

Sun

Phichit

Location: E100°20'34.8", N16°26'34.8", 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)	05:57	06:47 114		12:22 51S	17:57 246		18:48
2025 Jan 02 (Thu)	05:57	06:47 114		12:23 51S	17:58 246		18:48
2025 Jan 03 (Fri)	05:58	06:48 114		12:23 51S	17:59 246		18:49
2025 Jan 04 (Sat)	05:58	06:48 113		12:24 52S	17:59 247		18:49
2025 Jan 05 (Sun)	05:58	06:48 113		12:24 52S	18:00 247		18:50
2025 Jan 06 (Mon)	05:59	06:49 113		12:24 52S	18:00 247		18:50
2025 Jan 07 (Tue)	05:59	06:49 113		12:25 52S	18:01 247		18:51
2025 Jan 08 (Wed)	05:59	06:49 113		12:25 52S	18:02 247		18:52
2025 Jan 09 (Thu)	05:59	06:49 113		12:26 52S	18:02 247		18:52
2025 Jan 10 (Fri)	06:00	06:50 113		12:26 52S	18:03 247		18:53
2025 Jan 11 (Sat)	06:00	06:50 113		12:27 53S	18:03 248		18:53
2025 Jan 12 (Sun)	06:00	06:50 112		12:27 53S	18:04 248		18:54
2025 Jan 13 (Mon)	06:00	06:50 112		12:27 53S	18:05 248		18:54
2025 Jan 14 (Tue)	06:01	06:50 112		12:28 53S	18:05 248		18:55
2025 Jan 15 (Wed)	06:01	06:50 112		12:28 53S	18:06 248		18:55
2025 Jan 16 (Thu)	06:01	06:50 112		12:28 53S	18:06 248		18:56
2025 Jan 17 (Fri)	06:01	06:51 111		12:29 54S	18:07 249		18:56
2025 Jan 18 (Sat)	06:01	06:51 111		12:29 54S	18:08 249		18:57
2025 Jan 19 (Sun)	06:01	06:51 111		12:29 54S	18:08 249		18:58
2025 Jan 20 (Mon)	06:01	06:51 111		12:30 54S	18:09 249		18:58
2025 Jan 21 (Tue)	06:01	06:51 111		12:30 54S	18:09 250		18:59
2025 Jan 22 (Wed)	06:01	06:51 110		12:30 55S	18:10 250		18:59
2025 Jan 23 (Thu)	06:01	06:51 110		12:30 55S	18:10 250		19:00
2025 Jan 24 (Fri)	06:02	06:51 110		12:31 55S	18:11 250		19:00
2025 Jan 25 (Sat)	06:01	06:50 110		12:31 55S	18:12 251		19:00
2025 Jan 26 (Sun)	06:01	06:50 109		12:31 56S	18:12 251		19:01
2025 Jan 27 (Mon)	06:01	06:50 109		12:31 56S	18:13 251		19:01
2025 Jan 28 (Tue)	06:01	06:50 109		12:32 56S	18:13 251		19:02
2025 Jan 29 (Wed)	06:01	06:50 108		12:32 56S	18:14 252		19:02
2025 Jan 30 (Thu)	06:01	06:50 108		12:32 57S	18:14 252		19:03
2025 Jan 31 (Fri)	06:01	06:50 108		12:32 57S	18:15 252		19:03
2025 Feb 01 (Sat)	06:01	06:49 108		12:32 57S	18:15 253		19:04
2025 Feb 02 (Sun)	06:01	06:49 107		12:32 58S	18:16 253		19:04
2025 Feb 03 (Mon)	06:01	06:49 107		12:32 58S	18:16 253		19:04
2025 Feb 04 (Tue)	06:00	06:49 107		12:33 58S	18:17 253		19:05
2025 Feb 05 (Wed)	06:00	06:48 106		12:33 58S	18:17 254		19:05
2025 Feb 06 (Thu)	06:00	06:48 106		12:33 59S	18:18 254		19:06
2025 Feb 07 (Fri)	06:00	06:48 106		12:33 59S	18:18 254		19:06
2025 Feb 08 (Sat)	05:59	06:47 105		12:33 59S	18:18 255		19:06
2025 Feb 09 (Sun)	05:59	06:47 105		12:33 60S	18:19 255		19:07
2025 Feb 10 (Mon)	05:59	06:47 105		12:33 60S	18:19 255		19:07
2025 Feb 11 (Tue)	05:58	06:46 104		12:33 60S	18:20 256		19:07
2025 Feb 12 (Wed)	05:58	06:46 104		12:33 61S	18:20 256		19:08
2025 Feb 13 (Thu)	05:58	06:45 104		12:33 61S	18:21 256		19:08
2025 Feb 14 (Fri)	05:57	06:45 103		12:33 61S	18:21 257		19:08
2025 Feb 15 (Sat)	05:57	06:44 103		12:33 62S	18:21 257		19:09
2025 Feb 16 (Sun)	05:56	06:44 103		12:33 62S	18:22 258		19:09
2025 Feb 17 (Mon)	05:56	06:43 102		12:33 62S	18:22 258		19:09
2025 Feb 18 (Tue)	05:56	06:43 102		12:33 63S	18:22 258		19:10
2025 Feb 19 (Wed)	05:55	06:42 102		12:32 63S	18:23 259		19:10
2025 Feb 20 (Thu)	05:55	06:42 101		12:32 63S	18:23 259		19:10
2025 Feb 21 (Fri)	05:54	06:41 101		12:32 64S	18:23 259		19:10
2025 Feb 22 (Sat)	05:54	06:41 100		12:32 64S	18:24 260		19:11
2025 Feb 23 (Sun)	05:53	06:40 100		12:32 65S	18:24 260		19:11
2025 Feb 24 (Mon)	05:53	06:40 100		12:32 65S	18:24 261		19:11

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

2025	May	03	(Sat)	05:04	05:53	73	12:16	90S	18:38	287	19:27
2025	May	04	(Sun)	05:03	05:52	73	12:15	90S	18:39	287	19:28
2025	May	05	(Mon)	05:03	05:52	73	12:15	91S	18:39	287	19:28
2025	May	06	(Tue)	05:02	05:52	72	12:15	91N	18:39	288	19:29
2025	May	07	(Wed)	05:02	05:51	72	12:15	90N	18:39	288	19:29
2025	May	08	(Thu)	05:01	05:51	72	12:15	90N	18:40	288	19:29
2025	May	09	(Fri)	05:01	05:50	72	12:15	90N	18:40	289	19:30
2025	May	10	(Sat)	05:00	05:50	71	12:15	89N	18:40	289	19:30
2025	May	11	(Sun)	05:00	05:50	71	12:15	89N	18:41	289	19:31
2025	May	12	(Mon)	04:59	05:49	71	12:15	89N	18:41	289	19:31
2025	May	13	(Tue)	04:59	05:49	71	12:15	89N	18:41	290	19:31
2025	May	14	(Wed)	04:58	05:48	70	12:15	88N	18:42	290	19:32
2025	May	15	(Thu)	04:58	05:48	70	12:15	88N	18:42	290	19:32
2025	May	16	(Fri)	04:58	05:48	70	12:15	88N	18:42	290	19:33
2025	May	17	(Sat)	04:57	05:48	70	12:15	88N	18:43	291	19:33
2025	May	18	(Sun)	04:57	05:47	69	12:15	88N	18:43	291	19:34
2025	May	19	(Mon)	04:56	05:47	69	12:15	87N	18:43	291	19:34
2025	May	20	(Tue)	04:56	05:47	69	12:15	87N	18:44	291	19:34
2025	May	21	(Wed)	04:56	05:47	69	12:15	87N	18:44	291	19:35
2025	May	22	(Thu)	04:56	05:46	68	12:15	87N	18:44	292	19:35
2025	May	23	(Fri)	04:55	05:46	68	12:15	87N	18:45	292	19:36
2025	May	24	(Sat)	04:55	05:46	68	12:15	86N	18:45	292	19:36
2025	May	25	(Sun)	04:55	05:46	68	12:16	86N	18:45	292	19:37
2025	May	26	(Mon)	04:55	05:46	68	12:16	86N	18:46	292	19:37
2025	May	27	(Tue)	04:54	05:46	67	12:16	86N	18:46	293	19:37
2025	May	28	(Wed)	04:54	05:46	67	12:16	86N	18:46	293	19:38
2025	May	29	(Thu)	04:54	05:45	67	12:16	85N	18:47	293	19:38
2025	May	30	(Fri)	04:54	05:45	67	12:16	85N	18:47	293	19:39
2025	May	31	(Sat)	04:54	05:45	67	12:16	85N	18:48	293	19:39
2025	Jun	01	(Sun)	04:54	05:45	67	12:16	85N	18:48	293	19:39
2025	Jun	02	(Mon)	04:54	05:45	67	12:17	85N	18:48	294	19:40
2025	Jun	03	(Tue)	04:54	05:45	66	12:17	85N	18:49	294	19:40
2025	Jun	04	(Wed)	04:53	05:45	66	12:17	85N	18:49	294	19:41
2025	Jun	05	(Thu)	04:53	05:45	66	12:17	85N	18:49	294	19:41
2025	Jun	06	(Fri)	04:53	05:45	66	12:17	84N	18:50	294	19:41
2025	Jun	07	(Sat)	04:53	05:45	66	12:18	84N	18:50	294	19:42
2025	Jun	08	(Sun)	04:53	05:45	66	12:18	84N	18:50	294	19:42
2025	Jun	09	(Mon)	04:53	05:45	66	12:18	84N	18:50	294	19:43
2025	Jun	10	(Tue)	04:53	05:45	66	12:18	84N	18:51	294	19:43
2025	Jun	11	(Wed)	04:54	05:46	66	12:18	84N	18:51	294	19:43
2025	Jun	12	(Thu)	04:54	05:46	66	12:18	84N	18:51	295	19:44
2025	Jun	13	(Fri)	04:54	05:46	65	12:19	84N	18:52	295	19:44
2025	Jun	14	(Sat)	04:54	05:46	65	12:19	84N	18:52	295	19:44
2025	Jun	15	(Sun)	04:54	05:46	65	12:19	84N	18:52	295	19:44
2025	Jun	16	(Mon)	04:54	05:46	65	12:19	84N	18:52	295	19:45
2025	Jun	17	(Tue)	04:54	05:46	65	12:20	84N	18:53	295	19:45
2025	Jun	18	(Wed)	04:54	05:47	65	12:20	84N	18:53	295	19:45
2025	Jun	19	(Thu)	04:55	05:47	65	12:20	84N	18:53	295	19:45
2025	Jun	20	(Fri)	04:55	05:47	65	12:20	84N	18:53	295	19:46
2025	Jun	21	(Sat)	04:55	05:47	65	12:20	84N	18:54	295	19:46
2025	Jun	22	(Sun)	04:55	05:47	65	12:21	84N	18:54	295	19:46
2025	Jun	23	(Mon)	04:55	05:48	65	12:21	84N	18:54	295	19:46
2025	Jun	24	(Tue)	04:56	05:48	65	12:21	84N	18:54	295	19:47
2025	Jun	25	(Wed)	04:56	05:48	65	12:21	84N	18:54	295	19:47
2025	Jun	26	(Thu)	04:56	05:48	65	12:22	84N	18:55	295	19:47
2025	Jun	27	(Fri)	04:56	05:49	65	12:22	84N	18:55	295	19:47
2025	Jun	28	(Sat)	04:57	05:49	65	12:22	84N	18:55	295	19:47
2025	Jun	29	(Sun)	04:57	05:49	65	12:22	84N	18:55	295	19:47
2025	Jun	30	(Mon)	04:57	05:49	66	12:22	84N	18:55	294	19:47
2025	Jul	01	(Tue)	04:58	05:50	66	12:23	84N	18:55	294	19:47
2025	Jul	02	(Wed)	04:58	05:50	66	12:23	84N	18:55	294	19:47
2025	Jul	03	(Thu)	04:58	05:50	66	12:23	84N	18:55	294	19:47
2025	Jul	04	(Fri)	04:59	05:51	66	12:23	84N	18:55	294	19:47
2025	Jul	05	(Sat)	04:59	05:51	66	12:23	84N	18:55	294	19:47
2025	Jul	06	(Sun)	04:59	05:51	66	12:23	84N	18:56	294	19:47
2025	Jul	07	(Mon)	05:00	05:52	66	12:24	85N	18:56	294	19:47
2025	Jul	08	(Tue)	05:00	05:52	66	12:24	85N	18:56	294	19:47

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

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

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

Sun

Phichit

Location: E100°20'34.8", N16°26'34.8", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
				h m	h m	°	h m °	h m °		h m
2025	Jan	01	(Wed)	06:24	06:47	114	12:22 51S	17:57 246		18:21
2025	Jan	02	(Thu)	06:24	06:47	114	12:23 51S	17:58 246		18:21
2025	Jan	03	(Fri)	06:24	06:48	114	12:23 51S	17:59 246		18:22
2025	Jan	04	(Sat)	06:25	06:48	113	12:24 52S	17:59 247		18:22
2025	Jan	05	(Sun)	06:25	06:48	113	12:24 52S	18:00 247		18:23
2025	Jan	06	(Mon)	06:25	06:49	113	12:24 52S	18:00 247		18:24
2025	Jan	07	(Tue)	06:26	06:49	113	12:25 52S	18:01 247		18:24
2025	Jan	08	(Wed)	06:26	06:49	113	12:25 52S	18:02 247		18:25
2025	Jan	09	(Thu)	06:26	06:49	113	12:26 52S	18:02 247		18:25
2025	Jan	10	(Fri)	06:26	06:50	113	12:26 52S	18:03 247		18:26
2025	Jan	11	(Sat)	06:27	06:50	113	12:27 53S	18:03 248		18:27
2025	Jan	12	(Sun)	06:27	06:50	112	12:27 53S	18:04 248		18:27

2025	Jan	13	(Mon)	06:27	06:50	112	12:27	53S	18:05	248	18:28
2025	Jan	14	(Tue)	06:27	06:50	112	12:28	53S	18:05	248	18:28
2025	Jan	15	(Wed)	06:27	06:50	112	12:28	53S	18:06	248	18:29
2025	Jan	16	(Thu)	06:27	06:50	112	12:28	53S	18:06	248	18:29
2025	Jan	17	(Fri)	06:28	06:51	111	12:29	54S	18:07	249	18:30
2025	Jan	18	(Sat)	06:28	06:51	111	12:29	54S	18:08	249	18:31
2025	Jan	19	(Sun)	06:28	06:51	111	12:29	54S	18:08	249	18:31
2025	Jan	20	(Mon)	06:28	06:51	111	12:30	54S	18:09	249	18:32
2025	Jan	21	(Tue)	06:28	06:51	111	12:30	54S	18:09	250	18:32
2025	Jan	22	(Wed)	06:28	06:51	110	12:30	55S	18:10	250	18:33
2025	Jan	23	(Thu)	06:28	06:51	110	12:30	55S	18:10	250	18:33
2025	Jan	24	(Fri)	06:28	06:51	110	12:31	55S	18:11	250	18:34
2025	Jan	25	(Sat)	06:28	06:50	110	12:31	55S	18:12	251	18:34
2025	Jan	26	(Sun)	06:28	06:50	109	12:31	56S	18:12	251	18:35
2025	Jan	27	(Mon)	06:28	06:50	109	12:31	56S	18:13	251	18:35
2025	Jan	28	(Tue)	06:27	06:50	109	12:32	56S	18:13	251	18:36
2025	Jan	29	(Wed)	06:27	06:50	108	12:32	56S	18:14	252	18:36
2025	Jan	30	(Thu)	06:27	06:50	108	12:32	57S	18:14	252	18:37
2025	Jan	31	(Fri)	06:27	06:50	108	12:32	57S	18:15	252	18:37
2025	Feb	01	(Sat)	06:27	06:49	108	12:32	57S	18:15	253	18:38
2025	Feb	02	(Sun)	06:27	06:49	107	12:32	58S	18:16	253	18:38
2025	Feb	03	(Mon)	06:26	06:49	107	12:32	58S	18:16	253	18:39
2025	Feb	04	(Tue)	06:26	06:49	107	12:33	58S	18:17	253	18:39
2025	Feb	05	(Wed)	06:26	06:48	106	12:33	58S	18:17	254	18:39
2025	Feb	06	(Thu)	06:26	06:48	106	12:33	59S	18:18	254	18:40
2025	Feb	07	(Fri)	06:25	06:48	106	12:33	59S	18:18	254	18:40
2025	Feb	08	(Sat)	06:25	06:47	105	12:33	59S	18:18	255	18:41
2025	Feb	09	(Sun)	06:25	06:47	105	12:33	60S	18:19	255	18:41
2025	Feb	10	(Mon)	06:24	06:47	105	12:33	60S	18:19	255	18:41
2025	Feb	11	(Tue)	06:24	06:46	104	12:33	60S	18:20	256	18:42
2025	Feb	12	(Wed)	06:24	06:46	104	12:33	61S	18:20	256	18:42
2025	Feb	13	(Thu)	06:23	06:45	104	12:33	61S	18:21	256	18:43
2025	Feb	14	(Fri)	06:23	06:45	103	12:33	61S	18:21	257	18:43
2025	Feb	15	(Sat)	06:22	06:44	103	12:33	62S	18:21	257	18:43
2025	Feb	16	(Sun)	06:22	06:44	103	12:33	62S	18:22	258	18:44
2025	Feb	17	(Mon)	06:21	06:43	102	12:33	62S	18:22	258	18:44
2025	Feb	18	(Tue)	06:21	06:43	102	12:33	63S	18:22	258	18:44
2025	Feb	19	(Wed)	06:20	06:42	102	12:32	63S	18:23	259	18:45
2025	Feb	20	(Thu)	06:20	06:42	101	12:32	63S	18:23	259	18:45
2025	Feb	21	(Fri)	06:19	06:41	101	12:32	64S	18:23	259	18:45
2025	Feb	22	(Sat)	06:19	06:41	100	12:32	64S	18:24	260	18:45
2025	Feb	23	(Sun)	06:18	06:40	100	12:32	65S	18:24	260	18:46
2025	Feb	24	(Mon)	06:18	06:40	100	12:32	65S	18:24	261	18:46
2025	Feb	25	(Tue)	06:17	06:39	99	12:32	65S	18:25	261	18:46
2025	Feb	26	(Wed)	06:17	06:38	99	12:31	66S	18:25	261	18:47
2025	Feb	27	(Thu)	06:16	06:38	98	12:31	66S	18:25	262	18:47
2025	Feb	28	(Fri)	06:15	06:37	98	12:31	66S	18:25	262	18:47
2025	Mar	01	(Sat)	06:15	06:36	98	12:31	67S	18:26	263	18:47
2025	Mar	02	(Sun)	06:14	06:36	97	12:31	67S	18:26	263	18:48
2025	Mar	03	(Mon)	06:14	06:35	97	12:31	68S	18:26	263	18:48
2025	Mar	04	(Tue)	06:13	06:35	96	12:30	68S	18:26	264	18:48
2025	Mar	05	(Wed)	06:12	06:34	96	12:30	68S	18:27	264	18:48
2025	Mar	06	(Thu)	06:12	06:33	96	12:30	69S	18:27	265	18:48
2025	Mar	07	(Fri)	06:11	06:32	95	12:30	69S	18:27	265	18:49
2025	Mar	08	(Sat)	06:10	06:32	95	12:29	69S	18:27	265	18:49
2025	Mar	09	(Sun)	06:09	06:31	94	12:29	70S	18:27	266	18:49
2025	Mar	10	(Mon)	06:09	06:30	94	12:29	70S	18:28	266	18:49
2025	Mar	11	(Tue)	06:08	06:30	94	12:29	71S	18:28	267	18:49
2025	Mar	12	(Wed)	06:07	06:29	93	12:28	71S	18:28	267	18:50
2025	Mar	13	(Thu)	06:07	06:28	93	12:28	71S	18:28	267	18:50
2025	Mar	14	(Fri)	06:06	06:27	92	12:28	72S	18:28	268	18:50
2025	Mar	15	(Sat)	06:05	06:27	92	12:28	72S	18:29	268	18:50
2025	Mar	16	(Sun)	06:04	06:26	92	12:27	73S	18:29	269	18:50
2025	Mar	17	(Mon)	06:04	06:25	91	12:27	73S	18:29	269	18:51
2025	Mar	18	(Tue)	06:03	06:24	91	12:27	73S	18:29	269	18:51
2025	Mar	19	(Wed)	06:02	06:24	90	12:26	74S	18:29	270	18:51
2025	Mar	20	(Thu)	06:01	06:23	90	12:26	74S	18:30	270	18:51

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

2025	May	27	(Tue)	05:22	05:46	67	12:16	86N	18:46	293	19:10
2025	May	28	(Wed)	05:22	05:46	67	12:16	86N	18:46	293	19:10
2025	May	29	(Thu)	05:22	05:45	67	12:16	85N	18:47	293	19:10
2025	May	30	(Fri)	05:22	05:45	67	12:16	85N	18:47	293	19:11
2025	May	31	(Sat)	05:22	05:45	67	12:16	85N	18:48	293	19:11
2025	Jun	01	(Sun)	05:22	05:45	67	12:16	85N	18:48	293	19:11
2025	Jun	02	(Mon)	05:22	05:45	67	12:17	85N	18:48	294	19:12
2025	Jun	03	(Tue)	05:21	05:45	66	12:17	85N	18:49	294	19:12
2025	Jun	04	(Wed)	05:21	05:45	66	12:17	85N	18:49	294	19:13
2025	Jun	05	(Thu)	05:21	05:45	66	12:17	85N	18:49	294	19:13
2025	Jun	06	(Fri)	05:21	05:45	66	12:17	84N	18:50	294	19:13
2025	Jun	07	(Sat)	05:21	05:45	66	12:18	84N	18:50	294	19:14
2025	Jun	08	(Sun)	05:21	05:45	66	12:18	84N	18:50	294	19:14
2025	Jun	09	(Mon)	05:22	05:45	66	12:18	84N	18:50	294	19:14
2025	Jun	10	(Tue)	05:22	05:45	66	12:18	84N	18:51	294	19:15
2025	Jun	11	(Wed)	05:22	05:46	66	12:18	84N	18:51	294	19:15
2025	Jun	12	(Thu)	05:22	05:46	66	12:18	84N	18:51	295	19:15
2025	Jun	13	(Fri)	05:22	05:46	65	12:19	84N	18:52	295	19:16
2025	Jun	14	(Sat)	05:22	05:46	65	12:19	84N	18:52	295	19:16
2025	Jun	15	(Sun)	05:22	05:46	65	12:19	84N	18:52	295	19:16
2025	Jun	16	(Mon)	05:22	05:46	65	12:19	84N	18:52	295	19:16
2025	Jun	17	(Tue)	05:22	05:46	65	12:20	84N	18:53	295	19:17
2025	Jun	18	(Wed)	05:23	05:47	65	12:20	84N	18:53	295	19:17
2025	Jun	19	(Thu)	05:23	05:47	65	12:20	84N	18:53	295	19:17
2025	Jun	20	(Fri)	05:23	05:47	65	12:20	84N	18:53	295	19:17
2025	Jun	21	(Sat)	05:23	05:47	65	12:20	84N	18:54	295	19:18
2025	Jun	22	(Sun)	05:23	05:47	65	12:21	84N	18:54	295	19:18
2025	Jun	23	(Mon)	05:24	05:48	65	12:21	84N	18:54	295	19:18
2025	Jun	24	(Tue)	05:24	05:48	65	12:21	84N	18:54	295	19:18
2025	Jun	25	(Wed)	05:24	05:48	65	12:21	84N	18:54	295	19:18
2025	Jun	26	(Thu)	05:24	05:48	65	12:22	84N	18:55	295	19:19
2025	Jun	27	(Fri)	05:25	05:49	65	12:22	84N	18:55	295	19:19
2025	Jun	28	(Sat)	05:25	05:49	65	12:22	84N	18:55	295	19:19
2025	Jun	29	(Sun)	05:25	05:49	65	12:22	84N	18:55	295	19:19
2025	Jun	30	(Mon)	05:26	05:49	66	12:22	84N	18:55	294	19:19
2025	Jul	01	(Tue)	05:26	05:50	66	12:23	84N	18:55	294	19:19
2025	Jul	02	(Wed)	05:26	05:50	66	12:23	84N	18:55	294	19:19
2025	Jul	03	(Thu)	05:27	05:50	66	12:23	84N	18:55	294	19:19
2025	Jul	04	(Fri)	05:27	05:51	66	12:23	84N	18:55	294	19:19
2025	Jul	05	(Sat)	05:27	05:51	66	12:23	84N	18:55	294	19:19
2025	Jul	06	(Sun)	05:27	05:51	66	12:23	84N	18:56	294	19:19
2025	Jul	07	(Mon)	05:28	05:52	66	12:24	85N	18:56	294	19:19
2025	Jul	08	(Tue)	05:28	05:52	66	12:24	85N	18:56	294	19:19
2025	Jul	09	(Wed)	05:29	05:52	66	12:24	85N	18:55	294	19:19
2025	Jul	10	(Thu)	05:29	05:53	66	12:24	85N	18:55	293	19:19
2025	Jul	11	(Fri)	05:29	05:53	67	12:24	85N	18:55	293	19:19
2025	Jul	12	(Sat)	05:30	05:53	67	12:24	85N	18:55	293	19:19
2025	Jul	13	(Sun)	05:30	05:54	67	12:24	85N	18:55	293	19:19
2025	Jul	14	(Mon)	05:30	05:54	67	12:25	86N	18:55	293	19:19
2025	Jul	15	(Tue)	05:31	05:54	67	12:25	86N	18:55	293	19:19
2025	Jul	16	(Wed)	05:31	05:54	67	12:25	86N	18:55	292	19:18
2025	Jul	17	(Thu)	05:31	05:55	68	12:25	86N	18:55	292	19:18
2025	Jul	18	(Fri)	05:32	05:55	68	12:25	86N	18:55	292	19:18
2025	Jul	19	(Sat)	05:32	05:55	68	12:25	86N	18:54	292	19:18
2025	Jul	20	(Sun)	05:32	05:56	68	12:25	87N	18:54	292	19:18
2025	Jul	21	(Mon)	05:33	05:56	68	12:25	87N	18:54	292	19:17
2025	Jul	22	(Tue)	05:33	05:56	69	12:25	87N	18:54	291	19:17
2025	Jul	23	(Wed)	05:33	05:57	69	12:25	87N	18:53	291	19:17
2025	Jul	24	(Thu)	05:34	05:57	69	12:25	87N	18:53	291	19:16
2025	Jul	25	(Fri)	05:34	05:57	69	12:25	88N	18:53	291	19:16
2025	Jul	26	(Sat)	05:34	05:58	69	12:25	88N	18:53	290	19:16
2025	Jul	27	(Sun)	05:35	05:58	70	12:25	88N	18:52	290	19:15
2025	Jul	28	(Mon)	05:35	05:58	70	12:25	88N	18:52	290	19:15
2025	Jul	29	(Tue)	05:35	05:59	70	12:25	88N	18:52	290	19:15
2025	Jul	30	(Wed)	05:36	05:59	70	12:25	89N	18:51	289	19:14
2025	Jul	31	(Thu)	05:36	05:59	71	12:25	89N	18:51	289	19:14
2025	Aug	01	(Fri)	05:36	05:59	71	12:25	89N	18:50	289	19:13

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

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

2025	Dec 14	(Sun)	06:15	06:38	114	12:13	51S	17:48	246	18:11
2025	Dec 15	(Mon)	06:16	06:39	114	12:14	51S	17:48	246	18:12
2025	Dec 16	(Tue)	06:16	06:40	114	12:14	51S	17:49	246	18:12
2025	Dec 17	(Wed)	06:17	06:40	114	12:15	51S	17:49	246	18:13
2025	Dec 18	(Thu)	06:17	06:41	114	12:15	51S	17:50	246	18:13
2025	Dec 19	(Fri)	06:18	06:41	114	12:16	51S	17:50	246	18:14
2025	Dec 20	(Sat)	06:18	06:42	114	12:16	51S	17:51	246	18:14
2025	Dec 21	(Sun)	06:19	06:42	114	12:17	51S	17:51	246	18:15
2025	Dec 22	(Mon)	06:19	06:43	114	12:17	51S	17:52	246	18:15
2025	Dec 23	(Tue)	06:20	06:43	114	12:18	51S	17:52	246	18:16
2025	Dec 24	(Wed)	06:20	06:44	114	12:18	51S	17:53	246	18:16
2025	Dec 25	(Thu)	06:21	06:44	114	12:19	51S	17:53	246	18:17
2025	Dec 26	(Fri)	06:21	06:45	114	12:19	51S	17:54	246	18:17
2025	Dec 27	(Sat)	06:22	06:45	114	12:20	51S	17:54	246	18:18
2025	Dec 28	(Sun)	06:22	06:45	114	12:20	51S	17:55	246	18:18
2025	Dec 29	(Mon)	06:22	06:46	114	12:21	51S	17:56	246	18:19
2025	Dec 30	(Tue)	06:23	06:46	114	12:21	51S	17:56	246	18:19
2025	Dec 31	(Wed)	06:23	06:47	114	12:22	51S	17:57	246	18:20

Moon

Phichit

Location: E100°20'34.8", N16°26'34.8", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise	Az.	Transit Alt.	Set	Az.
	h m °		h m °	h m °	
2025 Jan 01 (Wed)	07:57	117	13:37 49S	19:18	245
2025 Jan 02 (Thu)	08:47	113	14:31 53S	20:18	249
2025 Jan 03 (Fri)	09:32	108	15:23 58S	21:17	255
2025 Jan 04 (Sat)	10:14	101	16:12 65S	22:14	262
2025 Jan 05 (Sun)	10:53	94	16:59 71S	23:09	269
2025 Jan 06 (Mon)	11:32	87	17:46 78S		
2025 Jan 07 (Tue)	12:11	80	18:34 85S	00:05	276
2025 Jan 08 (Wed)	12:53	74	19:25 90N	01:02	283
2025 Jan 09 (Thu)	13:39	68	20:20 85N	02:02	290
2025 Jan 10 (Fri)	14:30	64	21:18 81N	03:04	295
2025 Jan 11 (Sat)	15:27	61	22:19 79N	04:08	298
2025 Jan 12 (Sun)	16:27	60	23:20 79N	05:12	300
2025 Jan 13 (Mon)	17:29	62		06:12	299
2025 Jan 14 (Tue)	18:30	65	00:19 81N	07:07	297
2025 Jan 15 (Wed)	19:28	69	01:15 84N	07:55	293
2025 Jan 16 (Thu)	20:22	75	02:05 89N	08:38	288
2025 Jan 17 (Fri)	21:12	81	02:51 87S	09:15	282
2025 Jan 18 (Sat)	22:00	87	03:33 81S	09:50	276
2025 Jan 19 (Sun)	22:47	93	04:13 75S	10:23	270
2025 Jan 20 (Mon)	23:33	99	04:53 70S	10:55	264
2025 Jan 21 (Tue)			05:32 64S	11:28	258
2025 Jan 22 (Wed)	00:20	105	06:13 58S	12:02	253
2025 Jan 23 (Thu)	01:10	110	06:56 54S	12:40	248
2025 Jan 24 (Fri)	02:02	114	07:43 50S	13:23	244
2025 Jan 25 (Sat)	02:56	118	08:34 47S	14:10	241
2025 Jan 26 (Sun)	03:53	120	09:29 45S	15:04	240
2025 Jan 27 (Mon)	04:50	120	10:26 45S	16:02	241
2025 Jan 28 (Tue)	05:46	118	11:24 47S	17:03	243
2025 Jan 29 (Wed)	06:38	115	12:20 51S	18:05	247
2025 Jan 30 (Thu)	07:26	110	13:14 56S	19:06	253
2025 Jan 31 (Fri)	08:10	104	14:06 62S	20:05	260
2025 Feb 01 (Sat)	08:51	97	14:55 69S	21:03	267
2025 Feb 02 (Sun)	09:31	89	15:43 76S	22:00	274
2025 Feb 03 (Mon)	10:11	82	16:32 83S	22:57	281
2025 Feb 04 (Tue)	10:52	75	17:22 90S	23:56	288
2025 Feb 05 (Wed)	11:37	69	18:15 86N		
2025 Feb 06 (Thu)	12:26	65	19:12 82N	00:58	293

2025 Feb 07 (Fri)	13:20	61	20:11	79N	02:00	297
2025 Feb 08 (Sat)	14:18	60	21:11	78N	03:03	300
2025 Feb 09 (Sun)	15:18	61	22:10	80N	04:03	300
2025 Feb 10 (Mon)	16:19	63	23:05	82N	04:59	298
2025 Feb 11 (Tue)	17:17	67	23:57	87N	05:49	295
2025 Feb 12 (Wed)	18:12	73			06:33	290
2025 Feb 13 (Thu)	19:03	78	00:44	90S	07:12	285
2025 Feb 14 (Fri)	19:52	84	01:27	84S	07:48	279
2025 Feb 15 (Sat)	20:40	91	02:09	78S	08:21	272
2025 Feb 16 (Sun)	21:26	97	02:48	72S	08:53	266
2025 Feb 17 (Mon)	22:13	103	03:28	66S	09:26	260
2025 Feb 18 (Tue)	23:02	108	04:08	60S	10:00	255
2025 Feb 19 (Wed)	23:52	113	04:50	55S	10:36	250
2025 Feb 20 (Thu)			05:35	51S	11:16	245
2025 Feb 21 (Fri)	00:45	116	06:24	48S	12:01	242
2025 Feb 22 (Sat)	01:40	119	07:16	46S	12:51	240
2025 Feb 23 (Sun)	02:36	120	08:11	45S	13:46	240
2025 Feb 24 (Mon)	03:32	119	09:08	46S	14:45	242
2025 Feb 25 (Tue)	04:25	117	10:04	49S	15:46	245
2025 Feb 26 (Wed)	05:14	113	11:00	53S	16:48	250
2025 Feb 27 (Thu)	06:01	107	11:53	59S	17:48	256
2025 Feb 28 (Fri)	06:44	100	12:44	66S	18:48	263
2025 Mar 01 (Sat)	07:25	93	13:34	73S	19:47	271
2025 Mar 02 (Sun)	08:06	85	14:24	81S	20:46	279
2025 Mar 03 (Mon)	08:48	78	15:15	88S	21:47	286
2025 Mar 04 (Tue)	09:33	71	16:09	88N	22:49	292
2025 Mar 05 (Wed)	10:22	66	17:06	83N	23:53	296
2025 Mar 06 (Thu)	11:15	62	18:05	79N		
2025 Mar 07 (Fri)	12:13	60	19:06	78N	00:57	299
2025 Mar 08 (Sat)	13:13	60	20:05	79N	01:59	300
2025 Mar 09 (Sun)	14:13	62	21:01	81N	02:55	299
2025 Mar 10 (Mon)	15:11	66	21:53	85N	03:46	296
2025 Mar 11 (Tue)	16:06	71	22:40	90N	04:31	292
2025 Mar 12 (Wed)	16:58	76	23:24	86S	05:11	287
2025 Mar 13 (Thu)	17:47	82			05:47	281
2025 Mar 14 (Fri)	18:34	88	00:06	80S	06:21	275
2025 Mar 15 (Sat)	19:21	95	00:46	74S	06:53	269
2025 Mar 16 (Sun)	20:08	101	01:25	68S	07:26	262
2025 Mar 17 (Mon)	20:56	106	02:05	62S	07:59	257
2025 Mar 18 (Tue)	21:45	111	02:46	57S	08:34	251
2025 Mar 19 (Wed)	22:37	115	03:30	53S	09:13	247
2025 Mar 20 (Thu)	23:30	118	04:17	49S	09:55	243
2025 Mar 21 (Fri)			05:07	46S	10:42	241
2025 Mar 22 (Sat)	00:25	120	06:00	45S	11:34	240
2025 Mar 23 (Sun)	01:20	120	06:55	45S	12:30	241
2025 Mar 24 (Mon)	02:13	118	07:50	47S	13:29	243
2025 Mar 25 (Tue)	03:03	115	08:45	51S	14:29	247
2025 Mar 26 (Wed)	03:49	110	09:37	56S	15:29	253
2025 Mar 27 (Thu)	04:33	104	10:29	62S	16:28	259
2025 Mar 28 (Fri)	05:15	97	11:19	69S	17:28	267
2025 Mar 29 (Sat)	05:57	89	12:10	77S	18:27	275
2025 Mar 30 (Sun)	06:39	81	13:02	84S	19:29	282
2025 Mar 31 (Mon)	07:24	74	13:56	90N	20:33	289
2025 Apr 01 (Tue)	08:12	68	14:54	85N	21:39	295
2025 Apr 02 (Wed)	09:06	63	15:54	81N	22:46	298
2025 Apr 03 (Thu)	10:04	61	16:57	78N	23:50	300
2025 Apr 04 (Fri)	11:05	60	17:58	79N		
2025 Apr 05 (Sat)	12:06	62	18:56	80N	00:50	299
2025 Apr 06 (Sun)	13:06	65	19:50	84N	01:44	297
2025 Apr 07 (Mon)	14:02	69	20:39	88N	02:30	293
2025 Apr 08 (Tue)	14:54	74	21:23	88S	03:12	288
2025 Apr 09 (Wed)	15:44	80	22:05	82S	03:49	283
2025 Apr 10 (Thu)	16:31	86	22:45	76S	04:23	277
2025 Apr 11 (Fri)	17:18	93	23:24	70S	04:55	271
2025 Apr 12 (Sat)	18:04	99			05:27	264
2025 Apr 13 (Sun)	18:52	104	00:04	64S	06:00	259
2025 Apr 14 (Mon)	19:41	109	00:45	59S	06:35	253

2025 Apr 15 (Tue)	20:32 114	01:28 54S	07:12 248
2025 Apr 16 (Wed)	21:24 117	02:13 50S	07:53 244
2025 Apr 17 (Thu)	22:19 119	03:02 47S	08:38 242
2025 Apr 18 (Fri)	23:13 120	03:54 45S	09:28 240
2025 Apr 19 (Sat)		04:47 45S	10:22 240
2025 Apr 20 (Sun)	00:05 119	05:41 46S	11:19 242
2025 Apr 21 (Mon)	00:55 116	06:35 49S	12:17 245
2025 Apr 22 (Tue)	01:42 112	07:27 54S	13:15 250
2025 Apr 23 (Wed)	02:25 107	08:17 59S	14:12 256
2025 Apr 24 (Thu)	03:06 100	09:06 66S	15:09 263
2025 Apr 25 (Fri)	03:47 93	09:55 73S	16:08 271
2025 Apr 26 (Sat)	04:28 85	10:45 80S	17:07 278
2025 Apr 27 (Sun)	05:11 78	11:38 88S	18:10 286
2025 Apr 28 (Mon)	05:58 71	12:35 87N	19:16 292
2025 Apr 29 (Tue)	06:50 65	13:36 82N	20:25 297
2025 Apr 30 (Wed)	07:48 62	14:40 79N	21:33 299
2025 May 01 (Thu)	08:50 60	15:44 78N	22:38 300
2025 May 02 (Fri)	09:54 61	16:46 80N	23:36 298
2025 May 03 (Sat)	10:57 63	17:43 83N	
2025 May 04 (Sun)	11:55 68	18:35 87N	00:26 294
2025 May 05 (Mon)	12:50 73	19:22 89S	01:11 290
2025 May 06 (Tue)	13:41 78	20:05 84S	01:49 284
2025 May 07 (Wed)	14:29 84	20:45 78S	02:24 279
2025 May 08 (Thu)	15:16 91	21:24 72S	02:57 272
2025 May 09 (Fri)	16:02 97	22:03 66S	03:29 266
2025 May 10 (Sat)	16:49 103	22:44 61S	04:02 260
2025 May 11 (Sun)	17:37 108	23:26 56S	04:36 255
2025 May 12 (Mon)	18:27 113		05:12 250
2025 May 13 (Tue)	19:20 116	00:11 51S	05:52 246
2025 May 14 (Wed)	20:14 119	00:59 48S	06:36 242
2025 May 15 (Thu)	21:08 120	01:50 46S	07:25 241
2025 May 16 (Fri)	22:01 119	02:43 45S	08:18 240
2025 May 17 (Sat)	22:52 117	03:37 46S	09:13 241
2025 May 18 (Sun)	23:38 114	04:30 48S	10:10 244
2025 May 19 (Mon)		05:21 52S	11:07 249
2025 May 20 (Tue)	00:22 109	06:11 57S	12:03 254
2025 May 21 (Wed)	01:02 103	06:58 63S	12:58 260
2025 May 22 (Thu)	01:41 96	07:46 70S	13:54 268
2025 May 23 (Fri)	02:21 89	08:34 77S	14:51 275
2025 May 24 (Sat)	03:01 81	09:23 84S	15:50 282
2025 May 25 (Sun)	03:45 74	10:17 90N	16:54 289
2025 May 26 (Mon)	04:34 68	11:15 85N	18:00 295
2025 May 27 (Tue)	05:29 63	12:18 81N	19:10 298
2025 May 28 (Wed)	06:30 61	13:23 79N	20:17 300
2025 May 29 (Thu)	07:35 60	14:28 79N	21:21 299
2025 May 30 (Fri)	08:40 62	15:30 81N	22:16 296
2025 May 31 (Sat)	09:43 66	16:25 85N	23:04 292
2025 Jun 01 (Sun)	10:41 71	17:16 90N	23:46 286
2025 Jun 02 (Mon)	11:34 76	18:01 86S	
2025 Jun 03 (Tue)	12:24 82	18:43 80S	00:23 280
2025 Jun 04 (Wed)	13:12 89	19:23 74S	00:58 274
2025 Jun 05 (Thu)	13:58 95	20:02 68S	01:30 268
2025 Jun 06 (Fri)	14:45 101	20:42 62S	02:03 262
2025 Jun 07 (Sat)	15:33 106	21:23 57S	02:36 257
2025 Jun 08 (Sun)	16:22 111	22:07 53S	03:11 251
2025 Jun 09 (Mon)	17:14 115	22:55 49S	03:50 247
2025 Jun 10 (Tue)	18:08 118	23:45 46S	04:33 243
2025 Jun 11 (Wed)	19:03 120		05:21 241
2025 Jun 12 (Thu)	19:57 120	00:38 45S	06:13 240
2025 Jun 13 (Fri)	20:49 118	01:32 46S	07:08 241
2025 Jun 14 (Sat)	21:37 115	02:26 48S	08:06 243
2025 Jun 15 (Sun)	22:21 110	03:18 51S	09:03 247
2025 Jun 16 (Mon)	23:02 104	04:08 56S	09:59 253
2025 Jun 17 (Tue)	23:41 98	04:56 61S	10:54 259
2025 Jun 18 (Wed)		05:42 68S	11:48 265
2025 Jun 19 (Thu)	00:19 91	06:28 75S	12:42 273
2025 Jun 20 (Fri)	00:57 84	07:16 82S	13:39 280

2025 Jun 21 (Sat)	01:38	77	08:06	88S	14:38	286
2025 Jun 22 (Sun)	02:23	71	09:00	87N	15:42	292
2025 Jun 23 (Mon)	03:14	65	10:00	82N	16:48	297
2025 Jun 24 (Tue)	04:11	62	11:03	79N	17:56	299
2025 Jun 25 (Wed)	05:14	60	12:08	79N	19:02	299
2025 Jun 26 (Thu)	06:20	61	13:12	80N	20:01	297
2025 Jun 27 (Fri)	07:25	64	14:11	83N	20:54	294
2025 Jun 28 (Sat)	08:26	69	15:05	88N	21:39	289
2025 Jun 29 (Sun)	09:23	74	15:53	88S	22:19	283
2025 Jun 30 (Mon)	10:15	80	16:37	82S	22:55	277
2025 Jul 01 (Tue)	11:05	86	17:19	76S	23:29	270
2025 Jul 02 (Wed)	11:52	93	17:59	70S		
2025 Jul 03 (Thu)	12:39	99	18:39	64S	00:02	264
2025 Jul 04 (Fri)	13:27	104	19:20	59S	00:35	258
2025 Jul 05 (Sat)	14:16	110	20:03	54S	01:10	253
2025 Jul 06 (Sun)	15:07	114	20:49	50S	01:47	248
2025 Jul 07 (Mon)	16:00	117	21:38	47S	02:29	244
2025 Jul 08 (Tue)	16:55	119	22:31	45S	03:15	242
2025 Jul 09 (Wed)	17:50	120	23:25	45S	04:05	240
2025 Jul 10 (Thu)	18:43	119			05:00	241
2025 Jul 11 (Fri)	19:33	116	00:20	47S	05:58	242
2025 Jul 12 (Sat)	20:19	112	01:13	50S	06:56	246
2025 Jul 13 (Sun)	21:01	106	02:05	54S	07:53	251
2025 Jul 14 (Mon)	21:41	100	02:54	60S	08:49	257
2025 Jul 15 (Tue)	22:19	93	03:41	66S	09:44	264
2025 Jul 16 (Wed)	22:57	86	04:27	73S	10:39	271
2025 Jul 17 (Thu)	23:37	79	05:13	80S	11:34	278
2025 Jul 18 (Fri)			06:02	87S	12:31	285
2025 Jul 19 (Sat)	00:20	72	06:53	89N	13:31	291
2025 Jul 20 (Sun)	01:07	67	07:49	84N	14:35	295
2025 Jul 21 (Mon)	02:00	63	08:49	80N	15:41	299
2025 Jul 22 (Tue)	02:59	61	09:52	79N	16:46	300
2025 Jul 23 (Wed)	04:03	60	10:56	79N	17:47	299
2025 Jul 24 (Thu)	05:07	63	11:56	82N	18:42	296
2025 Jul 25 (Fri)	06:10	66	12:52	86N	19:31	291
2025 Jul 26 (Sat)	07:09	72	13:43	91S	20:13	285
2025 Jul 27 (Sun)	08:04	77	14:30	85S	20:51	279
2025 Jul 28 (Mon)	08:55	84	15:13	78S	21:26	273
2025 Jul 29 (Tue)	09:44	90	15:54	72S	22:00	267
2025 Jul 30 (Wed)	10:32	96	16:34	66S	22:33	261
2025 Jul 31 (Thu)	11:20	102	17:15	61S	23:07	255
2025 Aug 01 (Fri)	12:08	108	17:57	56S	23:43	250
2025 Aug 02 (Sat)	12:59	112	18:42	51S		
2025 Aug 03 (Sun)	13:51	116	19:30	48S	00:23	246
2025 Aug 04 (Mon)	14:45	119	20:21	46S	01:07	242
2025 Aug 05 (Tue)	15:40	120	21:14	45S	01:56	241
2025 Aug 06 (Wed)	16:34	119	22:09	46S	02:49	240
2025 Aug 07 (Thu)	17:25	117	23:04	48S	03:46	241
2025 Aug 08 (Fri)	18:13	113	23:57	52S	04:45	244
2025 Aug 09 (Sat)	18:58	108			05:43	249
2025 Aug 10 (Sun)	19:39	102	00:48	58S	06:41	255
2025 Aug 11 (Mon)	20:19	95	01:36	64S	07:37	261
2025 Aug 12 (Tue)	20:57	88	02:24	71S	08:33	268
2025 Aug 13 (Wed)	21:37	81	03:11	78S	09:29	276
2025 Aug 14 (Thu)	22:19	74	03:59	85S	10:26	283
2025 Aug 15 (Fri)	23:04	68	04:50	90N	11:26	289
2025 Aug 16 (Sat)	23:55	64	05:44	85N	12:28	294
2025 Aug 17 (Sun)			06:42	81N	13:32	298
2025 Aug 18 (Mon)	00:51	61	07:43	79N	14:37	300
2025 Aug 19 (Tue)	01:52	60	08:46	79N	15:38	299
2025 Aug 20 (Wed)	02:55	61	09:46	80N	16:34	297
2025 Aug 21 (Thu)	03:58	65	10:43	84N	17:24	293
2025 Aug 22 (Fri)	04:57	69	11:35	89N	18:08	288
2025 Aug 23 (Sat)	05:53	75	12:22	87S	18:47	282
2025 Aug 24 (Sun)	06:46	81	13:06	81S	19:23	276
2025 Aug 25 (Mon)	07:36	88	13:48	75S	19:57	269
2025 Aug 26 (Tue)	08:24	94	14:29	69S	20:31	263

2025 Aug 27 (Wed)	09:12 100	15:10 63S	21:05 257
2025 Aug 28 (Thu)	10:00 106	15:52 57S	21:40 252
2025 Aug 29 (Fri)	10:50 111	16:36 53S	22:18 247
2025 Aug 30 (Sat)	11:41 115	17:22 49S	23:00 244
2025 Aug 31 (Sun)	12:35 118	18:11 46S	23:47 241
2025 Sep 01 (Mon)	13:29 120	19:03 45S	
2025 Sep 02 (Tue)	14:22 120	19:57 45S	00:38 240
2025 Sep 03 (Wed)	15:14 118	20:51 47S	01:33 241
2025 Sep 04 (Thu)	16:04 115	21:45 50S	02:30 243
2025 Sep 05 (Fri)	16:50 111	22:37 55S	03:28 247
2025 Sep 06 (Sat)	17:33 105	23:26 61S	04:27 252
2025 Sep 07 (Sun)	18:13 98		05:24 258
2025 Sep 08 (Mon)	18:53 91	00:15 68S	06:21 265
2025 Sep 09 (Tue)	19:33 84	01:04 75S	07:18 273
2025 Sep 10 (Wed)	20:16 76	01:53 82S	08:17 280
2025 Sep 11 (Thu)	21:01 70	02:44 89S	09:17 287
2025 Sep 12 (Fri)	21:51 65	03:39 87N	10:20 293
2025 Sep 13 (Sat)	22:46 62	04:37 82N	11:25 297
2025 Sep 14 (Sun)	23:46 60	05:38 79N	12:30 300
2025 Sep 15 (Mon)		06:40 78N	13:33 300
2025 Sep 16 (Tue)	00:49 61	07:40 80N	14:30 298
2025 Sep 17 (Wed)	01:50 63	08:37 82N	15:21 295
2025 Sep 18 (Thu)	02:50 68	09:30 87N	16:06 290
2025 Sep 19 (Fri)	03:46 73	10:18 89S	16:46 284
2025 Sep 20 (Sat)	04:39 79	11:03 83S	17:22 278
2025 Sep 21 (Sun)	05:29 85	11:45 77S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:26 71S	18:30 265
2025 Sep 23 (Tue)	07:05 98	13:06 65S	19:04 259
2025 Sep 24 (Wed)	07:54 104	13:48 60S	19:38 254
2025 Sep 25 (Thu)	08:43 109	14:31 55S	20:16 249
2025 Sep 26 (Fri)	09:34 113	15:16 50S	20:56 245
2025 Sep 27 (Sat)	10:26 117	16:04 47S	21:40 242
2025 Sep 28 (Sun)	11:19 119	16:54 45S	22:29 240
2025 Sep 29 (Mon)	12:12 120	17:47 45S	23:21 240
2025 Sep 30 (Tue)	13:04 119	18:40 46S	
2025 Oct 01 (Wed)	13:54 117	19:33 49S	00:17 242
2025 Oct 02 (Thu)	14:40 113	20:24 53S	01:13 245
2025 Oct 03 (Fri)	15:24 108	21:14 58S	02:10 249
2025 Oct 04 (Sat)	16:05 102	22:03 64S	03:07 255
2025 Oct 05 (Sun)	16:45 95	22:51 71S	04:04 262
2025 Oct 06 (Mon)	17:25 87	23:40 79S	05:01 269
2025 Oct 07 (Tue)	18:07 80		06:00 277
2025 Oct 08 (Wed)	18:52 73	00:32 86S	07:01 284
2025 Oct 09 (Thu)	19:42 67	01:26 89N	08:05 290
2025 Oct 10 (Fri)	20:37 63	02:25 84N	09:12 296
2025 Oct 11 (Sat)	21:38 60	03:27 80N	10:19 299
2025 Oct 12 (Sun)	22:41 60	04:31 78N	11:25 300
2025 Oct 13 (Mon)	23:44 62	05:34 79N	12:25 299
2025 Oct 14 (Tue)		06:33 81N	13:19 296
2025 Oct 15 (Wed)	00:45 66	07:27 85N	14:05 291
2025 Oct 16 (Thu)	01:42 71	08:16 90N	14:46 286
2025 Oct 17 (Fri)	02:35 77	09:01 85S	15:24 280
2025 Oct 18 (Sat)	03:26 83	09:44 79S	15:58 274
2025 Oct 19 (Sun)	04:14 89	10:24 73S	16:31 268
2025 Oct 20 (Mon)	05:01 96	11:05 67S	17:04 261
2025 Oct 21 (Tue)	05:49 102	11:45 61S	17:38 256
2025 Oct 22 (Wed)	06:38 107	12:28 56S	18:15 251
2025 Oct 23 (Thu)	07:28 112	13:12 52S	18:54 246
2025 Oct 24 (Fri)	08:20 116	13:59 48S	19:37 243
2025 Oct 25 (Sat)	09:13 118	14:49 46S	20:24 241
2025 Oct 26 (Sun)	10:06 120	15:40 45S	21:15 240
2025 Oct 27 (Mon)	10:57 120	16:32 46S	22:08 241
2025 Oct 28 (Tue)	11:47 118	17:24 48S	23:03 243
2025 Oct 29 (Wed)	12:33 115	18:15 51S	23:58 247
2025 Oct 30 (Thu)	13:17 110	19:04 56S	
2025 Oct 31 (Fri)	13:57 105	19:51 61S	00:54 252
2025 Nov 01 (Sat)	14:37 98	20:38 68S	01:48 258

2025 Nov 02 (Sun)	15:16 91	21:26 75S	02:44 265
2025 Nov 03 (Mon)	15:56 84	22:15 82S	03:40 273
2025 Nov 04 (Tue)	16:39 77	23:08 89S	04:39 280
2025 Nov 05 (Wed)	17:27 70		05:42 287
2025 Nov 06 (Thu)	18:21 65	00:06 86N	06:49 293
2025 Nov 07 (Fri)	19:21 61	01:08 82N	07:58 297
2025 Nov 08 (Sat)	20:26 60	02:14 79N	09:08 299
2025 Nov 09 (Sun)	21:32 62	03:20 79N	10:13 299
2025 Nov 10 (Mon)	22:36 65	04:23 81N	11:11 297
2025 Nov 11 (Tue)	23:36 70	05:21 84N	12:02 293
2025 Nov 12 (Wed)		06:13 89N	12:46 288
2025 Nov 13 (Thu)	00:31 75	07:00 87S	13:24 282
2025 Nov 14 (Fri)	01:23 81	07:43 81S	14:00 276
2025 Nov 15 (Sat)	02:12 88	08:24 75S	14:33 269
2025 Nov 16 (Sun)	02:59 94	09:04 69S	15:06 263
2025 Nov 17 (Mon)	03:46 100	09:45 63S	15:40 257
2025 Nov 18 (Tue)	04:34 105	10:26 58S	16:15 252
2025 Nov 19 (Wed)	05:24 110	11:10 53S	16:53 248
2025 Nov 20 (Thu)	06:15 115	11:56 49S	17:35 244
2025 Nov 21 (Fri)	07:08 118	12:45 47S	18:21 241
2025 Nov 22 (Sat)	08:01 119	13:36 45S	19:11 240
2025 Nov 23 (Sun)	08:53 120	14:28 46S	20:03 241
2025 Nov 24 (Mon)	09:43 118	15:20 47S	20:58 243
2025 Nov 25 (Tue)	10:30 116	16:10 50S	21:52 246
2025 Nov 26 (Wed)	11:13 112	16:58 54S	22:46 251
2025 Nov 27 (Thu)	11:54 107	17:45 59S	23:39 256
2025 Nov 28 (Fri)	12:32 101	18:30 65S	
2025 Nov 29 (Sat)	13:10 94	19:16 72S	00:32 262
2025 Nov 30 (Sun)	13:48 87	20:03 79S	01:26 269
2025 Dec 01 (Mon)	14:28 80	20:52 86S	02:22 277
2025 Dec 02 (Tue)	15:12 73	21:46 89N	03:20 284
2025 Dec 03 (Wed)	16:02 67	22:45 84N	04:24 290
2025 Dec 04 (Thu)	16:59 63	23:49 80N	05:31 295
2025 Dec 05 (Fri)	18:03 61		06:42 299
2025 Dec 06 (Sat)	19:10 61	00:57 79N	07:51 300
2025 Dec 07 (Sun)	20:18 63	02:04 80N	08:55 298
2025 Dec 08 (Mon)	21:22 68	03:06 82N	09:51 295
2025 Dec 09 (Tue)	22:22 73	04:03 87N	10:39 290
2025 Dec 10 (Wed)	23:16 79	04:54 89S	11:21 284
2025 Dec 11 (Thu)		05:39 83S	11:59 278
2025 Dec 12 (Fri)	00:07 86	06:22 77S	12:33 271
2025 Dec 13 (Sat)	00:55 92	07:03 71S	13:07 265
2025 Dec 14 (Sun)	01:43 98	07:43 65S	13:40 259
2025 Dec 15 (Mon)	02:31 104	08:25 59S	14:15 254
2025 Dec 16 (Tue)	03:20 109	09:07 55S	14:52 249
2025 Dec 17 (Wed)	04:10 113	09:53 51S	15:33 245
2025 Dec 18 (Thu)	05:03 117	10:41 48S	16:18 242
2025 Dec 19 (Fri)	05:56 119	11:31 46S	17:06 241
2025 Dec 20 (Sat)	06:49 120	12:24 45S	17:59 241
2025 Dec 21 (Sun)	07:40 119	13:16 47S	18:53 242
2025 Dec 22 (Mon)	08:28 116	14:07 49S	19:48 245
2025 Dec 23 (Tue)	09:13 113	14:56 53S	20:42 249
2025 Dec 24 (Wed)	09:54 108	15:43 58S	21:36 255
2025 Dec 25 (Thu)	10:32 102	16:28 63S	22:28 261
2025 Dec 26 (Fri)	11:09 96	17:12 70S	23:20 267
2025 Dec 27 (Sat)	11:46 89	17:57 76S	
2025 Dec 28 (Sun)	12:23 83	18:44 83S	00:13 274
2025 Dec 29 (Mon)	13:04 76	19:33 89S	01:08 281
2025 Dec 30 (Tue)	13:49 70	20:28 86N	02:07 287
2025 Dec 31 (Wed)	14:41 65	21:27 82N	03:10 293