

Sun

Yasothon

Location: E104°08'52.7", N15°47'56.3", 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)	05:41	06:31 114		12:07 52S	17:43 246		18:33
2025 Jan 02 (Thu)	05:41	06:31 114		12:07 52S	17:44 246		18:34
2025 Jan 03 (Fri)	05:41	06:31 114		12:08 52S	17:45 247		18:35
2025 Jan 04 (Sat)	05:42	06:32 113		12:08 52S	17:45 247		18:35
2025 Jan 05 (Sun)	05:42	06:32 113		12:09 52S	17:46 247		18:36
2025 Jan 06 (Mon)	05:42	06:32 113		12:09 52S	17:46 247		18:36
2025 Jan 07 (Tue)	05:43	06:33 113		12:10 53S	17:47 247		18:37
2025 Jan 08 (Wed)	05:43	06:33 113		12:10 53S	17:47 247		18:37
2025 Jan 09 (Thu)	05:43	06:33 113		12:11 53S	17:48 247		18:38
2025 Jan 10 (Fri)	05:44	06:33 113		12:11 53S	17:49 247		18:38
2025 Jan 11 (Sat)	05:44	06:33 112		12:11 53S	17:49 248		18:39
2025 Jan 12 (Sun)	05:44	06:34 112		12:12 53S	17:50 248		18:39
2025 Jan 13 (Mon)	05:44	06:34 112		12:12 53S	17:50 248		18:40
2025 Jan 14 (Tue)	05:44	06:34 112		12:12 54S	17:51 248		18:41
2025 Jan 15 (Wed)	05:45	06:34 112		12:13 54S	17:52 248		18:41
2025 Jan 16 (Thu)	05:45	06:34 112		12:13 54S	17:52 249		18:42
2025 Jan 17 (Fri)	05:45	06:34 111		12:13 54S	17:53 249		18:42
2025 Jan 18 (Sat)	05:45	06:34 111		12:14 54S	17:53 249		18:43
2025 Jan 19 (Sun)	05:45	06:34 111		12:14 55S	17:54 249		18:43
2025 Jan 20 (Mon)	05:45	06:34 111		12:14 55S	17:55 249		18:44
2025 Jan 21 (Tue)	05:45	06:34 110		12:15 55S	17:55 250		18:44
2025 Jan 22 (Wed)	05:45	06:34 110		12:15 55S	17:56 250		18:45
2025 Jan 23 (Thu)	05:45	06:34 110		12:15 56S	17:56 250		18:45
2025 Jan 24 (Fri)	05:45	06:34 110		12:15 56S	17:57 250		18:46
2025 Jan 25 (Sat)	05:45	06:34 109		12:16 56S	17:57 251		18:46
2025 Jan 26 (Sun)	05:45	06:34 109		12:16 56S	17:58 251		18:47
2025 Jan 27 (Mon)	05:45	06:34 109		12:16 57S	17:58 251		18:47
2025 Jan 28 (Tue)	05:45	06:34 109		12:16 57S	17:59 251		18:47
2025 Jan 29 (Wed)	05:45	06:34 108		12:17 57S	17:59 252		18:48
2025 Jan 30 (Thu)	05:45	06:34 108		12:17 57S	18:00 252		18:48
2025 Jan 31 (Fri)	05:45	06:33 108		12:17 58S	18:00 252		18:49
2025 Feb 01 (Sat)	05:45	06:33 108		12:17 58S	18:01 253		18:49
2025 Feb 02 (Sun)	05:45	06:33 107		12:17 58S	18:01 253		18:50
2025 Feb 03 (Mon)	05:45	06:33 107		12:17 58S	18:02 253		18:50
2025 Feb 04 (Tue)	05:44	06:33 107		12:17 59S	18:02 254		18:50
2025 Feb 05 (Wed)	05:44	06:32 106		12:17 59S	18:03 254		18:51
2025 Feb 06 (Thu)	05:44	06:32 106		12:17 59S	18:03 254		18:51
2025 Feb 07 (Fri)	05:44	06:32 106		12:18 60S	18:04 254		18:51
2025 Feb 08 (Sat)	05:44	06:31 105		12:18 60S	18:04 255		18:52
2025 Feb 09 (Sun)	05:43	06:31 105		12:18 60S	18:04 255		18:52
2025 Feb 10 (Mon)	05:43	06:31 105		12:18 61S	18:05 255		18:52
2025 Feb 11 (Tue)	05:43	06:30 104		12:18 61S	18:05 256		18:53
2025 Feb 12 (Wed)	05:42	06:30 104		12:18 61S	18:06 256		18:53
2025 Feb 13 (Thu)	05:42	06:29 104		12:18 62S	18:06 257		18:53
2025 Feb 14 (Fri)	05:42	06:29 103		12:18 62S	18:06 257		18:54
2025 Feb 15 (Sat)	05:41	06:29 103		12:17 62S	18:07 257		18:54
2025 Feb 16 (Sun)	05:41	06:28 103		12:17 63S	18:07 258		18:54
2025 Feb 17 (Mon)	05:40	06:28 102		12:17 63S	18:07 258		18:55
2025 Feb 18 (Tue)	05:40	06:27 102		12:17 63S	18:08 258		18:55
2025 Feb 19 (Wed)	05:40	06:27 101		12:17 64S	18:08 259		18:55
2025 Feb 20 (Thu)	05:39	06:26 101		12:17 64S	18:08 259		18:55
2025 Feb 21 (Fri)	05:39	06:26 101		12:17 64S	18:09 259		18:56
2025 Feb 22 (Sat)	05:38	06:25 100		12:17 65S	18:09 260		18:56
2025 Feb 23 (Sun)	05:38	06:24 100		12:17 65S	18:09 260		18:56
2025 Feb 24 (Mon)	05:37	06:24 100		12:17 66S	18:09 261		18:56

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

2025	May	03	(Sat)	04:50	05:39	73	12:00	91S	18:22	287	19:11
2025	May	04	(Sun)	04:49	05:38	73	12:00	90N	18:23	287	19:12
2025	May	05	(Mon)	04:49	05:38	73	12:00	90N	18:23	287	19:12
2025	May	06	(Tue)	04:48	05:37	73	12:00	90N	18:23	288	19:12
2025	May	07	(Wed)	04:47	05:37	72	12:00	90N	18:23	288	19:13
2025	May	08	(Thu)	04:47	05:36	72	12:00	89N	18:24	288	19:13
2025	May	09	(Fri)	04:47	05:36	72	12:00	89N	18:24	288	19:13
2025	May	10	(Sat)	04:46	05:36	71	12:00	89N	18:24	289	19:14
2025	May	11	(Sun)	04:46	05:35	71	12:00	89N	18:25	289	19:14
2025	May	12	(Mon)	04:45	05:35	71	12:00	88N	18:25	289	19:15
2025	May	13	(Tue)	04:45	05:35	71	12:00	88N	18:25	290	19:15
2025	May	14	(Wed)	04:44	05:34	70	12:00	88N	18:25	290	19:15
2025	May	15	(Thu)	04:44	05:34	70	12:00	88N	18:26	290	19:16
2025	May	16	(Fri)	04:44	05:34	70	12:00	87N	18:26	290	19:16
2025	May	17	(Sat)	04:43	05:33	70	12:00	87N	18:26	290	19:17
2025	May	18	(Sun)	04:43	05:33	69	12:00	87N	18:27	291	19:17
2025	May	19	(Mon)	04:43	05:33	69	12:00	87N	18:27	291	19:17
2025	May	20	(Tue)	04:42	05:33	69	12:00	86N	18:27	291	19:18
2025	May	21	(Wed)	04:42	05:32	69	12:00	86N	18:28	291	19:18
2025	May	22	(Thu)	04:42	05:32	69	12:00	86N	18:28	292	19:19
2025	May	23	(Fri)	04:41	05:32	68	12:00	86N	18:28	292	19:19
2025	May	24	(Sat)	04:41	05:32	68	12:00	86N	18:29	292	19:20
2025	May	25	(Sun)	04:41	05:32	68	12:00	86N	18:29	292	19:20
2025	May	26	(Mon)	04:41	05:32	68	12:00	85N	18:29	292	19:20
2025	May	27	(Tue)	04:41	05:31	68	12:01	85N	18:30	293	19:21
2025	May	28	(Wed)	04:40	05:31	67	12:01	85N	18:30	293	19:21
2025	May	29	(Thu)	04:40	05:31	67	12:01	85N	18:30	293	19:22
2025	May	30	(Fri)	04:40	05:31	67	12:01	85N	18:31	293	19:22
2025	May	31	(Sat)	04:40	05:31	67	12:01	85N	18:31	293	19:22
2025	Jun	01	(Sun)	04:40	05:31	67	12:01	84N	18:31	293	19:23
2025	Jun	02	(Mon)	04:40	05:31	67	12:01	84N	18:32	293	19:23
2025	Jun	03	(Tue)	04:40	05:31	67	12:02	84N	18:32	294	19:24
2025	Jun	04	(Wed)	04:40	05:31	66	12:02	84N	18:32	294	19:24
2025	Jun	05	(Thu)	04:40	05:31	66	12:02	84N	18:33	294	19:24
2025	Jun	06	(Fri)	04:40	05:31	66	12:02	84N	18:33	294	19:25
2025	Jun	07	(Sat)	04:40	05:31	66	12:02	84N	18:33	294	19:25
2025	Jun	08	(Sun)	04:40	05:31	66	12:02	84N	18:34	294	19:25
2025	Jun	09	(Mon)	04:40	05:31	66	12:03	84N	18:34	294	19:26
2025	Jun	10	(Tue)	04:40	05:31	66	12:03	83N	18:34	294	19:26
2025	Jun	11	(Wed)	04:40	05:32	66	12:03	83N	18:35	294	19:26
2025	Jun	12	(Thu)	04:40	05:32	66	12:03	83N	18:35	294	19:27
2025	Jun	13	(Fri)	04:40	05:32	66	12:03	83N	18:35	294	19:27
2025	Jun	14	(Sat)	04:40	05:32	66	12:04	83N	18:36	295	19:27
2025	Jun	15	(Sun)	04:40	05:32	65	12:04	83N	18:36	295	19:28
2025	Jun	16	(Mon)	04:40	05:32	65	12:04	83N	18:36	295	19:28
2025	Jun	17	(Tue)	04:40	05:32	65	12:04	83N	18:36	295	19:28
2025	Jun	18	(Wed)	04:41	05:33	65	12:05	83N	18:37	295	19:29
2025	Jun	19	(Thu)	04:41	05:33	65	12:05	83N	18:37	295	19:29
2025	Jun	20	(Fri)	04:41	05:33	65	12:05	83N	18:37	295	19:29
2025	Jun	21	(Sat)	04:41	05:33	65	12:05	83N	18:37	295	19:29
2025	Jun	22	(Sun)	04:41	05:33	65	12:05	83N	18:37	295	19:29
2025	Jun	23	(Mon)	04:42	05:34	65	12:06	83N	18:38	295	19:30
2025	Jun	24	(Tue)	04:42	05:34	65	12:06	83N	18:38	295	19:30
2025	Jun	25	(Wed)	04:42	05:34	65	12:06	83N	18:38	295	19:30
2025	Jun	26	(Thu)	04:42	05:34	65	12:06	83N	18:38	295	19:30
2025	Jun	27	(Fri)	04:43	05:35	65	12:07	83N	18:38	295	19:30
2025	Jun	28	(Sat)	04:43	05:35	65	12:07	83N	18:38	294	19:30
2025	Jun	29	(Sun)	04:43	05:35	66	12:07	83N	18:39	294	19:30
2025	Jun	30	(Mon)	04:44	05:35	66	12:07	83N	18:39	294	19:31
2025	Jul	01	(Tue)	04:44	05:36	66	12:07	83N	18:39	294	19:31
2025	Jul	02	(Wed)	04:44	05:36	66	12:08	83N	18:39	294	19:31
2025	Jul	03	(Thu)	04:45	05:36	66	12:08	84N	18:39	294	19:31
2025	Jul	04	(Fri)	04:45	05:37	66	12:08	84N	18:39	294	19:31
2025	Jul	05	(Sat)	04:45	05:37	66	12:08	84N	18:39	294	19:31
2025	Jul	06	(Sun)	04:46	05:37	66	12:08	84N	18:39	294	19:31
2025	Jul	07	(Mon)	04:46	05:38	66	12:08	84N	18:39	294	19:31
2025	Jul	08	(Tue)	04:46	05:38	66	12:09	84N	18:39	294	19:31

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

2025 Sep 14 (Sun)	05:05	05:52	86	11:59	78S	18:06	274	18:53
2025 Sep 15 (Mon)	05:05	05:52	87	11:59	78S	18:05	273	18:52
2025 Sep 16 (Tue)	05:05	05:52	87	11:58	77S	18:04	273	18:51
2025 Sep 17 (Wed)	05:05	05:52	87	11:58	77S	18:04	272	18:50
2025 Sep 18 (Thu)	05:06	05:52	88	11:58	77S	18:03	272	18:49
2025 Sep 19 (Fri)	05:06	05:52	88	11:57	76S	18:02	272	18:49
2025 Sep 20 (Sat)	05:06	05:52	89	11:57	76S	18:01	271	18:48
2025 Sep 21 (Sun)	05:06	05:52	89	11:57	76S	18:00	271	18:47
2025 Sep 22 (Mon)	05:06	05:52	89	11:56	75S	18:00	270	18:46
2025 Sep 23 (Tue)	05:06	05:53	90	11:56	75S	17:59	270	18:45
2025 Sep 24 (Wed)	05:06	05:53	90	11:55	74S	17:58	270	18:44
2025 Sep 25 (Thu)	05:06	05:53	91	11:55	74S	17:57	269	18:44
2025 Sep 26 (Fri)	05:06	05:53	91	11:55	74S	17:57	269	18:43
2025 Sep 27 (Sat)	05:06	05:53	91	11:54	73S	17:56	268	18:42
2025 Sep 28 (Sun)	05:07	05:53	92	11:54	73S	17:55	268	18:41
2025 Sep 29 (Mon)	05:07	05:53	92	11:54	72S	17:54	268	18:41
2025 Sep 30 (Tue)	05:07	05:53	93	11:53	72S	17:53	267	18:40
2025 Oct 01 (Wed)	05:07	05:53	93	11:53	72S	17:53	267	18:39
2025 Oct 02 (Thu)	05:07	05:53	93	11:53	71S	17:52	266	18:38
2025 Oct 03 (Fri)	05:07	05:54	94	11:52	71S	17:51	266	18:38
2025 Oct 04 (Sat)	05:07	05:54	94	11:52	70S	17:50	266	18:37
2025 Oct 05 (Sun)	05:07	05:54	95	11:52	70S	17:50	265	18:36
2025 Oct 06 (Mon)	05:07	05:54	95	11:52	70S	17:49	265	18:35
2025 Oct 07 (Tue)	05:08	05:54	95	11:51	69S	17:48	264	18:35
2025 Oct 08 (Wed)	05:08	05:54	96	11:51	69S	17:47	264	18:34
2025 Oct 09 (Thu)	05:08	05:54	96	11:51	69S	17:47	264	18:33
2025 Oct 10 (Fri)	05:08	05:55	97	11:50	68S	17:46	263	18:33
2025 Oct 11 (Sat)	05:08	05:55	97	11:50	68S	17:45	263	18:32
2025 Oct 12 (Sun)	05:08	05:55	97	11:50	67S	17:45	262	18:31
2025 Oct 13 (Mon)	05:08	05:55	98	11:50	67S	17:44	262	18:31
2025 Oct 14 (Tue)	05:09	05:55	98	11:49	67S	17:43	262	18:30
2025 Oct 15 (Wed)	05:09	05:55	99	11:49	66S	17:43	261	18:30
2025 Oct 16 (Thu)	05:09	05:56	99	11:49	66S	17:42	261	18:29
2025 Oct 17 (Fri)	05:09	05:56	99	11:49	66S	17:41	260	18:28
2025 Oct 18 (Sat)	05:09	05:56	100	11:49	65S	17:41	260	18:28
2025 Oct 19 (Sun)	05:09	05:56	100	11:48	65S	17:40	260	18:27
2025 Oct 20 (Mon)	05:10	05:57	101	11:48	64S	17:40	259	18:27
2025 Oct 21 (Tue)	05:10	05:57	101	11:48	64S	17:39	259	18:26
2025 Oct 22 (Wed)	05:10	05:57	101	11:48	64S	17:39	259	18:26
2025 Oct 23 (Thu)	05:10	05:57	102	11:48	63S	17:38	258	18:25
2025 Oct 24 (Fri)	05:10	05:58	102	11:48	63S	17:37	258	18:25
2025 Oct 25 (Sat)	05:11	05:58	102	11:48	63S	17:37	257	18:24
2025 Oct 26 (Sun)	05:11	05:58	103	11:47	62S	17:36	257	18:24
2025 Oct 27 (Mon)	05:11	05:58	103	11:47	62S	17:36	257	18:23
2025 Oct 28 (Tue)	05:11	05:59	103	11:47	62S	17:35	256	18:23
2025 Oct 29 (Wed)	05:12	05:59	104	11:47	61S	17:35	256	18:23
2025 Oct 30 (Thu)	05:12	05:59	104	11:47	61S	17:35	256	18:22
2025 Oct 31 (Fri)	05:12	06:00	104	11:47	61S	17:34	255	18:22
2025 Nov 01 (Sat)	05:12	06:00	105	11:47	60S	17:34	255	18:21
2025 Nov 02 (Sun)	05:13	06:00	105	11:47	60S	17:33	255	18:21
2025 Nov 03 (Mon)	05:13	06:01	105	11:47	60S	17:33	254	18:21
2025 Nov 04 (Tue)	05:13	06:01	106	11:47	59S	17:33	254	18:20
2025 Nov 05 (Wed)	05:14	06:02	106	11:47	59S	17:32	254	18:20
2025 Nov 06 (Thu)	05:14	06:02	106	11:47	59S	17:32	253	18:20
2025 Nov 07 (Fri)	05:14	06:02	107	11:47	59S	17:32	253	18:20
2025 Nov 08 (Sat)	05:15	06:03	107	11:47	58S	17:31	253	18:19
2025 Nov 09 (Sun)	05:15	06:03	107	11:47	58S	17:31	253	18:19
2025 Nov 10 (Mon)	05:15	06:04	108	11:47	58S	17:31	252	18:19
2025 Nov 11 (Tue)	05:16	06:04	108	11:47	57S	17:31	252	18:19
2025 Nov 12 (Wed)	05:16	06:05	108	11:48	57S	17:30	252	18:19
2025 Nov 13 (Thu)	05:17	06:05	108	11:48	57S	17:30	251	18:19
2025 Nov 14 (Fri)	05:17	06:06	109	11:48	57S	17:30	251	18:19
2025 Nov 15 (Sat)	05:17	06:06	109	11:48	56S	17:30	251	18:19
2025 Nov 16 (Sun)	05:18	06:06	109	11:48	56S	17:30	251	18:18
2025 Nov 17 (Mon)	05:18	06:07	110	11:48	56S	17:30	250	18:18
2025 Nov 18 (Tue)	05:19	06:07	110	11:49	56S	17:30	250	18:18
2025 Nov 19 (Wed)	05:19	06:08	110	11:49	55S	17:29	250	18:18

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

Sun

Yasothon

Location: E104°08'52.7", N15°47'56.3", 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)	06:07	06:31	114	12:07	52S	17:43	246	18:07
2025 Jan 02 (Thu)	06:08	06:31	114	12:07	52S	17:44	246	18:07
2025 Jan 03 (Fri)	06:08	06:31	114	12:08	52S	17:45	247	18:08
2025 Jan 04 (Sat)	06:08	06:32	113	12:08	52S	17:45	247	18:08
2025 Jan 05 (Sun)	06:09	06:32	113	12:09	52S	17:46	247	18:09
2025 Jan 06 (Mon)	06:09	06:32	113	12:09	52S	17:46	247	18:09
2025 Jan 07 (Tue)	06:09	06:33	113	12:10	53S	17:47	247	18:10
2025 Jan 08 (Wed)	06:10	06:33	113	12:10	53S	17:47	247	18:11
2025 Jan 09 (Thu)	06:10	06:33	113	12:11	53S	17:48	247	18:11
2025 Jan 10 (Fri)	06:10	06:33	113	12:11	53S	17:49	247	18:12
2025 Jan 11 (Sat)	06:10	06:33	112	12:11	53S	17:49	248	18:12
2025 Jan 12 (Sun)	06:11	06:34	112	12:12	53S	17:50	248	18:13

2025	Jan	13	(Mon)	06:11	06:34	112	12:12	53S	17:50	248	18:13
2025	Jan	14	(Tue)	06:11	06:34	112	12:12	54S	17:51	248	18:14
2025	Jan	15	(Wed)	06:11	06:34	112	12:13	54S	17:52	248	18:15
2025	Jan	16	(Thu)	06:11	06:34	112	12:13	54S	17:52	249	18:15
2025	Jan	17	(Fri)	06:11	06:34	111	12:13	54S	17:53	249	18:16
2025	Jan	18	(Sat)	06:11	06:34	111	12:14	54S	17:53	249	18:16
2025	Jan	19	(Sun)	06:12	06:34	111	12:14	55S	17:54	249	18:17
2025	Jan	20	(Mon)	06:12	06:34	111	12:14	55S	17:55	249	18:17
2025	Jan	21	(Tue)	06:12	06:34	110	12:15	55S	17:55	250	18:18
2025	Jan	22	(Wed)	06:12	06:34	110	12:15	55S	17:56	250	18:18
2025	Jan	23	(Thu)	06:12	06:34	110	12:15	56S	17:56	250	18:19
2025	Jan	24	(Fri)	06:12	06:34	110	12:15	56S	17:57	250	18:19
2025	Jan	25	(Sat)	06:12	06:34	109	12:16	56S	17:57	251	18:20
2025	Jan	26	(Sun)	06:12	06:34	109	12:16	56S	17:58	251	18:20
2025	Jan	27	(Mon)	06:11	06:34	109	12:16	57S	17:58	251	18:21
2025	Jan	28	(Tue)	06:11	06:34	109	12:16	57S	17:59	251	18:21
2025	Jan	29	(Wed)	06:11	06:34	108	12:17	57S	17:59	252	18:22
2025	Jan	30	(Thu)	06:11	06:34	108	12:17	57S	18:00	252	18:22
2025	Jan	31	(Fri)	06:11	06:33	108	12:17	58S	18:00	252	18:23
2025	Feb	01	(Sat)	06:11	06:33	108	12:17	58S	18:01	253	18:23
2025	Feb	02	(Sun)	06:11	06:33	107	12:17	58S	18:01	253	18:24
2025	Feb	03	(Mon)	06:10	06:33	107	12:17	58S	18:02	253	18:24
2025	Feb	04	(Tue)	06:10	06:33	107	12:17	59S	18:02	254	18:25
2025	Feb	05	(Wed)	06:10	06:32	106	12:17	59S	18:03	254	18:25
2025	Feb	06	(Thu)	06:10	06:32	106	12:17	59S	18:03	254	18:25
2025	Feb	07	(Fri)	06:09	06:32	106	12:18	60S	18:04	254	18:26
2025	Feb	08	(Sat)	06:09	06:31	105	12:18	60S	18:04	255	18:26
2025	Feb	09	(Sun)	06:09	06:31	105	12:18	60S	18:04	255	18:27
2025	Feb	10	(Mon)	06:08	06:31	105	12:18	61S	18:05	255	18:27
2025	Feb	11	(Tue)	06:08	06:30	104	12:18	61S	18:05	256	18:27
2025	Feb	12	(Wed)	06:08	06:30	104	12:18	61S	18:06	256	18:28
2025	Feb	13	(Thu)	06:07	06:29	104	12:18	62S	18:06	257	18:28
2025	Feb	14	(Fri)	06:07	06:29	103	12:18	62S	18:06	257	18:28
2025	Feb	15	(Sat)	06:07	06:29	103	12:17	62S	18:07	257	18:29
2025	Feb	16	(Sun)	06:06	06:28	103	12:17	63S	18:07	258	18:29
2025	Feb	17	(Mon)	06:06	06:28	102	12:17	63S	18:07	258	18:29
2025	Feb	18	(Tue)	06:05	06:27	102	12:17	63S	18:08	258	18:30
2025	Feb	19	(Wed)	06:05	06:27	101	12:17	64S	18:08	259	18:30
2025	Feb	20	(Thu)	06:04	06:26	101	12:17	64S	18:08	259	18:30
2025	Feb	21	(Fri)	06:04	06:26	101	12:17	64S	18:09	259	18:30
2025	Feb	22	(Sat)	06:03	06:25	100	12:17	65S	18:09	260	18:31
2025	Feb	23	(Sun)	06:03	06:24	100	12:17	65S	18:09	260	18:31
2025	Feb	24	(Mon)	06:02	06:24	100	12:17	66S	18:09	261	18:31
2025	Feb	25	(Tue)	06:02	06:23	99	12:16	66S	18:10	261	18:31
2025	Feb	26	(Wed)	06:01	06:23	99	12:16	66S	18:10	261	18:32
2025	Feb	27	(Thu)	06:00	06:22	98	12:16	67S	18:10	262	18:32
2025	Feb	28	(Fri)	06:00	06:22	98	12:16	67S	18:10	262	18:32
2025	Mar	01	(Sat)	05:59	06:21	98	12:16	67S	18:11	263	18:32
2025	Mar	02	(Sun)	05:59	06:20	97	12:16	68S	18:11	263	18:33
2025	Mar	03	(Mon)	05:58	06:20	97	12:15	68S	18:11	263	18:33
2025	Mar	04	(Tue)	05:57	06:19	96	12:15	69S	18:11	264	18:33
2025	Mar	05	(Wed)	05:57	06:18	96	12:15	69S	18:12	264	18:33
2025	Mar	06	(Thu)	05:56	06:18	96	12:15	69S	18:12	265	18:33
2025	Mar	07	(Fri)	05:55	06:17	95	12:14	70S	18:12	265	18:34
2025	Mar	08	(Sat)	05:55	06:16	95	12:14	70S	18:12	265	18:34
2025	Mar	09	(Sun)	05:54	06:16	94	12:14	71S	18:12	266	18:34
2025	Mar	10	(Mon)	05:53	06:15	94	12:14	71S	18:13	266	18:34
2025	Mar	11	(Tue)	05:53	06:14	94	12:13	71S	18:13	267	18:34
2025	Mar	12	(Wed)	05:52	06:14	93	12:13	72S	18:13	267	18:34
2025	Mar	13	(Thu)	05:51	06:13	93	12:13	72S	18:13	267	18:35
2025	Mar	14	(Fri)	05:51	06:12	92	12:13	72S	18:13	268	18:35
2025	Mar	15	(Sat)	05:50	06:11	92	12:12	73S	18:13	268	18:35
2025	Mar	16	(Sun)	05:49	06:11	92	12:12	73S	18:14	269	18:35
2025	Mar	17	(Mon)	05:48	06:10	91	12:12	74S	18:14	269	18:35
2025	Mar	18	(Tue)	05:48	06:09	91	12:11	74S	18:14	269	18:35
2025	Mar	19	(Wed)	05:47	06:08	90	12:11	74S	18:14	270	18:36
2025	Mar	20	(Thu)	05:46	06:08	90	12:11	75S	18:14	270	18:36

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

2025	May	27	(Tue)	05:08	05:31	68	12:01	85N	18:30	293	18:53
2025	May	28	(Wed)	05:08	05:31	67	12:01	85N	18:30	293	18:54
2025	May	29	(Thu)	05:08	05:31	67	12:01	85N	18:30	293	18:54
2025	May	30	(Fri)	05:08	05:31	67	12:01	85N	18:31	293	18:54
2025	May	31	(Sat)	05:08	05:31	67	12:01	85N	18:31	293	18:55
2025	Jun	01	(Sun)	05:08	05:31	67	12:01	84N	18:31	293	18:55
2025	Jun	02	(Mon)	05:08	05:31	67	12:01	84N	18:32	293	18:55
2025	Jun	03	(Tue)	05:08	05:31	67	12:02	84N	18:32	294	18:56
2025	Jun	04	(Wed)	05:08	05:31	66	12:02	84N	18:32	294	18:56
2025	Jun	05	(Thu)	05:07	05:31	66	12:02	84N	18:33	294	18:56
2025	Jun	06	(Fri)	05:08	05:31	66	12:02	84N	18:33	294	18:57
2025	Jun	07	(Sat)	05:08	05:31	66	12:02	84N	18:33	294	18:57
2025	Jun	08	(Sun)	05:08	05:31	66	12:02	84N	18:34	294	18:57
2025	Jun	09	(Mon)	05:08	05:31	66	12:03	84N	18:34	294	18:58
2025	Jun	10	(Tue)	05:08	05:31	66	12:03	83N	18:34	294	18:58
2025	Jun	11	(Wed)	05:08	05:32	66	12:03	83N	18:35	294	18:58
2025	Jun	12	(Thu)	05:08	05:32	66	12:03	83N	18:35	294	18:59
2025	Jun	13	(Fri)	05:08	05:32	66	12:03	83N	18:35	294	18:59
2025	Jun	14	(Sat)	05:08	05:32	66	12:04	83N	18:36	295	18:59
2025	Jun	15	(Sun)	05:08	05:32	65	12:04	83N	18:36	295	19:00
2025	Jun	16	(Mon)	05:08	05:32	65	12:04	83N	18:36	295	19:00
2025	Jun	17	(Tue)	05:09	05:32	65	12:04	83N	18:36	295	19:00
2025	Jun	18	(Wed)	05:09	05:33	65	12:05	83N	18:37	295	19:00
2025	Jun	19	(Thu)	05:09	05:33	65	12:05	83N	18:37	295	19:01
2025	Jun	20	(Fri)	05:09	05:33	65	12:05	83N	18:37	295	19:01
2025	Jun	21	(Sat)	05:09	05:33	65	12:05	83N	18:37	295	19:01
2025	Jun	22	(Sun)	05:10	05:33	65	12:05	83N	18:37	295	19:01
2025	Jun	23	(Mon)	05:10	05:34	65	12:06	83N	18:38	295	19:01
2025	Jun	24	(Tue)	05:10	05:34	65	12:06	83N	18:38	295	19:02
2025	Jun	25	(Wed)	05:10	05:34	65	12:06	83N	18:38	295	19:02
2025	Jun	26	(Thu)	05:11	05:34	65	12:06	83N	18:38	295	19:02
2025	Jun	27	(Fri)	05:11	05:35	65	12:07	83N	18:38	295	19:02
2025	Jun	28	(Sat)	05:11	05:35	65	12:07	83N	18:38	294	19:02
2025	Jun	29	(Sun)	05:11	05:35	66	12:07	83N	18:39	294	19:02
2025	Jun	30	(Mon)	05:12	05:35	66	12:07	83N	18:39	294	19:02
2025	Jul	01	(Tue)	05:12	05:36	66	12:07	83N	18:39	294	19:03
2025	Jul	02	(Wed)	05:12	05:36	66	12:08	83N	18:39	294	19:03
2025	Jul	03	(Thu)	05:13	05:36	66	12:08	84N	18:39	294	19:03
2025	Jul	04	(Fri)	05:13	05:37	66	12:08	84N	18:39	294	19:03
2025	Jul	05	(Sat)	05:13	05:37	66	12:08	84N	18:39	294	19:03
2025	Jul	06	(Sun)	05:14	05:37	66	12:08	84N	18:39	294	19:03
2025	Jul	07	(Mon)	05:14	05:38	66	12:08	84N	18:39	294	19:03
2025	Jul	08	(Tue)	05:14	05:38	66	12:09	84N	18:39	294	19:03
2025	Jul	09	(Wed)	05:15	05:38	66	12:09	84N	18:39	293	19:03
2025	Jul	10	(Thu)	05:15	05:38	67	12:09	84N	18:39	293	19:03
2025	Jul	11	(Fri)	05:15	05:39	67	12:09	84N	18:39	293	19:03
2025	Jul	12	(Sat)	05:16	05:39	67	12:09	85N	18:39	293	19:02
2025	Jul	13	(Sun)	05:16	05:39	67	12:09	85N	18:39	293	19:02
2025	Jul	14	(Mon)	05:16	05:40	67	12:09	85N	18:39	293	19:02
2025	Jul	15	(Tue)	05:17	05:40	67	12:09	85N	18:39	293	19:02
2025	Jul	16	(Wed)	05:17	05:40	68	12:10	85N	18:39	292	19:02
2025	Jul	17	(Thu)	05:17	05:41	68	12:10	85N	18:38	292	19:02
2025	Jul	18	(Fri)	05:18	05:41	68	12:10	86N	18:38	292	19:02
2025	Jul	19	(Sat)	05:18	05:41	68	12:10	86N	18:38	292	19:01
2025	Jul	20	(Sun)	05:18	05:42	68	12:10	86N	18:38	292	19:01
2025	Jul	21	(Mon)	05:19	05:42	68	12:10	86N	18:38	291	19:01
2025	Jul	22	(Tue)	05:19	05:42	69	12:10	86N	18:37	291	19:01
2025	Jul	23	(Wed)	05:19	05:43	69	12:10	86N	18:37	291	19:00
2025	Jul	24	(Thu)	05:20	05:43	69	12:10	87N	18:37	291	19:00
2025	Jul	25	(Fri)	05:20	05:43	69	12:10	87N	18:37	291	19:00
2025	Jul	26	(Sat)	05:20	05:43	70	12:10	87N	18:36	290	18:59
2025	Jul	27	(Sun)	05:21	05:44	70	12:10	87N	18:36	290	18:59
2025	Jul	28	(Mon)	05:21	05:44	70	12:10	88N	18:36	290	18:59
2025	Jul	29	(Tue)	05:21	05:44	70	12:10	88N	18:35	290	18:58
2025	Jul	30	(Wed)	05:22	05:45	70	12:10	88N	18:35	289	18:58
2025	Jul	31	(Thu)	05:22	05:45	71	12:10	88N	18:35	289	18:58
2025	Aug	01	(Fri)	05:22	05:45	71	12:10	89N	18:34	289	18:57

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

2025	Oct	08	(Wed)	05:33	05:54	96	11:51	69S	17:47	264	18:09
2025	Oct	09	(Thu)	05:33	05:54	96	11:51	69S	17:47	264	18:08
2025	Oct	10	(Fri)	05:33	05:55	97	11:50	68S	17:46	263	18:08
2025	Oct	11	(Sat)	05:33	05:55	97	11:50	68S	17:45	263	18:07
2025	Oct	12	(Sun)	05:33	05:55	97	11:50	67S	17:45	262	18:06
2025	Oct	13	(Mon)	05:33	05:55	98	11:50	67S	17:44	262	18:06
2025	Oct	14	(Tue)	05:34	05:55	98	11:49	67S	17:43	262	18:05
2025	Oct	15	(Wed)	05:34	05:55	99	11:49	66S	17:43	261	18:04
2025	Oct	16	(Thu)	05:34	05:56	99	11:49	66S	17:42	261	18:04
2025	Oct	17	(Fri)	05:34	05:56	99	11:49	66S	17:41	260	18:03
2025	Oct	18	(Sat)	05:34	05:56	100	11:49	65S	17:41	260	18:03
2025	Oct	19	(Sun)	05:35	05:56	100	11:48	65S	17:40	260	18:02
2025	Oct	20	(Mon)	05:35	05:57	101	11:48	64S	17:40	259	18:01
2025	Oct	21	(Tue)	05:35	05:57	101	11:48	64S	17:39	259	18:01
2025	Oct	22	(Wed)	05:35	05:57	101	11:48	64S	17:39	259	18:00
2025	Oct	23	(Thu)	05:35	05:57	102	11:48	63S	17:38	258	18:00
2025	Oct	24	(Fri)	05:36	05:58	102	11:48	63S	17:37	258	17:59
2025	Oct	25	(Sat)	05:36	05:58	102	11:48	63S	17:37	257	17:59
2025	Oct	26	(Sun)	05:36	05:58	103	11:47	62S	17:36	257	17:58
2025	Oct	27	(Mon)	05:37	05:58	103	11:47	62S	17:36	257	17:58
2025	Oct	28	(Tue)	05:37	05:59	103	11:47	62S	17:35	256	17:57
2025	Oct	29	(Wed)	05:37	05:59	104	11:47	61S	17:35	256	17:57
2025	Oct	30	(Thu)	05:37	05:59	104	11:47	61S	17:35	256	17:57
2025	Oct	31	(Fri)	05:38	06:00	104	11:47	61S	17:34	255	17:56
2025	Nov	01	(Sat)	05:38	06:00	105	11:47	60S	17:34	255	17:56
2025	Nov	02	(Sun)	05:38	06:00	105	11:47	60S	17:33	255	17:55
2025	Nov	03	(Mon)	05:39	06:01	105	11:47	60S	17:33	254	17:55
2025	Nov	04	(Tue)	05:39	06:01	106	11:47	59S	17:33	254	17:55
2025	Nov	05	(Wed)	05:39	06:02	106	11:47	59S	17:32	254	17:55
2025	Nov	06	(Thu)	05:40	06:02	106	11:47	59S	17:32	253	17:54
2025	Nov	07	(Fri)	05:40	06:02	107	11:47	59S	17:32	253	17:54
2025	Nov	08	(Sat)	05:40	06:03	107	11:47	58S	17:31	253	17:54
2025	Nov	09	(Sun)	05:41	06:03	107	11:47	58S	17:31	253	17:53
2025	Nov	10	(Mon)	05:41	06:04	108	11:47	58S	17:31	252	17:53
2025	Nov	11	(Tue)	05:42	06:04	108	11:47	57S	17:31	252	17:53
2025	Nov	12	(Wed)	05:42	06:05	108	11:48	57S	17:30	252	17:53
2025	Nov	13	(Thu)	05:42	06:05	108	11:48	57S	17:30	251	17:53
2025	Nov	14	(Fri)	05:43	06:06	109	11:48	57S	17:30	251	17:53
2025	Nov	15	(Sat)	05:43	06:06	109	11:48	56S	17:30	251	17:52
2025	Nov	16	(Sun)	05:44	06:06	109	11:48	56S	17:30	251	17:52
2025	Nov	17	(Mon)	05:44	06:07	110	11:48	56S	17:30	250	17:52
2025	Nov	18	(Tue)	05:45	06:07	110	11:49	56S	17:30	250	17:52
2025	Nov	19	(Wed)	05:45	06:08	110	11:49	55S	17:29	250	17:52
2025	Nov	20	(Thu)	05:46	06:09	110	11:49	55S	17:29	250	17:52
2025	Nov	21	(Fri)	05:46	06:09	110	11:49	55S	17:29	249	17:52
2025	Nov	22	(Sat)	05:47	06:10	111	11:50	55S	17:29	249	17:52
2025	Nov	23	(Sun)	05:47	06:10	111	11:50	55S	17:29	249	17:52
2025	Nov	24	(Mon)	05:48	06:11	111	11:50	54S	17:29	249	17:52
2025	Nov	25	(Tue)	05:48	06:11	111	11:50	54S	17:29	249	17:52
2025	Nov	26	(Wed)	05:49	06:12	112	11:51	54S	17:30	248	17:53
2025	Nov	27	(Thu)	05:49	06:12	112	11:51	54S	17:30	248	17:53
2025	Nov	28	(Fri)	05:50	06:13	112	11:51	54S	17:30	248	17:53
2025	Nov	29	(Sat)	05:50	06:13	112	11:52	53S	17:30	248	17:53
2025	Nov	30	(Sun)	05:51	06:14	112	11:52	53S	17:30	248	17:53
2025	Dec	01	(Mon)	05:51	06:15	112	11:52	53S	17:30	247	17:53
2025	Dec	02	(Tue)	05:52	06:15	113	11:53	53S	17:30	247	17:54
2025	Dec	03	(Wed)	05:53	06:16	113	11:53	53S	17:31	247	17:54
2025	Dec	04	(Thu)	05:53	06:16	113	11:54	53S	17:31	247	17:54
2025	Dec	05	(Fri)	05:54	06:17	113	11:54	53S	17:31	247	17:54
2025	Dec	06	(Sat)	05:54	06:17	113	11:54	52S	17:31	247	17:55
2025	Dec	07	(Sun)	05:55	06:18	113	11:55	52S	17:32	247	17:55
2025	Dec	08	(Mon)	05:55	06:19	113	11:55	52S	17:32	247	17:55
2025	Dec	09	(Tue)	05:56	06:19	114	11:56	52S	17:32	246	17:55
2025	Dec	10	(Wed)	05:56	06:20	114	11:56	52S	17:33	246	17:56
2025	Dec	11	(Thu)	05:57	06:20	114	11:57	52S	17:33	246	17:56
2025	Dec	12	(Fri)	05:58	06:21	114	11:57	52S	17:33	246	17:57
2025	Dec	13	(Sat)	05:58	06:21	114	11:58	52S	17:34	246	17:57

2025	Dec 14	(Sun)	05:59	06:22	114	11:58	52S	17:34	246	17:57
2025	Dec 15	(Mon)	05:59	06:23	114	11:59	52S	17:34	246	17:58
2025	Dec 16	(Tue)	06:00	06:23	114	11:59	52S	17:35	246	17:58
2025	Dec 17	(Wed)	06:00	06:24	114	11:59	52S	17:35	246	17:59
2025	Dec 18	(Thu)	06:01	06:24	114	12:00	52S	17:36	246	17:59
2025	Dec 19	(Fri)	06:01	06:25	114	12:00	51S	17:36	246	18:00
2025	Dec 20	(Sat)	06:02	06:25	114	12:01	51S	17:37	246	18:00
2025	Dec 21	(Sun)	06:02	06:26	114	12:01	51S	17:37	246	18:01
2025	Dec 22	(Mon)	06:03	06:26	114	12:02	51S	17:38	246	18:01
2025	Dec 23	(Tue)	06:03	06:27	114	12:02	51S	17:38	246	18:02
2025	Dec 24	(Wed)	06:04	06:27	114	12:03	51S	17:39	246	18:02
2025	Dec 25	(Thu)	06:04	06:28	114	12:03	52S	17:39	246	18:03
2025	Dec 26	(Fri)	06:05	06:28	114	12:04	52S	17:40	246	18:03
2025	Dec 27	(Sat)	06:05	06:29	114	12:04	52S	17:40	246	18:04
2025	Dec 28	(Sun)	06:06	06:29	114	12:05	52S	17:41	246	18:04
2025	Dec 29	(Mon)	06:06	06:29	114	12:05	52S	17:41	246	18:05
2025	Dec 30	(Tue)	06:06	06:30	114	12:06	52S	17:42	246	18:05
2025	Dec 31	(Wed)	06:07	06:30	114	12:06	52S	17:43	246	18:06

Moon

Yasothon

Location: E104°08'52.7", N15°47'56.3", 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	°
2025 Jan 01 (Wed)	07:40	117	13:21	49S	19:04	245
2025 Jan 02 (Thu)	08:30	113	14:15	53S	20:04	249
2025 Jan 03 (Fri)	09:15	108	15:07	59S	21:02	255
2025 Jan 04 (Sat)	09:58	101	15:56	65S	21:58	262
2025 Jan 05 (Sun)	10:37	95	16:43	72S	22:53	269
2025 Jan 06 (Mon)	11:16	87	17:30	79S	23:49	276
2025 Jan 07 (Tue)	11:56	80	18:19	86S		
2025 Jan 08 (Wed)	12:38	74	19:09	89N	00:46	283
2025 Jan 09 (Thu)	13:24	68	20:04	84N	01:45	289
2025 Jan 10 (Fri)	14:16	64	21:02	80N	02:47	294
2025 Jan 11 (Sat)	15:12	61	22:03	78N	03:51	298
2025 Jan 12 (Sun)	16:13	60	23:04	78N	04:54	300
2025 Jan 13 (Mon)	17:15	62			05:55	299
2025 Jan 14 (Tue)	18:16	65	00:04	80N	06:50	297
2025 Jan 15 (Wed)	19:13	69	00:59	83N	07:38	293
2025 Jan 16 (Thu)	20:07	75	01:49	88N	08:21	288
2025 Jan 17 (Fri)	20:57	81	02:35	88S	08:59	282
2025 Jan 18 (Sat)	21:45	87	03:17	82S	09:34	276
2025 Jan 19 (Sun)	22:31	93	03:58	76S	10:07	270
2025 Jan 20 (Mon)	23:17	99	04:37	70S	10:40	264
2025 Jan 21 (Tue)			05:16	64S	11:13	258
2025 Jan 22 (Wed)	00:04	105	05:57	59S	11:48	253
2025 Jan 23 (Thu)	00:53	110	06:41	54S	12:26	248
2025 Jan 24 (Fri)	01:45	114	07:28	50S	13:08	244
2025 Jan 25 (Sat)	02:39	117	08:18	47S	13:56	241
2025 Jan 26 (Sun)	03:36	119	09:13	46S	14:50	240
2025 Jan 27 (Mon)	04:33	120	10:10	46S	15:48	241
2025 Jan 28 (Tue)	05:29	118	11:08	48S	16:49	243
2025 Jan 29 (Wed)	06:21	115	12:04	51S	17:50	247
2025 Jan 30 (Thu)	07:09	110	12:58	57S	18:51	253
2025 Jan 31 (Fri)	07:54	104	13:50	63S	19:50	259
2025 Feb 01 (Sat)	08:35	97	14:39	70S	20:47	267
2025 Feb 02 (Sun)	09:15	90	15:27	77S	21:44	274
2025 Feb 03 (Mon)	09:56	82	16:16	84S	22:41	281
2025 Feb 04 (Tue)	10:37	75	17:06	91S	23:40	288
2025 Feb 05 (Wed)	11:22	69	17:59	85N		
2025 Feb 06 (Thu)	12:11	65	18:56	81N	00:40	293

2025 Feb 07 (Fri)	13:06	61	19:55	78N	01:43	297
2025 Feb 08 (Sat)	14:04	60	20:55	78N	02:46	299
2025 Feb 09 (Sun)	15:04	61	21:54	79N	03:46	300
2025 Feb 10 (Mon)	16:04	63	22:50	82N	04:42	298
2025 Feb 11 (Tue)	17:02	67	23:41	86N	05:32	295
2025 Feb 12 (Wed)	17:57	73			06:16	290
2025 Feb 13 (Thu)	18:48	78	00:28	90S	06:56	285
2025 Feb 14 (Fri)	19:37	84	01:12	85S	07:32	279
2025 Feb 15 (Sat)	20:24	91	01:53	79S	08:05	272
2025 Feb 16 (Sun)	21:10	97	02:33	73S	08:38	266
2025 Feb 17 (Mon)	21:57	103	03:12	67S	09:11	260
2025 Feb 18 (Tue)	22:45	108	03:52	61S	09:45	255
2025 Feb 19 (Wed)	23:35	113	04:35	56S	10:21	250
2025 Feb 20 (Thu)			05:19	52S	11:02	246
2025 Feb 21 (Fri)	00:28	116	06:08	48S	11:46	242
2025 Feb 22 (Sat)	01:23	119	07:00	46S	12:37	240
2025 Feb 23 (Sun)	02:19	120	07:55	46S	13:32	240
2025 Feb 24 (Mon)	03:14	119	08:52	47S	14:31	242
2025 Feb 25 (Tue)	04:08	117	09:48	49S	15:32	245
2025 Feb 26 (Wed)	04:58	113	10:44	54S	16:33	250
2025 Feb 27 (Thu)	05:44	107	11:37	60S	17:33	256
2025 Feb 28 (Fri)	06:28	100	12:28	66S	18:32	263
2025 Mar 01 (Sat)	07:09	93	13:18	74S	19:31	271
2025 Mar 02 (Sun)	07:51	85	14:08	81S	20:30	279
2025 Mar 03 (Mon)	08:33	78	15:00	88S	21:30	286
2025 Mar 04 (Tue)	09:18	71	15:53	87N	22:32	292
2025 Mar 05 (Wed)	10:07	66	16:50	82N	23:36	296
2025 Mar 06 (Thu)	11:01	62	17:49	79N		
2025 Mar 07 (Fri)	11:58	60	18:50	78N	00:40	299
2025 Mar 08 (Sat)	12:58	60	19:49	78N	01:41	300
2025 Mar 09 (Sun)	13:58	62	20:45	81N	02:38	299
2025 Mar 10 (Mon)	14:56	66	21:37	84N	03:29	296
2025 Mar 11 (Tue)	15:51	71	22:25	89N	04:14	292
2025 Mar 12 (Wed)	16:43	76	23:09	87S	04:55	287
2025 Mar 13 (Thu)	17:32	82	23:50	81S	05:31	281
2025 Mar 14 (Fri)	18:19	88			06:05	275
2025 Mar 15 (Sat)	19:05	95	00:30	75S	06:38	269
2025 Mar 16 (Sun)	19:52	100	01:09	69S	07:11	263
2025 Mar 17 (Mon)	20:39	106	01:49	63S	07:44	257
2025 Mar 18 (Tue)	21:28	111	02:31	58S	08:20	252
2025 Mar 19 (Wed)	22:20	115	03:15	53S	08:58	247
2025 Mar 20 (Thu)	23:13	118	04:01	49S	09:41	243
2025 Mar 21 (Fri)			04:51	47S	10:28	241
2025 Mar 22 (Sat)	00:08	120	05:44	46S	11:20	240
2025 Mar 23 (Sun)	01:02	120	06:39	46S	12:16	241
2025 Mar 24 (Mon)	01:55	118	07:34	48S	13:15	243
2025 Mar 25 (Tue)	02:46	115	08:29	51S	14:14	247
2025 Mar 26 (Wed)	03:33	110	09:22	56S	15:14	253
2025 Mar 27 (Thu)	04:17	104	10:13	63S	16:13	259
2025 Mar 28 (Fri)	04:59	97	11:03	70S	17:12	267
2025 Mar 29 (Sat)	05:41	89	11:54	77S	18:11	275
2025 Mar 30 (Sun)	06:24	81	12:46	85S	19:13	282
2025 Mar 31 (Mon)	07:09	74	13:40	90N	20:16	289
2025 Apr 01 (Tue)	07:58	68	14:38	84N	21:22	295
2025 Apr 02 (Wed)	08:51	63	15:39	80N	22:28	298
2025 Apr 03 (Thu)	09:50	61	16:41	78N	23:33	300
2025 Apr 04 (Fri)	10:51	60	17:42	78N		
2025 Apr 05 (Sat)	11:52	62	18:40	80N	00:33	299
2025 Apr 06 (Sun)	12:51	65	19:34	83N	01:26	297
2025 Apr 07 (Mon)	13:47	69	20:23	88N	02:14	293
2025 Apr 08 (Tue)	14:39	74	21:08	89S	02:55	288
2025 Apr 09 (Wed)	15:29	80	21:50	83S	03:33	283
2025 Apr 10 (Thu)	16:16	86	22:30	77S	04:07	277
2025 Apr 11 (Fri)	17:02	92	23:09	71S	04:40	271
2025 Apr 12 (Sat)	17:48	98	23:48	65S	05:12	265
2025 Apr 13 (Sun)	18:35	104			05:45	259
2025 Apr 14 (Mon)	19:24	109	00:29	60S	06:20	253

2025 Apr 15 (Tue)	20:15 114	01:12 55S	06:57 248
2025 Apr 16 (Wed)	21:07 117	01:58 51S	07:39 245
2025 Apr 17 (Thu)	22:01 119	02:46 48S	08:24 242
2025 Apr 18 (Fri)	22:55 120	03:38 46S	09:14 240
2025 Apr 19 (Sat)	23:48 119	04:31 46S	10:08 240
2025 Apr 20 (Sun)		05:26 47S	11:04 242
2025 Apr 21 (Mon)	00:38 116	06:19 50S	12:02 245
2025 Apr 22 (Tue)	01:25 112	07:11 54S	13:00 250
2025 Apr 23 (Wed)	02:09 107	08:01 60S	13:57 256
2025 Apr 24 (Thu)	02:50 100	08:50 66S	14:54 263
2025 Apr 25 (Fri)	03:31 93	09:39 73S	15:52 271
2025 Apr 26 (Sat)	04:12 86	10:30 81S	16:51 278
2025 Apr 27 (Sun)	04:56 78	11:22 88S	17:54 286
2025 Apr 28 (Mon)	05:43 71	12:19 87N	18:59 292
2025 Apr 29 (Tue)	06:36 66	13:20 82N	20:07 297
2025 Apr 30 (Wed)	07:34 62	14:24 79N	21:16 299
2025 May 01 (Thu)	08:36 60	15:28 78N	22:20 300
2025 May 02 (Fri)	09:40 61	16:30 79N	23:18 298
2025 May 03 (Sat)	10:42 64	17:27 82N	
2025 May 04 (Sun)	11:41 68	18:19 86N	00:09 294
2025 May 05 (Mon)	12:35 73	19:06 90S	00:54 290
2025 May 06 (Tue)	13:26 78	19:49 85S	01:33 284
2025 May 07 (Wed)	14:14 84	20:29 79S	02:08 279
2025 May 08 (Thu)	15:00 91	21:09 73S	02:42 272
2025 May 09 (Fri)	15:46 97	21:48 67S	03:14 266
2025 May 10 (Sat)	16:32 102	22:28 61S	03:47 261
2025 May 11 (Sun)	17:20 108	23:10 56S	04:21 255
2025 May 12 (Mon)	18:10 112	23:55 52S	04:57 250
2025 May 13 (Tue)	19:03 116		05:37 246
2025 May 14 (Wed)	19:57 119	00:43 49S	06:22 243
2025 May 15 (Thu)	20:51 120	01:34 46S	07:11 241
2025 May 16 (Fri)	21:44 119	02:27 46S	08:04 240
2025 May 17 (Sat)	22:34 117	03:21 47S	08:59 242
2025 May 18 (Sun)	23:21 114	04:14 49S	09:56 244
2025 May 19 (Mon)		05:06 53S	10:52 249
2025 May 20 (Tue)	00:05 109	05:55 58S	11:48 254
2025 May 21 (Wed)	00:46 103	06:43 64S	12:43 260
2025 May 22 (Thu)	01:26 96	07:30 70S	13:38 267
2025 May 23 (Fri)	02:05 89	08:18 78S	14:35 275
2025 May 24 (Sat)	02:46 82	09:08 85S	15:34 282
2025 May 25 (Sun)	03:30 75	10:01 90N	16:37 289
2025 May 26 (Mon)	04:19 68	10:59 84N	17:43 294
2025 May 27 (Tue)	05:15 64	12:02 80N	18:52 298
2025 May 28 (Wed)	06:16 61	13:08 78N	20:00 300
2025 May 29 (Thu)	07:21 61	14:13 78N	21:03 299
2025 May 30 (Fri)	08:26 62	15:14 81N	21:59 296
2025 May 31 (Sat)	09:28 66	16:10 84N	22:48 292
2025 Jun 01 (Sun)	10:26 71	17:00 89N	23:30 286
2025 Jun 02 (Mon)	11:19 76	17:45 86S	
2025 Jun 03 (Tue)	12:09 82	18:27 81S	00:07 281
2025 Jun 04 (Wed)	12:56 89	19:07 75S	00:42 274
2025 Jun 05 (Thu)	13:42 95	19:46 69S	01:15 268
2025 Jun 06 (Fri)	14:29 101	20:26 63S	01:47 262
2025 Jun 07 (Sat)	15:16 106	21:08 58S	02:21 257
2025 Jun 08 (Sun)	16:05 111	21:52 53S	02:57 252
2025 Jun 09 (Mon)	16:57 115	22:39 50S	03:36 247
2025 Jun 10 (Tue)	17:51 118	23:29 47S	04:19 243
2025 Jun 11 (Wed)	18:46 119		05:07 241
2025 Jun 12 (Thu)	19:40 119	00:22 46S	05:59 240
2025 Jun 13 (Fri)	20:31 118	01:16 46S	06:54 241
2025 Jun 14 (Sat)	21:20 115	02:10 48S	07:51 244
2025 Jun 15 (Sun)	22:04 110	03:03 52S	08:48 247
2025 Jun 16 (Mon)	22:45 104	03:52 56S	09:44 253
2025 Jun 17 (Tue)	23:25 98	04:40 62S	10:38 259
2025 Jun 18 (Wed)		05:27 68S	11:32 265
2025 Jun 19 (Thu)	00:03 91	06:13 75S	12:27 272
2025 Jun 20 (Fri)	00:42 84	07:00 82S	13:23 280

2025 Jun 21 (Sat)	01:23	77	07:50	89S	14:22	286
2025 Jun 22 (Sun)	02:09	71	08:45	86N	15:25	292
2025 Jun 23 (Mon)	03:00	66	09:44	82N	16:31	297
2025 Jun 24 (Tue)	03:57	62	10:47	79N	17:39	299
2025 Jun 25 (Wed)	05:00	60	11:52	78N	18:44	299
2025 Jun 26 (Thu)	06:06	61	12:56	79N	19:44	297
2025 Jun 27 (Fri)	07:10	64	13:55	83N	20:37	294
2025 Jun 28 (Sat)	08:11	69	14:49	87N	21:23	289
2025 Jun 29 (Sun)	09:08	74	15:37	89S	22:03	283
2025 Jun 30 (Mon)	10:00	80	16:22	83S	22:39	277
2025 Jul 01 (Tue)	10:49	86	17:03	77S	23:13	270
2025 Jul 02 (Wed)	11:37	93	17:43	71S	23:46	264
2025 Jul 03 (Thu)	12:23	99	18:23	65S		
2025 Jul 04 (Fri)	13:10	104	19:04	59S	00:20	259
2025 Jul 05 (Sat)	13:59	109	19:47	55S	00:55	253
2025 Jul 06 (Sun)	14:50	114	20:33	51S	01:33	248
2025 Jul 07 (Mon)	15:43	117	21:22	48S	02:14	245
2025 Jul 08 (Tue)	16:38	119	22:15	46S	03:00	242
2025 Jul 09 (Wed)	17:32	120	23:09	46S	03:51	240
2025 Jul 10 (Thu)	18:26	119			04:46	241
2025 Jul 11 (Fri)	19:16	116	00:04	47S	05:44	243
2025 Jul 12 (Sat)	20:02	112	00:58	50S	06:42	246
2025 Jul 13 (Sun)	20:45	106	01:49	55S	07:39	251
2025 Jul 14 (Mon)	21:25	100	02:38	60S	08:34	257
2025 Jul 15 (Tue)	22:04	93	03:25	67S	09:29	263
2025 Jul 16 (Wed)	22:42	86	04:11	73S	10:23	270
2025 Jul 17 (Thu)	23:22	79	04:58	80S	11:18	278
2025 Jul 18 (Fri)			05:46	87S	12:15	284
2025 Jul 19 (Sat)	00:05	73	06:38	88N	13:15	290
2025 Jul 20 (Sun)	00:52	67	07:33	83N	14:18	295
2025 Jul 21 (Mon)	01:46	63	08:33	80N	15:23	299
2025 Jul 22 (Tue)	02:45	61	09:36	78N	16:28	300
2025 Jul 23 (Wed)	03:48	61	10:40	78N	17:30	299
2025 Jul 24 (Thu)	04:53	63	11:40	81N	18:25	296
2025 Jul 25 (Fri)	05:55	66	12:36	85N	19:14	291
2025 Jul 26 (Sat)	06:54	72	13:27	90N	19:57	285
2025 Jul 27 (Sun)	07:49	77	14:14	85S	20:35	279
2025 Jul 28 (Mon)	08:40	84	14:57	79S	21:10	273
2025 Jul 29 (Tue)	09:29	90	15:38	73S	21:44	267
2025 Jul 30 (Wed)	10:16	96	16:18	67S	22:18	261
2025 Jul 31 (Thu)	11:03	102	16:59	61S	22:52	255
2025 Aug 01 (Fri)	11:52	108	17:42	56S	23:29	250
2025 Aug 02 (Sat)	12:42	112	18:26	52S		
2025 Aug 03 (Sun)	13:34	116	19:14	49S	00:09	246
2025 Aug 04 (Mon)	14:28	119	20:05	46S	00:53	243
2025 Aug 05 (Tue)	15:22	120	20:59	46S	01:42	241
2025 Aug 06 (Wed)	16:16	119	21:53	47S	02:35	240
2025 Aug 07 (Thu)	17:08	117	22:48	49S	03:32	241
2025 Aug 08 (Fri)	17:56	113	23:41	53S	04:30	244
2025 Aug 09 (Sat)	18:41	108			05:28	249
2025 Aug 10 (Sun)	19:23	102	00:32	58S	06:26	255
2025 Aug 11 (Mon)	20:03	95	01:21	64S	07:22	261
2025 Aug 12 (Tue)	20:42	88	02:08	71S	08:17	268
2025 Aug 13 (Wed)	21:22	81	02:55	78S	09:13	276
2025 Aug 14 (Thu)	22:04	74	03:43	85S	10:10	283
2025 Aug 15 (Fri)	22:50	68	04:34	90N	11:09	289
2025 Aug 16 (Sat)	23:41	64	05:28	84N	12:11	294
2025 Aug 17 (Sun)			06:27	80N	13:15	298
2025 Aug 18 (Mon)	00:37	61	07:28	78N	14:19	300
2025 Aug 19 (Tue)	01:38	60	08:30	78N	15:21	299
2025 Aug 20 (Wed)	02:41	62	09:30	80N	16:17	297
2025 Aug 21 (Thu)	03:43	65	10:27	83N	17:07	293
2025 Aug 22 (Fri)	04:42	69	11:19	88N	17:51	288
2025 Aug 23 (Sat)	05:38	75	12:07	88S	18:31	282
2025 Aug 24 (Sun)	06:30	81	12:51	82S	19:07	276
2025 Aug 25 (Mon)	07:20	87	13:33	76S	19:42	269
2025 Aug 26 (Tue)	08:08	94	14:14	69S	20:16	263

2025 Aug 27 (Wed)	08:56 100	14:54 64S	20:50 257
2025 Aug 28 (Thu)	09:44 106	15:36 58S	21:25 252
2025 Aug 29 (Fri)	10:33 111	16:20 54S	22:04 247
2025 Aug 30 (Sat)	11:24 115	17:06 50S	22:46 244
2025 Aug 31 (Sun)	12:17 118	17:56 47S	23:33 241
2025 Sep 01 (Mon)	13:11 120	18:48 46S	
2025 Sep 02 (Tue)	14:05 120	19:41 46S	00:24 240
2025 Sep 03 (Wed)	14:57 118	20:36 48S	01:18 241
2025 Sep 04 (Thu)	15:47 115	21:29 51S	02:15 243
2025 Sep 05 (Fri)	16:33 111	22:21 56S	03:14 247
2025 Sep 06 (Sat)	17:16 105	23:11 61S	04:12 252
2025 Sep 07 (Sun)	17:57 98	23:59 68S	05:09 258
2025 Sep 08 (Mon)	18:38 91		06:05 265
2025 Sep 09 (Tue)	19:18 84	00:48 75S	07:02 273
2025 Sep 10 (Wed)	20:00 77	01:37 83S	08:00 280
2025 Sep 11 (Thu)	20:46 70	02:28 90S	09:00 287
2025 Sep 12 (Fri)	21:37 65	03:23 86N	10:03 293
2025 Sep 13 (Sat)	22:32 62	04:21 81N	11:08 297
2025 Sep 14 (Sun)	23:32 60	05:22 78N	12:13 299
2025 Sep 15 (Mon)		06:24 78N	13:15 300
2025 Sep 16 (Tue)	00:34 61	07:24 79N	14:13 298
2025 Sep 17 (Wed)	01:36 63	08:21 82N	15:04 295
2025 Sep 18 (Thu)	02:35 68	09:14 86N	15:49 290
2025 Sep 19 (Fri)	03:31 73	10:02 90S	16:30 284
2025 Sep 20 (Sat)	04:24 79	10:47 84S	17:06 278
2025 Sep 21 (Sun)	05:14 85	11:29 78S	17:41 272
2025 Sep 22 (Mon)	06:02 91	12:10 72S	18:15 266
2025 Sep 23 (Tue)	06:49 98	12:51 66S	18:49 259
2025 Sep 24 (Wed)	07:37 104	13:32 60S	19:24 254
2025 Sep 25 (Thu)	08:26 109	14:15 55S	20:01 249
2025 Sep 26 (Fri)	09:17 113	15:00 51S	20:42 245
2025 Sep 27 (Sat)	10:09 117	15:48 48S	21:26 242
2025 Sep 28 (Sun)	11:02 119	16:39 46S	22:15 240
2025 Sep 29 (Mon)	11:55 120	17:31 46S	23:07 240
2025 Sep 30 (Tue)	12:47 119	18:24 47S	
2025 Oct 01 (Wed)	13:37 117	19:17 49S	00:02 242
2025 Oct 02 (Thu)	14:23 113	20:08 53S	00:59 245
2025 Oct 03 (Fri)	15:07 108	20:58 58S	01:56 249
2025 Oct 04 (Sat)	15:49 102	21:47 65S	02:52 255
2025 Oct 05 (Sun)	16:29 95	22:35 72S	03:49 262
2025 Oct 06 (Mon)	17:10 87	23:25 79S	04:45 269
2025 Oct 07 (Tue)	17:52 80		05:44 276
2025 Oct 08 (Wed)	18:37 73	00:16 86S	06:44 284
2025 Oct 09 (Thu)	19:28 67	01:11 88N	07:48 290
2025 Oct 10 (Fri)	20:23 63	02:09 83N	08:55 295
2025 Oct 11 (Sat)	21:24 61	03:11 79N	10:02 299
2025 Oct 12 (Sun)	22:27 61	04:15 78N	11:07 300
2025 Oct 13 (Mon)	23:30 63	05:18 78N	12:08 299
2025 Oct 14 (Tue)		06:17 81N	13:02 296
2025 Oct 15 (Wed)	00:30 66	07:11 85N	13:49 291
2025 Oct 16 (Thu)	01:27 71	08:01 90N	14:30 286
2025 Oct 17 (Fri)	02:20 77	08:46 86S	15:07 280
2025 Oct 18 (Sat)	03:10 83	09:28 80S	15:42 274
2025 Oct 19 (Sun)	03:58 89	10:09 74S	16:16 268
2025 Oct 20 (Mon)	04:45 96	10:49 68S	16:49 262
2025 Oct 21 (Tue)	05:33 101	11:30 62S	17:24 256
2025 Oct 22 (Wed)	06:21 107	12:12 57S	18:00 251
2025 Oct 23 (Thu)	07:11 112	12:56 53S	18:40 246
2025 Oct 24 (Fri)	08:03 116	13:43 49S	19:23 243
2025 Oct 25 (Sat)	08:55 118	14:33 47S	20:10 241
2025 Oct 26 (Sun)	09:48 120	15:24 46S	21:00 240
2025 Oct 27 (Mon)	10:40 119	16:17 46S	21:54 241
2025 Oct 28 (Tue)	11:30 118	17:08 48S	22:49 243
2025 Oct 29 (Wed)	12:16 115	17:59 52S	23:44 247
2025 Oct 30 (Thu)	13:00 110	18:48 56S	
2025 Oct 31 (Fri)	13:41 105	19:35 62S	00:39 252
2025 Nov 01 (Sat)	14:21 98	20:22 68S	01:33 258

2025 Nov 02 (Sun)	15:00	91	21:10	75S	02:28	265
2025 Nov 03 (Mon)	15:41	84	22:00	83S	03:24	272
2025 Nov 04 (Tue)	16:24	77	22:53	90S	04:23	280
2025 Nov 05 (Wed)	17:12	70	23:50	86N	05:25	287
2025 Nov 06 (Thu)	18:07	65			06:32	293
2025 Nov 07 (Fri)	19:07	61	00:52	81N	07:41	297
2025 Nov 08 (Sat)	20:12	60	01:58	78N	08:50	299
2025 Nov 09 (Sun)	21:18	62	03:04	78N	09:56	299
2025 Nov 10 (Mon)	22:22	65	04:07	80N	10:54	297
2025 Nov 11 (Tue)	23:21	70	05:05	83N	11:45	293
2025 Nov 12 (Wed)			05:57	88N	12:29	288
2025 Nov 13 (Thu)	00:16	75	06:44	88S	13:08	282
2025 Nov 14 (Fri)	01:07	81	07:27	82S	13:44	276
2025 Nov 15 (Sat)	01:56	87	08:09	76S	14:18	269
2025 Nov 16 (Sun)	02:43	94	08:49	70S	14:51	263
2025 Nov 17 (Mon)	03:30	100	09:29	64S	15:25	258
2025 Nov 18 (Tue)	04:18	105	10:10	59S	16:00	252
2025 Nov 19 (Wed)	05:07	110	10:54	54S	16:39	248
2025 Nov 20 (Thu)	05:58	114	11:40	50S	17:21	244
2025 Nov 21 (Fri)	06:50	117	12:29	48S	18:07	242
2025 Nov 22 (Sat)	07:43	119	13:20	46S	18:56	241
2025 Nov 23 (Sun)	08:36	119	14:12	46S	19:49	241
2025 Nov 24 (Mon)	09:26	118	15:04	48S	20:43	243
2025 Nov 25 (Tue)	10:13	116	15:54	51S	21:38	246
2025 Nov 26 (Wed)	10:57	112	16:43	55S	22:31	251
2025 Nov 27 (Thu)	11:37	107	17:29	60S	23:24	256
2025 Nov 28 (Fri)	12:16	101	18:15	66S		
2025 Nov 29 (Sat)	12:54	94	19:00	72S	00:17	262
2025 Nov 30 (Sun)	13:32	87	19:47	79S	01:10	269
2025 Dec 01 (Mon)	14:13	80	20:36	86S	02:05	276
2025 Dec 02 (Tue)	14:57	73	21:30	89N	03:04	283
2025 Dec 03 (Wed)	15:48	67	22:29	83N	04:07	290
2025 Dec 04 (Thu)	16:45	63	23:33	80N	05:14	295
2025 Dec 05 (Fri)	17:48	61			06:24	298
2025 Dec 06 (Sat)	18:56	61	00:41	78N	07:34	299
2025 Dec 07 (Sun)	20:04	63	01:48	79N	08:38	298
2025 Dec 08 (Mon)	21:08	68	02:50	82N	09:34	294
2025 Dec 09 (Tue)	22:07	73	03:47	86N	10:23	290
2025 Dec 10 (Wed)	23:01	79	04:38	90S	11:05	284
2025 Dec 11 (Thu)	23:51	86	05:24	84S	11:43	278
2025 Dec 12 (Fri)			06:06	78S	12:18	271
2025 Dec 13 (Sat)	00:40	92	06:47	71S	12:52	265
2025 Dec 14 (Sun)	01:27	98	07:28	66S	13:25	259
2025 Dec 15 (Mon)	02:14	104	08:09	60S	14:00	254
2025 Dec 16 (Tue)	03:03	109	08:52	55S	14:38	249
2025 Dec 17 (Wed)	03:53	113	09:37	51S	15:19	245
2025 Dec 18 (Thu)	04:45	117	10:25	48S	16:03	242
2025 Dec 19 (Fri)	05:38	119	11:16	46S	16:52	241
2025 Dec 20 (Sat)	06:31	119	12:08	46S	17:44	241
2025 Dec 21 (Sun)	07:23	119	13:00	47S	18:39	242
2025 Dec 22 (Mon)	08:11	116	13:51	50S	19:34	245
2025 Dec 23 (Tue)	08:56	113	14:40	53S	20:28	249
2025 Dec 24 (Wed)	09:37	108	15:27	58S	21:21	255
2025 Dec 25 (Thu)	10:16	102	16:13	64S	22:12	261
2025 Dec 26 (Fri)	10:53	96	16:57	70S	23:04	267
2025 Dec 27 (Sat)	11:30	89	17:41	77S	23:57	274
2025 Dec 28 (Sun)	12:08	83	18:28	84S		
2025 Dec 29 (Mon)	12:49	76	19:17	90S	00:52	281
2025 Dec 30 (Tue)	13:35	70	20:12	86N	01:50	287
2025 Dec 31 (Wed)	14:27	65	21:12	81N	02:53	293