 253		19:04
2025 Feb 01 (Sat)	05:53	06:41 107		12:29 61S	18:17 253		19:04
2025 Feb 02 (Sun)	05:53	06:41 107		12:29 61S	18:17 253		19:05
2025 Feb 03 (Mon)	05:53	06:41 107		12:29 62S	18:18 253		19:05
2025 Feb 04 (Tue)	05:53	06:41 106		12:29 62S	18:18 254		19:05
2025 Feb 05 (Wed)	05:53	06:40 106		12:29 62S	18:18 254		19:06
2025 Feb 06 (Thu)	05:53	06:40 106		12:29 63S	18:19 254		19:06
2025 Feb 07 (Fri)	05:53	06:40 105		12:29 63S	18:19 255		19:06
2025 Feb 08 (Sat)	05:53	06:40 105		12:29 63S	18:19 255		19:07
2025 Feb 09 (Sun)	05:52	06:39 105		12:29 63S	18:20 255		19:07
2025 Feb 10 (Mon)	05:52	06:39 105		12:30 64S	18:20 256		19:07
2025 Feb 11 (Tue)	05:52	06:39 104		12:30 64S	18:20 256		19:07
2025 Feb 12 (Wed)	05:52	06:39 104		12:30 64S	18:21 256		19:08
2025 Feb 13 (Thu)	05:51	06:38 103		12:29 65S	18:21 257		19:08
2025 Feb 14 (Fri)	05:51	06:38 103		12:29 65S	18:21 257		19:08
2025 Feb 15 (Sat)	05:51	06:37 103		12:29 65S	18:21 257		19:08
2025 Feb 16 (Sun)	05:50	06:37 102		12:29 66S	18:22 258		19:08
2025 Feb 17 (Mon)	05:50	06:37 102		12:29 66S	18:22 258		19:09
2025 Feb 18 (Tue)	05:50	06:36 102		12:29 67S	18:22 258		19:09
2025 Feb 19 (Wed)	05:49	06:36 101		12:29 67S	18:22 259		19:09
2025 Feb 20 (Thu)	05:49	06:35 101		12:29 67S	18:23 259		19:09
2025 Feb 21 (Fri)	05:49	06:35 101		12:29 68S	18:23 260		19:09
2025 Feb 22 (Sat)	05:48	06:35 100		12:29 68S	18:23 260		19:09
2025 Feb 23 (Sun)	05:48	06:34 100		12:29 68S	18:23 260		19:10
2025 Feb 24 (Mon)	05:47	06:34 100		12:28 69S	18:24 261		19:10

2025	Feb	25	(Tue)	05:47	06:33	99	12:28	69S	18:24	261	19:10
2025	Feb	26	(Wed)	05:46	06:33	99	12:28	69S	18:24	261	19:10
2025	Feb	27	(Thu)	05:46	06:32	98	12:28	70S	18:24	262	19:10
2025	Feb	28	(Fri)	05:46	06:32	98	12:28	70S	18:24	262	19:10
2025	Mar	01	(Sat)	05:45	06:31	98	12:28	71S	18:24	263	19:10
2025	Mar	02	(Sun)	05:45	06:31	97	12:27	71S	18:24	263	19:11
2025	Mar	03	(Mon)	05:44	06:30	97	12:27	71S	18:25	263	19:11
2025	Mar	04	(Tue)	05:43	06:29	96	12:27	72S	18:25	264	19:11
2025	Mar	05	(Wed)	05:43	06:29	96	12:27	72S	18:25	264	19:11
2025	Mar	06	(Thu)	05:42	06:28	96	12:27	72S	18:25	265	19:11
2025	Mar	07	(Fri)	05:42	06:28	95	12:26	73S	18:25	265	19:11
2025	Mar	08	(Sat)	05:41	06:27	95	12:26	73S	18:25	265	19:11
2025	Mar	09	(Sun)	05:41	06:27	94	12:26	74S	18:25	266	19:11
2025	Mar	10	(Mon)	05:40	06:26	94	12:26	74S	18:25	266	19:11
2025	Mar	11	(Tue)	05:40	06:25	94	12:25	74S	18:26	267	19:11
2025	Mar	12	(Wed)	05:39	06:25	93	12:25	75S	18:26	267	19:11
2025	Mar	13	(Thu)	05:38	06:24	93	12:25	75S	18:26	267	19:11
2025	Mar	14	(Fri)	05:38	06:23	92	12:25	76S	18:26	268	19:12
2025	Mar	15	(Sat)	05:37	06:23	92	12:24	76S	18:26	268	19:12
2025	Mar	16	(Sun)	05:36	06:22	92	12:24	76S	18:26	269	19:12
2025	Mar	17	(Mon)	05:36	06:22	91	12:24	77S	18:26	269	19:12
2025	Mar	18	(Tue)	05:35	06:21	91	12:23	77S	18:26	269	19:12
2025	Mar	19	(Wed)	05:34	06:20	90	12:23	78S	18:26	270	19:12
2025	Mar	20	(Thu)	05:34	06:20	90	12:23	78S	18:26	270	19:12
2025	Mar	21	(Fri)	05:33	06:19	90	12:22	78S	18:26	271	19:12
2025	Mar	22	(Sat)	05:32	06:18	89	12:22	79S	18:26	271	19:12
2025	Mar	23	(Sun)	05:32	06:18	89	12:22	79S	18:26	271	19:12
2025	Mar	24	(Mon)	05:31	06:17	88	12:22	80S	18:26	272	19:12
2025	Mar	25	(Tue)	05:30	06:16	88	12:21	80S	18:26	272	19:12
2025	Mar	26	(Wed)	05:30	06:16	88	12:21	80S	18:26	273	19:12
2025	Mar	27	(Thu)	05:29	06:15	87	12:21	81S	18:27	273	19:12
2025	Mar	28	(Fri)	05:28	06:14	87	12:20	81S	18:27	273	19:13
2025	Mar	29	(Sat)	05:28	06:14	86	12:20	82S	18:27	274	19:13
2025	Mar	30	(Sun)	05:27	06:13	86	12:20	82S	18:27	274	19:13
2025	Mar	31	(Mon)	05:26	06:12	86	12:19	82S	18:27	275	19:13
2025	Apr	01	(Tue)	05:26	06:12	85	12:19	83S	18:27	275	19:13
2025	Apr	02	(Wed)	05:25	06:11	85	12:19	83S	18:27	275	19:13
2025	Apr	03	(Thu)	05:24	06:10	84	12:19	83S	18:27	276	19:13
2025	Apr	04	(Fri)	05:24	06:10	84	12:18	84S	18:27	276	19:13
2025	Apr	05	(Sat)	05:23	06:09	84	12:18	84S	18:27	277	19:13
2025	Apr	06	(Sun)	05:22	06:09	83	12:18	85S	18:27	277	19:13
2025	Apr	07	(Mon)	05:22	06:08	83	12:17	85S	18:27	277	19:13
2025	Apr	08	(Tue)	05:21	06:07	82	12:17	85S	18:27	278	19:14
2025	Apr	09	(Wed)	05:20	06:07	82	12:17	86S	18:27	278	19:14
2025	Apr	10	(Thu)	05:20	06:06	82	12:17	86S	18:27	279	19:14
2025	Apr	11	(Fri)	05:19	06:05	81	12:16	86S	18:27	279	19:14
2025	Apr	12	(Sat)	05:18	06:05	81	12:16	87S	18:27	279	19:14
2025	Apr	13	(Sun)	05:18	06:04	81	12:16	87S	18:28	280	19:14
2025	Apr	14	(Mon)	05:17	06:04	80	12:16	88S	18:28	280	19:14
2025	Apr	15	(Tue)	05:16	06:03	80	12:15	88S	18:28	280	19:15
2025	Apr	16	(Wed)	05:16	06:03	79	12:15	88S	18:28	281	19:15
2025	Apr	17	(Thu)	05:15	06:02	79	12:15	89S	18:28	281	19:15
2025	Apr	18	(Fri)	05:14	06:01	79	12:15	89S	18:28	281	19:15
2025	Apr	19	(Sat)	05:14	06:01	78	12:14	89S	18:28	282	19:15
2025	Apr	20	(Sun)	05:13	06:00	78	12:14	90S	18:28	282	19:15
2025	Apr	21	(Mon)	05:13	06:00	78	12:14	90S	18:28	283	19:16
2025	Apr	22	(Tue)	05:12	05:59	77	12:14	90S	18:29	283	19:16
2025	Apr	23	(Wed)	05:11	05:59	77	12:14	91S	18:29	283	19:16
2025	Apr	24	(Thu)	05:11	05:58	77	12:13	90N	18:29	284	19:16
2025	Apr	25	(Fri)	05:10	05:58	76	12:13	90N	18:29	284	19:16
2025	Apr	26	(Sat)	05:10	05:57	76	12:13	90N	18:29	284	19:17
2025	Apr	27	(Sun)	05:09	05:57	76	12:13	89N	18:29	285	19:17
2025	Apr	28	(Mon)	05:09	05:56	75	12:13	89N	18:29	285	19:17
2025	Apr	29	(Tue)	05:08	05:56	75	12:13	89N	18:30	285	19:17
2025	Apr	30	(Wed)	05:08	05:55	75	12:13	89N	18:30	286	19:18
2025	May	01	(Thu)	05:07	05:55	74	12:12	88N	18:30	286	19:18
2025	May	02	(Fri)	05:07	05:55	74	12:12	88N	18:30	286	19:18

2025	May	03	(Sat)	05:06	05:54	74	12:12	88N	18:30	286	19:18
2025	May	04	(Sun)	05:06	05:54	73	12:12	87N	18:30	287	19:19
2025	May	05	(Mon)	05:05	05:53	73	12:12	87N	18:31	287	19:19
2025	May	06	(Tue)	05:05	05:53	73	12:12	87N	18:31	287	19:19
2025	May	07	(Wed)	05:04	05:53	73	12:12	86N	18:31	288	19:20
2025	May	08	(Thu)	05:04	05:52	72	12:12	86N	18:31	288	19:20
2025	May	09	(Fri)	05:04	05:52	72	12:12	86N	18:32	288	19:20
2025	May	10	(Sat)	05:03	05:52	72	12:12	86N	18:32	288	19:20
2025	May	11	(Sun)	05:03	05:52	71	12:12	85N	18:32	289	19:21
2025	May	12	(Mon)	05:02	05:51	71	12:12	85N	18:32	289	19:21
2025	May	13	(Tue)	05:02	05:51	71	12:12	85N	18:32	289	19:21
2025	May	14	(Wed)	05:02	05:51	71	12:12	85N	18:33	289	19:22
2025	May	15	(Thu)	05:01	05:50	70	12:12	84N	18:33	290	19:22
2025	May	16	(Fri)	05:01	05:50	70	12:12	84N	18:33	290	19:22
2025	May	17	(Sat)	05:01	05:50	70	12:12	84N	18:33	290	19:23
2025	May	18	(Sun)	05:01	05:50	70	12:12	84N	18:34	290	19:23
2025	May	19	(Mon)	05:00	05:50	70	12:12	84N	18:34	291	19:23
2025	May	20	(Tue)	05:00	05:50	69	12:12	83N	18:34	291	19:24
2025	May	21	(Wed)	05:00	05:49	69	12:12	83N	18:35	291	19:24
2025	May	22	(Thu)	05:00	05:49	69	12:12	83N	18:35	291	19:25
2025	May	23	(Fri)	04:59	05:49	69	12:12	83N	18:35	291	19:25
2025	May	24	(Sat)	04:59	05:49	68	12:12	83N	18:35	292	19:25
2025	May	25	(Sun)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2025	May	26	(Mon)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2025	May	27	(Tue)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2025	May	28	(Wed)	04:59	05:49	68	12:13	82N	18:37	292	19:27
2025	May	29	(Thu)	04:59	05:49	68	12:13	82N	18:37	292	19:27
2025	May	30	(Fri)	04:58	05:49	67	12:13	82N	18:37	293	19:27
2025	May	31	(Sat)	04:58	05:49	67	12:13	81N	18:38	293	19:28
2025	Jun	01	(Sun)	04:58	05:49	67	12:13	81N	18:38	293	19:28
2025	Jun	02	(Mon)	04:58	05:49	67	12:13	81N	18:38	293	19:29
2025	Jun	03	(Tue)	04:58	05:49	67	12:13	81N	18:38	293	19:29
2025	Jun	04	(Wed)	04:58	05:49	67	12:14	81N	18:39	293	19:29
2025	Jun	05	(Thu)	04:58	05:49	67	12:14	81N	18:39	293	19:30
2025	Jun	06	(Fri)	04:58	05:49	67	12:14	81N	18:39	294	19:30
2025	Jun	07	(Sat)	04:58	05:49	66	12:14	81N	18:40	294	19:30
2025	Jun	08	(Sun)	04:58	05:49	66	12:14	80N	18:40	294	19:31
2025	Jun	09	(Mon)	04:58	05:49	66	12:15	80N	18:40	294	19:31
2025	Jun	10	(Tue)	04:58	05:49	66	12:15	80N	18:40	294	19:31
2025	Jun	11	(Wed)	04:59	05:49	66	12:15	80N	18:41	294	19:32
2025	Jun	12	(Thu)	04:59	05:49	66	12:15	80N	18:41	294	19:32
2025	Jun	13	(Fri)	04:59	05:50	66	12:15	80N	18:41	294	19:32
2025	Jun	14	(Sat)	04:59	05:50	66	12:16	80N	18:42	294	19:32
2025	Jun	15	(Sun)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2025	Jun	16	(Mon)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2025	Jun	17	(Tue)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2025	Jun	18	(Wed)	05:00	05:50	66	12:16	80N	18:43	294	19:33
2025	Jun	19	(Thu)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2025	Jun	20	(Fri)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2025	Jun	21	(Sat)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2025	Jun	22	(Sun)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2025	Jun	23	(Mon)	05:01	05:51	66	12:18	80N	18:44	294	19:35
2025	Jun	24	(Tue)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2025	Jun	25	(Wed)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2025	Jun	26	(Thu)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2025	Jun	27	(Fri)	05:02	05:52	66	12:18	80N	18:44	294	19:35
2025	Jun	28	(Sat)	05:02	05:53	66	12:19	80N	18:45	294	19:35
2025	Jun	29	(Sun)	05:02	05:53	66	12:19	80N	18:45	294	19:35
2025	Jun	30	(Mon)	05:02	05:53	66	12:19	80N	18:45	294	19:36
2025	Jul	01	(Tue)	05:03	05:54	66	12:19	80N	18:45	294	19:36
2025	Jul	02	(Wed)	05:03	05:54	66	12:19	80N	18:45	294	19:36
2025	Jul	03	(Thu)	05:03	05:54	66	12:20	80N	18:45	294	19:36
2025	Jul	04	(Fri)	05:04	05:54	66	12:20	81N	18:45	294	19:36
2025	Jul	05	(Sat)	05:04	05:55	66	12:20	81N	18:45	294	19:36
2025	Jul	06	(Sun)	05:04	05:55	67	12:20	81N	18:45	293	19:36
2025	Jul	07	(Mon)	05:05	05:55	67	12:20	81N	18:45	293	19:36
2025	Jul	08	(Tue)	05:05	05:55	67	12:20	81N	18:45	293	19:36

2025	Jul	09	(Wed)	05:05	05:56	67	12:21	81N	18:45	293	19:36
2025	Jul	10	(Thu)	05:06	05:56	67	12:21	81N	18:45	293	19:36
2025	Jul	11	(Fri)	05:06	05:56	67	12:21	81N	18:45	293	19:36
2025	Jul	12	(Sat)	05:06	05:57	67	12:21	81N	18:45	293	19:36
2025	Jul	13	(Sun)	05:07	05:57	67	12:21	82N	18:45	293	19:36
2025	Jul	14	(Mon)	05:07	05:57	68	12:21	82N	18:45	292	19:35
2025	Jul	15	(Tue)	05:07	05:57	68	12:21	82N	18:45	292	19:35
2025	Jul	16	(Wed)	05:08	05:58	68	12:21	82N	18:45	292	19:35
2025	Jul	17	(Thu)	05:08	05:58	68	12:22	82N	18:45	292	19:35
2025	Jul	18	(Fri)	05:08	05:58	68	12:22	82N	18:45	292	19:35
2025	Jul	19	(Sat)	05:09	05:58	68	12:22	83N	18:45	291	19:35
2025	Jul	20	(Sun)	05:09	05:59	69	12:22	83N	18:45	291	19:34
2025	Jul	21	(Mon)	05:09	05:59	69	12:22	83N	18:45	291	19:34
2025	Jul	22	(Tue)	05:10	05:59	69	12:22	83N	18:44	291	19:34
2025	Jul	23	(Wed)	05:10	05:59	69	12:22	83N	18:44	291	19:34
2025	Jul	24	(Thu)	05:10	06:00	69	12:22	84N	18:44	290	19:33
2025	Jul	25	(Fri)	05:11	06:00	70	12:22	84N	18:44	290	19:33
2025	Jul	26	(Sat)	05:11	06:00	70	12:22	84N	18:44	290	19:33
2025	Jul	27	(Sun)	05:11	06:00	70	12:22	84N	18:43	290	19:32
2025	Jul	28	(Mon)	05:11	06:01	70	12:22	84N	18:43	290	19:32
2025	Jul	29	(Tue)	05:12	06:01	71	12:22	85N	18:43	289	19:32
2025	Jul	30	(Wed)	05:12	06:01	71	12:22	85N	18:42	289	19:31
2025	Jul	31	(Thu)	05:12	06:01	71	12:22	85N	18:42	289	19:31
2025	Aug	01	(Fri)	05:13	06:01	71	12:22	85N	18:42	289	19:31
2025	Aug	02	(Sat)	05:13	06:02	72	12:22	86N	18:42	288	19:30
2025	Aug	03	(Sun)	05:13	06:02	72	12:22	86N	18:41	288	19:30
2025	Aug	04	(Mon)	05:13	06:02	72	12:21	86N	18:41	288	19:29
2025	Aug	05	(Tue)	05:14	06:02	72	12:21	86N	18:40	287	19:29
2025	Aug	06	(Wed)	05:14	06:02	73	12:21	87N	18:40	287	19:28
2025	Aug	07	(Thu)	05:14	06:02	73	12:21	87N	18:40	287	19:28
2025	Aug	08	(Fri)	05:14	06:03	73	12:21	87N	18:39	287	19:27
2025	Aug	09	(Sat)	05:15	06:03	74	12:21	88N	18:39	286	19:27
2025	Aug	10	(Sun)	05:15	06:03	74	12:21	88N	18:38	286	19:26
2025	Aug	11	(Mon)	05:15	06:03	74	12:21	88N	18:38	286	19:26
2025	Aug	12	(Tue)	05:15	06:03	74	12:20	88N	18:37	285	19:25
2025	Aug	13	(Wed)	05:15	06:03	75	12:20	89N	18:37	285	19:25
2025	Aug	14	(Thu)	05:16	06:03	75	12:20	89N	18:36	285	19:24
2025	Aug	15	(Fri)	05:16	06:04	75	12:20	89N	18:36	284	19:24
2025	Aug	16	(Sat)	05:16	06:04	76	12:20	90N	18:35	284	19:23
2025	Aug	17	(Sun)	05:16	06:04	76	12:19	90N	18:35	284	19:22
2025	Aug	18	(Mon)	05:16	06:04	76	12:19	90N	18:34	283	19:22
2025	Aug	19	(Tue)	05:17	06:04	77	12:19	91N	18:34	283	19:21
2025	Aug	20	(Wed)	05:17	06:04	77	12:19	90S	18:33	283	19:21
2025	Aug	21	(Thu)	05:17	06:04	77	12:18	90S	18:33	282	19:20
2025	Aug	22	(Fri)	05:17	06:04	78	12:18	90S	18:32	282	19:19
2025	Aug	23	(Sat)	05:17	06:04	78	12:18	89S	18:32	282	19:19
2025	Aug	24	(Sun)	05:17	06:04	78	12:18	89S	18:31	281	19:18
2025	Aug	25	(Mon)	05:17	06:04	79	12:17	89S	18:30	281	19:17
2025	Aug	26	(Tue)	05:17	06:04	79	12:17	88S	18:30	281	19:17
2025	Aug	27	(Wed)	05:18	06:04	80	12:17	88S	18:29	280	19:16
2025	Aug	28	(Thu)	05:18	06:04	80	12:17	88S	18:29	280	19:15
2025	Aug	29	(Fri)	05:18	06:04	80	12:16	87S	18:28	280	19:15
2025	Aug	30	(Sat)	05:18	06:04	81	12:16	87S	18:27	279	19:14
2025	Aug	31	(Sun)	05:18	06:05	81	12:16	87S	18:27	279	19:13
2025	Sep	01	(Mon)	05:18	06:05	81	12:15	86S	18:26	278	19:12
2025	Sep	02	(Tue)	05:18	06:05	82	12:15	86S	18:25	278	19:12
2025	Sep	03	(Wed)	05:18	06:05	82	12:15	86S	18:25	278	19:11
2025	Sep	04	(Thu)	05:18	06:05	82	12:14	85S	18:24	277	19:10
2025	Sep	05	(Fri)	05:18	06:05	83	12:14	85S	18:23	277	19:10
2025	Sep	06	(Sat)	05:18	06:05	83	12:14	84S	18:23	277	19:09
2025	Sep	07	(Sun)	05:18	06:05	84	12:13	84S	18:22	276	19:08
2025	Sep	08	(Mon)	05:18	06:05	84	12:13	84S	18:21	276	19:07
2025	Sep	09	(Tue)	05:18	06:05	84	12:13	83S	18:21	275	19:07
2025	Sep	10	(Wed)	05:18	06:05	85	12:12	83S	18:20	275	19:06
2025	Sep	11	(Thu)	05:19	06:05	85	12:12	83S	18:19	275	19:05
2025	Sep	12	(Fri)	05:19	06:05	86	12:12	82S	18:19	274	19:04
2025	Sep	13	(Sat)	05:19	06:05	86	12:11	82S	18:18	274	19:04

2025 Sep 14 (Sun)	05:19	06:05	86	12:11	81S	18:17	273	19:03
2025 Sep 15 (Mon)	05:19	06:05	87	12:11	81S	18:16	273	19:02
2025 Sep 16 (Tue)	05:19	06:05	87	12:10	81S	18:16	273	19:02
2025 Sep 17 (Wed)	05:19	06:05	88	12:10	80S	18:15	272	19:01
2025 Sep 18 (Thu)	05:19	06:04	88	12:09	80S	18:14	272	19:00
2025 Sep 19 (Fri)	05:19	06:04	88	12:09	79S	18:14	271	18:59
2025 Sep 20 (Sat)	05:19	06:04	89	12:09	79S	18:13	271	18:59
2025 Sep 21 (Sun)	05:19	06:04	89	12:08	79S	18:12	271	18:58
2025 Sep 22 (Mon)	05:19	06:04	89	12:08	78S	18:11	270	18:57
2025 Sep 23 (Tue)	05:19	06:04	90	12:08	78S	18:11	270	18:57
2025 Sep 24 (Wed)	05:19	06:04	90	12:07	77S	18:10	270	18:56
2025 Sep 25 (Thu)	05:19	06:04	91	12:07	77S	18:09	269	18:55
2025 Sep 26 (Fri)	05:19	06:04	91	12:07	77S	18:09	269	18:54
2025 Sep 27 (Sat)	05:19	06:04	91	12:06	76S	18:08	268	18:54
2025 Sep 28 (Sun)	05:19	06:04	92	12:06	76S	18:07	268	18:53
2025 Sep 29 (Mon)	05:19	06:05	92	12:06	76S	18:07	268	18:52
2025 Sep 30 (Tue)	05:19	06:05	93	12:05	75S	18:06	267	18:52
2025 Oct 01 (Wed)	05:19	06:05	93	12:05	75S	18:05	267	18:51
2025 Oct 02 (Thu)	05:19	06:05	93	12:05	74S	18:05	266	18:50
2025 Oct 03 (Fri)	05:19	06:05	94	12:04	74S	18:04	266	18:50
2025 Oct 04 (Sat)	05:19	06:05	94	12:04	74S	18:03	266	18:49
2025 Oct 05 (Sun)	05:19	06:05	95	12:04	73S	18:03	265	18:49
2025 Oct 06 (Mon)	05:19	06:05	95	12:03	73S	18:02	265	18:48
2025 Oct 07 (Tue)	05:19	06:05	95	12:03	72S	18:01	264	18:47
2025 Oct 08 (Wed)	05:19	06:05	96	12:03	72S	18:01	264	18:47
2025 Oct 09 (Thu)	05:19	06:05	96	12:03	72S	18:00	264	18:46
2025 Oct 10 (Fri)	05:19	06:05	97	12:02	71S	18:00	263	18:46
2025 Oct 11 (Sat)	05:19	06:05	97	12:02	71S	17:59	263	18:45
2025 Oct 12 (Sun)	05:19	06:05	97	12:02	71S	17:58	262	18:44
2025 Oct 13 (Mon)	05:19	06:05	98	12:02	70S	17:58	262	18:44
2025 Oct 14 (Tue)	05:19	06:05	98	12:01	70S	17:57	262	18:43
2025 Oct 15 (Wed)	05:19	06:05	99	12:01	69S	17:57	261	18:43
2025 Oct 16 (Thu)	05:19	06:06	99	12:01	69S	17:56	261	18:42
2025 Oct 17 (Fri)	05:19	06:06	99	12:01	69S	17:56	261	18:42
2025 Oct 18 (Sat)	05:20	06:06	100	12:00	68S	17:55	260	18:41
2025 Oct 19 (Sun)	05:20	06:06	100	12:00	68S	17:55	260	18:41
2025 Oct 20 (Mon)	05:20	06:06	100	12:00	68S	17:54	259	18:40
2025 Oct 21 (Tue)	05:20	06:06	101	12:00	67S	17:54	259	18:40
2025 Oct 22 (Wed)	05:20	06:06	101	12:00	67S	17:53	259	18:40
2025 Oct 23 (Thu)	05:20	06:07	102	12:00	67S	17:53	258	18:39
2025 Oct 24 (Fri)	05:20	06:07	102	12:00	66S	17:52	258	18:39
2025 Oct 25 (Sat)	05:20	06:07	102	11:59	66S	17:52	258	18:38
2025 Oct 26 (Sun)	05:20	06:07	103	11:59	66S	17:51	257	18:38
2025 Oct 27 (Mon)	05:21	06:07	103	11:59	65S	17:51	257	18:38
2025 Oct 28 (Tue)	05:21	06:08	103	11:59	65S	17:50	257	18:37
2025 Oct 29 (Wed)	05:21	06:08	104	11:59	65S	17:50	256	18:37
2025 Oct 30 (Thu)	05:21	06:08	104	11:59	64S	17:50	256	18:37
2025 Oct 31 (Fri)	05:21	06:08	104	11:59	64S	17:49	256	18:36
2025 Nov 01 (Sat)	05:22	06:09	105	11:59	64S	17:49	255	18:36
2025 Nov 02 (Sun)	05:22	06:09	105	11:59	63S	17:49	255	18:36
2025 Nov 03 (Mon)	05:22	06:09	105	11:59	63S	17:48	255	18:36
2025 Nov 04 (Tue)	05:22	06:09	106	11:59	63S	17:48	254	18:35
2025 Nov 05 (Wed)	05:22	06:10	106	11:59	62S	17:48	254	18:35
2025 Nov 06 (Thu)	05:23	06:10	106	11:59	62S	17:48	254	18:35
2025 Nov 07 (Fri)	05:23	06:10	106	11:59	62S	17:47	253	18:35
2025 Nov 08 (Sat)	05:23	06:11	107	11:59	61S	17:47	253	18:35
2025 Nov 09 (Sun)	05:24	06:11	107	11:59	61S	17:47	253	18:35
2025 Nov 10 (Mon)	05:24	06:11	107	11:59	61S	17:47	252	18:35
2025 Nov 11 (Tue)	05:24	06:12	108	11:59	61S	17:47	252	18:34
2025 Nov 12 (Wed)	05:24	06:12	108	11:59	60S	17:47	252	18:34
2025 Nov 13 (Thu)	05:25	06:13	108	12:00	60S	17:46	252	18:34
2025 Nov 14 (Fri)	05:25	06:13	108	12:00	60S	17:46	251	18:34
2025 Nov 15 (Sat)	05:25	06:13	109	12:00	60S	17:46	251	18:34
2025 Nov 16 (Sun)	05:26	06:14	109	12:00	59S	17:46	251	18:34
2025 Nov 17 (Mon)	05:26	06:14	109	12:00	59S	17:46	251	18:34
2025 Nov 18 (Tue)	05:27	06:15	110	12:00	59S	17:46	250	18:34
2025 Nov 19 (Wed)	05:27	06:15	110	12:01	59S	17:46	250	18:34

2025	Nov	20	(Thu)	05:27	06:16	110	12:01	58S	17:46	250	18:34
2025	Nov	21	(Fri)	05:28	06:16	110	12:01	58S	17:46	250	18:35
2025	Nov	22	(Sat)	05:28	06:17	110	12:01	58S	17:46	249	18:35
2025	Nov	23	(Sun)	05:29	06:17	111	12:02	58S	17:46	249	18:35
2025	Nov	24	(Mon)	05:29	06:18	111	12:02	57S	17:46	249	18:35
2025	Nov	25	(Tue)	05:29	06:18	111	12:02	57S	17:46	249	18:35
2025	Nov	26	(Wed)	05:30	06:19	111	12:03	57S	17:47	249	18:35
2025	Nov	27	(Thu)	05:30	06:19	111	12:03	57S	17:47	248	18:36
2025	Nov	28	(Fri)	05:31	06:20	112	12:03	57S	17:47	248	18:36
2025	Nov	29	(Sat)	05:31	06:20	112	12:04	57S	17:47	248	18:36
2025	Nov	30	(Sun)	05:32	06:21	112	12:04	56S	17:47	248	18:36
2025	Dec	01	(Mon)	05:32	06:21	112	12:04	56S	17:47	248	18:37
2025	Dec	02	(Tue)	05:33	06:22	112	12:05	56S	17:48	248	18:37
2025	Dec	03	(Wed)	05:33	06:22	112	12:05	56S	17:48	247	18:37
2025	Dec	04	(Thu)	05:34	06:23	113	12:05	56S	17:48	247	18:37
2025	Dec	05	(Fri)	05:34	06:23	113	12:06	56S	17:48	247	18:38
2025	Dec	06	(Sat)	05:35	06:24	113	12:06	56S	17:49	247	18:38
2025	Dec	07	(Sun)	05:35	06:24	113	12:07	55S	17:49	247	18:38
2025	Dec	08	(Mon)	05:36	06:25	113	12:07	55S	17:49	247	18:39
2025	Dec	09	(Tue)	05:36	06:25	113	12:08	55S	17:50	247	18:39
2025	Dec	10	(Wed)	05:37	06:26	113	12:08	55S	17:50	247	18:40
2025	Dec	11	(Thu)	05:37	06:27	113	12:09	55S	17:50	247	18:40
2025	Dec	12	(Fri)	05:38	06:27	113	12:09	55S	17:51	246	18:40
2025	Dec	13	(Sat)	05:38	06:28	114	12:09	55S	17:51	246	18:41
2025	Dec	14	(Sun)	05:39	06:28	114	12:10	55S	17:52	246	18:41
2025	Dec	15	(Mon)	05:39	06:29	114	12:10	55S	17:52	246	18:42
2025	Dec	16	(Tue)	05:40	06:29	114	12:11	55S	17:53	246	18:42
2025	Dec	17	(Wed)	05:40	06:30	114	12:11	55S	17:53	246	18:43
2025	Dec	18	(Thu)	05:41	06:30	114	12:12	55S	17:53	246	18:43
2025	Dec	19	(Fri)	05:41	06:31	114	12:12	55S	17:54	246	18:44
2025	Dec	20	(Sat)	05:42	06:31	114	12:13	55S	17:54	246	18:44
2025	Dec	21	(Sun)	05:42	06:32	114	12:13	55S	17:55	246	18:45
2025	Dec	22	(Mon)	05:43	06:32	114	12:14	55S	17:55	246	18:45
2025	Dec	23	(Tue)	05:43	06:33	114	12:14	55S	17:56	246	18:46
2025	Dec	24	(Wed)	05:44	06:33	114	12:15	55S	17:56	246	18:46
2025	Dec	25	(Thu)	05:44	06:34	114	12:15	55S	17:57	246	18:47
2025	Dec	26	(Fri)	05:45	06:34	114	12:16	55S	17:57	246	18:47
2025	Dec	27	(Sat)	05:45	06:35	114	12:16	55S	17:58	246	18:48
2025	Dec	28	(Sun)	05:46	06:35	114	12:17	55S	17:59	246	18:48
2025	Dec	29	(Mon)	05:46	06:36	114	12:17	55S	17:59	246	18:49
2025	Dec	30	(Tue)	05:46	06:36	114	12:18	55S	18:00	246	18:49
2025	Dec	31	(Wed)	05:47	06:36	114	12:18	55S	18:00	247	18:50

Sun

Rayong

Location: E101°10'12.0", N12°38'41.9", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight h m	Rise h m °	Az. °	Transit Alt. h m °	Set h m °	Az. °	End Civil Twilight h m				
2025	Jan	01	(Wed)	06:14	06:37	113	12:19	55S	18:01	247	18:24
2025	Jan	02	(Thu)	06:14	06:37	113	12:19	55S	18:01	247	18:24
2025	Jan	03	(Fri)	06:15	06:38	113	12:20	55S	18:02	247	18:25
2025	Jan	04	(Sat)	06:15	06:38	113	12:20	55S	18:03	247	18:26
2025	Jan	05	(Sun)	06:15	06:38	113	12:21	55S	18:03	247	18:26
2025	Jan	06	(Mon)	06:16	06:39	113	12:21	56S	18:04	247	18:27
2025	Jan	07	(Tue)	06:16	06:39	113	12:22	56S	18:04	247	18:27
2025	Jan	08	(Wed)	06:16	06:39	113	12:22	56S	18:05	247	18:28
2025	Jan	09	(Thu)	06:17	06:40	112	12:22	56S	18:05	248	18:28
2025	Jan	10	(Fri)	06:17	06:40	112	12:23	56S	18:06	248	18:29
2025	Jan	11	(Sat)	06:17	06:40	112	12:23	56S	18:07	248	18:29
2025	Jan	12	(Sun)	06:18	06:40	112	12:24	56S	18:07	248	18:30

2025	Jan	13	(Mon)	06:18	06:40	112	12:24	57S	18:08	248	18:30
2025	Jan	14	(Tue)	06:18	06:41	112	12:24	57S	18:08	248	18:31
2025	Jan	15	(Wed)	06:18	06:41	111	12:25	57S	18:09	249	18:31
2025	Jan	16	(Thu)	06:18	06:41	111	12:25	57S	18:09	249	18:32
2025	Jan	17	(Fri)	06:19	06:41	111	12:25	57S	18:10	249	18:32
2025	Jan	18	(Sat)	06:19	06:41	111	12:26	58S	18:10	249	18:33
2025	Jan	19	(Sun)	06:19	06:41	111	12:26	58S	18:11	249	18:33
2025	Jan	20	(Mon)	06:19	06:41	110	12:26	58S	18:11	250	18:34
2025	Jan	21	(Tue)	06:19	06:42	110	12:27	58S	18:12	250	18:34
2025	Jan	22	(Wed)	06:19	06:42	110	12:27	58S	18:12	250	18:35
2025	Jan	23	(Thu)	06:19	06:42	110	12:27	59S	18:13	250	18:35
2025	Jan	24	(Fri)	06:19	06:42	110	12:27	59S	18:13	251	18:36
2025	Jan	25	(Sat)	06:19	06:42	109	12:28	59S	18:14	251	18:36
2025	Jan	26	(Sun)	06:19	06:42	109	12:28	59S	18:14	251	18:36
2025	Jan	27	(Mon)	06:19	06:42	109	12:28	60S	18:15	251	18:37
2025	Jan	28	(Tue)	06:19	06:41	108	12:28	60S	18:15	252	18:37
2025	Jan	29	(Wed)	06:19	06:41	108	12:28	60S	18:16	252	18:38
2025	Jan	30	(Thu)	06:19	06:41	108	12:29	60S	18:16	252	18:38
2025	Jan	31	(Fri)	06:19	06:41	108	12:29	61S	18:16	253	18:39
2025	Feb	01	(Sat)	06:19	06:41	107	12:29	61S	18:17	253	18:39
2025	Feb	02	(Sun)	06:19	06:41	107	12:29	61S	18:17	253	18:39
2025	Feb	03	(Mon)	06:19	06:41	107	12:29	62S	18:18	253	18:40
2025	Feb	04	(Tue)	06:19	06:41	106	12:29	62S	18:18	254	18:40
2025	Feb	05	(Wed)	06:18	06:40	106	12:29	62S	18:18	254	18:40
2025	Feb	06	(Thu)	06:18	06:40	106	12:29	63S	18:19	254	18:41
2025	Feb	07	(Fri)	06:18	06:40	105	12:29	63S	18:19	255	18:41
2025	Feb	08	(Sat)	06:18	06:40	105	12:29	63S	18:19	255	18:41
2025	Feb	09	(Sun)	06:18	06:39	105	12:29	63S	18:20	255	18:42
2025	Feb	10	(Mon)	06:17	06:39	105	12:30	64S	18:20	256	18:42
2025	Feb	11	(Tue)	06:17	06:39	104	12:30	64S	18:20	256	18:42
2025	Feb	12	(Wed)	06:17	06:39	104	12:30	64S	18:21	256	18:42
2025	Feb	13	(Thu)	06:16	06:38	103	12:29	65S	18:21	257	18:43
2025	Feb	14	(Fri)	06:16	06:38	103	12:29	65S	18:21	257	18:43
2025	Feb	15	(Sat)	06:16	06:37	103	12:29	65S	18:21	257	18:43
2025	Feb	16	(Sun)	06:15	06:37	102	12:29	66S	18:22	258	18:43
2025	Feb	17	(Mon)	06:15	06:37	102	12:29	66S	18:22	258	18:44
2025	Feb	18	(Tue)	06:15	06:36	102	12:29	67S	18:22	258	18:44
2025	Feb	19	(Wed)	06:14	06:36	101	12:29	67S	18:22	259	18:44
2025	Feb	20	(Thu)	06:14	06:35	101	12:29	67S	18:23	259	18:44
2025	Feb	21	(Fri)	06:14	06:35	101	12:29	68S	18:23	260	18:44
2025	Feb	22	(Sat)	06:13	06:35	100	12:29	68S	18:23	260	18:45
2025	Feb	23	(Sun)	06:13	06:34	100	12:29	68S	18:23	260	18:45
2025	Feb	24	(Mon)	06:12	06:34	100	12:28	69S	18:24	261	18:45
2025	Feb	25	(Tue)	06:12	06:33	99	12:28	69S	18:24	261	18:45
2025	Feb	26	(Wed)	06:11	06:33	99	12:28	69S	18:24	261	18:45
2025	Feb	27	(Thu)	06:11	06:32	98	12:28	70S	18:24	262	18:45
2025	Feb	28	(Fri)	06:10	06:32	98	12:28	70S	18:24	262	18:46
2025	Mar	01	(Sat)	06:10	06:31	98	12:28	71S	18:24	263	18:46
2025	Mar	02	(Sun)	06:09	06:31	97	12:27	71S	18:24	263	18:46
2025	Mar	03	(Mon)	06:09	06:30	97	12:27	71S	18:25	263	18:46
2025	Mar	04	(Tue)	06:08	06:29	96	12:27	72S	18:25	264	18:46
2025	Mar	05	(Wed)	06:08	06:29	96	12:27	72S	18:25	264	18:46
2025	Mar	06	(Thu)	06:07	06:28	96	12:27	72S	18:25	265	18:46
2025	Mar	07	(Fri)	06:06	06:28	95	12:26	73S	18:25	265	18:46
2025	Mar	08	(Sat)	06:06	06:27	95	12:26	73S	18:25	265	18:46
2025	Mar	09	(Sun)	06:05	06:27	94	12:26	74S	18:25	266	18:47
2025	Mar	10	(Mon)	06:05	06:26	94	12:26	74S	18:25	266	18:47
2025	Mar	11	(Tue)	06:04	06:25	94	12:25	74S	18:26	267	18:47
2025	Mar	12	(Wed)	06:03	06:25	93	12:25	75S	18:26	267	18:47
2025	Mar	13	(Thu)	06:03	06:24	93	12:25	75S	18:26	267	18:47
2025	Mar	14	(Fri)	06:02	06:23	92	12:25	76S	18:26	268	18:47
2025	Mar	15	(Sat)	06:02	06:23	92	12:24	76S	18:26	268	18:47
2025	Mar	16	(Sun)	06:01	06:22	92	12:24	76S	18:26	269	18:47
2025	Mar	17	(Mon)	06:00	06:22	91	12:24	77S	18:26	269	18:47
2025	Mar	18	(Tue)	06:00	06:21	91	12:23	77S	18:26	269	18:47
2025	Mar	19	(Wed)	05:59	06:20	90	12:23	78S	18:26	270	18:47
2025	Mar	20	(Thu)	05:58	06:20	90	12:23	78S	18:26	270	18:47

2025 Mar 21 (Fri)	05:58	06:19	90	12:22 78S	18:26 271	18:47
2025 Mar 22 (Sat)	05:57	06:18	89	12:22 79S	18:26 271	18:47
2025 Mar 23 (Sun)	05:56	06:18	89	12:22 79S	18:26 271	18:48
2025 Mar 24 (Mon)	05:56	06:17	88	12:22 80S	18:26 272	18:48
2025 Mar 25 (Tue)	05:55	06:16	88	12:21 80S	18:26 272	18:48
2025 Mar 26 (Wed)	05:54	06:16	88	12:21 80S	18:26 273	18:48
2025 Mar 27 (Thu)	05:54	06:15	87	12:21 81S	18:27 273	18:48
2025 Mar 28 (Fri)	05:53	06:14	87	12:20 81S	18:27 273	18:48
2025 Mar 29 (Sat)	05:52	06:14	86	12:20 82S	18:27 274	18:48
2025 Mar 30 (Sun)	05:52	06:13	86	12:20 82S	18:27 274	18:48
2025 Mar 31 (Mon)	05:51	06:12	86	12:19 82S	18:27 275	18:48
2025 Apr 01 (Tue)	05:50	06:12	85	12:19 83S	18:27 275	18:48
2025 Apr 02 (Wed)	05:50	06:11	85	12:19 83S	18:27 275	18:48
2025 Apr 03 (Thu)	05:49	06:10	84	12:19 83S	18:27 276	18:48
2025 Apr 04 (Fri)	05:49	06:10	84	12:18 84S	18:27 276	18:48
2025 Apr 05 (Sat)	05:48	06:09	84	12:18 84S	18:27 277	18:48
2025 Apr 06 (Sun)	05:47	06:09	83	12:18 85S	18:27 277	18:48
2025 Apr 07 (Mon)	05:47	06:08	83	12:17 85S	18:27 277	18:49
2025 Apr 08 (Tue)	05:46	06:07	82	12:17 85S	18:27 278	18:49
2025 Apr 09 (Wed)	05:45	06:07	82	12:17 86S	18:27 278	18:49
2025 Apr 10 (Thu)	05:45	06:06	82	12:17 86S	18:27 279	18:49
2025 Apr 11 (Fri)	05:44	06:05	81	12:16 86S	18:27 279	18:49
2025 Apr 12 (Sat)	05:43	06:05	81	12:16 87S	18:27 279	18:49
2025 Apr 13 (Sun)	05:43	06:04	81	12:16 87S	18:28 280	18:49
2025 Apr 14 (Mon)	05:42	06:04	80	12:16 88S	18:28 280	18:49
2025 Apr 15 (Tue)	05:42	06:03	80	12:15 88S	18:28 280	18:49
2025 Apr 16 (Wed)	05:41	06:03	79	12:15 88S	18:28 281	18:49
2025 Apr 17 (Thu)	05:40	06:02	79	12:15 89S	18:28 281	18:50
2025 Apr 18 (Fri)	05:40	06:01	79	12:15 89S	18:28 281	18:50
2025 Apr 19 (Sat)	05:39	06:01	78	12:14 89S	18:28 282	18:50
2025 Apr 20 (Sun)	05:39	06:00	78	12:14 90S	18:28 282	18:50
2025 Apr 21 (Mon)	05:38	06:00	78	12:14 90S	18:28 283	18:50
2025 Apr 22 (Tue)	05:38	05:59	77	12:14 90S	18:29 283	18:50
2025 Apr 23 (Wed)	05:37	05:59	77	12:14 91S	18:29 283	18:50
2025 Apr 24 (Thu)	05:36	05:58	77	12:13 90N	18:29 284	18:51
2025 Apr 25 (Fri)	05:36	05:58	76	12:13 90N	18:29 284	18:51
2025 Apr 26 (Sat)	05:35	05:57	76	12:13 90N	18:29 284	18:51
2025 Apr 27 (Sun)	05:35	05:57	76	12:13 89N	18:29 285	18:51
2025 Apr 28 (Mon)	05:34	05:56	75	12:13 89N	18:29 285	18:51
2025 Apr 29 (Tue)	05:34	05:56	75	12:13 89N	18:30 285	18:52
2025 Apr 30 (Wed)	05:33	05:55	75	12:13 89N	18:30 286	18:52
2025 May 01 (Thu)	05:33	05:55	74	12:12 88N	18:30 286	18:52
2025 May 02 (Fri)	05:33	05:55	74	12:12 88N	18:30 286	18:52
2025 May 03 (Sat)	05:32	05:54	74	12:12 88N	18:30 286	18:52
2025 May 04 (Sun)	05:32	05:54	73	12:12 87N	18:30 287	18:53
2025 May 05 (Mon)	05:31	05:53	73	12:12 87N	18:31 287	18:53
2025 May 06 (Tue)	05:31	05:53	73	12:12 87N	18:31 287	18:53
2025 May 07 (Wed)	05:30	05:53	73	12:12 86N	18:31 288	18:53
2025 May 08 (Thu)	05:30	05:52	72	12:12 86N	18:31 288	18:54
2025 May 09 (Fri)	05:30	05:52	72	12:12 86N	18:32 288	18:54
2025 May 10 (Sat)	05:29	05:52	72	12:12 86N	18:32 288	18:54
2025 May 11 (Sun)	05:29	05:52	71	12:12 85N	18:32 289	18:54
2025 May 12 (Mon)	05:29	05:51	71	12:12 85N	18:32 289	18:55
2025 May 13 (Tue)	05:28	05:51	71	12:12 85N	18:32 289	18:55
2025 May 14 (Wed)	05:28	05:51	71	12:12 85N	18:33 289	18:55
2025 May 15 (Thu)	05:28	05:50	70	12:12 84N	18:33 290	18:56
2025 May 16 (Fri)	05:28	05:50	70	12:12 84N	18:33 290	18:56
2025 May 17 (Sat)	05:27	05:50	70	12:12 84N	18:33 290	18:56
2025 May 18 (Sun)	05:27	05:50	70	12:12 84N	18:34 290	18:56
2025 May 19 (Mon)	05:27	05:50	70	12:12 84N	18:34 291	18:57
2025 May 20 (Tue)	05:27	05:50	69	12:12 83N	18:34 291	18:57
2025 May 21 (Wed)	05:27	05:49	69	12:12 83N	18:35 291	18:57
2025 May 22 (Thu)	05:26	05:49	69	12:12 83N	18:35 291	18:58
2025 May 23 (Fri)	05:26	05:49	69	12:12 83N	18:35 291	18:58
2025 May 24 (Sat)	05:26	05:49	68	12:12 83N	18:35 292	18:58
2025 May 25 (Sun)	05:26	05:49	68	12:12 82N	18:36 292	18:59
2025 May 26 (Mon)	05:26	05:49	68	12:12 82N	18:36 292	18:59

2025	May	27	(Tue)	05:26	05:49	68	12:12	82N	18:36	292	18:59
2025	May	28	(Wed)	05:26	05:49	68	12:13	82N	18:37	292	19:00
2025	May	29	(Thu)	05:26	05:49	68	12:13	82N	18:37	292	19:00
2025	May	30	(Fri)	05:26	05:49	67	12:13	82N	18:37	293	19:00
2025	May	31	(Sat)	05:26	05:49	67	12:13	81N	18:38	293	19:01
2025	Jun	01	(Sun)	05:25	05:49	67	12:13	81N	18:38	293	19:01
2025	Jun	02	(Mon)	05:25	05:49	67	12:13	81N	18:38	293	19:01
2025	Jun	03	(Tue)	05:25	05:49	67	12:13	81N	18:38	293	19:02
2025	Jun	04	(Wed)	05:25	05:49	67	12:14	81N	18:39	293	19:02
2025	Jun	05	(Thu)	05:26	05:49	67	12:14	81N	18:39	293	19:02
2025	Jun	06	(Fri)	05:26	05:49	67	12:14	81N	18:39	294	19:03
2025	Jun	07	(Sat)	05:26	05:49	66	12:14	81N	18:40	294	19:03
2025	Jun	08	(Sun)	05:26	05:49	66	12:14	80N	18:40	294	19:03
2025	Jun	09	(Mon)	05:26	05:49	66	12:15	80N	18:40	294	19:03
2025	Jun	10	(Tue)	05:26	05:49	66	12:15	80N	18:40	294	19:04
2025	Jun	11	(Wed)	05:26	05:49	66	12:15	80N	18:41	294	19:04
2025	Jun	12	(Thu)	05:26	05:49	66	12:15	80N	18:41	294	19:04
2025	Jun	13	(Fri)	05:26	05:50	66	12:15	80N	18:41	294	19:05
2025	Jun	14	(Sat)	05:26	05:50	66	12:16	80N	18:42	294	19:05
2025	Jun	15	(Sun)	05:27	05:50	66	12:16	80N	18:42	294	19:05
2025	Jun	16	(Mon)	05:27	05:50	66	12:16	80N	18:42	294	19:05
2025	Jun	17	(Tue)	05:27	05:50	66	12:16	80N	18:42	294	19:06
2025	Jun	18	(Wed)	05:27	05:50	66	12:16	80N	18:43	294	19:06
2025	Jun	19	(Thu)	05:27	05:51	66	12:17	80N	18:43	294	19:06
2025	Jun	20	(Fri)	05:27	05:51	66	12:17	80N	18:43	294	19:06
2025	Jun	21	(Sat)	05:28	05:51	66	12:17	80N	18:43	294	19:07
2025	Jun	22	(Sun)	05:28	05:51	66	12:17	80N	18:43	294	19:07
2025	Jun	23	(Mon)	05:28	05:51	66	12:18	80N	18:44	294	19:07
2025	Jun	24	(Tue)	05:28	05:52	66	12:18	80N	18:44	294	19:07
2025	Jun	25	(Wed)	05:29	05:52	66	12:18	80N	18:44	294	19:07
2025	Jun	26	(Thu)	05:29	05:52	66	12:18	80N	18:44	294	19:08
2025	Jun	27	(Fri)	05:29	05:52	66	12:18	80N	18:44	294	19:08
2025	Jun	28	(Sat)	05:29	05:53	66	12:19	80N	18:45	294	19:08
2025	Jun	29	(Sun)	05:30	05:53	66	12:19	80N	18:45	294	19:08
2025	Jun	30	(Mon)	05:30	05:53	66	12:19	80N	18:45	294	19:08
2025	Jul	01	(Tue)	05:30	05:54	66	12:19	80N	18:45	294	19:08
2025	Jul	02	(Wed)	05:30	05:54	66	12:19	80N	18:45	294	19:08
2025	Jul	03	(Thu)	05:31	05:54	66	12:20	80N	18:45	294	19:08
2025	Jul	04	(Fri)	05:31	05:54	66	12:20	81N	18:45	294	19:08
2025	Jul	05	(Sat)	05:31	05:55	66	12:20	81N	18:45	294	19:09
2025	Jul	06	(Sun)	05:32	05:55	67	12:20	81N	18:45	293	19:09
2025	Jul	07	(Mon)	05:32	05:55	67	12:20	81N	18:45	293	19:09
2025	Jul	08	(Tue)	05:32	05:55	67	12:20	81N	18:45	293	19:09
2025	Jul	09	(Wed)	05:33	05:56	67	12:21	81N	18:45	293	19:09
2025	Jul	10	(Thu)	05:33	05:56	67	12:21	81N	18:45	293	19:09
2025	Jul	11	(Fri)	05:33	05:56	67	12:21	81N	18:45	293	19:09
2025	Jul	12	(Sat)	05:33	05:57	67	12:21	81N	18:45	293	19:08
2025	Jul	13	(Sun)	05:34	05:57	67	12:21	82N	18:45	293	19:08
2025	Jul	14	(Mon)	05:34	05:57	68	12:21	82N	18:45	292	19:08
2025	Jul	15	(Tue)	05:34	05:57	68	12:21	82N	18:45	292	19:08
2025	Jul	16	(Wed)	05:35	05:58	68	12:21	82N	18:45	292	19:08
2025	Jul	17	(Thu)	05:35	05:58	68	12:22	82N	18:45	292	19:08
2025	Jul	18	(Fri)	05:35	05:58	68	12:22	82N	18:45	292	19:08
2025	Jul	19	(Sat)	05:35	05:58	68	12:22	83N	18:45	291	19:08
2025	Jul	20	(Sun)	05:36	05:59	69	12:22	83N	18:45	291	19:08
2025	Jul	21	(Mon)	05:36	05:59	69	12:22	83N	18:45	291	19:07
2025	Jul	22	(Tue)	05:36	05:59	69	12:22	83N	18:44	291	19:07
2025	Jul	23	(Wed)	05:37	05:59	69	12:22	83N	18:44	291	19:07
2025	Jul	24	(Thu)	05:37	06:00	69	12:22	84N	18:44	290	19:07
2025	Jul	25	(Fri)	05:37	06:00	70	12:22	84N	18:44	290	19:06
2025	Jul	26	(Sat)	05:37	06:00	70	12:22	84N	18:44	290	19:06
2025	Jul	27	(Sun)	05:38	06:00	70	12:22	84N	18:43	290	19:06
2025	Jul	28	(Mon)	05:38	06:01	70	12:22	84N	18:43	290	19:06
2025	Jul	29	(Tue)	05:38	06:01	71	12:22	85N	18:43	289	19:05
2025	Jul	30	(Wed)	05:38	06:01	71	12:22	85N	18:42	289	19:05
2025	Jul	31	(Thu)	05:39	06:01	71	12:22	85N	18:42	289	19:05
2025	Aug	01	(Fri)	05:39	06:01	71	12:22	85N	18:42	289	19:04

2025	Aug	02	(Sat)	05:39	06:02	72	12:22	86N	18:42	288	19:04
2025	Aug	03	(Sun)	05:39	06:02	72	12:22	86N	18:41	288	19:04
2025	Aug	04	(Mon)	05:40	06:02	72	12:21	86N	18:41	288	19:03
2025	Aug	05	(Tue)	05:40	06:02	72	12:21	86N	18:40	287	19:03
2025	Aug	06	(Wed)	05:40	06:02	73	12:21	87N	18:40	287	19:02
2025	Aug	07	(Thu)	05:40	06:02	73	12:21	87N	18:40	287	19:02
2025	Aug	08	(Fri)	05:40	06:03	73	12:21	87N	18:39	287	19:01
2025	Aug	09	(Sat)	05:41	06:03	74	12:21	88N	18:39	286	19:01
2025	Aug	10	(Sun)	05:41	06:03	74	12:21	88N	18:38	286	19:00
2025	Aug	11	(Mon)	05:41	06:03	74	12:21	88N	18:38	286	19:00
2025	Aug	12	(Tue)	05:41	06:03	74	12:20	88N	18:37	285	19:00
2025	Aug	13	(Wed)	05:41	06:03	75	12:20	89N	18:37	285	18:59
2025	Aug	14	(Thu)	05:41	06:03	75	12:20	89N	18:36	285	18:58
2025	Aug	15	(Fri)	05:42	06:04	75	12:20	89N	18:36	284	18:58
2025	Aug	16	(Sat)	05:42	06:04	76	12:20	90N	18:35	284	18:57
2025	Aug	17	(Sun)	05:42	06:04	76	12:19	90N	18:35	284	18:57
2025	Aug	18	(Mon)	05:42	06:04	76	12:19	90N	18:34	283	18:56
2025	Aug	19	(Tue)	05:42	06:04	77	12:19	91N	18:34	283	18:56
2025	Aug	20	(Wed)	05:42	06:04	77	12:19	90S	18:33	283	18:55
2025	Aug	21	(Thu)	05:42	06:04	77	12:18	90S	18:33	282	18:55
2025	Aug	22	(Fri)	05:42	06:04	78	12:18	90S	18:32	282	18:54
2025	Aug	23	(Sat)	05:42	06:04	78	12:18	89S	18:32	282	18:53
2025	Aug	24	(Sun)	05:43	06:04	78	12:18	89S	18:31	281	18:53
2025	Aug	25	(Mon)	05:43	06:04	79	12:17	89S	18:30	281	18:52
2025	Aug	26	(Tue)	05:43	06:04	79	12:17	88S	18:30	281	18:51
2025	Aug	27	(Wed)	05:43	06:04	80	12:17	88S	18:29	280	18:51
2025	Aug	28	(Thu)	05:43	06:04	80	12:17	88S	18:29	280	18:50
2025	Aug	29	(Fri)	05:43	06:04	80	12:16	87S	18:28	280	18:49
2025	Aug	30	(Sat)	05:43	06:04	81	12:16	87S	18:27	279	18:49
2025	Aug	31	(Sun)	05:43	06:05	81	12:16	87S	18:27	279	18:48
2025	Sep	01	(Mon)	05:43	06:05	81	12:15	86S	18:26	278	18:47
2025	Sep	02	(Tue)	05:43	06:05	82	12:15	86S	18:25	278	18:47
2025	Sep	03	(Wed)	05:43	06:05	82	12:15	86S	18:25	278	18:46
2025	Sep	04	(Thu)	05:43	06:05	82	12:14	85S	18:24	277	18:45
2025	Sep	05	(Fri)	05:43	06:05	83	12:14	85S	18:23	277	18:45
2025	Sep	06	(Sat)	05:43	06:05	83	12:14	84S	18:23	277	18:44
2025	Sep	07	(Sun)	05:43	06:05	84	12:13	84S	18:22	276	18:43
2025	Sep	08	(Mon)	05:43	06:05	84	12:13	84S	18:21	276	18:43
2025	Sep	09	(Tue)	05:43	06:05	84	12:13	83S	18:21	275	18:42
2025	Sep	10	(Wed)	05:43	06:05	85	12:12	83S	18:20	275	18:41
2025	Sep	11	(Thu)	05:43	06:05	85	12:12	83S	18:19	275	18:40
2025	Sep	12	(Fri)	05:43	06:05	86	12:12	82S	18:19	274	18:40
2025	Sep	13	(Sat)	05:43	06:05	86	12:11	82S	18:18	274	18:39
2025	Sep	14	(Sun)	05:43	06:05	86	12:11	81S	18:17	273	18:38
2025	Sep	15	(Mon)	05:43	06:05	87	12:11	81S	18:16	273	18:38
2025	Sep	16	(Tue)	05:43	06:05	87	12:10	81S	18:16	273	18:37
2025	Sep	17	(Wed)	05:43	06:05	88	12:10	80S	18:15	272	18:36
2025	Sep	18	(Thu)	05:43	06:04	88	12:09	80S	18:14	272	18:35
2025	Sep	19	(Fri)	05:43	06:04	88	12:09	79S	18:14	271	18:35
2025	Sep	20	(Sat)	05:43	06:04	89	12:09	79S	18:13	271	18:34
2025	Sep	21	(Sun)	05:43	06:04	89	12:08	79S	18:12	271	18:33
2025	Sep	22	(Mon)	05:43	06:04	89	12:08	78S	18:11	270	18:33
2025	Sep	23	(Tue)	05:43	06:04	90	12:08	78S	18:11	270	18:32
2025	Sep	24	(Wed)	05:43	06:04	90	12:07	77S	18:10	270	18:31
2025	Sep	25	(Thu)	05:43	06:04	91	12:07	77S	18:09	269	18:31
2025	Sep	26	(Fri)	05:43	06:04	91	12:07	77S	18:09	269	18:30
2025	Sep	27	(Sat)	05:43	06:04	91	12:06	76S	18:08	268	18:29
2025	Sep	28	(Sun)	05:43	06:04	92	12:06	76S	18:07	268	18:29
2025	Sep	29	(Mon)	05:43	06:05	92	12:06	76S	18:07	268	18:28
2025	Sep	30	(Tue)	05:43	06:05	93	12:05	75S	18:06	267	18:27
2025	Oct	01	(Wed)	05:43	06:05	93	12:05	75S	18:05	267	18:26
2025	Oct	02	(Thu)	05:43	06:05	93	12:05	74S	18:05	266	18:26
2025	Oct	03	(Fri)	05:43	06:05	94	12:04	74S	18:04	266	18:25
2025	Oct	04	(Sat)	05:43	06:05	94	12:04	74S	18:03	266	18:25
2025	Oct	05	(Sun)	05:43	06:05	95	12:04	73S	18:03	265	18:24
2025	Oct	06	(Mon)	05:43	06:05	95	12:03	73S	18:02	265	18:23
2025	Oct	07	(Tue)	05:44	06:05	95	12:03	72S	18:01	264	18:23

2025	Oct	08	(Wed)	05:44	06:05	96	12:03	72S	18:01	264	18:22
2025	Oct	09	(Thu)	05:44	06:05	96	12:03	72S	18:00	264	18:21
2025	Oct	10	(Fri)	05:44	06:05	97	12:02	71S	18:00	263	18:21
2025	Oct	11	(Sat)	05:44	06:05	97	12:02	71S	17:59	263	18:20
2025	Oct	12	(Sun)	05:44	06:05	97	12:02	71S	17:58	262	18:20
2025	Oct	13	(Mon)	05:44	06:05	98	12:02	70S	17:58	262	18:19
2025	Oct	14	(Tue)	05:44	06:05	98	12:01	70S	17:57	262	18:19
2025	Oct	15	(Wed)	05:44	06:05	99	12:01	69S	17:57	261	18:18
2025	Oct	16	(Thu)	05:44	06:06	99	12:01	69S	17:56	261	18:17
2025	Oct	17	(Fri)	05:44	06:06	99	12:01	69S	17:56	261	18:17
2025	Oct	18	(Sat)	05:44	06:06	100	12:00	68S	17:55	260	18:16
2025	Oct	19	(Sun)	05:44	06:06	100	12:00	68S	17:55	260	18:16
2025	Oct	20	(Mon)	05:45	06:06	100	12:00	68S	17:54	259	18:16
2025	Oct	21	(Tue)	05:45	06:06	101	12:00	67S	17:54	259	18:15
2025	Oct	22	(Wed)	05:45	06:06	101	12:00	67S	17:53	259	18:15
2025	Oct	23	(Thu)	05:45	06:07	102	12:00	67S	17:53	258	18:14
2025	Oct	24	(Fri)	05:45	06:07	102	12:00	66S	17:52	258	18:14
2025	Oct	25	(Sat)	05:45	06:07	102	11:59	66S	17:52	258	18:13
2025	Oct	26	(Sun)	05:46	06:07	103	11:59	66S	17:51	257	18:13
2025	Oct	27	(Mon)	05:46	06:07	103	11:59	65S	17:51	257	18:13
2025	Oct	28	(Tue)	05:46	06:08	103	11:59	65S	17:50	257	18:12
2025	Oct	29	(Wed)	05:46	06:08	104	11:59	65S	17:50	256	18:12
2025	Oct	30	(Thu)	05:46	06:08	104	11:59	64S	17:50	256	18:12
2025	Oct	31	(Fri)	05:47	06:08	104	11:59	64S	17:49	256	18:11
2025	Nov	01	(Sat)	05:47	06:09	105	11:59	64S	17:49	255	18:11
2025	Nov	02	(Sun)	05:47	06:09	105	11:59	63S	17:49	255	18:11
2025	Nov	03	(Mon)	05:47	06:09	105	11:59	63S	17:48	255	18:10
2025	Nov	04	(Tue)	05:48	06:09	106	11:59	63S	17:48	254	18:10
2025	Nov	05	(Wed)	05:48	06:10	106	11:59	62S	17:48	254	18:10
2025	Nov	06	(Thu)	05:48	06:10	106	11:59	62S	17:48	254	18:10
2025	Nov	07	(Fri)	05:48	06:10	106	11:59	62S	17:47	253	18:09
2025	Nov	08	(Sat)	05:49	06:11	107	11:59	61S	17:47	253	18:09
2025	Nov	09	(Sun)	05:49	06:11	107	11:59	61S	17:47	253	18:09
2025	Nov	10	(Mon)	05:49	06:11	107	11:59	61S	17:47	252	18:09
2025	Nov	11	(Tue)	05:50	06:12	108	11:59	61S	17:47	252	18:09
2025	Nov	12	(Wed)	05:50	06:12	108	11:59	60S	17:47	252	18:09
2025	Nov	13	(Thu)	05:50	06:13	108	12:00	60S	17:46	252	18:09
2025	Nov	14	(Fri)	05:51	06:13	108	12:00	60S	17:46	251	18:09
2025	Nov	15	(Sat)	05:51	06:13	109	12:00	60S	17:46	251	18:09
2025	Nov	16	(Sun)	05:52	06:14	109	12:00	59S	17:46	251	18:08
2025	Nov	17	(Mon)	05:52	06:14	109	12:00	59S	17:46	251	18:08
2025	Nov	18	(Tue)	05:52	06:15	110	12:00	59S	17:46	250	18:08
2025	Nov	19	(Wed)	05:53	06:15	110	12:01	59S	17:46	250	18:09
2025	Nov	20	(Thu)	05:53	06:16	110	12:01	58S	17:46	250	18:09
2025	Nov	21	(Fri)	05:54	06:16	110	12:01	58S	17:46	250	18:09
2025	Nov	22	(Sat)	05:54	06:17	110	12:01	58S	17:46	249	18:09
2025	Nov	23	(Sun)	05:55	06:17	111	12:02	58S	17:46	249	18:09
2025	Nov	24	(Mon)	05:55	06:18	111	12:02	57S	17:46	249	18:09
2025	Nov	25	(Tue)	05:55	06:18	111	12:02	57S	17:46	249	18:09
2025	Nov	26	(Wed)	05:56	06:19	111	12:03	57S	17:47	249	18:09
2025	Nov	27	(Thu)	05:56	06:19	111	12:03	57S	17:47	248	18:09
2025	Nov	28	(Fri)	05:57	06:20	112	12:03	57S	17:47	248	18:10
2025	Nov	29	(Sat)	05:57	06:20	112	12:04	57S	17:47	248	18:10
2025	Nov	30	(Sun)	05:58	06:21	112	12:04	56S	17:47	248	18:10
2025	Dec	01	(Mon)	05:58	06:21	112	12:04	56S	17:47	248	18:10
2025	Dec	02	(Tue)	05:59	06:22	112	12:05	56S	17:48	248	18:10
2025	Dec	03	(Wed)	05:59	06:22	112	12:05	56S	17:48	247	18:11
2025	Dec	04	(Thu)	06:00	06:23	113	12:05	56S	17:48	247	18:11
2025	Dec	05	(Fri)	06:00	06:23	113	12:06	56S	17:48	247	18:11
2025	Dec	06	(Sat)	06:01	06:24	113	12:06	56S	17:49	247	18:12
2025	Dec	07	(Sun)	06:01	06:24	113	12:07	55S	17:49	247	18:12
2025	Dec	08	(Mon)	06:02	06:25	113	12:07	55S	17:49	247	18:12
2025	Dec	09	(Tue)	06:03	06:25	113	12:08	55S	17:50	247	18:13
2025	Dec	10	(Wed)	06:03	06:26	113	12:08	55S	17:50	247	18:13
2025	Dec	11	(Thu)	06:04	06:27	113	12:09	55S	17:50	247	18:13
2025	Dec	12	(Fri)	06:04	06:27	113	12:09	55S	17:51	246	18:14
2025	Dec	13	(Sat)	06:05	06:28	114	12:09	55S	17:51	246	18:14

2025	Dec 14	(Sun)	06:05	06:28	114	12:10	55S	17:52	246	18:15
2025	Dec 15	(Mon)	06:06	06:29	114	12:10	55S	17:52	246	18:15
2025	Dec 16	(Tue)	06:06	06:29	114	12:11	55S	17:53	246	18:16
2025	Dec 17	(Wed)	06:07	06:30	114	12:11	55S	17:53	246	18:16
2025	Dec 18	(Thu)	06:07	06:30	114	12:12	55S	17:53	246	18:16
2025	Dec 19	(Fri)	06:08	06:31	114	12:12	55S	17:54	246	18:17
2025	Dec 20	(Sat)	06:08	06:31	114	12:13	55S	17:54	246	18:17
2025	Dec 21	(Sun)	06:09	06:32	114	12:13	55S	17:55	246	18:18
2025	Dec 22	(Mon)	06:09	06:32	114	12:14	55S	17:55	246	18:18
2025	Dec 23	(Tue)	06:10	06:33	114	12:14	55S	17:56	246	18:19
2025	Dec 24	(Wed)	06:10	06:33	114	12:15	55S	17:56	246	18:19
2025	Dec 25	(Thu)	06:11	06:34	114	12:15	55S	17:57	246	18:20
2025	Dec 26	(Fri)	06:11	06:34	114	12:16	55S	17:57	246	18:21
2025	Dec 27	(Sat)	06:12	06:35	114	12:16	55S	17:58	246	18:21
2025	Dec 28	(Sun)	06:12	06:35	114	12:17	55S	17:59	246	18:22
2025	Dec 29	(Mon)	06:13	06:36	114	12:17	55S	17:59	246	18:22
2025	Dec 30	(Tue)	06:13	06:36	114	12:18	55S	18:00	246	18:23
2025	Dec 31	(Wed)	06:13	06:36	114	12:18	55S	18:00	247	18:23

Moon

Rayong

Location: E101°10'12.0", N12°38'41.9", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025 Jan 01 (Wed)	07:46	116		13:33	52S		19:22	245	
2025 Jan 02 (Thu)	08:37	113		14:28	57S		20:21	250	
2025 Jan 03 (Fri)	09:24	107		15:19	62S		21:18	255	
2025 Jan 04 (Sat)	10:07	101		16:08	68S		22:12	262	
2025 Jan 05 (Sun)	10:49	94		16:56	75S		23:06	269	
2025 Jan 06 (Mon)	11:29	87		17:43	82S		24:00	276	
2025 Jan 07 (Tue)	12:11	80		18:31	89S				
2025 Jan 08 (Wed)	12:54	74		19:22	86N		00:55	283	
2025 Jan 09 (Thu)	13:42	68		20:16	81N		01:52	289	
2025 Jan 10 (Fri)	14:35	64		21:14	77N		02:53	294	
2025 Jan 11 (Sat)	15:32	61		22:15	75N		03:56	298	
2025 Jan 12 (Sun)	16:33	61		23:17	75N		04:59	299	
2025 Jan 13 (Mon)	17:35	62					06:00	299	
2025 Jan 14 (Tue)	18:34	65		00:16	77N		06:55	296	
2025 Jan 15 (Wed)	19:31	70		01:11	80N		07:45	292	
2025 Jan 16 (Thu)	20:23	75		02:01	85N		08:29	288	
2025 Jan 17 (Fri)	21:11	81		02:47	90N		09:09	282	
2025 Jan 18 (Sat)	21:58	87		03:30	85S		09:45	276	
2025 Jan 19 (Sun)	22:42	93		04:10	79S		10:19	270	
2025 Jan 20 (Mon)	23:27	99		04:49	73S		10:53	264	
2025 Jan 21 (Tue)				05:29	68S		11:28	258	
2025 Jan 22 (Wed)	00:13	104		06:10	62S		12:04	253	
2025 Jan 23 (Thu)	01:01	110		06:53	58S		12:43	248	
2025 Jan 24 (Fri)	01:51	114		07:40	54S		13:27	245	
2025 Jan 25 (Sat)	02:45	117		08:31	51S		14:16	242	
2025 Jan 26 (Sun)	03:41	119		09:25	49S		15:10	241	
2025 Jan 27 (Mon)	04:38	119		10:22	49S		16:08	241	
2025 Jan 28 (Tue)	05:34	118		11:20	51S		17:08	244	
2025 Jan 29 (Wed)	06:27	114		12:17	55S		18:08	248	
2025 Jan 30 (Thu)	07:17	110		13:11	60S		19:07	253	
2025 Jan 31 (Fri)	08:03	104		14:02	66S		20:05	260	
2025 Feb 01 (Sat)	08:46	97		14:51	73S		21:00	267	
2025 Feb 02 (Sun)	09:28	89		15:40	80S		21:55	274	
2025 Feb 03 (Mon)	10:10	82		16:28	87S		22:50	281	
2025 Feb 04 (Tue)	10:53	76		17:19	88N		23:48	288	
2025 Feb 05 (Wed)	11:40	70		18:12	82N				
2025 Feb 06 (Thu)	12:30	65		19:08	78N		00:47	293	

2025 Feb 07 (Fri)	13:25	62	20:07	75N	01:49	297
2025 Feb 08 (Sat)	14:24	61	21:07	74N	02:51	299
2025 Feb 09 (Sun)	15:24	61	22:06	76N	03:51	299
2025 Feb 10 (Mon)	16:24	64	23:02	79N	04:47	297
2025 Feb 11 (Tue)	17:20	68	23:53	83N	05:38	294
2025 Feb 12 (Wed)	18:14	73			06:23	290
2025 Feb 13 (Thu)	19:03	79	00:40	88N	07:04	284
2025 Feb 14 (Fri)	19:50	85	01:24	88S	07:42	278
2025 Feb 15 (Sat)	20:36	91	02:05	82S	08:17	272
2025 Feb 16 (Sun)	21:21	97	02:45	76S	08:51	266
2025 Feb 17 (Mon)	22:06	102	03:24	70S	09:25	260
2025 Feb 18 (Tue)	22:53	108	04:05	64S	10:01	255
2025 Feb 19 (Wed)	23:42	112	04:47	59S	10:39	250
2025 Feb 20 (Thu)			05:32	55S	11:20	246
2025 Feb 21 (Fri)	00:33	116	06:20	52S	12:06	243
2025 Feb 22 (Sat)	01:27	118	07:12	49S	12:56	241
2025 Feb 23 (Sun)	02:23	119	08:07	49S	13:52	241
2025 Feb 24 (Mon)	03:19	119	09:04	50S	14:50	242
2025 Feb 25 (Tue)	04:13	116	10:01	53S	15:50	245
2025 Feb 26 (Wed)	05:04	112	10:56	57S	16:50	250
2025 Feb 27 (Thu)	05:52	107	11:49	63S	17:49	256
2025 Feb 28 (Fri)	06:38	100	12:40	70S	18:46	264
2025 Mar 01 (Sat)	07:21	93	13:30	77S	19:43	271
2025 Mar 02 (Sun)	08:04	85	14:20	85S	20:40	279
2025 Mar 03 (Mon)	08:48	78	15:12	90N	21:39	286
2025 Mar 04 (Tue)	09:35	71	16:06	84N	22:39	291
2025 Mar 05 (Wed)	10:26	66	17:02	79N	23:42	296
2025 Mar 06 (Thu)	11:20	63	18:02	76N		
2025 Mar 07 (Fri)	12:18	61	19:02	74N	00:45	299
2025 Mar 08 (Sat)	13:18	61	20:01	75N	01:46	299
2025 Mar 09 (Sun)	14:18	63	20:57	77N	02:43	298
2025 Mar 10 (Mon)	15:14	66	21:49	81N	03:35	295
2025 Mar 11 (Tue)	16:08	71	22:37	86N	04:21	291
2025 Mar 12 (Wed)	16:58	76	23:21	90S	05:03	286
2025 Mar 13 (Thu)	17:46	82			05:41	281
2025 Mar 14 (Fri)	18:31	88	00:02	84S	06:16	275
2025 Mar 15 (Sat)	19:16	94	00:42	78S	06:50	269
2025 Mar 16 (Sun)	20:01	100	01:22	72S	07:25	263
2025 Mar 17 (Mon)	20:48	106	02:02	66S	07:59	257
2025 Mar 18 (Tue)	21:36	111	02:43	61S	08:36	252
2025 Mar 19 (Wed)	22:26	115	03:27	56S	09:16	247
2025 Mar 20 (Thu)	23:18	118	04:14	53S	10:00	244
2025 Mar 21 (Fri)			05:04	50S	10:48	241
2025 Mar 22 (Sat)	00:13	119	05:56	49S	11:40	240
2025 Mar 23 (Sun)	01:07	119	06:51	49S	12:36	241
2025 Mar 24 (Mon)	02:01	118	07:47	51S	13:34	244
2025 Mar 25 (Tue)	02:52	114	08:41	55S	14:33	248
2025 Mar 26 (Wed)	03:40	110	09:34	60S	15:31	253
2025 Mar 27 (Thu)	04:26	104	10:25	66S	16:28	260
2025 Mar 28 (Fri)	05:10	97	11:16	73S	17:25	267
2025 Mar 29 (Sat)	05:53	89	12:06	81S	18:23	275
2025 Mar 30 (Sun)	06:38	82	12:58	88S	19:22	282
2025 Mar 31 (Mon)	07:25	74	13:53	86N	20:24	289
2025 Apr 01 (Tue)	08:15	68	14:50	81N	21:28	294
2025 Apr 02 (Wed)	09:11	64	15:51	77N	22:33	298
2025 Apr 03 (Thu)	10:10	61	16:53	75N	23:37	299
2025 Apr 04 (Fri)	11:11	61	17:55	75N		
2025 Apr 05 (Sat)	12:12	62	18:53	77N	00:38	299
2025 Apr 06 (Sun)	13:10	65	19:46	80N	01:32	296
2025 Apr 07 (Mon)	14:05	69	20:35	84N	02:20	293
2025 Apr 08 (Tue)	14:55	75	21:20	90N	03:03	288
2025 Apr 09 (Wed)	15:43	80	22:02	86S	03:42	282
2025 Apr 10 (Thu)	16:29	86	22:42	80S	04:18	277
2025 Apr 11 (Fri)	17:14	92	23:21	74S	04:52	271
2025 Apr 12 (Sat)	17:58	98			05:25	265
2025 Apr 13 (Sun)	18:44	104	00:00	68S	06:00	259
2025 Apr 14 (Mon)	19:31	109	00:41	63S	06:36	253

2025 Apr 15 (Tue)	20:21 113	01:24 58S	07:15 249
2025 Apr 16 (Wed)	21:13 117	02:10 54S	07:57 245
2025 Apr 17 (Thu)	22:06 119	02:59 51S	08:44 242
2025 Apr 18 (Fri)	23:00 119	03:50 49S	09:34 241
2025 Apr 19 (Sat)	23:53 118	04:44 49S	10:28 241
2025 Apr 20 (Sun)		05:38 50S	11:24 243
2025 Apr 21 (Mon)	00:44 116	06:31 53S	12:21 246
2025 Apr 22 (Tue)	01:32 112	07:23 57S	13:17 251
2025 Apr 23 (Wed)	02:17 106	08:13 63S	14:13 256
2025 Apr 24 (Thu)	03:00 100	09:02 70S	15:08 263
2025 Apr 25 (Fri)	03:43 93	09:52 77S	16:04 271
2025 Apr 26 (Sat)	04:26 86	10:42 84S	17:02 278
2025 Apr 27 (Sun)	05:11 78	11:35 90N	18:02 285
2025 Apr 28 (Mon)	06:00 71	12:31 84N	19:06 292
2025 Apr 29 (Tue)	06:54 66	13:32 78N	20:13 296
2025 Apr 30 (Wed)	07:53 62	14:36 75N	21:20 299
2025 May 01 (Thu)	08:56 61	15:41 75N	22:25 299
2025 May 02 (Fri)	10:00 61	16:43 76N	23:24 297
2025 May 03 (Sat)	11:01 64	17:40 79N	
2025 May 04 (Sun)	11:59 68	18:31 83N	00:16 294
2025 May 05 (Mon)	12:52 73	19:18 88N	01:01 289
2025 May 06 (Tue)	13:41 79	20:01 88S	01:42 284
2025 May 07 (Wed)	14:27 85	20:42 82S	02:19 278
2025 May 08 (Thu)	15:12 91	21:21 76S	02:53 272
2025 May 09 (Fri)	15:56 97	22:00 70S	03:27 266
2025 May 10 (Sat)	16:42 102	22:40 64S	04:01 261
2025 May 11 (Sun)	17:28 108	23:22 59S	04:36 255
2025 May 12 (Mon)	18:17 112		05:14 250
2025 May 13 (Tue)	19:08 116	00:07 55S	05:56 246
2025 May 14 (Wed)	20:02 118	00:55 52S	06:41 243
2025 May 15 (Thu)	20:56 119	01:46 50S	07:31 241
2025 May 16 (Fri)	21:49 119	02:39 49S	08:23 241
2025 May 17 (Sat)	22:40 117	03:33 50S	09:19 242
2025 May 18 (Sun)	23:28 113	04:26 52S	10:15 245
2025 May 19 (Mon)		05:18 56S	11:10 249
2025 May 20 (Tue)	00:13 108	06:07 61S	12:04 254
2025 May 21 (Wed)	00:55 102	06:55 67S	12:58 261
2025 May 22 (Thu)	01:36 96	07:42 74S	13:51 268
2025 May 23 (Fri)	02:18 89	08:30 81S	14:46 275
2025 May 24 (Sat)	03:00 82	09:20 88S	15:43 282
2025 May 25 (Sun)	03:46 75	10:14 87N	16:45 289
2025 May 26 (Mon)	04:37 69	11:12 81N	17:50 294
2025 May 27 (Tue)	05:34 64	12:14 77N	18:57 298
2025 May 28 (Wed)	06:36 61	13:20 75N	20:05 299
2025 May 29 (Thu)	07:41 61	14:25 75N	21:08 298
2025 May 30 (Fri)	08:45 63	15:26 77N	22:05 296
2025 May 31 (Sat)	09:46 66	16:22 81N	22:55 291
2025 Jun 01 (Sun)	10:43 71	17:12 86N	23:38 286
2025 Jun 02 (Mon)	11:35 77	17:57 90S	
2025 Jun 03 (Tue)	12:23 83	18:39 84S	00:17 280
2025 Jun 04 (Wed)	13:09 89	19:19 78S	00:53 274
2025 Jun 05 (Thu)	13:53 95	19:59 72S	01:27 268
2025 Jun 06 (Fri)	14:38 101	20:39 66S	02:01 262
2025 Jun 07 (Sat)	15:25 106	21:20 61S	02:36 257
2025 Jun 08 (Sun)	16:13 111	22:04 56S	03:13 252
2025 Jun 09 (Mon)	17:03 115	22:51 53S	03:54 247
2025 Jun 10 (Tue)	17:56 118	23:42 50S	04:38 244
2025 Jun 11 (Wed)	18:50 119		05:26 242
2025 Jun 12 (Thu)	19:44 119	00:35 49S	06:19 241
2025 Jun 13 (Fri)	20:37 117	01:29 49S	07:14 242
2025 Jun 14 (Sat)	21:26 114	02:23 51S	08:10 244
2025 Jun 15 (Sun)	22:12 110	03:15 55S	09:06 248
2025 Jun 16 (Mon)	22:54 104	04:05 60S	10:00 253
2025 Jun 17 (Tue)	23:35 98	04:52 65S	10:53 259
2025 Jun 18 (Wed)		05:39 72S	11:46 265
2025 Jun 19 (Thu)	00:15 91	06:25 79S	12:38 272
2025 Jun 20 (Fri)	00:56 84	07:12 86S	13:33 279

2025 Jun 21 (Sat)	01:39	77	08:03	89N	14:30	286
2025 Jun 22 (Sun)	02:26	71	08:57	83N	15:32	292
2025 Jun 23 (Mon)	03:18	66	09:56	78N	16:37	296
2025 Jun 24 (Tue)	04:17	62	10:59	75N	17:44	299
2025 Jun 25 (Wed)	05:20	61	12:05	75N	18:49	299
2025 Jun 26 (Thu)	06:25	62	13:08	76N	19:50	297
2025 Jun 27 (Fri)	07:29	65	14:08	79N	20:43	293
2025 Jun 28 (Sat)	08:29	69	15:01	84N	21:30	288
2025 Jun 29 (Sun)	09:24	74	15:50	89N	22:12	283
2025 Jun 30 (Mon)	10:15	80	16:34	86S	22:50	277
2025 Jul 01 (Tue)	11:02	86	17:15	80S	23:25	270
2025 Jul 02 (Wed)	11:48	93	17:55	74S	24:00	264
2025 Jul 03 (Thu)	12:33	99	18:35	68S		
2025 Jul 04 (Fri)	13:19	104	19:16	63S	00:35	259
2025 Jul 05 (Sat)	14:07	109	19:59	58S	01:11	253
2025 Jul 06 (Sun)	14:56	113	20:45	54S	01:50	249
2025 Jul 07 (Mon)	15:49	117	21:35	51S	02:33	245
2025 Jul 08 (Tue)	16:43	119	22:27	49S	03:20	242
2025 Jul 09 (Wed)	17:37	119	23:21	49S	04:11	241
2025 Jul 10 (Thu)	18:31	118			05:06	241
2025 Jul 11 (Fri)	19:22	115	00:16	51S	06:03	243
2025 Jul 12 (Sat)	20:09	111	01:10	54S	07:00	246
2025 Jul 13 (Sun)	20:53	106	02:01	58S	07:56	251
2025 Jul 14 (Mon)	21:35	100	02:50	64S	08:50	257
2025 Jul 15 (Tue)	22:15	93	03:37	70S	09:43	264
2025 Jul 16 (Wed)	22:55	86	04:23	77S	10:35	271
2025 Jul 17 (Thu)	23:37	79	05:10	84S	11:28	278
2025 Jul 18 (Fri)			05:58	90S	12:23	284
2025 Jul 19 (Sat)	00:21	73	06:50	85N	13:22	290
2025 Jul 20 (Sun)	01:10	67	07:46	80N	14:24	295
2025 Jul 21 (Mon)	02:05	63	08:46	76N	15:28	298
2025 Jul 22 (Tue)	03:05	61	09:49	75N	16:33	299
2025 Jul 23 (Wed)	04:08	61	10:52	75N	17:35	298
2025 Jul 24 (Thu)	05:12	63	11:53	78N	18:31	295
2025 Jul 25 (Fri)	06:14	67	12:49	82N	19:21	291
2025 Jul 26 (Sat)	07:11	72	13:40	87N	20:05	285
2025 Jul 27 (Sun)	08:04	78	14:26	89S	20:45	279
2025 Jul 28 (Mon)	08:54	84	15:09	82S	21:22	273
2025 Jul 29 (Tue)	09:41	90	15:50	76S	21:57	267
2025 Jul 30 (Wed)	10:27	96	16:31	70S	22:32	261
2025 Jul 31 (Thu)	11:13	102	17:12	65S	23:08	255
2025 Aug 01 (Fri)	12:00	107	17:54	59S	23:46	250
2025 Aug 02 (Sat)	12:48	112	18:39	55S		
2025 Aug 03 (Sun)	13:39	116	19:26	52S	00:27	246
2025 Aug 04 (Mon)	14:33	118	20:17	50S	01:12	243
2025 Aug 05 (Tue)	15:27	119	21:11	49S	02:02	241
2025 Aug 06 (Wed)	16:21	119	22:06	50S	02:55	241
2025 Aug 07 (Thu)	17:13	117	23:00	52S	03:51	242
2025 Aug 08 (Fri)	18:03	113	23:53	56S	04:49	245
2025 Aug 09 (Sat)	18:49	108			05:46	249
2025 Aug 10 (Sun)	19:32	102	00:44	61S	06:42	255
2025 Aug 11 (Mon)	20:14	95	01:33	68S	07:36	261
2025 Aug 12 (Tue)	20:54	88	02:20	74S	08:30	268
2025 Aug 13 (Wed)	21:36	81	03:07	82S	09:24	276
2025 Aug 14 (Thu)	22:20	74	03:56	89S	10:19	282
2025 Aug 15 (Fri)	23:07	69	04:47	87N	11:17	289
2025 Aug 16 (Sat)	24:00	64	05:41	81N	12:17	294
2025 Aug 17 (Sun)			06:39	77N	13:20	297
2025 Aug 18 (Mon)	00:57	61	07:40	75N	14:24	299
2025 Aug 19 (Tue)	01:58	61	08:42	75N	15:25	299
2025 Aug 20 (Wed)	03:01	62	09:43	76N	16:22	297
2025 Aug 21 (Thu)	04:02	65	10:39	80N	17:14	293
2025 Aug 22 (Fri)	05:00	70	11:31	85N	17:59	288
2025 Aug 23 (Sat)	05:54	75	12:19	90N	18:41	282
2025 Aug 24 (Sun)	06:45	81	13:03	85S	19:18	276
2025 Aug 25 (Mon)	07:33	88	13:45	79S	19:54	269
2025 Aug 26 (Tue)	08:19	94	14:26	73S	20:29	263

2025 Aug 27 (Wed)	09:06 100	15:07 67S	21:05 257
2025 Aug 28 (Thu)	09:52 105	15:48 61S	21:42 252
2025 Aug 29 (Fri)	10:41 110	16:32 57S	22:22 248
2025 Aug 30 (Sat)	11:31 114	17:19 53S	23:05 244
2025 Aug 31 (Sun)	12:23 117	18:08 50S	23:52 242
2025 Sep 01 (Mon)	13:16 119	19:00 49S	
2025 Sep 02 (Tue)	14:10 119	19:54 49S	00:44 241
2025 Sep 03 (Wed)	15:02 118	20:48 51S	01:38 241
2025 Sep 04 (Thu)	15:53 115	21:41 54S	02:35 243
2025 Sep 05 (Fri)	16:40 110	22:33 59S	03:32 247
2025 Sep 06 (Sat)	17:25 105	23:23 65S	04:28 252
2025 Sep 07 (Sun)	18:08 98		05:24 258
2025 Sep 08 (Mon)	18:50 91	00:12 71S	06:19 265
2025 Sep 09 (Tue)	19:32 84	01:00 79S	07:14 273
2025 Sep 10 (Wed)	20:16 77	01:49 86S	08:10 280
2025 Sep 11 (Thu)	21:03 70	02:41 89N	09:09 287
2025 Sep 12 (Fri)	21:55 65	03:35 83N	10:10 292
2025 Sep 13 (Sat)	22:52 62	04:33 78N	11:14 297
2025 Sep 14 (Sun)	23:52 61	05:34 75N	12:18 299
2025 Sep 15 (Mon)		06:36 74N	13:20 299
2025 Sep 16 (Tue)	00:54 61	07:37 76N	14:18 298
2025 Sep 17 (Wed)	01:55 64	08:34 79N	15:10 294
2025 Sep 18 (Thu)	02:53 68	09:26 83N	15:57 290
2025 Sep 19 (Fri)	03:48 73	10:15 88N	16:38 284
2025 Sep 20 (Sat)	04:39 79	10:59 87S	17:17 278
2025 Sep 21 (Sun)	05:27 85	11:41 81S	17:53 272
2025 Sep 22 (Mon)	06:14 91	12:22 75S	18:28 266
2025 Sep 23 (Tue)	07:00 98	13:03 69S	19:03 260
2025 Sep 24 (Wed)	07:46 103	13:44 63S	19:40 254
2025 Sep 25 (Thu)	08:34 109	14:27 58S	20:18 249
2025 Sep 26 (Fri)	09:23 113	15:13 54S	21:00 245
2025 Sep 27 (Sat)	10:14 116	16:01 51S	21:46 242
2025 Sep 28 (Sun)	11:07 119	16:51 49S	22:35 241
2025 Sep 29 (Mon)	12:00 119	17:43 49S	23:27 241
2025 Sep 30 (Tue)	12:52 119	18:36 50S	
2025 Oct 01 (Wed)	13:42 116	19:29 52S	00:22 242
2025 Oct 02 (Thu)	14:30 113	20:20 56S	01:18 245
2025 Oct 03 (Fri)	15:15 108	21:10 62S	02:13 250
2025 Oct 04 (Sat)	15:58 102	21:59 68S	03:08 255
2025 Oct 05 (Sun)	16:40 95	22:48 75S	04:03 262
2025 Oct 06 (Mon)	17:23 87	23:37 82S	04:58 269
2025 Oct 07 (Tue)	18:07 80		05:55 276
2025 Oct 08 (Wed)	18:54 73	00:28 90S	06:53 284
2025 Oct 09 (Thu)	19:46 67	01:23 85N	07:55 290
2025 Oct 10 (Fri)	20:42 63	02:22 80N	09:01 295
2025 Oct 11 (Sat)	21:44 61	03:24 76N	10:07 298
2025 Oct 12 (Sun)	22:47 61	04:28 75N	11:12 299
2025 Oct 13 (Mon)	23:49 63	05:30 75N	12:13 298
2025 Oct 14 (Tue)		06:30 78N	13:07 295
2025 Oct 15 (Wed)	00:49 67	07:24 82N	13:56 291
2025 Oct 16 (Thu)	01:44 71	08:13 87N	14:38 286
2025 Oct 17 (Fri)	02:36 77	08:58 89S	15:17 280
2025 Oct 18 (Sat)	03:24 83	09:40 83S	15:54 274
2025 Oct 19 (Sun)	04:11 89	10:21 77S	16:28 268
2025 Oct 20 (Mon)	04:56 95	11:01 71S	17:03 262
2025 Oct 21 (Tue)	05:42 101	11:42 65S	17:39 256
2025 Oct 22 (Wed)	06:29 107	12:24 60S	18:17 251
2025 Oct 23 (Thu)	07:18 111	13:09 56S	18:58 247
2025 Oct 24 (Fri)	08:08 115	13:56 52S	19:42 243
2025 Oct 25 (Sat)	09:00 118	14:45 50S	20:29 241
2025 Oct 26 (Sun)	09:53 119	15:37 49S	21:20 241
2025 Oct 27 (Mon)	10:45 119	16:29 50S	22:13 242
2025 Oct 28 (Tue)	11:35 117	17:21 51S	23:08 244
2025 Oct 29 (Wed)	12:23 114	18:11 55S	
2025 Oct 30 (Thu)	13:07 110	19:00 59S	00:02 248
2025 Oct 31 (Fri)	13:50 104	19:48 65S	00:55 253
2025 Nov 01 (Sat)	14:31 98	20:35 71S	01:48 259

2025 Nov 02 (Sun)	15:12 91	21:22 79S	02:42 265
2025 Nov 03 (Mon)	15:54 84	22:12 86S	03:36 273
2025 Nov 04 (Tue)	16:40 77	23:05 89N	04:33 280
2025 Nov 05 (Wed)	17:30 70		05:34 287
2025 Nov 06 (Thu)	18:25 65	00:02 82N	06:39 293
2025 Nov 07 (Fri)	19:27 62	01:05 78N	07:47 297
2025 Nov 08 (Sat)	20:32 61	02:10 75N	08:55 299
2025 Nov 09 (Sun)	21:38 62	03:17 75N	10:01 299
2025 Nov 10 (Mon)	22:40 65	04:20 77N	11:00 296
2025 Nov 11 (Tue)	23:39 70	05:17 80N	11:52 292
2025 Nov 12 (Wed)		06:09 85N	12:37 287
2025 Nov 13 (Thu)	00:32 75	06:56 91N	13:18 282
2025 Nov 14 (Fri)	01:22 81	07:40 85S	13:55 276
2025 Nov 15 (Sat)	02:09 88	08:21 79S	14:30 269
2025 Nov 16 (Sun)	02:55 94	09:01 73S	15:05 263
2025 Nov 17 (Mon)	03:40 100	09:41 67S	15:40 258
2025 Nov 18 (Tue)	04:26 105	10:23 62S	16:17 252
2025 Nov 19 (Wed)	05:14 110	11:06 57S	16:56 248
2025 Nov 20 (Thu)	06:04 114	11:53 53S	17:39 244
2025 Nov 21 (Fri)	06:56 117	12:41 51S	18:26 242
2025 Nov 22 (Sat)	07:48 119	13:32 49S	19:16 241
2025 Nov 23 (Sun)	08:41 119	14:25 49S	20:09 241
2025 Nov 24 (Mon)	09:31 118	15:16 51S	21:02 243
2025 Nov 25 (Tue)	10:19 115	16:07 54S	21:56 246
2025 Nov 26 (Wed)	11:04 111	16:55 58S	22:48 251
2025 Nov 27 (Thu)	11:46 106	17:42 63S	23:40 256
2025 Nov 28 (Fri)	12:26 101	18:27 69S	
2025 Nov 29 (Sat)	13:05 94	19:12 76S	00:31 263
2025 Nov 30 (Sun)	13:45 87	19:59 82S	01:23 269
2025 Dec 01 (Mon)	14:27 80	20:49 89S	02:16 276
2025 Dec 02 (Tue)	15:14 74	21:42 86N	03:13 283
2025 Dec 03 (Wed)	16:05 68	22:41 80N	04:14 290
2025 Dec 04 (Thu)	17:04 63	23:46 76N	05:20 295
2025 Dec 05 (Fri)	18:08 61		06:30 298
2025 Dec 06 (Sat)	19:16 61	00:53 75N	07:38 299
2025 Dec 07 (Sun)	20:23 64	02:00 76N	08:43 298
2025 Dec 08 (Mon)	21:26 68	03:03 79N	09:40 294
2025 Dec 09 (Tue)	22:23 73	03:59 83N	10:30 289
2025 Dec 10 (Wed)	23:16 79	04:50 89N	11:14 284
2025 Dec 11 (Thu)		05:36 87S	11:53 277
2025 Dec 12 (Fri)	00:05 86	06:19 81S	12:30 271
2025 Dec 13 (Sat)	00:52 92	07:00 75S	13:05 265
2025 Dec 14 (Sun)	01:37 98	07:40 69S	13:40 259
2025 Dec 15 (Mon)	02:23 104	08:21 63S	14:16 254
2025 Dec 16 (Tue)	03:11 109	09:04 58S	14:55 249
2025 Dec 17 (Wed)	04:00 113	09:49 54S	15:37 245
2025 Dec 18 (Thu)	04:51 116	10:37 51S	16:23 243
2025 Dec 19 (Fri)	05:43 118	11:28 50S	17:12 241
2025 Dec 20 (Sat)	06:36 119	12:20 49S	18:04 241
2025 Dec 21 (Sun)	07:28 118	13:12 50S	18:58 243
2025 Dec 22 (Mon)	08:17 116	14:04 53S	19:52 246
2025 Dec 23 (Tue)	09:02 112	14:53 57S	20:45 250
2025 Dec 24 (Wed)	09:45 108	15:40 62S	21:37 255
2025 Dec 25 (Thu)	10:25 102	16:25 67S	22:27 261
2025 Dec 26 (Fri)	11:04 96	17:09 74S	23:17 267
2025 Dec 27 (Sat)	11:42 89	17:54 80S	
2025 Dec 28 (Sun)	12:22 83	18:40 87S	00:08 274
2025 Dec 29 (Mon)	13:05 76	19:30 88N	01:01 281
2025 Dec 30 (Tue)	13:52 70	20:24 82N	01:58 287
2025 Dec 31 (Wed)	14:45 65	21:24 78N	03:00 293