

Sun

MaeHongSon

Location: E 97°58'11.9", N19°18'07.1", 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)	06:11	07:02 114		12:32 48S	18:02 246		18:53
2025 Jan 02 (Thu)	06:11	07:02 114		12:32 49S	18:02 246		18:53
2025 Jan 03 (Fri)	06:11	07:03 114		12:33 49S	18:03 246		18:54
2025 Jan 04 (Sat)	06:12	07:03 114		12:33 49S	18:03 246		18:54
2025 Jan 05 (Sun)	06:12	07:03 114		12:34 49S	18:04 246		18:55
2025 Jan 06 (Mon)	06:12	07:03 114		12:34 49S	18:05 246		18:56
2025 Jan 07 (Tue)	06:13	07:04 113		12:34 49S	18:05 247		18:56
2025 Jan 08 (Wed)	06:13	07:04 113		12:35 49S	18:06 247		18:57
2025 Jan 09 (Thu)	06:13	07:04 113		12:35 49S	18:07 247		18:57
2025 Jan 10 (Fri)	06:13	07:04 113		12:36 49S	18:07 247		18:58
2025 Jan 11 (Sat)	06:14	07:04 113		12:36 50S	18:08 247		18:59
2025 Jan 12 (Sun)	06:14	07:04 113		12:36 50S	18:09 247		18:59
2025 Jan 13 (Mon)	06:14	07:05 113		12:37 50S	18:09 248		19:00
2025 Jan 14 (Tue)	06:14	07:05 112		12:37 50S	18:10 248		19:00
2025 Jan 15 (Wed)	06:14	07:05 112		12:38 50S	18:10 248		19:01
2025 Jan 16 (Thu)	06:14	07:05 112		12:38 51S	18:11 248		19:01
2025 Jan 17 (Fri)	06:14	07:05 112		12:38 51S	18:12 248		19:02
2025 Jan 18 (Sat)	06:15	07:05 112		12:39 51S	18:12 249		19:03
2025 Jan 19 (Sun)	06:15	07:05 111		12:39 51S	18:13 249		19:03
2025 Jan 20 (Mon)	06:15	07:05 111		12:39 51S	18:14 249		19:04
2025 Jan 21 (Tue)	06:15	07:05 111		12:39 52S	18:14 249		19:04
2025 Jan 22 (Wed)	06:15	07:05 111		12:40 52S	18:15 250		19:05
2025 Jan 23 (Thu)	06:15	07:04 110		12:40 52S	18:16 250		19:05
2025 Jan 24 (Fri)	06:15	07:04 110		12:40 52S	18:16 250		19:06
2025 Jan 25 (Sat)	06:14	07:04 110		12:40 53S	18:17 250		19:06
2025 Jan 26 (Sun)	06:14	07:04 110		12:41 53S	18:17 251		19:07
2025 Jan 27 (Mon)	06:14	07:04 109		12:41 53S	18:18 251		19:08
2025 Jan 28 (Tue)	06:14	07:04 109		12:41 53S	18:19 251		19:08
2025 Jan 29 (Wed)	06:14	07:03 109		12:41 54S	18:19 251		19:09
2025 Jan 30 (Thu)	06:14	07:03 108		12:41 54S	18:20 252		19:09
2025 Jan 31 (Fri)	06:14	07:03 108		12:42 54S	18:20 252		19:10
2025 Feb 01 (Sat)	06:13	07:03 108		12:42 54S	18:21 252		19:10
2025 Feb 02 (Sun)	06:13	07:02 108		12:42 55S	18:21 253		19:11
2025 Feb 03 (Mon)	06:13	07:02 107		12:42 55S	18:22 253		19:11
2025 Feb 04 (Tue)	06:13	07:02 107		12:42 55S	18:23 253		19:12
2025 Feb 05 (Wed)	06:12	07:01 107		12:42 56S	18:23 254		19:12
2025 Feb 06 (Thu)	06:12	07:01 106		12:42 56S	18:24 254		19:12
2025 Feb 07 (Fri)	06:12	07:01 106		12:42 56S	18:24 254		19:13
2025 Feb 08 (Sat)	06:11	07:00 106		12:42 57S	18:25 255		19:13
2025 Feb 09 (Sun)	06:11	07:00 105		12:42 57S	18:25 255		19:14
2025 Feb 10 (Mon)	06:11	06:59 105		12:42 57S	18:26 255		19:14
2025 Feb 11 (Tue)	06:10	06:59 105		12:42 57S	18:26 256		19:15
2025 Feb 12 (Wed)	06:10	06:58 104		12:42 58S	18:27 256		19:15
2025 Feb 13 (Thu)	06:09	06:58 104		12:42 58S	18:27 256		19:15
2025 Feb 14 (Fri)	06:09	06:57 103		12:42 58S	18:28 257		19:16
2025 Feb 15 (Sat)	06:08	06:57 103		12:42 59S	18:28 257		19:16
2025 Feb 16 (Sun)	06:08	06:56 103		12:42 59S	18:28 257		19:17
2025 Feb 17 (Mon)	06:07	06:56 102		12:42 60S	18:29 258		19:17
2025 Feb 18 (Tue)	06:07	06:55 102		12:42 60S	18:29 258		19:17
2025 Feb 19 (Wed)	06:06	06:54 102		12:42 60S	18:30 259		19:18
2025 Feb 20 (Thu)	06:06	06:54 101		12:42 61S	18:30 259		19:18
2025 Feb 21 (Fri)	06:05	06:53 101		12:42 61S	18:31 259		19:18
2025 Feb 22 (Sat)	06:05	06:52 101		12:42 61S	18:31 260		19:19
2025 Feb 23 (Sun)	06:04	06:52 100		12:41 62S	18:31 260		19:19
2025 Feb 24 (Mon)	06:03	06:51 100		12:41 62S	18:32 260		19:19

2025	Feb	25	(Tue)	06:03	06:50	99	12:41	62S	18:32	261	19:20
2025	Feb	26	(Wed)	06:02	06:50	99	12:41	63S	18:32	261	19:20
2025	Feb	27	(Thu)	06:01	06:49	99	12:41	63S	18:33	262	19:20
2025	Feb	28	(Fri)	06:01	06:48	98	12:41	64S	18:33	262	19:21
2025	Mar	01	(Sat)	06:00	06:48	98	12:40	64S	18:34	262	19:21
2025	Mar	02	(Sun)	05:59	06:47	97	12:40	64S	18:34	263	19:21
2025	Mar	03	(Mon)	05:59	06:46	97	12:40	65S	18:34	263	19:22
2025	Mar	04	(Tue)	05:58	06:45	97	12:40	65S	18:35	264	19:22
2025	Mar	05	(Wed)	05:57	06:45	96	12:40	65S	18:35	264	19:22
2025	Mar	06	(Thu)	05:56	06:44	96	12:39	66S	18:35	265	19:23
2025	Mar	07	(Fri)	05:56	06:43	95	12:39	66S	18:35	265	19:23
2025	Mar	08	(Sat)	05:55	06:42	95	12:39	67S	18:36	265	19:23
2025	Mar	09	(Sun)	05:54	06:41	94	12:39	67S	18:36	266	19:23
2025	Mar	10	(Mon)	05:53	06:41	94	12:38	67S	18:36	266	19:24
2025	Mar	11	(Tue)	05:53	06:40	94	12:38	68S	18:37	267	19:24
2025	Mar	12	(Wed)	05:52	06:39	93	12:38	68S	18:37	267	19:24
2025	Mar	13	(Thu)	05:51	06:38	93	12:38	69S	18:37	267	19:25
2025	Mar	14	(Fri)	05:50	06:37	92	12:37	69S	18:37	268	19:25
2025	Mar	15	(Sat)	05:49	06:37	92	12:37	69S	18:38	268	19:25
2025	Mar	16	(Sun)	05:48	06:36	92	12:37	70S	18:38	269	19:25
2025	Mar	17	(Mon)	05:48	06:35	91	12:36	70S	18:38	269	19:26
2025	Mar	18	(Tue)	05:47	06:34	91	12:36	71S	18:39	269	19:26
2025	Mar	19	(Wed)	05:46	06:33	90	12:36	71S	18:39	270	19:26
2025	Mar	20	(Thu)	05:45	06:32	90	12:36	71S	18:39	270	19:26
2025	Mar	21	(Fri)	05:44	06:31	89	12:35	72S	18:39	271	19:27
2025	Mar	22	(Sat)	05:43	06:31	89	12:35	72S	18:40	271	19:27
2025	Mar	23	(Sun)	05:42	06:30	89	12:35	73S	18:40	272	19:27
2025	Mar	24	(Mon)	05:42	06:29	88	12:34	73S	18:40	272	19:28
2025	Mar	25	(Tue)	05:41	06:28	88	12:34	73S	18:40	272	19:28
2025	Mar	26	(Wed)	05:40	06:27	87	12:34	74S	18:41	273	19:28
2025	Mar	27	(Thu)	05:39	06:26	87	12:33	74S	18:41	273	19:28
2025	Mar	28	(Fri)	05:38	06:26	87	12:33	74S	18:41	274	19:29
2025	Mar	29	(Sat)	05:37	06:25	86	12:33	75S	18:41	274	19:29
2025	Mar	30	(Sun)	05:36	06:24	86	12:33	75S	18:42	274	19:29
2025	Mar	31	(Mon)	05:35	06:23	85	12:32	76S	18:42	275	19:30
2025	Apr	01	(Tue)	05:34	06:22	85	12:32	76S	18:42	275	19:30
2025	Apr	02	(Wed)	05:34	06:21	84	12:32	76S	18:42	276	19:30
2025	Apr	03	(Thu)	05:33	06:20	84	12:31	77S	18:43	276	19:30
2025	Apr	04	(Fri)	05:32	06:20	84	12:31	77S	18:43	277	19:31
2025	Apr	05	(Sat)	05:31	06:19	83	12:31	78S	18:43	277	19:31
2025	Apr	06	(Sun)	05:30	06:18	83	12:31	78S	18:43	277	19:31
2025	Apr	07	(Mon)	05:29	06:17	82	12:30	78S	18:44	278	19:32
2025	Apr	08	(Tue)	05:28	06:16	82	12:30	79S	18:44	278	19:32
2025	Apr	09	(Wed)	05:27	06:16	82	12:30	79S	18:44	279	19:32
2025	Apr	10	(Thu)	05:27	06:15	81	12:29	79S	18:44	279	19:33
2025	Apr	11	(Fri)	05:26	06:14	81	12:29	80S	18:45	279	19:33
2025	Apr	12	(Sat)	05:25	06:13	80	12:29	80S	18:45	280	19:33
2025	Apr	13	(Sun)	05:24	06:12	80	12:29	81S	18:45	280	19:34
2025	Apr	14	(Mon)	05:23	06:12	80	12:28	81S	18:45	280	19:34
2025	Apr	15	(Tue)	05:22	06:11	79	12:28	81S	18:46	281	19:34
2025	Apr	16	(Wed)	05:21	06:10	79	12:28	82S	18:46	281	19:35
2025	Apr	17	(Thu)	05:21	06:09	79	12:28	82S	18:46	282	19:35
2025	Apr	18	(Fri)	05:20	06:09	78	12:27	82S	18:47	282	19:35
2025	Apr	19	(Sat)	05:19	06:08	78	12:27	83S	18:47	282	19:36
2025	Apr	20	(Sun)	05:18	06:07	77	12:27	83S	18:47	283	19:36
2025	Apr	21	(Mon)	05:17	06:06	77	12:27	83S	18:47	283	19:37
2025	Apr	22	(Tue)	05:17	06:06	77	12:27	84S	18:48	283	19:37
2025	Apr	23	(Wed)	05:16	06:05	76	12:26	84S	18:48	284	19:37
2025	Apr	24	(Thu)	05:15	06:04	76	12:26	84S	18:48	284	19:38
2025	Apr	25	(Fri)	05:14	06:04	76	12:26	85S	18:49	284	19:38
2025	Apr	26	(Sat)	05:14	06:03	75	12:26	85S	18:49	285	19:39
2025	Apr	27	(Sun)	05:13	06:02	75	12:26	85S	18:49	285	19:39
2025	Apr	28	(Mon)	05:12	06:02	75	12:26	86S	18:50	285	19:39
2025	Apr	29	(Tue)	05:11	06:01	74	12:25	86S	18:50	286	19:40
2025	Apr	30	(Wed)	05:11	06:01	74	12:25	86S	18:50	286	19:40
2025	May	01	(Thu)	05:10	06:00	74	12:25	87S	18:51	286	19:41
2025	May	02	(Fri)	05:09	05:59	73	12:25	87S	18:51	287	19:41

2025 May 03 (Sat)	05:09	05:59	73	12:25	87S	18:51	287	19:42
2025 May 04 (Sun)	05:08	05:58	73	12:25	87S	18:52	287	19:42
2025 May 05 (Mon)	05:07	05:58	72	12:25	88S	18:52	288	19:43
2025 May 06 (Tue)	05:07	05:57	72	12:25	88S	18:53	288	19:43
2025 May 07 (Wed)	05:06	05:57	72	12:25	88S	18:53	288	19:43
2025 May 08 (Thu)	05:06	05:56	72	12:25	89S	18:53	289	19:44
2025 May 09 (Fri)	05:05	05:56	71	12:25	89S	18:54	289	19:44
2025 May 10 (Sat)	05:04	05:55	71	12:25	89S	18:54	289	19:45
2025 May 11 (Sun)	05:04	05:55	71	12:24	89S	18:54	289	19:45
2025 May 12 (Mon)	05:03	05:54	70	12:24	90S	18:55	290	19:46
2025 May 13 (Tue)	05:03	05:54	70	12:24	90S	18:55	290	19:46
2025 May 14 (Wed)	05:02	05:54	70	12:24	90S	18:56	290	19:47
2025 May 15 (Thu)	05:02	05:53	70	12:24	90S	18:56	290	19:47
2025 May 16 (Fri)	05:01	05:53	69	12:24	91S	18:56	291	19:48
2025 May 17 (Sat)	05:01	05:53	69	12:25	91N	18:57	291	19:48
2025 May 18 (Sun)	05:01	05:52	69	12:25	90N	18:57	291	19:49
2025 May 19 (Mon)	05:00	05:52	69	12:25	90N	18:57	291	19:49
2025 May 20 (Tue)	05:00	05:52	68	12:25	90N	18:58	292	19:50
2025 May 21 (Wed)	04:59	05:51	68	12:25	90N	18:58	292	19:50
2025 May 22 (Thu)	04:59	05:51	68	12:25	90N	18:59	292	19:51
2025 May 23 (Fri)	04:59	05:51	68	12:25	89N	18:59	292	19:51
2025 May 24 (Sat)	04:58	05:51	68	12:25	89N	18:59	292	19:52
2025 May 25 (Sun)	04:58	05:50	67	12:25	89N	19:00	293	19:52
2025 May 26 (Mon)	04:58	05:50	67	12:25	89N	19:00	293	19:53
2025 May 27 (Tue)	04:58	05:50	67	12:25	89N	19:01	293	19:53
2025 May 28 (Wed)	04:57	05:50	67	12:25	89N	19:01	293	19:54
2025 May 29 (Thu)	04:57	05:50	67	12:26	88N	19:01	293	19:54
2025 May 30 (Fri)	04:57	05:50	67	12:26	88N	19:02	294	19:55
2025 May 31 (Sat)	04:57	05:50	66	12:26	88N	19:02	294	19:55
2025 Jun 01 (Sun)	04:57	05:49	66	12:26	88N	19:03	294	19:55
2025 Jun 02 (Mon)	04:57	05:49	66	12:26	88N	19:03	294	19:56
2025 Jun 03 (Tue)	04:56	05:49	66	12:26	88N	19:03	294	19:56
2025 Jun 04 (Wed)	04:56	05:49	66	12:26	88N	19:04	294	19:57
2025 Jun 05 (Thu)	04:56	05:49	66	12:27	87N	19:04	294	19:57
2025 Jun 06 (Fri)	04:56	05:49	66	12:27	87N	19:04	294	19:58
2025 Jun 07 (Sat)	04:56	05:49	65	12:27	87N	19:05	295	19:58
2025 Jun 08 (Sun)	04:56	05:49	65	12:27	87N	19:05	295	19:58
2025 Jun 09 (Mon)	04:56	05:49	65	12:27	87N	19:05	295	19:59
2025 Jun 10 (Tue)	04:56	05:49	65	12:28	87N	19:06	295	19:59
2025 Jun 11 (Wed)	04:56	05:50	65	12:28	87N	19:06	295	19:59
2025 Jun 12 (Thu)	04:56	05:50	65	12:28	87N	19:06	295	20:00
2025 Jun 13 (Fri)	04:56	05:50	65	12:28	87N	19:07	295	20:00
2025 Jun 14 (Sat)	04:56	05:50	65	12:28	87N	19:07	295	20:00
2025 Jun 15 (Sun)	04:57	05:50	65	12:29	87N	19:07	295	20:01
2025 Jun 16 (Mon)	04:57	05:50	65	12:29	87N	19:08	295	20:01
2025 Jun 17 (Tue)	04:57	05:50	65	12:29	87N	19:08	295	20:01
2025 Jun 18 (Wed)	04:57	05:50	65	12:29	87N	19:08	295	20:02
2025 Jun 19 (Thu)	04:57	05:51	65	12:29	87N	19:08	295	20:02
2025 Jun 20 (Fri)	04:57	05:51	65	12:30	87N	19:09	295	20:02
2025 Jun 21 (Sat)	04:58	05:51	65	12:30	87N	19:09	295	20:02
2025 Jun 22 (Sun)	04:58	05:51	65	12:30	87N	19:09	295	20:02
2025 Jun 23 (Mon)	04:58	05:52	65	12:30	87N	19:09	295	20:03
2025 Jun 24 (Tue)	04:58	05:52	65	12:31	87N	19:09	295	20:03
2025 Jun 25 (Wed)	04:59	05:52	65	12:31	87N	19:10	295	20:03
2025 Jun 26 (Thu)	04:59	05:52	65	12:31	87N	19:10	295	20:03
2025 Jun 27 (Fri)	04:59	05:53	65	12:31	87N	19:10	295	20:03
2025 Jun 28 (Sat)	04:59	05:53	65	12:31	87N	19:10	295	20:03
2025 Jun 29 (Sun)	05:00	05:53	65	12:32	87N	19:10	295	20:03
2025 Jun 30 (Mon)	05:00	05:53	65	12:32	87N	19:10	295	20:03
2025 Jul 01 (Tue)	05:00	05:54	65	12:32	87N	19:10	295	20:04
2025 Jul 02 (Wed)	05:01	05:54	65	12:32	87N	19:10	295	20:04
2025 Jul 03 (Thu)	05:01	05:54	65	12:32	87N	19:10	295	20:04
2025 Jul 04 (Fri)	05:01	05:55	65	12:33	87N	19:10	295	20:04
2025 Jul 05 (Sat)	05:02	05:55	65	12:33	87N	19:10	294	20:04
2025 Jul 06 (Sun)	05:02	05:55	66	12:33	87N	19:10	294	20:03
2025 Jul 07 (Mon)	05:03	05:56	66	12:33	87N	19:10	294	20:03
2025 Jul 08 (Tue)	05:03	05:56	66	12:33	88N	19:10	294	20:03

2025	Jul	09	(Wed)	05:03	05:56	66	12:33	88N	19:10	294	20:03
2025	Jul	10	(Thu)	05:04	05:57	66	12:34	88N	19:10	294	20:03
2025	Jul	11	(Fri)	05:04	05:57	66	12:34	88N	19:10	294	20:03
2025	Jul	12	(Sat)	05:05	05:57	66	12:34	88N	19:10	294	20:03
2025	Jul	13	(Sun)	05:05	05:58	66	12:34	88N	19:10	293	20:02
2025	Jul	14	(Mon)	05:06	05:58	67	12:34	88N	19:10	293	20:02
2025	Jul	15	(Tue)	05:06	05:59	67	12:34	89N	19:10	293	20:02
2025	Jul	16	(Wed)	05:06	05:59	67	12:34	89N	19:09	293	20:02
2025	Jul	17	(Thu)	05:07	05:59	67	12:34	89N	19:09	293	20:01
2025	Jul	18	(Fri)	05:07	06:00	67	12:34	89N	19:09	293	20:01
2025	Jul	19	(Sat)	05:08	06:00	68	12:34	89N	19:09	292	20:01
2025	Jul	20	(Sun)	05:08	06:00	68	12:35	89N	19:08	292	20:01
2025	Jul	21	(Mon)	05:09	06:01	68	12:35	90N	19:08	292	20:00
2025	Jul	22	(Tue)	05:09	06:01	68	12:35	90N	19:08	292	20:00
2025	Jul	23	(Wed)	05:10	06:01	68	12:35	90N	19:08	292	19:59
2025	Jul	24	(Thu)	05:10	06:02	69	12:35	90N	19:07	291	19:59
2025	Jul	25	(Fri)	05:11	06:02	69	12:35	90N	19:07	291	19:59
2025	Jul	26	(Sat)	05:11	06:03	69	12:35	91N	19:07	291	19:58
2025	Jul	27	(Sun)	05:11	06:03	69	12:35	91S	19:06	291	19:58
2025	Jul	28	(Mon)	05:12	06:03	70	12:35	90S	19:06	290	19:57
2025	Jul	29	(Tue)	05:12	06:04	70	12:35	90S	19:05	290	19:57
2025	Jul	30	(Wed)	05:13	06:04	70	12:35	90S	19:05	290	19:56
2025	Jul	31	(Thu)	05:13	06:04	70	12:35	90S	19:05	290	19:56
2025	Aug	01	(Fri)	05:14	06:05	71	12:35	89S	19:04	289	19:55
2025	Aug	02	(Sat)	05:14	06:05	71	12:34	89S	19:04	289	19:54
2025	Aug	03	(Sun)	05:15	06:05	71	12:34	89S	19:03	289	19:54
2025	Aug	04	(Mon)	05:15	06:06	71	12:34	89S	19:03	288	19:53
2025	Aug	05	(Tue)	05:15	06:06	72	12:34	88S	19:02	288	19:53
2025	Aug	06	(Wed)	05:16	06:06	72	12:34	88S	19:02	288	19:52
2025	Aug	07	(Thu)	05:16	06:07	72	12:34	88S	19:01	288	19:51
2025	Aug	08	(Fri)	05:17	06:07	73	12:34	87S	19:00	287	19:51
2025	Aug	09	(Sat)	05:17	06:07	73	12:34	87S	19:00	287	19:50
2025	Aug	10	(Sun)	05:17	06:08	73	12:34	87S	18:59	287	19:49
2025	Aug	11	(Mon)	05:18	06:08	74	12:33	87S	18:59	286	19:49
2025	Aug	12	(Tue)	05:18	06:08	74	12:33	86S	18:58	286	19:48
2025	Aug	13	(Wed)	05:19	06:08	74	12:33	86S	18:57	286	19:47
2025	Aug	14	(Thu)	05:19	06:09	74	12:33	86S	18:57	285	19:46
2025	Aug	15	(Fri)	05:19	06:09	75	12:33	85S	18:56	285	19:46
2025	Aug	16	(Sat)	05:20	06:09	75	12:32	85S	18:55	285	19:45
2025	Aug	17	(Sun)	05:20	06:09	75	12:32	85S	18:55	284	19:44
2025	Aug	18	(Mon)	05:20	06:10	76	12:32	84S	18:54	284	19:43
2025	Aug	19	(Tue)	05:21	06:10	76	12:32	84S	18:53	284	19:42
2025	Aug	20	(Wed)	05:21	06:10	77	12:32	84S	18:53	283	19:42
2025	Aug	21	(Thu)	05:21	06:11	77	12:31	83S	18:52	283	19:41
2025	Aug	22	(Fri)	05:22	06:11	77	12:31	83S	18:51	283	19:40
2025	Aug	23	(Sat)	05:22	06:11	78	12:31	83S	18:50	282	19:39
2025	Aug	24	(Sun)	05:22	06:11	78	12:31	82S	18:50	282	19:38
2025	Aug	25	(Mon)	05:23	06:11	78	12:30	82S	18:49	282	19:37
2025	Aug	26	(Tue)	05:23	06:12	79	12:30	82S	18:48	281	19:37
2025	Aug	27	(Wed)	05:23	06:12	79	12:30	81S	18:47	281	19:36
2025	Aug	28	(Thu)	05:24	06:12	79	12:29	81S	18:46	280	19:35
2025	Aug	29	(Fri)	05:24	06:12	80	12:29	81S	18:46	280	19:34
2025	Aug	30	(Sat)	05:24	06:13	80	12:29	80S	18:45	280	19:33
2025	Aug	31	(Sun)	05:24	06:13	81	12:28	80S	18:44	279	19:32
2025	Sep	01	(Mon)	05:25	06:13	81	12:28	80S	18:43	279	19:31
2025	Sep	02	(Tue)	05:25	06:13	81	12:28	79S	18:42	278	19:30
2025	Sep	03	(Wed)	05:25	06:13	82	12:28	79S	18:41	278	19:29
2025	Sep	04	(Thu)	05:26	06:14	82	12:27	78S	18:40	278	19:28
2025	Sep	05	(Fri)	05:26	06:14	82	12:27	78S	18:40	277	19:28
2025	Sep	06	(Sat)	05:26	06:14	83	12:27	78S	18:39	277	19:27
2025	Sep	07	(Sun)	05:26	06:14	83	12:26	77S	18:38	277	19:26
2025	Sep	08	(Mon)	05:27	06:14	84	12:26	77S	18:37	276	19:25
2025	Sep	09	(Tue)	05:27	06:15	84	12:25	77S	18:36	276	19:24
2025	Sep	10	(Wed)	05:27	06:15	84	12:25	76S	18:35	275	19:23
2025	Sep	11	(Thu)	05:27	06:15	85	12:25	76S	18:34	275	19:22
2025	Sep	12	(Fri)	05:27	06:15	85	12:24	75S	18:33	275	19:21
2025	Sep	13	(Sat)	05:28	06:15	86	12:24	75S	18:33	274	19:20

2025 Sep 14 (Sun)	05:28	06:15	86	12:24	75S	18:32	274	19:19
2025 Sep 15 (Mon)	05:28	06:16	87	12:23	74S	18:31	273	19:18
2025 Sep 16 (Tue)	05:28	06:16	87	12:23	74S	18:30	273	19:17
2025 Sep 17 (Wed)	05:29	06:16	87	12:23	74S	18:29	272	19:16
2025 Sep 18 (Thu)	05:29	06:16	88	12:22	73S	18:28	272	19:15
2025 Sep 19 (Fri)	05:29	06:16	88	12:22	73S	18:27	272	19:15
2025 Sep 20 (Sat)	05:29	06:17	89	12:22	72S	18:26	271	19:14
2025 Sep 21 (Sun)	05:29	06:17	89	12:21	72S	18:25	271	19:13
2025 Sep 22 (Mon)	05:30	06:17	89	12:21	72S	18:24	270	19:12
2025 Sep 23 (Tue)	05:30	06:17	90	12:21	71S	18:24	270	19:11
2025 Sep 24 (Wed)	05:30	06:17	90	12:20	71S	18:23	270	19:10
2025 Sep 25 (Thu)	05:30	06:18	91	12:20	70S	18:22	269	19:09
2025 Sep 26 (Fri)	05:30	06:18	91	12:19	70S	18:21	269	19:08
2025 Sep 27 (Sat)	05:31	06:18	91	12:19	70S	18:20	268	19:07
2025 Sep 28 (Sun)	05:31	06:18	92	12:19	69S	18:19	268	19:06
2025 Sep 29 (Mon)	05:31	06:18	92	12:18	69S	18:18	268	19:06
2025 Sep 30 (Tue)	05:31	06:19	93	12:18	69S	18:17	267	19:05
2025 Oct 01 (Wed)	05:31	06:19	93	12:18	68S	18:16	267	19:04
2025 Oct 02 (Thu)	05:32	06:19	94	12:17	68S	18:16	266	19:03
2025 Oct 03 (Fri)	05:32	06:19	94	12:17	67S	18:15	266	19:02
2025 Oct 04 (Sat)	05:32	06:20	94	12:17	67S	18:14	265	19:01
2025 Oct 05 (Sun)	05:32	06:20	95	12:17	67S	18:13	265	19:00
2025 Oct 06 (Mon)	05:33	06:20	95	12:16	66S	18:12	265	19:00
2025 Oct 07 (Tue)	05:33	06:20	96	12:16	66S	18:11	264	18:59
2025 Oct 08 (Wed)	05:33	06:20	96	12:16	65S	18:11	264	18:58
2025 Oct 09 (Thu)	05:33	06:21	96	12:15	65S	18:10	263	18:57
2025 Oct 10 (Fri)	05:33	06:21	97	12:15	65S	18:09	263	18:56
2025 Oct 11 (Sat)	05:34	06:21	97	12:15	64S	18:08	263	18:56
2025 Oct 12 (Sun)	05:34	06:22	98	12:15	64S	18:07	262	18:55
2025 Oct 13 (Mon)	05:34	06:22	98	12:14	64S	18:07	262	18:54
2025 Oct 14 (Tue)	05:34	06:22	98	12:14	63S	18:06	261	18:54
2025 Oct 15 (Wed)	05:35	06:22	99	12:14	63S	18:05	261	18:53
2025 Oct 16 (Thu)	05:35	06:23	99	12:14	62S	18:04	261	18:52
2025 Oct 17 (Fri)	05:35	06:23	100	12:13	62S	18:04	260	18:51
2025 Oct 18 (Sat)	05:36	06:23	100	12:13	62S	18:03	260	18:51
2025 Oct 19 (Sun)	05:36	06:24	100	12:13	61S	18:02	260	18:50
2025 Oct 20 (Mon)	05:36	06:24	101	12:13	61S	18:02	259	18:49
2025 Oct 21 (Tue)	05:36	06:24	101	12:13	61S	18:01	259	18:49
2025 Oct 22 (Wed)	05:37	06:25	101	12:13	60S	18:00	258	18:48
2025 Oct 23 (Thu)	05:37	06:25	102	12:12	60S	18:00	258	18:48
2025 Oct 24 (Fri)	05:37	06:25	102	12:12	60S	17:59	258	18:47
2025 Oct 25 (Sat)	05:38	06:26	103	12:12	59S	17:58	257	18:47
2025 Oct 26 (Sun)	05:38	06:26	103	12:12	59S	17:58	257	18:46
2025 Oct 27 (Mon)	05:38	06:27	103	12:12	59S	17:57	257	18:45
2025 Oct 28 (Tue)	05:39	06:27	104	12:12	58S	17:57	256	18:45
2025 Oct 29 (Wed)	05:39	06:27	104	12:12	58S	17:56	256	18:44
2025 Oct 30 (Thu)	05:39	06:28	104	12:12	58S	17:55	256	18:44
2025 Oct 31 (Fri)	05:40	06:28	105	12:12	57S	17:55	255	18:44
2025 Nov 01 (Sat)	05:40	06:29	105	12:12	57S	17:54	255	18:43
2025 Nov 02 (Sun)	05:41	06:29	105	12:12	57S	17:54	254	18:43
2025 Nov 03 (Mon)	05:41	06:30	106	12:12	56S	17:54	254	18:42
2025 Nov 04 (Tue)	05:41	06:30	106	12:12	56S	17:53	254	18:42
2025 Nov 05 (Wed)	05:42	06:31	106	12:12	56S	17:53	254	18:42
2025 Nov 06 (Thu)	05:42	06:31	107	12:12	55S	17:52	253	18:41
2025 Nov 07 (Fri)	05:43	06:32	107	12:12	55S	17:52	253	18:41
2025 Nov 08 (Sat)	05:43	06:32	107	12:12	55S	17:51	253	18:41
2025 Nov 09 (Sun)	05:43	06:33	108	12:12	54S	17:51	252	18:40
2025 Nov 10 (Mon)	05:44	06:33	108	12:12	54S	17:51	252	18:40
2025 Nov 11 (Tue)	05:44	06:34	108	12:12	54S	17:50	252	18:40
2025 Nov 12 (Wed)	05:45	06:34	108	12:12	54S	17:50	251	18:40
2025 Nov 13 (Thu)	05:45	06:35	109	12:12	53S	17:50	251	18:39
2025 Nov 14 (Fri)	05:46	06:35	109	12:13	53S	17:50	251	18:39
2025 Nov 15 (Sat)	05:46	06:36	109	12:13	53S	17:49	251	18:39
2025 Nov 16 (Sun)	05:47	06:36	110	12:13	53S	17:49	250	18:39
2025 Nov 17 (Mon)	05:47	06:37	110	12:13	52S	17:49	250	18:39
2025 Nov 18 (Tue)	05:48	06:38	110	12:13	52S	17:49	250	18:39
2025 Nov 19 (Wed)	05:48	06:38	110	12:13	52S	17:49	250	18:39

2025 Nov 20 (Thu)	05:49	06:39	111	12:14	52S	17:49	249	18:39
2025 Nov 21 (Fri)	05:49	06:39	111	12:14	51S	17:49	249	18:39
2025 Nov 22 (Sat)	05:50	06:40	111	12:14	51S	17:48	249	18:39
2025 Nov 23 (Sun)	05:50	06:41	111	12:15	51S	17:48	249	18:39
2025 Nov 24 (Mon)	05:51	06:41	112	12:15	51S	17:48	248	18:39
2025 Nov 25 (Tue)	05:51	06:42	112	12:15	51S	17:48	248	18:39
2025 Nov 26 (Wed)	05:52	06:42	112	12:15	50S	17:48	248	18:39
2025 Nov 27 (Thu)	05:53	06:43	112	12:16	50S	17:48	248	18:39
2025 Nov 28 (Fri)	05:53	06:44	112	12:16	50S	17:48	248	18:39
2025 Nov 29 (Sat)	05:54	06:44	113	12:16	50S	17:49	247	18:39
2025 Nov 30 (Sun)	05:54	06:45	113	12:17	50S	17:49	247	18:39
2025 Dec 01 (Mon)	05:55	06:45	113	12:17	50S	17:49	247	18:39
2025 Dec 02 (Tue)	05:55	06:46	113	12:18	49S	17:49	247	18:40
2025 Dec 03 (Wed)	05:56	06:47	113	12:18	49S	17:49	247	18:40
2025 Dec 04 (Thu)	05:56	06:47	113	12:18	49S	17:49	247	18:40
2025 Dec 05 (Fri)	05:57	06:48	113	12:19	49S	17:49	246	18:40
2025 Dec 06 (Sat)	05:58	06:49	114	12:19	49S	17:50	246	18:41
2025 Dec 07 (Sun)	05:58	06:49	114	12:20	49S	17:50	246	18:41
2025 Dec 08 (Mon)	05:59	06:50	114	12:20	49S	17:50	246	18:41
2025 Dec 09 (Tue)	05:59	06:50	114	12:20	49S	17:50	246	18:42
2025 Dec 10 (Wed)	06:00	06:51	114	12:21	48S	17:51	246	18:42
2025 Dec 11 (Thu)	06:00	06:52	114	12:21	48S	17:51	246	18:42
2025 Dec 12 (Fri)	06:01	06:52	114	12:22	48S	17:51	246	18:43
2025 Dec 13 (Sat)	06:02	06:53	114	12:22	48S	17:52	246	18:43
2025 Dec 14 (Sun)	06:02	06:53	114	12:23	48S	17:52	246	18:43
2025 Dec 15 (Mon)	06:03	06:54	114	12:23	48S	17:53	246	18:44
2025 Dec 16 (Tue)	06:03	06:54	114	12:24	48S	17:53	246	18:44
2025 Dec 17 (Wed)	06:04	06:55	115	12:24	48S	17:53	245	18:45
2025 Dec 18 (Thu)	06:04	06:56	115	12:25	48S	17:54	245	18:45
2025 Dec 19 (Fri)	06:05	06:56	115	12:25	48S	17:54	245	18:46
2025 Dec 20 (Sat)	06:05	06:57	115	12:26	48S	17:55	245	18:46
2025 Dec 21 (Sun)	06:06	06:57	115	12:26	48S	17:55	245	18:47
2025 Dec 22 (Mon)	06:06	06:58	115	12:27	48S	17:56	245	18:47
2025 Dec 23 (Tue)	06:07	06:58	115	12:27	48S	17:56	245	18:48
2025 Dec 24 (Wed)	06:07	06:59	115	12:28	48S	17:57	245	18:48
2025 Dec 25 (Thu)	06:08	06:59	115	12:28	48S	17:57	245	18:49
2025 Dec 26 (Fri)	06:08	06:59	115	12:29	48S	17:58	245	18:49
2025 Dec 27 (Sat)	06:09	07:00	114	12:29	48S	17:58	246	18:50
2025 Dec 28 (Sun)	06:09	07:00	114	12:30	48S	17:59	246	18:50
2025 Dec 29 (Mon)	06:09	07:01	114	12:30	48S	18:00	246	18:51
2025 Dec 30 (Tue)	06:10	07:01	114	12:31	48S	18:00	246	18:51
2025 Dec 31 (Wed)	06:10	07:01	114	12:31	48S	18:01	246	18:52

Sun

MaeHongSon

Location: E 97°58'11.9", N19°18'07.1", 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)	06:38	07:02	114	12:32	48S	18:02	246	18:25
2025 Jan 02 (Thu)	06:38	07:02	114	12:32	49S	18:02	246	18:26
2025 Jan 03 (Fri)	06:39	07:03	114	12:33	49S	18:03	246	18:27
2025 Jan 04 (Sat)	06:39	07:03	114	12:33	49S	18:03	246	18:27
2025 Jan 05 (Sun)	06:39	07:03	114	12:34	49S	18:04	246	18:28
2025 Jan 06 (Mon)	06:40	07:03	114	12:34	49S	18:05	246	18:28
2025 Jan 07 (Tue)	06:40	07:04	113	12:34	49S	18:05	247	18:29
2025 Jan 08 (Wed)	06:40	07:04	113	12:35	49S	18:06	247	18:30
2025 Jan 09 (Thu)	06:40	07:04	113	12:35	49S	18:07	247	18:30
2025 Jan 10 (Fri)	06:41	07:04	113	12:36	49S	18:07	247	18:31
2025 Jan 11 (Sat)	06:41	07:04	113	12:36	50S	18:08	247	18:31
2025 Jan 12 (Sun)	06:41	07:04	113	12:36	50S	18:09	247	18:32

2025	Jan	13	(Mon)	06:41	07:05	113	12:37	50S	18:09	248	18:33
2025	Jan	14	(Tue)	06:41	07:05	112	12:37	50S	18:10	248	18:33
2025	Jan	15	(Wed)	06:41	07:05	112	12:38	50S	18:10	248	18:34
2025	Jan	16	(Thu)	06:41	07:05	112	12:38	51S	18:11	248	18:35
2025	Jan	17	(Fri)	06:41	07:05	112	12:38	51S	18:12	248	18:35
2025	Jan	18	(Sat)	06:41	07:05	112	12:39	51S	18:12	249	18:36
2025	Jan	19	(Sun)	06:41	07:05	111	12:39	51S	18:13	249	18:36
2025	Jan	20	(Mon)	06:41	07:05	111	12:39	51S	18:14	249	18:37
2025	Jan	21	(Tue)	06:41	07:05	111	12:39	52S	18:14	249	18:38
2025	Jan	22	(Wed)	06:41	07:05	111	12:40	52S	18:15	250	18:38
2025	Jan	23	(Thu)	06:41	07:04	110	12:40	52S	18:16	250	18:39
2025	Jan	24	(Fri)	06:41	07:04	110	12:40	52S	18:16	250	18:39
2025	Jan	25	(Sat)	06:41	07:04	110	12:40	53S	18:17	250	18:40
2025	Jan	26	(Sun)	06:41	07:04	110	12:41	53S	18:17	251	18:40
2025	Jan	27	(Mon)	06:41	07:04	109	12:41	53S	18:18	251	18:41
2025	Jan	28	(Tue)	06:41	07:04	109	12:41	53S	18:19	251	18:42
2025	Jan	29	(Wed)	06:40	07:03	109	12:41	54S	18:19	251	18:42
2025	Jan	30	(Thu)	06:40	07:03	108	12:41	54S	18:20	252	18:43
2025	Jan	31	(Fri)	06:40	07:03	108	12:42	54S	18:20	252	18:43
2025	Feb	01	(Sat)	06:40	07:03	108	12:42	54S	18:21	252	18:44
2025	Feb	02	(Sun)	06:40	07:02	108	12:42	55S	18:21	253	18:44
2025	Feb	03	(Mon)	06:39	07:02	107	12:42	55S	18:22	253	18:45
2025	Feb	04	(Tue)	06:39	07:02	107	12:42	55S	18:23	253	18:45
2025	Feb	05	(Wed)	06:39	07:01	107	12:42	56S	18:23	254	18:46
2025	Feb	06	(Thu)	06:38	07:01	106	12:42	56S	18:24	254	18:46
2025	Feb	07	(Fri)	06:38	07:01	106	12:42	56S	18:24	254	18:47
2025	Feb	08	(Sat)	06:37	07:00	106	12:42	57S	18:25	255	18:47
2025	Feb	09	(Sun)	06:37	07:00	105	12:42	57S	18:25	255	18:48
2025	Feb	10	(Mon)	06:37	06:59	105	12:42	57S	18:26	255	18:48
2025	Feb	11	(Tue)	06:36	06:59	105	12:42	57S	18:26	256	18:49
2025	Feb	12	(Wed)	06:36	06:58	104	12:42	58S	18:27	256	18:49
2025	Feb	13	(Thu)	06:35	06:58	104	12:42	58S	18:27	256	18:50
2025	Feb	14	(Fri)	06:35	06:57	103	12:42	58S	18:28	257	18:50
2025	Feb	15	(Sat)	06:34	06:57	103	12:42	59S	18:28	257	18:50
2025	Feb	16	(Sun)	06:34	06:56	103	12:42	59S	18:28	257	18:51
2025	Feb	17	(Mon)	06:33	06:56	102	12:42	60S	18:29	258	18:51
2025	Feb	18	(Tue)	06:33	06:55	102	12:42	60S	18:29	258	18:52
2025	Feb	19	(Wed)	06:32	06:54	102	12:42	60S	18:30	259	18:52
2025	Feb	20	(Thu)	06:31	06:54	101	12:42	61S	18:30	259	18:52
2025	Feb	21	(Fri)	06:31	06:53	101	12:42	61S	18:31	259	18:53
2025	Feb	22	(Sat)	06:30	06:52	101	12:42	61S	18:31	260	18:53
2025	Feb	23	(Sun)	06:30	06:52	100	12:41	62S	18:31	260	18:54
2025	Feb	24	(Mon)	06:29	06:51	100	12:41	62S	18:32	260	18:54
2025	Feb	25	(Tue)	06:28	06:50	99	12:41	62S	18:32	261	18:54
2025	Feb	26	(Wed)	06:28	06:50	99	12:41	63S	18:32	261	18:55
2025	Feb	27	(Thu)	06:27	06:49	99	12:41	63S	18:33	262	18:55
2025	Feb	28	(Fri)	06:26	06:48	98	12:41	64S	18:33	262	18:55
2025	Mar	01	(Sat)	06:26	06:48	98	12:40	64S	18:34	262	18:56
2025	Mar	02	(Sun)	06:25	06:47	97	12:40	64S	18:34	263	18:56
2025	Mar	03	(Mon)	06:24	06:46	97	12:40	65S	18:34	263	18:56
2025	Mar	04	(Tue)	06:23	06:45	97	12:40	65S	18:35	264	18:57
2025	Mar	05	(Wed)	06:23	06:45	96	12:40	65S	18:35	264	18:57
2025	Mar	06	(Thu)	06:22	06:44	96	12:39	66S	18:35	265	18:57
2025	Mar	07	(Fri)	06:21	06:43	95	12:39	66S	18:35	265	18:57
2025	Mar	08	(Sat)	06:20	06:42	95	12:39	67S	18:36	265	18:58
2025	Mar	09	(Sun)	06:20	06:41	94	12:39	67S	18:36	266	18:58
2025	Mar	10	(Mon)	06:19	06:41	94	12:38	67S	18:36	266	18:58
2025	Mar	11	(Tue)	06:18	06:40	94	12:38	68S	18:37	267	18:59
2025	Mar	12	(Wed)	06:17	06:39	93	12:38	68S	18:37	267	18:59
2025	Mar	13	(Thu)	06:16	06:38	93	12:38	69S	18:37	267	18:59
2025	Mar	14	(Fri)	06:15	06:37	92	12:37	69S	18:37	268	18:59
2025	Mar	15	(Sat)	06:15	06:37	92	12:37	69S	18:38	268	19:00
2025	Mar	16	(Sun)	06:14	06:36	92	12:37	70S	18:38	269	19:00
2025	Mar	17	(Mon)	06:13	06:35	91	12:36	70S	18:38	269	19:00
2025	Mar	18	(Tue)	06:12	06:34	91	12:36	71S	18:39	269	19:00
2025	Mar	19	(Wed)	06:11	06:33	90	12:36	71S	18:39	270	19:01
2025	Mar	20	(Thu)	06:10	06:32	90	12:36	71S	18:39	270	19:01

2025 Mar 21 (Fri)	06:10	06:31	89	12:35	72S	18:39	271	19:01
2025 Mar 22 (Sat)	06:09	06:31	89	12:35	72S	18:40	271	19:02
2025 Mar 23 (Sun)	06:08	06:30	89	12:35	73S	18:40	272	19:02
2025 Mar 24 (Mon)	06:07	06:29	88	12:34	73S	18:40	272	19:02
2025 Mar 25 (Tue)	06:06	06:28	88	12:34	73S	18:40	272	19:02
2025 Mar 26 (Wed)	06:05	06:27	87	12:34	74S	18:41	273	19:03
2025 Mar 27 (Thu)	06:04	06:26	87	12:33	74S	18:41	273	19:03
2025 Mar 28 (Fri)	06:04	06:26	87	12:33	74S	18:41	274	19:03
2025 Mar 29 (Sat)	06:03	06:25	86	12:33	75S	18:41	274	19:03
2025 Mar 30 (Sun)	06:02	06:24	86	12:33	75S	18:42	274	19:04
2025 Mar 31 (Mon)	06:01	06:23	85	12:32	76S	18:42	275	19:04
2025 Apr 01 (Tue)	06:00	06:22	85	12:32	76S	18:42	275	19:04
2025 Apr 02 (Wed)	05:59	06:21	84	12:32	76S	18:42	276	19:04
2025 Apr 03 (Thu)	05:58	06:20	84	12:31	77S	18:43	276	19:05
2025 Apr 04 (Fri)	05:58	06:20	84	12:31	77S	18:43	277	19:05
2025 Apr 05 (Sat)	05:57	06:19	83	12:31	78S	18:43	277	19:05
2025 Apr 06 (Sun)	05:56	06:18	83	12:31	78S	18:43	277	19:05
2025 Apr 07 (Mon)	05:55	06:17	82	12:30	78S	18:44	278	19:06
2025 Apr 08 (Tue)	05:54	06:16	82	12:30	79S	18:44	278	19:06
2025 Apr 09 (Wed)	05:53	06:16	82	12:30	79S	18:44	279	19:06
2025 Apr 10 (Thu)	05:53	06:15	81	12:29	79S	18:44	279	19:07
2025 Apr 11 (Fri)	05:52	06:14	81	12:29	80S	18:45	279	19:07
2025 Apr 12 (Sat)	05:51	06:13	80	12:29	80S	18:45	280	19:07
2025 Apr 13 (Sun)	05:50	06:12	80	12:29	81S	18:45	280	19:08
2025 Apr 14 (Mon)	05:49	06:12	80	12:28	81S	18:45	280	19:08
2025 Apr 15 (Tue)	05:48	06:11	79	12:28	81S	18:46	281	19:08
2025 Apr 16 (Wed)	05:48	06:10	79	12:28	82S	18:46	281	19:08
2025 Apr 17 (Thu)	05:47	06:09	79	12:28	82S	18:46	282	19:09
2025 Apr 18 (Fri)	05:46	06:09	78	12:27	82S	18:47	282	19:09
2025 Apr 19 (Sat)	05:45	06:08	78	12:27	83S	18:47	282	19:09
2025 Apr 20 (Sun)	05:45	06:07	77	12:27	83S	18:47	283	19:10
2025 Apr 21 (Mon)	05:44	06:06	77	12:27	83S	18:47	283	19:10
2025 Apr 22 (Tue)	05:43	06:06	77	12:27	84S	18:48	283	19:10
2025 Apr 23 (Wed)	05:42	06:05	76	12:26	84S	18:48	284	19:11
2025 Apr 24 (Thu)	05:42	06:04	76	12:26	84S	18:48	284	19:11
2025 Apr 25 (Fri)	05:41	06:04	76	12:26	85S	18:49	284	19:11
2025 Apr 26 (Sat)	05:40	06:03	75	12:26	85S	18:49	285	19:12
2025 Apr 27 (Sun)	05:40	06:02	75	12:26	85S	18:49	285	19:12
2025 Apr 28 (Mon)	05:39	06:02	75	12:26	86S	18:50	285	19:13
2025 Apr 29 (Tue)	05:38	06:01	74	12:25	86S	18:50	286	19:13
2025 Apr 30 (Wed)	05:38	06:01	74	12:25	86S	18:50	286	19:13
2025 May 01 (Thu)	05:37	06:00	74	12:25	87S	18:51	286	19:14
2025 May 02 (Fri)	05:36	05:59	73	12:25	87S	18:51	287	19:14
2025 May 03 (Sat)	05:36	05:59	73	12:25	87S	18:51	287	19:14
2025 May 04 (Sun)	05:35	05:58	73	12:25	87S	18:52	287	19:15
2025 May 05 (Mon)	05:35	05:58	72	12:25	88S	18:52	288	19:15
2025 May 06 (Tue)	05:34	05:57	72	12:25	88S	18:53	288	19:16
2025 May 07 (Wed)	05:34	05:57	72	12:25	88S	18:53	288	19:16
2025 May 08 (Thu)	05:33	05:56	72	12:25	89S	18:53	289	19:17
2025 May 09 (Fri)	05:32	05:56	71	12:25	89S	18:54	289	19:17
2025 May 10 (Sat)	05:32	05:55	71	12:25	89S	18:54	289	19:17
2025 May 11 (Sun)	05:31	05:55	71	12:24	89S	18:54	289	19:18
2025 May 12 (Mon)	05:31	05:54	70	12:24	90S	18:55	290	19:18
2025 May 13 (Tue)	05:31	05:54	70	12:24	90S	18:55	290	19:19
2025 May 14 (Wed)	05:30	05:54	70	12:24	90S	18:56	290	19:19
2025 May 15 (Thu)	05:30	05:53	70	12:24	90S	18:56	290	19:19
2025 May 16 (Fri)	05:29	05:53	69	12:24	91S	18:56	291	19:20
2025 May 17 (Sat)	05:29	05:53	69	12:25	91N	18:57	291	19:20
2025 May 18 (Sun)	05:29	05:52	69	12:25	90N	18:57	291	19:21
2025 May 19 (Mon)	05:28	05:52	69	12:25	90N	18:57	291	19:21
2025 May 20 (Tue)	05:28	05:52	68	12:25	90N	18:58	292	19:22
2025 May 21 (Wed)	05:28	05:51	68	12:25	90N	18:58	292	19:22
2025 May 22 (Thu)	05:27	05:51	68	12:25	90N	18:59	292	19:22
2025 May 23 (Fri)	05:27	05:51	68	12:25	89N	18:59	292	19:23
2025 May 24 (Sat)	05:27	05:51	68	12:25	89N	18:59	292	19:23
2025 May 25 (Sun)	05:26	05:50	67	12:25	89N	19:00	293	19:24
2025 May 26 (Mon)	05:26	05:50	67	12:25	89N	19:00	293	19:24

2025	May	27	(Tue)	05:26	05:50	67	12:25	89N	19:01	293	19:25
2025	May	28	(Wed)	05:26	05:50	67	12:25	89N	19:01	293	19:25
2025	May	29	(Thu)	05:26	05:50	67	12:26	88N	19:01	293	19:26
2025	May	30	(Fri)	05:26	05:50	67	12:26	88N	19:02	294	19:26
2025	May	31	(Sat)	05:25	05:50	66	12:26	88N	19:02	294	19:26
2025	Jun	01	(Sun)	05:25	05:49	66	12:26	88N	19:03	294	19:27
2025	Jun	02	(Mon)	05:25	05:49	66	12:26	88N	19:03	294	19:27
2025	Jun	03	(Tue)	05:25	05:49	66	12:26	88N	19:03	294	19:28
2025	Jun	04	(Wed)	05:25	05:49	66	12:26	88N	19:04	294	19:28
2025	Jun	05	(Thu)	05:25	05:49	66	12:27	87N	19:04	294	19:28
2025	Jun	06	(Fri)	05:25	05:49	66	12:27	87N	19:04	294	19:29
2025	Jun	07	(Sat)	05:25	05:49	65	12:27	87N	19:05	295	19:29
2025	Jun	08	(Sun)	05:25	05:49	65	12:27	87N	19:05	295	19:29
2025	Jun	09	(Mon)	05:25	05:49	65	12:27	87N	19:05	295	19:30
2025	Jun	10	(Tue)	05:25	05:49	65	12:28	87N	19:06	295	19:30
2025	Jun	11	(Wed)	05:25	05:50	65	12:28	87N	19:06	295	19:30
2025	Jun	12	(Thu)	05:25	05:50	65	12:28	87N	19:06	295	19:31
2025	Jun	13	(Fri)	05:25	05:50	65	12:28	87N	19:07	295	19:31
2025	Jun	14	(Sat)	05:25	05:50	65	12:28	87N	19:07	295	19:31
2025	Jun	15	(Sun)	05:26	05:50	65	12:29	87N	19:07	295	19:32
2025	Jun	16	(Mon)	05:26	05:50	65	12:29	87N	19:08	295	19:32
2025	Jun	17	(Tue)	05:26	05:50	65	12:29	87N	19:08	295	19:32
2025	Jun	18	(Wed)	05:26	05:50	65	12:29	87N	19:08	295	19:33
2025	Jun	19	(Thu)	05:26	05:51	65	12:29	87N	19:08	295	19:33
2025	Jun	20	(Fri)	05:26	05:51	65	12:30	87N	19:09	295	19:33
2025	Jun	21	(Sat)	05:27	05:51	65	12:30	87N	19:09	295	19:33
2025	Jun	22	(Sun)	05:27	05:51	65	12:30	87N	19:09	295	19:33
2025	Jun	23	(Mon)	05:27	05:52	65	12:30	87N	19:09	295	19:34
2025	Jun	24	(Tue)	05:27	05:52	65	12:31	87N	19:09	295	19:34
2025	Jun	25	(Wed)	05:28	05:52	65	12:31	87N	19:10	295	19:34
2025	Jun	26	(Thu)	05:28	05:52	65	12:31	87N	19:10	295	19:34
2025	Jun	27	(Fri)	05:28	05:53	65	12:31	87N	19:10	295	19:34
2025	Jun	28	(Sat)	05:28	05:53	65	12:31	87N	19:10	295	19:34
2025	Jun	29	(Sun)	05:29	05:53	65	12:32	87N	19:10	295	19:34
2025	Jun	30	(Mon)	05:29	05:53	65	12:32	87N	19:10	295	19:35
2025	Jul	01	(Tue)	05:29	05:54	65	12:32	87N	19:10	295	19:35
2025	Jul	02	(Wed)	05:30	05:54	65	12:32	87N	19:10	295	19:35
2025	Jul	03	(Thu)	05:30	05:54	65	12:32	87N	19:10	295	19:35
2025	Jul	04	(Fri)	05:30	05:55	65	12:33	87N	19:10	295	19:35
2025	Jul	05	(Sat)	05:31	05:55	65	12:33	87N	19:10	294	19:35
2025	Jul	06	(Sun)	05:31	05:55	66	12:33	87N	19:10	294	19:35
2025	Jul	07	(Mon)	05:31	05:56	66	12:33	87N	19:10	294	19:35
2025	Jul	08	(Tue)	05:32	05:56	66	12:33	88N	19:10	294	19:35
2025	Jul	09	(Wed)	05:32	05:56	66	12:33	88N	19:10	294	19:34
2025	Jul	10	(Thu)	05:33	05:57	66	12:34	88N	19:10	294	19:34
2025	Jul	11	(Fri)	05:33	05:57	66	12:34	88N	19:10	294	19:34
2025	Jul	12	(Sat)	05:33	05:57	66	12:34	88N	19:10	294	19:34
2025	Jul	13	(Sun)	05:34	05:58	66	12:34	88N	19:10	293	19:34
2025	Jul	14	(Mon)	05:34	05:58	67	12:34	88N	19:10	293	19:34
2025	Jul	15	(Tue)	05:35	05:59	67	12:34	89N	19:10	293	19:34
2025	Jul	16	(Wed)	05:35	05:59	67	12:34	89N	19:09	293	19:33
2025	Jul	17	(Thu)	05:35	05:59	67	12:34	89N	19:09	293	19:33
2025	Jul	18	(Fri)	05:36	06:00	67	12:34	89N	19:09	293	19:33
2025	Jul	19	(Sat)	05:36	06:00	68	12:34	89N	19:09	292	19:33
2025	Jul	20	(Sun)	05:37	06:00	68	12:35	89N	19:08	292	19:32
2025	Jul	21	(Mon)	05:37	06:01	68	12:35	90N	19:08	292	19:32
2025	Jul	22	(Tue)	05:37	06:01	68	12:35	90N	19:08	292	19:32
2025	Jul	23	(Wed)	05:38	06:01	68	12:35	90N	19:08	292	19:31
2025	Jul	24	(Thu)	05:38	06:02	69	12:35	90N	19:07	291	19:31
2025	Jul	25	(Fri)	05:39	06:02	69	12:35	90N	19:07	291	19:31
2025	Jul	26	(Sat)	05:39	06:03	69	12:35	91N	19:07	291	19:30
2025	Jul	27	(Sun)	05:39	06:03	69	12:35	91S	19:06	291	19:30
2025	Jul	28	(Mon)	05:40	06:03	70	12:35	90S	19:06	290	19:29
2025	Jul	29	(Tue)	05:40	06:04	70	12:35	90S	19:05	290	19:29
2025	Jul	30	(Wed)	05:40	06:04	70	12:35	90S	19:05	290	19:28
2025	Jul	31	(Thu)	05:41	06:04	70	12:35	90S	19:05	290	19:28
2025	Aug	01	(Fri)	05:41	06:05	71	12:35	89S	19:04	289	19:27

2025	Aug	02	(Sat)	05:42	06:05	71	12:34	89S	19:04	289	19:27
2025	Aug	03	(Sun)	05:42	06:05	71	12:34	89S	19:03	289	19:26
2025	Aug	04	(Mon)	05:42	06:06	71	12:34	89S	19:03	288	19:26
2025	Aug	05	(Tue)	05:43	06:06	72	12:34	88S	19:02	288	19:25
2025	Aug	06	(Wed)	05:43	06:06	72	12:34	88S	19:02	288	19:25
2025	Aug	07	(Thu)	05:43	06:07	72	12:34	88S	19:01	288	19:24
2025	Aug	08	(Fri)	05:44	06:07	73	12:34	87S	19:00	287	19:24
2025	Aug	09	(Sat)	05:44	06:07	73	12:34	87S	19:00	287	19:23
2025	Aug	10	(Sun)	05:45	06:08	73	12:34	87S	18:59	287	19:22
2025	Aug	11	(Mon)	05:45	06:08	74	12:33	87S	18:59	286	19:22
2025	Aug	12	(Tue)	05:45	06:08	74	12:33	86S	18:58	286	19:21
2025	Aug	13	(Wed)	05:45	06:08	74	12:33	86S	18:57	286	19:20
2025	Aug	14	(Thu)	05:46	06:09	74	12:33	86S	18:57	285	19:20
2025	Aug	15	(Fri)	05:46	06:09	75	12:33	85S	18:56	285	19:19
2025	Aug	16	(Sat)	05:46	06:09	75	12:32	85S	18:55	285	19:18
2025	Aug	17	(Sun)	05:47	06:09	75	12:32	85S	18:55	284	19:17
2025	Aug	18	(Mon)	05:47	06:10	76	12:32	84S	18:54	284	19:17
2025	Aug	19	(Tue)	05:47	06:10	76	12:32	84S	18:53	284	19:16
2025	Aug	20	(Wed)	05:48	06:10	77	12:32	84S	18:53	283	19:15
2025	Aug	21	(Thu)	05:48	06:11	77	12:31	83S	18:52	283	19:14
2025	Aug	22	(Fri)	05:48	06:11	77	12:31	83S	18:51	283	19:14
2025	Aug	23	(Sat)	05:48	06:11	78	12:31	83S	18:50	282	19:13
2025	Aug	24	(Sun)	05:49	06:11	78	12:31	82S	18:50	282	19:12
2025	Aug	25	(Mon)	05:49	06:11	78	12:30	82S	18:49	282	19:11
2025	Aug	26	(Tue)	05:49	06:12	79	12:30	82S	18:48	281	19:10
2025	Aug	27	(Wed)	05:50	06:12	79	12:30	81S	18:47	281	19:10
2025	Aug	28	(Thu)	05:50	06:12	79	12:29	81S	18:46	280	19:09
2025	Aug	29	(Fri)	05:50	06:12	80	12:29	81S	18:46	280	19:08
2025	Aug	30	(Sat)	05:50	06:13	80	12:29	80S	18:45	280	19:07
2025	Aug	31	(Sun)	05:51	06:13	81	12:28	80S	18:44	279	19:06
2025	Sep	01	(Mon)	05:51	06:13	81	12:28	80S	18:43	279	19:05
2025	Sep	02	(Tue)	05:51	06:13	81	12:28	79S	18:42	278	19:04
2025	Sep	03	(Wed)	05:51	06:13	82	12:28	79S	18:41	278	19:03
2025	Sep	04	(Thu)	05:51	06:14	82	12:27	78S	18:40	278	19:03
2025	Sep	05	(Fri)	05:52	06:14	82	12:27	78S	18:40	277	19:02
2025	Sep	06	(Sat)	05:52	06:14	83	12:27	78S	18:39	277	19:01
2025	Sep	07	(Sun)	05:52	06:14	83	12:26	77S	18:38	277	19:00
2025	Sep	08	(Mon)	05:52	06:14	84	12:26	77S	18:37	276	18:59
2025	Sep	09	(Tue)	05:53	06:15	84	12:25	77S	18:36	276	18:58
2025	Sep	10	(Wed)	05:53	06:15	84	12:25	76S	18:35	275	18:57
2025	Sep	11	(Thu)	05:53	06:15	85	12:25	76S	18:34	275	18:56
2025	Sep	12	(Fri)	05:53	06:15	85	12:24	75S	18:33	275	18:55
2025	Sep	13	(Sat)	05:53	06:15	86	12:24	75S	18:33	274	18:55
2025	Sep	14	(Sun)	05:54	06:15	86	12:24	75S	18:32	274	18:54
2025	Sep	15	(Mon)	05:54	06:16	87	12:23	74S	18:31	273	18:53
2025	Sep	16	(Tue)	05:54	06:16	87	12:23	74S	18:30	273	18:52
2025	Sep	17	(Wed)	05:54	06:16	87	12:23	74S	18:29	272	18:51
2025	Sep	18	(Thu)	05:54	06:16	88	12:22	73S	18:28	272	18:50
2025	Sep	19	(Fri)	05:55	06:16	88	12:22	73S	18:27	272	18:49
2025	Sep	20	(Sat)	05:55	06:17	89	12:22	72S	18:26	271	18:48
2025	Sep	21	(Sun)	05:55	06:17	89	12:21	72S	18:25	271	18:47
2025	Sep	22	(Mon)	05:55	06:17	89	12:21	72S	18:24	270	18:46
2025	Sep	23	(Tue)	05:55	06:17	90	12:21	71S	18:24	270	18:45
2025	Sep	24	(Wed)	05:55	06:17	90	12:20	71S	18:23	270	18:45
2025	Sep	25	(Thu)	05:56	06:18	91	12:20	70S	18:22	269	18:44
2025	Sep	26	(Fri)	05:56	06:18	91	12:19	70S	18:21	269	18:43
2025	Sep	27	(Sat)	05:56	06:18	91	12:19	70S	18:20	268	18:42
2025	Sep	28	(Sun)	05:56	06:18	92	12:19	69S	18:19	268	18:41
2025	Sep	29	(Mon)	05:57	06:18	92	12:18	69S	18:18	268	18:40
2025	Sep	30	(Tue)	05:57	06:19	93	12:18	69S	18:17	267	18:39
2025	Oct	01	(Wed)	05:57	06:19	93	12:18	68S	18:16	267	18:38
2025	Oct	02	(Thu)	05:57	06:19	94	12:17	68S	18:16	266	18:38
2025	Oct	03	(Fri)	05:57	06:19	94	12:17	67S	18:15	266	18:37
2025	Oct	04	(Sat)	05:58	06:20	94	12:17	67S	18:14	265	18:36
2025	Oct	05	(Sun)	05:58	06:20	95	12:17	67S	18:13	265	18:35
2025	Oct	06	(Mon)	05:58	06:20	95	12:16	66S	18:12	265	18:34
2025	Oct	07	(Tue)	05:58	06:20	96	12:16	66S	18:11	264	18:33

2025	Oct	08	(Wed)	05:59	06:20	96	12:16	65S	18:11	264	18:33
2025	Oct	09	(Thu)	05:59	06:21	96	12:15	65S	18:10	263	18:32
2025	Oct	10	(Fri)	05:59	06:21	97	12:15	65S	18:09	263	18:31
2025	Oct	11	(Sat)	05:59	06:21	97	12:15	64S	18:08	263	18:30
2025	Oct	12	(Sun)	06:00	06:22	98	12:15	64S	18:07	262	18:29
2025	Oct	13	(Mon)	06:00	06:22	98	12:14	64S	18:07	262	18:29
2025	Oct	14	(Tue)	06:00	06:22	98	12:14	63S	18:06	261	18:28
2025	Oct	15	(Wed)	06:00	06:22	99	12:14	63S	18:05	261	18:27
2025	Oct	16	(Thu)	06:01	06:23	99	12:14	62S	18:04	261	18:27
2025	Oct	17	(Fri)	06:01	06:23	100	12:13	62S	18:04	260	18:26
2025	Oct	18	(Sat)	06:01	06:23	100	12:13	62S	18:03	260	18:25
2025	Oct	19	(Sun)	06:02	06:24	100	12:13	61S	18:02	260	18:24
2025	Oct	20	(Mon)	06:02	06:24	101	12:13	61S	18:02	259	18:24
2025	Oct	21	(Tue)	06:02	06:24	101	12:13	61S	18:01	259	18:23
2025	Oct	22	(Wed)	06:02	06:25	101	12:13	60S	18:00	258	18:23
2025	Oct	23	(Thu)	06:03	06:25	102	12:12	60S	18:00	258	18:22
2025	Oct	24	(Fri)	06:03	06:25	102	12:12	60S	17:59	258	18:21
2025	Oct	25	(Sat)	06:03	06:26	103	12:12	59S	17:58	257	18:21
2025	Oct	26	(Sun)	06:04	06:26	103	12:12	59S	17:58	257	18:20
2025	Oct	27	(Mon)	06:04	06:27	103	12:12	59S	17:57	257	18:20
2025	Oct	28	(Tue)	06:05	06:27	104	12:12	58S	17:57	256	18:19
2025	Oct	29	(Wed)	06:05	06:27	104	12:12	58S	17:56	256	18:19
2025	Oct	30	(Thu)	06:05	06:28	104	12:12	58S	17:55	256	18:18
2025	Oct	31	(Fri)	06:06	06:28	105	12:12	57S	17:55	255	18:18
2025	Nov	01	(Sat)	06:06	06:29	105	12:12	57S	17:54	255	18:17
2025	Nov	02	(Sun)	06:07	06:29	105	12:12	57S	17:54	254	18:17
2025	Nov	03	(Mon)	06:07	06:30	106	12:12	56S	17:54	254	18:16
2025	Nov	04	(Tue)	06:07	06:30	106	12:12	56S	17:53	254	18:16
2025	Nov	05	(Wed)	06:08	06:31	106	12:12	56S	17:53	254	18:15
2025	Nov	06	(Thu)	06:08	06:31	107	12:12	55S	17:52	253	18:15
2025	Nov	07	(Fri)	06:09	06:32	107	12:12	55S	17:52	253	18:15
2025	Nov	08	(Sat)	06:09	06:32	107	12:12	55S	17:51	253	18:14
2025	Nov	09	(Sun)	06:10	06:33	108	12:12	54S	17:51	252	18:14
2025	Nov	10	(Mon)	06:10	06:33	108	12:12	54S	17:51	252	18:14
2025	Nov	11	(Tue)	06:11	06:34	108	12:12	54S	17:50	252	18:13
2025	Nov	12	(Wed)	06:11	06:34	108	12:12	54S	17:50	251	18:13
2025	Nov	13	(Thu)	06:12	06:35	109	12:12	53S	17:50	251	18:13
2025	Nov	14	(Fri)	06:12	06:35	109	12:13	53S	17:50	251	18:13
2025	Nov	15	(Sat)	06:13	06:36	109	12:13	53S	17:49	251	18:12
2025	Nov	16	(Sun)	06:13	06:36	110	12:13	53S	17:49	250	18:12
2025	Nov	17	(Mon)	06:14	06:37	110	12:13	52S	17:49	250	18:12
2025	Nov	18	(Tue)	06:14	06:38	110	12:13	52S	17:49	250	18:12
2025	Nov	19	(Wed)	06:15	06:38	110	12:13	52S	17:49	250	18:12
2025	Nov	20	(Thu)	06:15	06:39	111	12:14	52S	17:49	249	18:12
2025	Nov	21	(Fri)	06:16	06:39	111	12:14	51S	17:49	249	18:12
2025	Nov	22	(Sat)	06:17	06:40	111	12:14	51S	17:48	249	18:12
2025	Nov	23	(Sun)	06:17	06:41	111	12:15	51S	17:48	249	18:12
2025	Nov	24	(Mon)	06:18	06:41	112	12:15	51S	17:48	248	18:12
2025	Nov	25	(Tue)	06:18	06:42	112	12:15	51S	17:48	248	18:12
2025	Nov	26	(Wed)	06:19	06:42	112	12:15	50S	17:48	248	18:12
2025	Nov	27	(Thu)	06:19	06:43	112	12:16	50S	17:48	248	18:12
2025	Nov	28	(Fri)	06:20	06:44	112	12:16	50S	17:48	248	18:12
2025	Nov	29	(Sat)	06:21	06:44	113	12:16	50S	17:49	247	18:12
2025	Nov	30	(Sun)	06:21	06:45	113	12:17	50S	17:49	247	18:12
2025	Dec	01	(Mon)	06:22	06:45	113	12:17	50S	17:49	247	18:12
2025	Dec	02	(Tue)	06:22	06:46	113	12:18	49S	17:49	247	18:13
2025	Dec	03	(Wed)	06:23	06:47	113	12:18	49S	17:49	247	18:13
2025	Dec	04	(Thu)	06:24	06:47	113	12:18	49S	17:49	247	18:13
2025	Dec	05	(Fri)	06:24	06:48	113	12:19	49S	17:49	246	18:13
2025	Dec	06	(Sat)	06:25	06:49	114	12:19	49S	17:50	246	18:13
2025	Dec	07	(Sun)	06:25	06:49	114	12:20	49S	17:50	246	18:14
2025	Dec	08	(Mon)	06:26	06:50	114	12:20	49S	17:50	246	18:14
2025	Dec	09	(Tue)	06:27	06:50	114	12:20	49S	17:50	246	18:14
2025	Dec	10	(Wed)	06:27	06:51	114	12:21	48S	17:51	246	18:15
2025	Dec	11	(Thu)	06:28	06:52	114	12:21	48S	17:51	246	18:15
2025	Dec	12	(Fri)	06:28	06:52	114	12:22	48S	17:51	246	18:15
2025	Dec	13	(Sat)	06:29	06:53	114	12:22	48S	17:52	246	18:16

2025	Dec 14	(Sun)	06:29	06:53	114	12:23	48S	17:52	246	18:16
2025	Dec 15	(Mon)	06:30	06:54	114	12:23	48S	17:53	246	18:16
2025	Dec 16	(Tue)	06:31	06:54	114	12:24	48S	17:53	246	18:17
2025	Dec 17	(Wed)	06:31	06:55	115	12:24	48S	17:53	245	18:17
2025	Dec 18	(Thu)	06:32	06:56	115	12:25	48S	17:54	245	18:18
2025	Dec 19	(Fri)	06:32	06:56	115	12:25	48S	17:54	245	18:18
2025	Dec 20	(Sat)	06:33	06:57	115	12:26	48S	17:55	245	18:19
2025	Dec 21	(Sun)	06:33	06:57	115	12:26	48S	17:55	245	18:19
2025	Dec 22	(Mon)	06:34	06:58	115	12:27	48S	17:56	245	18:20
2025	Dec 23	(Tue)	06:34	06:58	115	12:27	48S	17:56	245	18:20
2025	Dec 24	(Wed)	06:35	06:59	115	12:28	48S	17:57	245	18:21
2025	Dec 25	(Thu)	06:35	06:59	115	12:28	48S	17:57	245	18:21
2025	Dec 26	(Fri)	06:36	06:59	115	12:29	48S	17:58	245	18:22
2025	Dec 27	(Sat)	06:36	07:00	114	12:29	48S	17:58	246	18:22
2025	Dec 28	(Sun)	06:36	07:00	114	12:30	48S	17:59	246	18:23
2025	Dec 29	(Mon)	06:37	07:01	114	12:30	48S	18:00	246	18:23
2025	Dec 30	(Tue)	06:37	07:01	114	12:31	48S	18:00	246	18:24
2025	Dec 31	(Wed)	06:38	07:01	114	12:31	48S	18:01	246	18:25

Moon

MaeHongSon

Location: E 97°58'11.9", N19°18'07.1", 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)	08:13	117		13:47	46S		19:22	244	
2025 Jan 02 (Thu)	09:02	113		14:41	50S		20:24	249	
2025 Jan 03 (Fri)	09:46	108		15:33	55S		21:23	255	
2025 Jan 04 (Sat)	10:26	102		16:22	62S		22:22	262	
2025 Jan 05 (Sun)	11:04	94		17:09	69S		23:19	269	
2025 Jan 06 (Mon)	11:41	87		17:56	76S				
2025 Jan 07 (Tue)	12:19	80		18:44	82S		00:16	276	
2025 Jan 08 (Wed)	12:59	73		19:35	89S		01:15	284	
2025 Jan 09 (Thu)	13:44	68		20:29	88N		02:16	290	
2025 Jan 10 (Fri)	14:34	63		21:28	84N		03:20	295	
2025 Jan 11 (Sat)	15:29	60		22:29	82N		04:25	299	
2025 Jan 12 (Sun)	16:30	60		23:30	82N		05:29	300	
2025 Jan 13 (Mon)	17:33	61					06:29	300	
2025 Jan 14 (Tue)	18:34	64		00:29	83N		07:23	297	
2025 Jan 15 (Wed)	19:33	69		01:24	87N		08:10	293	
2025 Jan 16 (Thu)	20:28	75		02:15	90S		08:51	288	
2025 Jan 17 (Fri)	21:20	81		03:00	84S		09:28	282	
2025 Jan 18 (Sat)	22:09	87		03:43	79S		10:01	276	
2025 Jan 19 (Sun)	22:57	93		04:23	73S		10:32	270	
2025 Jan 20 (Mon)	23:45	99		05:02	67S		11:03	264	
2025 Jan 21 (Tue)				05:42	61S		11:35	258	
2025 Jan 22 (Wed)	00:34	105		06:23	55S		12:08	252	
2025 Jan 23 (Thu)	01:24	110		07:06	51S		12:45	248	
2025 Jan 24 (Fri)	02:17	115		07:53	47S		13:26	244	
2025 Jan 25 (Sat)	03:13	118		08:44	44S		14:13	241	
2025 Jan 26 (Sun)	04:10	120		09:39	42S		15:06	240	
2025 Jan 27 (Mon)	05:07	120		10:36	42S		16:05	240	
2025 Jan 28 (Tue)	06:02	119		11:34	44S		17:07	243	
2025 Jan 29 (Wed)	06:54	115		12:30	48S		18:10	247	
2025 Jan 30 (Thu)	07:40	110		13:24	53S		19:12	253	
2025 Jan 31 (Fri)	08:23	104		14:15	59S		20:13	259	
2025 Feb 01 (Sat)	09:03	97		15:05	66S		21:12	267	
2025 Feb 02 (Sun)	09:41	89		15:53	73S		22:10	274	
2025 Feb 03 (Mon)	10:19	82		16:42	81S		23:10	282	
2025 Feb 04 (Tue)	10:59	75		17:32	87S				
2025 Feb 05 (Wed)	11:42	69		18:25	89N		00:10	288	
2025 Feb 06 (Thu)	12:30	64		19:22	84N		01:13	294	

2025 Feb 07 (Fri)	13:23	61	20:21	82N	02:17	298
2025 Feb 08 (Sat)	14:21	60	21:21	81N	03:20	300
2025 Feb 09 (Sun)	15:21	60	22:20	82N	04:21	300
2025 Feb 10 (Mon)	16:22	63	23:15	85N	05:16	298
2025 Feb 11 (Tue)	17:22	67			06:04	295
2025 Feb 12 (Wed)	18:18	72	00:07	90N	06:47	290
2025 Feb 13 (Thu)	19:11	78	00:54	87S	07:25	285
2025 Feb 14 (Fri)	20:01	84	01:37	81S	07:59	279
2025 Feb 15 (Sat)	20:50	91	02:18	75S	08:31	272
2025 Feb 16 (Sun)	21:38	97	02:58	69S	09:02	266
2025 Feb 17 (Mon)	22:26	103	03:37	63S	09:33	260
2025 Feb 18 (Tue)	23:15	108	04:18	57S	10:06	254
2025 Feb 19 (Wed)			05:00	52S	10:41	249
2025 Feb 20 (Thu)	00:07	113	05:45	48S	11:20	245
2025 Feb 21 (Fri)	01:01	117	06:33	45S	12:04	242
2025 Feb 22 (Sat)	01:57	120	07:26	43S	12:53	240
2025 Feb 23 (Sun)	02:53	121	08:21	42S	13:48	239
2025 Feb 24 (Mon)	03:48	120	09:17	43S	14:48	241
2025 Feb 25 (Tue)	04:41	117	10:14	46S	15:50	244
2025 Feb 26 (Wed)	05:30	113	11:09	50S	16:53	250
2025 Feb 27 (Thu)	06:14	107	12:02	56S	17:55	256
2025 Feb 28 (Fri)	06:56	100	12:54	63S	18:56	263
2025 Mar 01 (Sat)	07:36	93	13:44	70S	19:57	271
2025 Mar 02 (Sun)	08:15	85	14:34	78S	20:58	279
2025 Mar 03 (Mon)	08:55	78	15:25	85S	22:00	286
2025 Mar 04 (Tue)	09:39	71	16:19	90N	23:04	292
2025 Mar 05 (Wed)	10:26	65	17:16	86N		
2025 Mar 06 (Thu)	11:18	62	18:15	82N	00:10	297
2025 Mar 07 (Fri)	12:15	60	19:15	81N	01:14	300
2025 Mar 08 (Sat)	13:15	60	20:15	82N	02:16	301
2025 Mar 09 (Sun)	14:16	62	21:11	84N	03:12	299
2025 Mar 10 (Mon)	15:15	65	22:02	88N	04:02	296
2025 Mar 11 (Tue)	16:11	70	22:50	89S	04:46	292
2025 Mar 12 (Wed)	17:04	76	23:34	83S	05:24	287
2025 Mar 13 (Thu)	17:55	82			05:59	281
2025 Mar 14 (Fri)	18:44	88	00:16	77S	06:32	275
2025 Mar 15 (Sat)	19:32	95	00:55	71S	07:03	268
2025 Mar 16 (Sun)	20:20	101	01:35	65S	07:34	262
2025 Mar 17 (Mon)	21:09	107	02:15	59S	08:06	256
2025 Mar 18 (Tue)	22:00	112	02:56	54S	08:40	251
2025 Mar 19 (Wed)	22:53	116	03:40	50S	09:17	246
2025 Mar 20 (Thu)	23:47	119	04:27	46S	09:59	243
2025 Mar 21 (Fri)			05:17	43S	10:45	240
2025 Mar 22 (Sat)	00:42	120	06:10	42S	11:37	239
2025 Mar 23 (Sun)	01:37	120	07:05	42S	12:33	240
2025 Mar 24 (Mon)	02:29	119	08:00	44S	13:33	243
2025 Mar 25 (Tue)	03:18	115	08:54	48S	14:34	247
2025 Mar 26 (Wed)	04:04	110	09:47	53S	15:35	252
2025 Mar 27 (Thu)	04:46	104	10:39	59S	16:36	259
2025 Mar 28 (Fri)	05:26	97	11:29	66S	17:37	267
2025 Mar 29 (Sat)	06:06	89	12:20	74S	18:38	275
2025 Mar 30 (Sun)	06:47	81	13:11	81S	19:42	283
2025 Mar 31 (Mon)	07:30	74	14:06	88S	20:47	290
2025 Apr 01 (Tue)	08:17	68	15:04	87N	21:55	295
2025 Apr 02 (Wed)	09:09	63	16:04	83N	23:02	299
2025 Apr 03 (Thu)	10:07	60	17:07	81N		
2025 Apr 04 (Fri)	11:08	60	18:08	81N	00:07	300
2025 Apr 05 (Sat)	12:09	61	19:06	83N	01:07	300
2025 Apr 06 (Sun)	13:10	64	20:00	87N	02:00	297
2025 Apr 07 (Mon)	14:07	69	20:49	90S	02:46	293
2025 Apr 08 (Tue)	15:01	74	21:33	85S	03:26	288
2025 Apr 09 (Wed)	15:52	80	22:15	79S	04:01	283
2025 Apr 10 (Thu)	16:40	86	22:55	73S	04:34	277
2025 Apr 11 (Fri)	17:28	93	23:34	67S	05:05	271
2025 Apr 12 (Sat)	18:16	99			05:36	264
2025 Apr 13 (Sun)	19:05	105	00:14	61S	06:07	258
2025 Apr 14 (Mon)	19:55	110	00:54	56S	06:41	253

2025 Apr 15 (Tue)	20:47 114	01:37 51S	07:17 248
2025 Apr 16 (Wed)	21:41 118	02:23 47S	07:57 244
2025 Apr 17 (Thu)	22:36 120	03:12 44S	08:41 241
2025 Apr 18 (Fri)	23:30 121	04:04 42S	09:31 240
2025 Apr 19 (Sat)		04:57 42S	10:25 240
2025 Apr 20 (Sun)	00:22 119	05:51 44S	11:22 242
2025 Apr 21 (Mon)	01:11 117	06:45 46S	12:21 245
2025 Apr 22 (Tue)	01:56 113	07:36 51S	13:20 250
2025 Apr 23 (Wed)	02:39 107	08:27 56S	14:19 256
2025 Apr 24 (Thu)	03:18 100	09:16 63S	15:18 263
2025 Apr 25 (Fri)	03:57 93	10:05 70S	16:18 271
2025 Apr 26 (Sat)	04:37 85	10:55 78S	17:19 279
2025 Apr 27 (Sun)	05:18 78	11:48 85S	18:24 286
2025 Apr 28 (Mon)	06:04 71	12:45 90N	19:31 293
2025 Apr 29 (Tue)	06:54 65	13:46 85N	20:41 297
2025 Apr 30 (Wed)	07:51 61	14:50 82N	21:50 300
2025 May 01 (Thu)	08:53 60	15:54 81N	22:55 300
2025 May 02 (Fri)	09:57 60	16:56 83N	23:52 298
2025 May 03 (Sat)	11:00 63	17:53 85N	
2025 May 04 (Sun)	12:00 67	18:45 90N	00:42 295
2025 May 05 (Mon)	12:56 72	19:31 87S	01:25 290
2025 May 06 (Tue)	13:48 78	20:14 81S	02:02 285
2025 May 07 (Wed)	14:38 84	20:55 75S	02:36 279
2025 May 08 (Thu)	15:25 91	21:34 69S	03:08 272
2025 May 09 (Fri)	16:13 97	22:13 63S	03:38 266
2025 May 10 (Sat)	17:01 103	22:53 58S	04:09 260
2025 May 11 (Sun)	17:51 108	23:36 53S	04:42 255
2025 May 12 (Mon)	18:42 113		05:17 249
2025 May 13 (Tue)	19:36 117	00:21 48S	05:56 245
2025 May 14 (Wed)	20:31 119	01:09 45S	06:39 242
2025 May 15 (Thu)	21:25 120	02:00 43S	07:28 240
2025 May 16 (Fri)	22:18 120	02:53 42S	08:20 240
2025 May 17 (Sat)	23:08 118	03:47 43S	09:16 241
2025 May 18 (Sun)	23:53 114	04:40 45S	10:14 244
2025 May 19 (Mon)		05:31 49S	11:12 248
2025 May 20 (Tue)	00:36 109	06:20 54S	12:09 254
2025 May 21 (Wed)	01:15 103	07:08 60S	13:06 260
2025 May 22 (Thu)	01:53 96	07:55 67S	14:03 268
2025 May 23 (Fri)	02:30 89	08:43 74S	15:02 275
2025 May 24 (Sat)	03:09 81	09:33 81S	16:03 283
2025 May 25 (Sun)	03:51 74	10:27 88S	17:08 289
2025 May 26 (Mon)	04:39 68	11:25 88N	18:16 295
2025 May 27 (Tue)	05:33 63	12:28 84N	19:26 299
2025 May 28 (Wed)	06:33 60	13:33 82N	20:35 300
2025 May 29 (Thu)	07:38 60	14:38 82N	21:37 299
2025 May 30 (Fri)	08:44 62	15:40 84N	22:32 296
2025 May 31 (Sat)	09:47 65	16:35 88N	23:19 292
2025 Jun 01 (Sun)	10:46 70	17:25 88S	24:00 287
2025 Jun 02 (Mon)	11:41 76	18:11 83S	
2025 Jun 03 (Tue)	12:32 82	18:53 77S	00:36 281
2025 Jun 04 (Wed)	13:21 89	19:33 71S	01:08 274
2025 Jun 05 (Thu)	14:09 95	20:12 65S	01:40 268
2025 Jun 06 (Fri)	14:57 101	20:52 59S	02:11 262
2025 Jun 07 (Sat)	15:46 107	21:33 54S	02:43 256
2025 Jun 08 (Sun)	16:37 112	22:17 50S	03:17 251
2025 Jun 09 (Mon)	17:30 116	23:04 46S	03:55 246
2025 Jun 10 (Tue)	18:25 119	23:55 43S	04:37 243
2025 Jun 11 (Wed)	19:20 120		05:24 241
2025 Jun 12 (Thu)	20:14 120	00:48 42S	06:16 240
2025 Jun 13 (Fri)	21:05 118	01:42 43S	07:11 241
2025 Jun 14 (Sat)	21:52 115	02:36 45S	08:09 243
2025 Jun 15 (Sun)	22:35 110	03:28 48S	09:07 247
2025 Jun 16 (Mon)	23:15 105	04:18 53S	10:05 252
2025 Jun 17 (Tue)	23:52 98	05:06 59S	11:01 258
2025 Jun 18 (Wed)		05:52 65S	11:57 265
2025 Jun 19 (Thu)	00:29 91	06:38 72S	12:53 273
2025 Jun 20 (Fri)	01:06 84	07:26 79S	13:51 280

2025 Jun 21 (Sat)	01:45	77	08:16	86S	14:52	287
2025 Jun 22 (Sun)	02:29	70	09:10	90N	15:57	293
2025 Jun 23 (Mon)	03:18	65	10:09	85N	17:05	297
2025 Jun 24 (Tue)	04:15	61	11:13	82N	18:13	300
2025 Jun 25 (Wed)	05:17	60	12:18	81N	19:19	300
2025 Jun 26 (Thu)	06:23	61	13:22	83N	20:18	298
2025 Jun 27 (Fri)	07:29	64	14:21	86N	21:09	294
2025 Jun 28 (Sat)	08:31	68	15:15	91S	21:53	289
2025 Jun 29 (Sun)	09:29	74	16:03	85S	22:32	283
2025 Jun 30 (Mon)	10:23	80	16:47	79S	23:06	277
2025 Jul 01 (Tue)	11:14	86	17:29	73S	23:39	270
2025 Jul 02 (Wed)	12:03	93	18:09	67S		
2025 Jul 03 (Thu)	12:51	99	18:49	61S	00:10	264
2025 Jul 04 (Fri)	13:40	105	19:30	56S	00:42	258
2025 Jul 05 (Sat)	14:30	110	20:13	51S	01:16	253
2025 Jul 06 (Sun)	15:22	114	20:59	47S	01:52	248
2025 Jul 07 (Mon)	16:17	118	21:48	44S	02:32	244
2025 Jul 08 (Tue)	17:12	120	22:40	43S	03:18	241
2025 Jul 09 (Wed)	18:07	120	23:35	42S	04:08	240
2025 Jul 10 (Thu)	19:00	119			05:03	240
2025 Jul 11 (Fri)	19:49	116	00:30	44S	06:01	242
2025 Jul 12 (Sat)	20:34	112	01:23	47S	07:00	246
2025 Jul 13 (Sun)	21:15	106	02:15	51S	07:59	251
2025 Jul 14 (Mon)	21:53	100	03:03	57S	08:56	257
2025 Jul 15 (Tue)	22:30	93	03:51	63S	09:53	263
2025 Jul 16 (Wed)	23:06	86	04:37	70S	10:49	271
2025 Jul 17 (Thu)	23:44	79	05:23	77S	11:45	278
2025 Jul 18 (Fri)			06:12	84S	12:44	285
2025 Jul 19 (Sat)	00:25	72	07:03	90S	13:46	291
2025 Jul 20 (Sun)	01:11	67	07:59	87N	14:51	296
2025 Jul 21 (Mon)	02:03	62	08:59	83N	15:58	299
2025 Jul 22 (Tue)	03:02	60	10:02	81N	17:03	300
2025 Jul 23 (Wed)	04:05	60	11:06	82N	18:04	299
2025 Jul 24 (Thu)	05:11	62	12:06	84N	18:58	296
2025 Jul 25 (Fri)	06:14	66	13:02	89N	19:45	291
2025 Jul 26 (Sat)	07:15	71	13:53	88S	20:26	286
2025 Jul 27 (Sun)	08:11	77	14:39	82S	21:03	279
2025 Jul 28 (Mon)	09:04	84	15:22	76S	21:36	273
2025 Jul 29 (Tue)	09:54	90	16:04	69S	22:09	267
2025 Jul 30 (Wed)	10:43	97	16:44	63S	22:40	260
2025 Jul 31 (Thu)	11:32	103	17:25	58S	23:13	255
2025 Aug 01 (Fri)	12:22	108	18:07	53S	23:49	250
2025 Aug 02 (Sat)	13:14	113	18:52	48S		
2025 Aug 03 (Sun)	14:07	117	19:40	45S	00:27	245
2025 Aug 04 (Mon)	15:02	119	20:31	43S	01:10	242
2025 Aug 05 (Tue)	15:57	120	21:24	42S	01:59	240
2025 Aug 06 (Wed)	16:51	120	22:19	43S	02:52	240
2025 Aug 07 (Thu)	17:41	118	23:14	46S	03:49	241
2025 Aug 08 (Fri)	18:28	114			04:48	244
2025 Aug 09 (Sat)	19:12	109	00:07	49S	05:48	248
2025 Aug 10 (Sun)	19:52	102	00:57	55S	06:47	254
2025 Aug 11 (Mon)	20:29	95	01:46	61S	07:45	261
2025 Aug 12 (Tue)	21:07	88	02:33	68S	08:42	268
2025 Aug 13 (Wed)	21:45	81	03:21	75S	09:40	276
2025 Aug 14 (Thu)	22:25	74	04:09	82S	10:39	283
2025 Aug 15 (Fri)	23:09	68	05:00	88S	11:40	289
2025 Aug 16 (Sat)	23:59	63	05:54	88N	12:44	295
2025 Aug 17 (Sun)			06:52	84N	13:49	299
2025 Aug 18 (Mon)	00:54	60	07:53	82N	14:54	300
2025 Aug 19 (Tue)	01:55	60	08:55	81N	15:55	300
2025 Aug 20 (Wed)	02:58	61	09:56	83N	16:50	297
2025 Aug 21 (Thu)	04:02	64	10:52	87N	17:39	293
2025 Aug 22 (Fri)	05:02	69	11:44	90S	18:22	288
2025 Aug 23 (Sat)	06:00	75	12:32	84S	19:00	282
2025 Aug 24 (Sun)	06:54	81	13:16	78S	19:34	276
2025 Aug 25 (Mon)	07:45	88	13:58	72S	20:07	269
2025 Aug 26 (Tue)	08:35	94	14:39	66S	20:39	263

2025 Aug 27 (Wed)	09:24 100	15:20 60S	21:12 257
2025 Aug 28 (Thu)	10:14 106	16:02 55S	21:46 251
2025 Aug 29 (Fri)	11:05 111	16:45 50S	22:23 247
2025 Aug 30 (Sat)	11:57 115	17:32 46S	23:04 243
2025 Aug 31 (Sun)	12:51 119	18:21 44S	23:50 241
2025 Sep 01 (Mon)	13:46 120	19:13 42S	
2025 Sep 02 (Tue)	14:39 120	20:07 42S	00:40 239
2025 Sep 03 (Wed)	15:31 119	21:01 44S	01:35 240
2025 Sep 04 (Thu)	16:20 116	21:55 47S	02:33 242
2025 Sep 05 (Fri)	17:04 111	22:46 52S	03:33 246
2025 Sep 06 (Sat)	17:46 105	23:36 58S	04:32 251
2025 Sep 07 (Sun)	18:25 98		05:31 258
2025 Sep 08 (Mon)	19:03 91	00:25 65S	06:30 265
2025 Sep 09 (Tue)	19:42 83	01:13 72S	07:29 273
2025 Sep 10 (Wed)	20:22 76	02:03 79S	08:29 280
2025 Sep 11 (Thu)	21:06 70	02:54 86S	09:31 287
2025 Sep 12 (Fri)	21:55 65	03:48 89N	10:36 293
2025 Sep 13 (Sat)	22:49 61	04:46 85N	11:42 298
2025 Sep 14 (Sun)	23:49 60	05:47 82N	12:47 300
2025 Sep 15 (Mon)		06:50 81N	13:50 300
2025 Sep 16 (Tue)	00:51 60	07:50 82N	14:46 298
2025 Sep 17 (Wed)	01:54 63	08:47 85N	15:36 295
2025 Sep 18 (Thu)	02:55 67	09:40 90N	16:20 290
2025 Sep 19 (Fri)	03:52 72	10:28 86S	16:59 284
2025 Sep 20 (Sat)	04:46 79	11:12 81S	17:34 278
2025 Sep 21 (Sun)	05:38 85	11:55 74S	18:07 272
2025 Sep 22 (Mon)	06:28 92	12:35 68S	18:39 265
2025 Sep 23 (Tue)	07:17 98	13:16 62S	19:11 259
2025 Sep 24 (Wed)	08:07 104	13:57 57S	19:45 253
2025 Sep 25 (Thu)	08:57 109	14:40 52S	20:21 248
2025 Sep 26 (Fri)	09:49 114	15:26 48S	21:00 244
2025 Sep 27 (Sat)	10:42 117	16:14 44S	21:44 241
2025 Sep 28 (Sun)	11:36 120	17:04 43S	22:32 240
2025 Sep 29 (Mon)	12:30 121	17:57 42S	23:24 240
2025 Sep 30 (Tue)	13:21 120	18:50 43S	
2025 Oct 01 (Wed)	14:10 117	19:42 46S	00:20 241
2025 Oct 02 (Thu)	14:55 113	20:34 50S	01:17 244
2025 Oct 03 (Fri)	15:38 108	21:24 55S	02:16 249
2025 Oct 04 (Sat)	16:17 102	22:12 61S	03:14 255
2025 Oct 05 (Sun)	16:56 95	23:01 68S	04:12 261
2025 Oct 06 (Mon)	17:34 87	23:50 76S	05:11 269
2025 Oct 07 (Tue)	18:15 80		06:11 277
2025 Oct 08 (Wed)	18:58 73	00:41 83S	07:14 284
2025 Oct 09 (Thu)	19:47 67	01:36 89S	08:20 291
2025 Oct 10 (Fri)	20:41 62	02:35 87N	09:28 296
2025 Oct 11 (Sat)	21:41 60	03:37 83N	10:36 299
2025 Oct 12 (Sun)	22:44 60	04:41 81N	11:42 300
2025 Oct 13 (Mon)	23:48 62	05:44 82N	12:42 299
2025 Oct 14 (Tue)		06:43 84N	13:34 296
2025 Oct 15 (Wed)	00:49 66	07:37 88N	14:20 292
2025 Oct 16 (Thu)	01:48 71	08:26 88S	15:00 286
2025 Oct 17 (Fri)	02:42 77	09:11 82S	15:35 280
2025 Oct 18 (Sat)	03:34 83	09:53 76S	16:08 274
2025 Oct 19 (Sun)	04:24 89	10:34 70S	16:40 267
2025 Oct 20 (Mon)	05:12 96	11:14 64S	17:12 261
2025 Oct 21 (Tue)	06:01 102	11:55 59S	17:45 255
2025 Oct 22 (Wed)	06:51 107	12:37 53S	18:20 250
2025 Oct 23 (Thu)	07:43 112	13:22 49S	18:58 246
2025 Oct 24 (Fri)	08:36 116	14:09 46S	19:40 242
2025 Oct 25 (Sat)	09:29 119	14:59 43S	20:27 240
2025 Oct 26 (Sun)	10:23 120	15:50 42S	21:17 240
2025 Oct 27 (Mon)	11:14 120	16:42 43S	22:11 241
2025 Oct 28 (Tue)	12:03 118	17:34 45S	23:07 243
2025 Oct 29 (Wed)	12:49 115	18:24 48S	
2025 Oct 30 (Thu)	13:31 111	19:13 53S	00:03 247
2025 Oct 31 (Fri)	14:10 105	20:01 58S	00:59 252
2025 Nov 01 (Sat)	14:48 98	20:48 65S	01:56 258

2025 Nov 02 (Sun)	15:26 91	21:36 72S	02:53 265
2025 Nov 03 (Mon)	16:04 84	22:25 79S	03:51 273
2025 Nov 04 (Tue)	16:46 76	23:18 86S	04:52 280
2025 Nov 05 (Wed)	17:32 70		05:56 287
2025 Nov 06 (Thu)	18:25 64	00:16 89N	07:04 294
2025 Nov 07 (Fri)	19:24 61	01:18 85N	08:15 298
2025 Nov 08 (Sat)	20:29 60	02:24 82N	09:25 300
2025 Nov 09 (Sun)	21:35 61	03:30 82N	10:30 300
2025 Nov 10 (Mon)	22:40 64	04:33 83N	11:28 297
2025 Nov 11 (Tue)	23:41 69	05:31 87N	12:17 293
2025 Nov 12 (Wed)		06:23 90S	12:59 288
2025 Nov 13 (Thu)	00:38 75	07:10 84S	13:37 282
2025 Nov 14 (Fri)	01:31 81	07:53 78S	14:11 276
2025 Nov 15 (Sat)	02:21 88	08:34 72S	14:43 269
2025 Nov 16 (Sun)	03:10 94	09:14 66S	15:14 263
2025 Nov 17 (Mon)	03:58 100	09:54 60S	15:47 257
2025 Nov 18 (Tue)	04:48 106	10:36 55S	16:21 252
2025 Nov 19 (Wed)	05:38 111	11:20 50S	16:58 247
2025 Nov 20 (Thu)	06:31 115	12:06 47S	17:39 243
2025 Nov 21 (Fri)	07:24 118	12:55 44S	18:24 241
2025 Nov 22 (Sat)	08:18 120	13:46 43S	19:13 240
2025 Nov 23 (Sun)	09:10 120	14:38 43S	20:06 240
2025 Nov 24 (Mon)	10:00 119	15:29 44S	21:01 242
2025 Nov 25 (Tue)	10:46 116	16:20 47S	21:56 246
2025 Nov 26 (Wed)	11:28 112	17:08 51S	22:52 250
2025 Nov 27 (Thu)	12:07 107	17:55 56S	23:46 256
2025 Nov 28 (Fri)	12:44 101	18:40 62S	
2025 Nov 29 (Sat)	13:20 94	19:26 69S	00:41 262
2025 Nov 30 (Sun)	13:57 87	20:12 76S	01:36 269
2025 Dec 01 (Mon)	14:36 80	21:02 83S	02:33 277
2025 Dec 02 (Tue)	15:18 73	21:56 89S	03:33 284
2025 Dec 03 (Wed)	16:07 67	22:55 87N	04:38 290
2025 Dec 04 (Thu)	17:03 62	23:59 83N	05:47 296
2025 Dec 05 (Fri)	18:06 60		06:59 299
2025 Dec 06 (Sat)	19:13 60	01:07 82N	08:08 300
2025 Dec 07 (Sun)	20:22 63	02:14 82N	09:11 298
2025 Dec 08 (Mon)	21:27 67	03:16 85N	10:06 295
2025 Dec 09 (Tue)	22:28 73	04:13 90N	10:54 290
2025 Dec 10 (Wed)	23:24 79	05:03 86S	11:34 284
2025 Dec 11 (Thu)		05:49 80S	12:10 278
2025 Dec 12 (Fri)	00:16 86	06:32 74S	12:43 271
2025 Dec 13 (Sat)	01:06 92	07:13 68S	13:15 265
2025 Dec 14 (Sun)	01:55 98	07:53 62S	13:48 259
2025 Dec 15 (Mon)	02:44 104	08:34 56S	14:21 253
2025 Dec 16 (Tue)	03:34 109	09:17 52S	14:57 249
2025 Dec 17 (Wed)	04:26 114	10:03 48S	15:37 245
2025 Dec 18 (Thu)	05:19 117	10:51 45S	16:21 242
2025 Dec 19 (Fri)	06:13 119	11:41 43S	17:09 240
2025 Dec 20 (Sat)	07:06 120	12:33 43S	18:01 240
2025 Dec 21 (Sun)	07:57 119	13:26 44S	18:56 242
2025 Dec 22 (Mon)	08:44 117	14:17 46S	19:52 245
2025 Dec 23 (Tue)	09:28 113	15:06 50S	20:47 249
2025 Dec 24 (Wed)	10:08 108	15:53 55S	21:42 254
2025 Dec 25 (Thu)	10:45 103	16:38 61S	22:36 260
2025 Dec 26 (Fri)	11:20 96	17:22 67S	23:29 267
2025 Dec 27 (Sat)	11:55 89	18:07 73S	
2025 Dec 28 (Sun)	12:32 82	18:53 80S	00:23 274
2025 Dec 29 (Mon)	13:11 76	19:43 87S	01:20 281
2025 Dec 30 (Tue)	13:55 69	20:37 89N	02:21 288
2025 Dec 31 (Wed)	14:45 64	21:37 85N	03:25 294