

Sun

Phuket

Location: E 98°25'22.8", N 7°50'02.3", 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)	05:51	06:39 113		12:30 60S	18:20 247		19:09
2025 Jan 02 (Thu)	05:51	06:40 113		12:30 60S	18:21 247		19:10
2025 Jan 03 (Fri)	05:52	06:40 113		12:31 60S	18:21 247		19:10
2025 Jan 04 (Sat)	05:52	06:41 113		12:31 60S	18:22 247		19:11
2025 Jan 05 (Sun)	05:52	06:41 113		12:32 60S	18:22 247		19:11
2025 Jan 06 (Mon)	05:53	06:41 113		12:32 60S	18:23 247		19:11
2025 Jan 07 (Tue)	05:53	06:42 112		12:33 61S	18:23 248		19:12
2025 Jan 08 (Wed)	05:54	06:42 112		12:33 61S	18:24 248		19:12
2025 Jan 09 (Thu)	05:54	06:42 112		12:33 61S	18:24 248		19:13
2025 Jan 10 (Fri)	05:54	06:43 112		12:34 61S	18:25 248		19:13
2025 Jan 11 (Sat)	05:55	06:43 112		12:34 61S	18:25 248		19:14
2025 Jan 12 (Sun)	05:55	06:43 112		12:35 61S	18:26 248		19:14
2025 Jan 13 (Mon)	05:55	06:44 112		12:35 61S	18:26 249		19:15
2025 Jan 14 (Tue)	05:56	06:44 111		12:35 62S	18:27 249		19:15
2025 Jan 15 (Wed)	05:56	06:44 111		12:36 62S	18:27 249		19:15
2025 Jan 16 (Thu)	05:56	06:44 111		12:36 62S	18:28 249		19:16
2025 Jan 17 (Fri)	05:57	06:45 111		12:36 62S	18:28 249		19:16
2025 Jan 18 (Sat)	05:57	06:45 111		12:37 62S	18:29 249		19:17
2025 Jan 19 (Sun)	05:57	06:45 110		12:37 63S	18:29 250		19:17
2025 Jan 20 (Mon)	05:57	06:45 110		12:37 63S	18:29 250		19:17
2025 Jan 21 (Tue)	05:58	06:45 110		12:38 63S	18:30 250		19:18
2025 Jan 22 (Wed)	05:58	06:45 110		12:38 63S	18:30 250		19:18
2025 Jan 23 (Thu)	05:58	06:46 110		12:38 63S	18:31 251		19:18
2025 Jan 24 (Fri)	05:58	06:46 109		12:38 64S	18:31 251		19:19
2025 Jan 25 (Sat)	05:58	06:46 109		12:39 64S	18:31 251		19:19
2025 Jan 26 (Sun)	05:58	06:46 109		12:39 64S	18:32 251		19:19
2025 Jan 27 (Mon)	05:59	06:46 109		12:39 64S	18:32 252		19:20
2025 Jan 28 (Tue)	05:59	06:46 108		12:39 65S	18:33 252		19:20
2025 Jan 29 (Wed)	05:59	06:46 108		12:39 65S	18:33 252		19:20
2025 Jan 30 (Thu)	05:59	06:46 108		12:40 65S	18:33 252		19:20
2025 Jan 31 (Fri)	05:59	06:46 107		12:40 66S	18:34 253		19:21
2025 Feb 01 (Sat)	05:59	06:46 107		12:40 66S	18:34 253		19:21
2025 Feb 02 (Sun)	05:59	06:46 107		12:40 66S	18:34 253		19:21
2025 Feb 03 (Mon)	05:59	06:46 107		12:40 66S	18:34 254		19:21
2025 Feb 04 (Tue)	05:59	06:46 106		12:40 67S	18:35 254		19:21
2025 Feb 05 (Wed)	05:59	06:46 106		12:40 67S	18:35 254		19:22
2025 Feb 06 (Thu)	05:59	06:46 106		12:40 67S	18:35 255		19:22
2025 Feb 07 (Fri)	05:59	06:46 105		12:40 68S	18:35 255		19:22
2025 Feb 08 (Sat)	05:59	06:45 105		12:40 68S	18:36 255		19:22
2025 Feb 09 (Sun)	05:59	06:45 105		12:40 68S	18:36 255		19:22
2025 Feb 10 (Mon)	05:59	06:45 104		12:41 69S	18:36 256		19:22
2025 Feb 11 (Tue)	05:59	06:45 104		12:41 69S	18:36 256		19:22
2025 Feb 12 (Wed)	05:58	06:45 104		12:40 69S	18:36 256		19:23
2025 Feb 13 (Thu)	05:58	06:45 103		12:40 70S	18:37 257		19:23
2025 Feb 14 (Fri)	05:58	06:44 103		12:40 70S	18:37 257		19:23
2025 Feb 15 (Sat)	05:58	06:44 103		12:40 70S	18:37 257		19:23
2025 Feb 16 (Sun)	05:58	06:44 102		12:40 71S	18:37 258		19:23
2025 Feb 17 (Mon)	05:58	06:44 102		12:40 71S	18:37 258		19:23
2025 Feb 18 (Tue)	05:57	06:43 102		12:40 71S	18:37 259		19:23
2025 Feb 19 (Wed)	05:57	06:43 101		12:40 72S	18:37 259		19:23
2025 Feb 20 (Thu)	05:57	06:43 101		12:40 72S	18:37 259		19:23
2025 Feb 21 (Fri)	05:57	06:42 101		12:40 72S	18:37 260		19:23
2025 Feb 22 (Sat)	05:56	06:42 100		12:40 73S	18:38 260		19:23
2025 Feb 23 (Sun)	05:56	06:42 100		12:40 73S	18:38 260		19:23
2025 Feb 24 (Mon)	05:56	06:41 99		12:39 74S	18:38 261		19:23

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

2025	May	03	(Sat)	05:24	06:11	74	12:23	83N	18:36	286	19:23
2025	May	04	(Sun)	05:23	06:11	74	12:23	82N	18:36	286	19:23
2025	May	05	(Mon)	05:23	06:10	73	12:23	82N	18:36	287	19:23
2025	May	06	(Tue)	05:23	06:10	73	12:23	82N	18:36	287	19:23
2025	May	07	(Wed)	05:22	06:10	73	12:23	82N	18:36	287	19:23
2025	May	08	(Thu)	05:22	06:10	73	12:23	81N	18:36	288	19:24
2025	May	09	(Fri)	05:22	06:09	72	12:23	81N	18:36	288	19:24
2025	May	10	(Sat)	05:22	06:09	72	12:23	81N	18:36	288	19:24
2025	May	11	(Sun)	05:21	06:09	72	12:23	81N	18:36	288	19:24
2025	May	12	(Mon)	05:21	06:09	72	12:23	80N	18:37	289	19:24
2025	May	13	(Tue)	05:21	06:09	71	12:23	80N	18:37	289	19:25
2025	May	14	(Wed)	05:21	06:08	71	12:23	80N	18:37	289	19:25
2025	May	15	(Thu)	05:20	06:08	71	12:23	80N	18:37	289	19:25
2025	May	16	(Fri)	05:20	06:08	71	12:23	79N	18:37	290	19:25
2025	May	17	(Sat)	05:20	06:08	70	12:23	79N	18:37	290	19:26
2025	May	18	(Sun)	05:20	06:08	70	12:23	79N	18:38	290	19:26
2025	May	19	(Mon)	05:20	06:08	70	12:23	79N	18:38	290	19:26
2025	May	20	(Tue)	05:19	06:08	70	12:23	79N	18:38	290	19:26
2025	May	21	(Wed)	05:19	06:08	69	12:23	78N	18:38	291	19:27
2025	May	22	(Thu)	05:19	06:08	69	12:23	78N	18:38	291	19:27
2025	May	23	(Fri)	05:19	06:08	69	12:23	78N	18:39	291	19:27
2025	May	24	(Sat)	05:19	06:08	69	12:23	78N	18:39	291	19:27
2025	May	25	(Sun)	05:19	06:08	69	12:23	78N	18:39	291	19:28
2025	May	26	(Mon)	05:19	06:08	69	12:23	77N	18:39	292	19:28
2025	May	27	(Tue)	05:19	06:08	68	12:23	77N	18:39	292	19:28
2025	May	28	(Wed)	05:19	06:08	68	12:24	77N	18:40	292	19:29
2025	May	29	(Thu)	05:19	06:08	68	12:24	77N	18:40	292	19:29
2025	May	30	(Fri)	05:19	06:08	68	12:24	77N	18:40	292	19:29
2025	May	31	(Sat)	05:19	06:08	68	12:24	77N	18:40	292	19:30
2025	Jun	01	(Sun)	05:19	06:08	68	12:24	76N	18:41	292	19:30
2025	Jun	02	(Mon)	05:19	06:08	67	12:24	76N	18:41	293	19:30
2025	Jun	03	(Tue)	05:19	06:08	67	12:24	76N	18:41	293	19:30
2025	Jun	04	(Wed)	05:19	06:08	67	12:25	76N	18:41	293	19:31
2025	Jun	05	(Thu)	05:19	06:08	67	12:25	76N	18:42	293	19:31
2025	Jun	06	(Fri)	05:19	06:08	67	12:25	76N	18:42	293	19:31
2025	Jun	07	(Sat)	05:19	06:08	67	12:25	76N	18:42	293	19:32
2025	Jun	08	(Sun)	05:19	06:08	67	12:25	76N	18:42	293	19:32
2025	Jun	09	(Mon)	05:19	06:09	67	12:26	76N	18:43	293	19:32
2025	Jun	10	(Tue)	05:19	06:09	67	12:26	76N	18:43	293	19:32
2025	Jun	11	(Wed)	05:19	06:09	67	12:26	75N	18:43	293	19:33
2025	Jun	12	(Thu)	05:19	06:09	66	12:26	75N	18:43	294	19:33
2025	Jun	13	(Fri)	05:20	06:09	66	12:26	75N	18:44	294	19:33
2025	Jun	14	(Sat)	05:20	06:09	66	12:27	75N	18:44	294	19:34
2025	Jun	15	(Sun)	05:20	06:10	66	12:27	75N	18:44	294	19:34
2025	Jun	16	(Mon)	05:20	06:10	66	12:27	75N	18:44	294	19:34
2025	Jun	17	(Tue)	05:20	06:10	66	12:27	75N	18:45	294	19:34
2025	Jun	18	(Wed)	05:20	06:10	66	12:27	75N	18:45	294	19:35
2025	Jun	19	(Thu)	05:21	06:10	66	12:28	75N	18:45	294	19:35
2025	Jun	20	(Fri)	05:21	06:11	66	12:28	75N	18:45	294	19:35
2025	Jun	21	(Sat)	05:21	06:11	66	12:28	75N	18:45	294	19:35
2025	Jun	22	(Sun)	05:21	06:11	66	12:28	75N	18:46	294	19:35
2025	Jun	23	(Mon)	05:21	06:11	66	12:29	75N	18:46	294	19:36
2025	Jun	24	(Tue)	05:22	06:11	66	12:29	75N	18:46	294	19:36
2025	Jun	25	(Wed)	05:22	06:12	66	12:29	75N	18:46	294	19:36
2025	Jun	26	(Thu)	05:22	06:12	66	12:29	75N	18:47	294	19:36
2025	Jun	27	(Fri)	05:22	06:12	66	12:29	75N	18:47	294	19:36
2025	Jun	28	(Sat)	05:23	06:12	66	12:30	75N	18:47	294	19:37
2025	Jun	29	(Sun)	05:23	06:13	66	12:30	75N	18:47	294	19:37
2025	Jun	30	(Mon)	05:23	06:13	66	12:30	75N	18:47	293	19:37
2025	Jul	01	(Tue)	05:23	06:13	67	12:30	75N	18:47	293	19:37
2025	Jul	02	(Wed)	05:24	06:13	67	12:30	76N	18:47	293	19:37
2025	Jul	03	(Thu)	05:24	06:14	67	12:31	76N	18:48	293	19:37
2025	Jul	04	(Fri)	05:24	06:14	67	12:31	76N	18:48	293	19:37
2025	Jul	05	(Sat)	05:25	06:14	67	12:31	76N	18:48	293	19:37
2025	Jul	06	(Sun)	05:25	06:14	67	12:31	76N	18:48	293	19:37
2025	Jul	07	(Mon)	05:25	06:14	67	12:31	76N	18:48	293	19:37
2025	Jul	08	(Tue)	05:25	06:15	67	12:31	76N	18:48	293	19:37

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

2025 Sep 14 (Sun)	05:32	06:17	86	12:22	86S	18:27	273	19:12
2025 Sep 15 (Mon)	05:31	06:17	87	12:22	86S	18:26	273	19:12
2025 Sep 16 (Tue)	05:31	06:16	87	12:21	85S	18:26	273	19:11
2025 Sep 17 (Wed)	05:31	06:16	88	12:21	85S	18:25	272	19:10
2025 Sep 18 (Thu)	05:31	06:16	88	12:20	85S	18:25	272	19:10
2025 Sep 19 (Fri)	05:31	06:16	88	12:20	84S	18:24	271	19:09
2025 Sep 20 (Sat)	05:31	06:16	89	12:20	84S	18:24	271	19:09
2025 Sep 21 (Sun)	05:31	06:16	89	12:19	83S	18:23	271	19:08
2025 Sep 22 (Mon)	05:31	06:16	90	12:19	83S	18:22	270	19:07
2025 Sep 23 (Tue)	05:30	06:15	90	12:19	83S	18:22	270	19:07
2025 Sep 24 (Wed)	05:30	06:15	90	12:18	82S	18:21	269	19:06
2025 Sep 25 (Thu)	05:30	06:15	91	12:18	82S	18:21	269	19:06
2025 Sep 26 (Fri)	05:30	06:15	91	12:18	82S	18:20	269	19:05
2025 Sep 27 (Sat)	05:30	06:15	92	12:17	81S	18:20	268	19:05
2025 Sep 28 (Sun)	05:30	06:15	92	12:17	81S	18:19	268	19:04
2025 Sep 29 (Mon)	05:30	06:15	92	12:17	80S	18:18	267	19:04
2025 Sep 30 (Tue)	05:29	06:15	93	12:16	80S	18:18	267	19:03
2025 Oct 01 (Wed)	05:29	06:14	93	12:16	80S	18:17	267	19:03
2025 Oct 02 (Thu)	05:29	06:14	93	12:16	79S	18:17	266	19:02
2025 Oct 03 (Fri)	05:29	06:14	94	12:15	79S	18:16	266	19:02
2025 Oct 04 (Sat)	05:29	06:14	94	12:15	78S	18:16	266	19:01
2025 Oct 05 (Sun)	05:29	06:14	95	12:15	78S	18:15	265	19:01
2025 Oct 06 (Mon)	05:29	06:14	95	12:14	78S	18:15	265	19:00
2025 Oct 07 (Tue)	05:29	06:14	95	12:14	77S	18:14	264	19:00
2025 Oct 08 (Wed)	05:29	06:14	96	12:14	77S	18:14	264	18:59
2025 Oct 09 (Thu)	05:28	06:14	96	12:14	77S	18:13	264	18:59
2025 Oct 10 (Fri)	05:28	06:14	97	12:13	76S	18:13	263	18:58
2025 Oct 11 (Sat)	05:28	06:14	97	12:13	76S	18:12	263	18:58
2025 Oct 12 (Sun)	05:28	06:14	97	12:13	75S	18:12	262	18:57
2025 Oct 13 (Mon)	05:28	06:14	98	12:13	75S	18:11	262	18:57
2025 Oct 14 (Tue)	05:28	06:14	98	12:12	75S	18:11	262	18:57
2025 Oct 15 (Wed)	05:28	06:13	98	12:12	74S	18:11	261	18:56
2025 Oct 16 (Thu)	05:28	06:13	99	12:12	74S	18:10	261	18:56
2025 Oct 17 (Fri)	05:28	06:13	99	12:12	74S	18:10	261	18:55
2025 Oct 18 (Sat)	05:28	06:13	100	12:11	73S	18:09	260	18:55
2025 Oct 19 (Sun)	05:28	06:13	100	12:11	73S	18:09	260	18:55
2025 Oct 20 (Mon)	05:28	06:13	100	12:11	72S	18:09	259	18:54
2025 Oct 21 (Tue)	05:28	06:14	101	12:11	72S	18:08	259	18:54
2025 Oct 22 (Wed)	05:28	06:14	101	12:11	72S	18:08	259	18:54
2025 Oct 23 (Thu)	05:28	06:14	101	12:11	71S	18:08	258	18:53
2025 Oct 24 (Fri)	05:28	06:14	102	12:11	71S	18:07	258	18:53
2025 Oct 25 (Sat)	05:28	06:14	102	12:10	71S	18:07	258	18:53
2025 Oct 26 (Sun)	05:28	06:14	102	12:10	70S	18:07	257	18:53
2025 Oct 27 (Mon)	05:28	06:14	103	12:10	70S	18:06	257	18:53
2025 Oct 28 (Tue)	05:28	06:14	103	12:10	70S	18:06	257	18:52
2025 Oct 29 (Wed)	05:28	06:14	103	12:10	69S	18:06	256	18:52
2025 Oct 30 (Thu)	05:28	06:14	104	12:10	69S	18:06	256	18:52
2025 Oct 31 (Fri)	05:28	06:14	104	12:10	69S	18:05	256	18:52
2025 Nov 01 (Sat)	05:28	06:15	104	12:10	68S	18:05	255	18:52
2025 Nov 02 (Sun)	05:28	06:15	105	12:10	68S	18:05	255	18:51
2025 Nov 03 (Mon)	05:28	06:15	105	12:10	68S	18:05	255	18:51
2025 Nov 04 (Tue)	05:28	06:15	105	12:10	67S	18:05	254	18:51
2025 Nov 05 (Wed)	05:29	06:15	106	12:10	67S	18:04	254	18:51
2025 Nov 06 (Thu)	05:29	06:15	106	12:10	67S	18:04	254	18:51
2025 Nov 07 (Fri)	05:29	06:16	106	12:10	67S	18:04	254	18:51
2025 Nov 08 (Sat)	05:29	06:16	107	12:10	66S	18:04	253	18:51
2025 Nov 09 (Sun)	05:29	06:16	107	12:10	66S	18:04	253	18:51
2025 Nov 10 (Mon)	05:29	06:16	107	12:10	66S	18:04	253	18:51
2025 Nov 11 (Tue)	05:30	06:17	107	12:10	65S	18:04	252	18:51
2025 Nov 12 (Wed)	05:30	06:17	108	12:10	65S	18:04	252	18:51
2025 Nov 13 (Thu)	05:30	06:17	108	12:11	65S	18:04	252	18:51
2025 Nov 14 (Fri)	05:30	06:18	108	12:11	65S	18:04	252	18:51
2025 Nov 15 (Sat)	05:30	06:18	109	12:11	64S	18:04	251	18:51
2025 Nov 16 (Sun)	05:31	06:18	109	12:11	64S	18:04	251	18:51
2025 Nov 17 (Mon)	05:31	06:19	109	12:11	64S	18:04	251	18:51
2025 Nov 18 (Tue)	05:31	06:19	109	12:11	64S	18:04	251	18:52
2025 Nov 19 (Wed)	05:32	06:19	110	12:12	63S	18:04	250	18:52

2025 Nov 20 (Thu)	05:32	06:20	110	12:12	63S	18:04	250	18:52
2025 Nov 21 (Fri)	05:32	06:20	110	12:12	63S	18:04	250	18:52
2025 Nov 22 (Sat)	05:32	06:20	110	12:12	63S	18:04	250	18:52
2025 Nov 23 (Sun)	05:33	06:21	110	12:13	62S	18:05	249	18:53
2025 Nov 24 (Mon)	05:33	06:21	111	12:13	62S	18:05	249	18:53
2025 Nov 25 (Tue)	05:34	06:22	111	12:13	62S	18:05	249	18:53
2025 Nov 26 (Wed)	05:34	06:22	111	12:14	62S	18:05	249	18:53
2025 Nov 27 (Thu)	05:34	06:22	111	12:14	62S	18:05	249	18:54
2025 Nov 28 (Fri)	05:35	06:23	111	12:14	62S	18:06	249	18:54
2025 Nov 29 (Sat)	05:35	06:23	112	12:15	61S	18:06	248	18:54
2025 Nov 30 (Sun)	05:35	06:24	112	12:15	61S	18:06	248	18:54
2025 Dec 01 (Mon)	05:36	06:24	112	12:15	61S	18:06	248	18:55
2025 Dec 02 (Tue)	05:36	06:25	112	12:16	61S	18:07	248	18:55
2025 Dec 03 (Wed)	05:37	06:25	112	12:16	61S	18:07	248	18:55
2025 Dec 04 (Thu)	05:37	06:26	112	12:16	61S	18:07	248	18:56
2025 Dec 05 (Fri)	05:38	06:26	112	12:17	60S	18:08	247	18:56
2025 Dec 06 (Sat)	05:38	06:27	113	12:17	60S	18:08	247	18:57
2025 Dec 07 (Sun)	05:38	06:27	113	12:18	60S	18:08	247	18:57
2025 Dec 08 (Mon)	05:39	06:28	113	12:18	60S	18:09	247	18:57
2025 Dec 09 (Tue)	05:39	06:28	113	12:19	60S	18:09	247	18:58
2025 Dec 10 (Wed)	05:40	06:29	113	12:19	60S	18:09	247	18:58
2025 Dec 11 (Thu)	05:40	06:29	113	12:20	60S	18:10	247	18:59
2025 Dec 12 (Fri)	05:41	06:30	113	12:20	60S	18:10	247	18:59
2025 Dec 13 (Sat)	05:41	06:30	113	12:20	60S	18:11	247	19:00
2025 Dec 14 (Sun)	05:42	06:31	113	12:21	60S	18:11	247	19:00
2025 Dec 15 (Mon)	05:42	06:31	113	12:21	60S	18:12	247	19:01
2025 Dec 16 (Tue)	05:43	06:32	113	12:22	60S	18:12	247	19:01
2025 Dec 17 (Wed)	05:43	06:32	113	12:22	60S	18:13	247	19:01
2025 Dec 18 (Thu)	05:44	06:33	113	12:23	59S	18:13	246	19:02
2025 Dec 19 (Fri)	05:44	06:33	114	12:23	59S	18:13	246	19:02
2025 Dec 20 (Sat)	05:45	06:34	114	12:24	59S	18:14	246	19:03
2025 Dec 21 (Sun)	05:45	06:34	114	12:24	59S	18:14	246	19:03
2025 Dec 22 (Mon)	05:46	06:35	114	12:25	59S	18:15	246	19:04
2025 Dec 23 (Tue)	05:46	06:35	114	12:25	59S	18:15	246	19:04
2025 Dec 24 (Wed)	05:47	06:36	114	12:26	59S	18:16	246	19:05
2025 Dec 25 (Thu)	05:47	06:36	114	12:26	59S	18:17	247	19:05
2025 Dec 26 (Fri)	05:48	06:37	113	12:27	60S	18:17	247	19:06
2025 Dec 27 (Sat)	05:48	06:37	113	12:27	60S	18:18	247	19:06
2025 Dec 28 (Sun)	05:49	06:38	113	12:28	60S	18:18	247	19:07
2025 Dec 29 (Mon)	05:49	06:38	113	12:28	60S	18:19	247	19:07
2025 Dec 30 (Tue)	05:50	06:39	113	12:29	60S	18:19	247	19:08
2025 Dec 31 (Wed)	05:50	06:39	113	12:29	60S	18:20	247	19:08

Sun

Phuket

Location: E 98°25'22.8", N 7°50'02.3", 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)	06:17	06:39	113	12:30	60S	18:20	247	18:43
2025 Jan 02 (Thu)	06:17	06:40	113	12:30	60S	18:21	247	18:43
2025 Jan 03 (Fri)	06:18	06:40	113	12:31	60S	18:21	247	18:44
2025 Jan 04 (Sat)	06:18	06:41	113	12:31	60S	18:22	247	18:44
2025 Jan 05 (Sun)	06:19	06:41	113	12:32	60S	18:22	247	18:45
2025 Jan 06 (Mon)	06:19	06:41	113	12:32	60S	18:23	247	18:45
2025 Jan 07 (Tue)	06:19	06:42	112	12:33	61S	18:23	248	18:46
2025 Jan 08 (Wed)	06:20	06:42	112	12:33	61S	18:24	248	18:46
2025 Jan 09 (Thu)	06:20	06:42	112	12:33	61S	18:24	248	18:47
2025 Jan 10 (Fri)	06:20	06:43	112	12:34	61S	18:25	248	18:47
2025 Jan 11 (Sat)	06:21	06:43	112	12:34	61S	18:25	248	18:48
2025 Jan 12 (Sun)	06:21	06:43	112	12:35	61S	18:26	248	18:48

2025	Jan	13	(Mon)	06:21	06:44	112	12:35	61S	18:26	249	18:49
2025	Jan	14	(Tue)	06:22	06:44	111	12:35	62S	18:27	249	18:49
2025	Jan	15	(Wed)	06:22	06:44	111	12:36	62S	18:27	249	18:50
2025	Jan	16	(Thu)	06:22	06:44	111	12:36	62S	18:28	249	18:50
2025	Jan	17	(Fri)	06:22	06:45	111	12:36	62S	18:28	249	18:50
2025	Jan	18	(Sat)	06:23	06:45	111	12:37	62S	18:29	249	18:51
2025	Jan	19	(Sun)	06:23	06:45	110	12:37	63S	18:29	250	18:51
2025	Jan	20	(Mon)	06:23	06:45	110	12:37	63S	18:29	250	18:52
2025	Jan	21	(Tue)	06:23	06:45	110	12:38	63S	18:30	250	18:52
2025	Jan	22	(Wed)	06:23	06:45	110	12:38	63S	18:30	250	18:52
2025	Jan	23	(Thu)	06:24	06:46	110	12:38	63S	18:31	251	18:53
2025	Jan	24	(Fri)	06:24	06:46	109	12:38	64S	18:31	251	18:53
2025	Jan	25	(Sat)	06:24	06:46	109	12:39	64S	18:31	251	18:53
2025	Jan	26	(Sun)	06:24	06:46	109	12:39	64S	18:32	251	18:54
2025	Jan	27	(Mon)	06:24	06:46	109	12:39	64S	18:32	252	18:54
2025	Jan	28	(Tue)	06:24	06:46	108	12:39	65S	18:33	252	18:54
2025	Jan	29	(Wed)	06:24	06:46	108	12:39	65S	18:33	252	18:55
2025	Jan	30	(Thu)	06:24	06:46	108	12:40	65S	18:33	252	18:55
2025	Jan	31	(Fri)	06:24	06:46	107	12:40	66S	18:34	253	18:55
2025	Feb	01	(Sat)	06:24	06:46	107	12:40	66S	18:34	253	18:56
2025	Feb	02	(Sun)	06:24	06:46	107	12:40	66S	18:34	253	18:56
2025	Feb	03	(Mon)	06:24	06:46	107	12:40	66S	18:34	254	18:56
2025	Feb	04	(Tue)	06:24	06:46	106	12:40	67S	18:35	254	18:56
2025	Feb	05	(Wed)	06:24	06:46	106	12:40	67S	18:35	254	18:57
2025	Feb	06	(Thu)	06:24	06:46	106	12:40	67S	18:35	255	18:57
2025	Feb	07	(Fri)	06:24	06:46	105	12:40	68S	18:35	255	18:57
2025	Feb	08	(Sat)	06:24	06:45	105	12:40	68S	18:36	255	18:57
2025	Feb	09	(Sun)	06:24	06:45	105	12:40	68S	18:36	255	18:57
2025	Feb	10	(Mon)	06:24	06:45	104	12:41	69S	18:36	256	18:57
2025	Feb	11	(Tue)	06:23	06:45	104	12:41	69S	18:36	256	18:58
2025	Feb	12	(Wed)	06:23	06:45	104	12:40	69S	18:36	256	18:58
2025	Feb	13	(Thu)	06:23	06:45	103	12:40	70S	18:37	257	18:58
2025	Feb	14	(Fri)	06:23	06:44	103	12:40	70S	18:37	257	18:58
2025	Feb	15	(Sat)	06:23	06:44	103	12:40	70S	18:37	257	18:58
2025	Feb	16	(Sun)	06:22	06:44	102	12:40	71S	18:37	258	18:58
2025	Feb	17	(Mon)	06:22	06:44	102	12:40	71S	18:37	258	18:58
2025	Feb	18	(Tue)	06:22	06:43	102	12:40	71S	18:37	259	18:58
2025	Feb	19	(Wed)	06:22	06:43	101	12:40	72S	18:37	259	18:59
2025	Feb	20	(Thu)	06:21	06:43	101	12:40	72S	18:37	259	18:59
2025	Feb	21	(Fri)	06:21	06:42	101	12:40	72S	18:37	260	18:59
2025	Feb	22	(Sat)	06:21	06:42	100	12:40	73S	18:38	260	18:59
2025	Feb	23	(Sun)	06:21	06:42	100	12:40	73S	18:38	260	18:59
2025	Feb	24	(Mon)	06:20	06:41	99	12:39	74S	18:38	261	18:59
2025	Feb	25	(Tue)	06:20	06:41	99	12:39	74S	18:38	261	18:59
2025	Feb	26	(Wed)	06:20	06:41	99	12:39	74S	18:38	262	18:59
2025	Feb	27	(Thu)	06:19	06:40	98	12:39	75S	18:38	262	18:59
2025	Feb	28	(Fri)	06:19	06:40	98	12:39	75S	18:38	262	18:59
2025	Mar	01	(Sat)	06:18	06:39	98	12:39	75S	18:38	263	18:59
2025	Mar	02	(Sun)	06:18	06:39	97	12:38	76S	18:38	263	18:59
2025	Mar	03	(Mon)	06:18	06:39	97	12:38	76S	18:38	263	18:59
2025	Mar	04	(Tue)	06:17	06:38	96	12:38	77S	18:38	264	18:59
2025	Mar	05	(Wed)	06:17	06:38	96	12:38	77S	18:38	264	18:59
2025	Mar	06	(Thu)	06:16	06:37	96	12:38	77S	18:38	265	18:59
2025	Mar	07	(Fri)	06:16	06:37	95	12:37	78S	18:38	265	18:59
2025	Mar	08	(Sat)	06:16	06:36	95	12:37	78S	18:38	265	18:59
2025	Mar	09	(Sun)	06:15	06:36	94	12:37	78S	18:38	266	18:59
2025	Mar	10	(Mon)	06:15	06:36	94	12:37	79S	18:38	266	18:59
2025	Mar	11	(Tue)	06:14	06:35	94	12:36	79S	18:38	267	18:59
2025	Mar	12	(Wed)	06:14	06:35	93	12:36	80S	18:38	267	18:58
2025	Mar	13	(Thu)	06:13	06:34	93	12:36	80S	18:38	267	18:58
2025	Mar	14	(Fri)	06:13	06:34	92	12:35	80S	18:37	268	18:58
2025	Mar	15	(Sat)	06:12	06:33	92	12:35	81S	18:37	268	18:58
2025	Mar	16	(Sun)	06:12	06:33	92	12:35	81S	18:37	269	18:58
2025	Mar	17	(Mon)	06:11	06:32	91	12:35	82S	18:37	269	18:58
2025	Mar	18	(Tue)	06:11	06:32	91	12:34	82S	18:37	269	18:58
2025	Mar	19	(Wed)	06:10	06:31	90	12:34	82S	18:37	270	18:58
2025	Mar	20	(Thu)	06:10	06:31	90	12:34	83S	18:37	270	18:58

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

2025	May	27	(Tue)	05:45	06:08	68	12:23	77N	18:39	292	19:02
2025	May	28	(Wed)	05:45	06:08	68	12:24	77N	18:40	292	19:02
2025	May	29	(Thu)	05:45	06:08	68	12:24	77N	18:40	292	19:03
2025	May	30	(Fri)	05:45	06:08	68	12:24	77N	18:40	292	19:03
2025	May	31	(Sat)	05:45	06:08	68	12:24	77N	18:40	292	19:03
2025	Jun	01	(Sun)	05:45	06:08	68	12:24	76N	18:41	292	19:03
2025	Jun	02	(Mon)	05:45	06:08	67	12:24	76N	18:41	293	19:04
2025	Jun	03	(Tue)	05:45	06:08	67	12:24	76N	18:41	293	19:04
2025	Jun	04	(Wed)	05:45	06:08	67	12:25	76N	18:41	293	19:04
2025	Jun	05	(Thu)	05:45	06:08	67	12:25	76N	18:42	293	19:04
2025	Jun	06	(Fri)	05:45	06:08	67	12:25	76N	18:42	293	19:05
2025	Jun	07	(Sat)	05:46	06:08	67	12:25	76N	18:42	293	19:05
2025	Jun	08	(Sun)	05:46	06:08	67	12:25	76N	18:42	293	19:05
2025	Jun	09	(Mon)	05:46	06:09	67	12:26	76N	18:43	293	19:05
2025	Jun	10	(Tue)	05:46	06:09	67	12:26	76N	18:43	293	19:06
2025	Jun	11	(Wed)	05:46	06:09	67	12:26	75N	18:43	293	19:06
2025	Jun	12	(Thu)	05:46	06:09	66	12:26	75N	18:43	294	19:06
2025	Jun	13	(Fri)	05:46	06:09	66	12:26	75N	18:44	294	19:06
2025	Jun	14	(Sat)	05:46	06:09	66	12:27	75N	18:44	294	19:07
2025	Jun	15	(Sun)	05:47	06:10	66	12:27	75N	18:44	294	19:07
2025	Jun	16	(Mon)	05:47	06:10	66	12:27	75N	18:44	294	19:07
2025	Jun	17	(Tue)	05:47	06:10	66	12:27	75N	18:45	294	19:07
2025	Jun	18	(Wed)	05:47	06:10	66	12:27	75N	18:45	294	19:08
2025	Jun	19	(Thu)	05:47	06:10	66	12:28	75N	18:45	294	19:08
2025	Jun	20	(Fri)	05:48	06:11	66	12:28	75N	18:45	294	19:08
2025	Jun	21	(Sat)	05:48	06:11	66	12:28	75N	18:45	294	19:08
2025	Jun	22	(Sun)	05:48	06:11	66	12:28	75N	18:46	294	19:09
2025	Jun	23	(Mon)	05:48	06:11	66	12:29	75N	18:46	294	19:09
2025	Jun	24	(Tue)	05:49	06:11	66	12:29	75N	18:46	294	19:09
2025	Jun	25	(Wed)	05:49	06:12	66	12:29	75N	18:46	294	19:09
2025	Jun	26	(Thu)	05:49	06:12	66	12:29	75N	18:47	294	19:09
2025	Jun	27	(Fri)	05:49	06:12	66	12:29	75N	18:47	294	19:10
2025	Jun	28	(Sat)	05:49	06:12	66	12:30	75N	18:47	294	19:10
2025	Jun	29	(Sun)	05:50	06:13	66	12:30	75N	18:47	294	19:10
2025	Jun	30	(Mon)	05:50	06:13	66	12:30	75N	18:47	293	19:10
2025	Jul	01	(Tue)	05:50	06:13	67	12:30	75N	18:47	293	19:10
2025	Jul	02	(Wed)	05:50	06:13	67	12:30	76N	18:47	293	19:10
2025	Jul	03	(Thu)	05:51	06:14	67	12:31	76N	18:48	293	19:10
2025	Jul	04	(Fri)	05:51	06:14	67	12:31	76N	18:48	293	19:11
2025	Jul	05	(Sat)	05:51	06:14	67	12:31	76N	18:48	293	19:11
2025	Jul	06	(Sun)	05:52	06:14	67	12:31	76N	18:48	293	19:11
2025	Jul	07	(Mon)	05:52	06:14	67	12:31	76N	18:48	293	19:11
2025	Jul	08	(Tue)	05:52	06:15	67	12:31	76N	18:48	293	19:11
2025	Jul	09	(Wed)	05:52	06:15	67	12:32	76N	18:48	293	19:11
2025	Jul	10	(Thu)	05:53	06:15	67	12:32	76N	18:48	293	19:11
2025	Jul	11	(Fri)	05:53	06:15	68	12:32	76N	18:48	292	19:11
2025	Jul	12	(Sat)	05:53	06:16	68	12:32	77N	18:48	292	19:11
2025	Jul	13	(Sun)	05:53	06:16	68	12:32	77N	18:48	292	19:11
2025	Jul	14	(Mon)	05:53	06:16	68	12:32	77N	18:48	292	19:11
2025	Jul	15	(Tue)	05:54	06:16	68	12:32	77N	18:48	292	19:11
2025	Jul	16	(Wed)	05:54	06:16	68	12:32	77N	18:48	292	19:11
2025	Jul	17	(Thu)	05:54	06:17	68	12:33	77N	18:48	291	19:11
2025	Jul	18	(Fri)	05:54	06:17	69	12:33	78N	18:48	291	19:11
2025	Jul	19	(Sat)	05:55	06:17	69	12:33	78N	18:48	291	19:11
2025	Jul	20	(Sun)	05:55	06:17	69	12:33	78N	18:48	291	19:11
2025	Jul	21	(Mon)	05:55	06:17	69	12:33	78N	18:48	291	19:10
2025	Jul	22	(Tue)	05:55	06:18	69	12:33	78N	18:48	290	19:10
2025	Jul	23	(Wed)	05:55	06:18	70	12:33	79N	18:48	290	19:10
2025	Jul	24	(Thu)	05:56	06:18	70	12:33	79N	18:48	290	19:10
2025	Jul	25	(Fri)	05:56	06:18	70	12:33	79N	18:48	290	19:10
2025	Jul	26	(Sat)	05:56	06:18	70	12:33	79N	18:47	290	19:10
2025	Jul	27	(Sun)	05:56	06:18	70	12:33	79N	18:47	289	19:10
2025	Jul	28	(Mon)	05:56	06:18	71	12:33	80N	18:47	289	19:09
2025	Jul	29	(Tue)	05:56	06:19	71	12:33	80N	18:47	289	19:09
2025	Jul	30	(Wed)	05:57	06:19	71	12:33	80N	18:47	289	19:09
2025	Jul	31	(Thu)	05:57	06:19	71	12:33	80N	18:47	288	19:09
2025	Aug	01	(Fri)	05:57	06:19	72	12:33	81N	18:46	288	19:08

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

2025	Oct	08	(Wed)	05:53	06:14	96	12:14	77S	18:14	264	18:35
2025	Oct	09	(Thu)	05:53	06:14	96	12:14	77S	18:13	264	18:34
2025	Oct	10	(Fri)	05:53	06:14	97	12:13	76S	18:13	263	18:34
2025	Oct	11	(Sat)	05:53	06:14	97	12:13	76S	18:12	263	18:33
2025	Oct	12	(Sun)	05:53	06:14	97	12:13	75S	18:12	262	18:33
2025	Oct	13	(Mon)	05:53	06:14	98	12:13	75S	18:11	262	18:33
2025	Oct	14	(Tue)	05:52	06:14	98	12:12	75S	18:11	262	18:32
2025	Oct	15	(Wed)	05:52	06:13	98	12:12	74S	18:11	261	18:32
2025	Oct	16	(Thu)	05:52	06:13	99	12:12	74S	18:10	261	18:31
2025	Oct	17	(Fri)	05:52	06:13	99	12:12	74S	18:10	261	18:31
2025	Oct	18	(Sat)	05:52	06:13	100	12:11	73S	18:09	260	18:31
2025	Oct	19	(Sun)	05:52	06:13	100	12:11	73S	18:09	260	18:30
2025	Oct	20	(Mon)	05:52	06:13	100	12:11	72S	18:09	259	18:30
2025	Oct	21	(Tue)	05:52	06:14	101	12:11	72S	18:08	259	18:29
2025	Oct	22	(Wed)	05:52	06:14	101	12:11	72S	18:08	259	18:29
2025	Oct	23	(Thu)	05:52	06:14	101	12:11	71S	18:08	258	18:29
2025	Oct	24	(Fri)	05:52	06:14	102	12:11	71S	18:07	258	18:29
2025	Oct	25	(Sat)	05:52	06:14	102	12:10	71S	18:07	258	18:28
2025	Oct	26	(Sun)	05:53	06:14	102	12:10	70S	18:07	257	18:28
2025	Oct	27	(Mon)	05:53	06:14	103	12:10	70S	18:06	257	18:28
2025	Oct	28	(Tue)	05:53	06:14	103	12:10	70S	18:06	257	18:28
2025	Oct	29	(Wed)	05:53	06:14	103	12:10	69S	18:06	256	18:27
2025	Oct	30	(Thu)	05:53	06:14	104	12:10	69S	18:06	256	18:27
2025	Oct	31	(Fri)	05:53	06:14	104	12:10	69S	18:05	256	18:27
2025	Nov	01	(Sat)	05:53	06:15	104	12:10	68S	18:05	255	18:27
2025	Nov	02	(Sun)	05:53	06:15	105	12:10	68S	18:05	255	18:27
2025	Nov	03	(Mon)	05:53	06:15	105	12:10	68S	18:05	255	18:26
2025	Nov	04	(Tue)	05:53	06:15	105	12:10	67S	18:05	254	18:26
2025	Nov	05	(Wed)	05:54	06:15	106	12:10	67S	18:04	254	18:26
2025	Nov	06	(Thu)	05:54	06:15	106	12:10	67S	18:04	254	18:26
2025	Nov	07	(Fri)	05:54	06:16	106	12:10	67S	18:04	254	18:26
2025	Nov	08	(Sat)	05:54	06:16	107	12:10	66S	18:04	253	18:26
2025	Nov	09	(Sun)	05:54	06:16	107	12:10	66S	18:04	253	18:26
2025	Nov	10	(Mon)	05:55	06:16	107	12:10	66S	18:04	253	18:26
2025	Nov	11	(Tue)	05:55	06:17	107	12:10	65S	18:04	252	18:26
2025	Nov	12	(Wed)	05:55	06:17	108	12:10	65S	18:04	252	18:26
2025	Nov	13	(Thu)	05:55	06:17	108	12:11	65S	18:04	252	18:26
2025	Nov	14	(Fri)	05:56	06:18	108	12:11	65S	18:04	252	18:26
2025	Nov	15	(Sat)	05:56	06:18	109	12:11	64S	18:04	251	18:26
2025	Nov	16	(Sun)	05:56	06:18	109	12:11	64S	18:04	251	18:26
2025	Nov	17	(Mon)	05:56	06:19	109	12:11	64S	18:04	251	18:26
2025	Nov	18	(Tue)	05:57	06:19	109	12:11	64S	18:04	251	18:26
2025	Nov	19	(Wed)	05:57	06:19	110	12:12	63S	18:04	250	18:26
2025	Nov	20	(Thu)	05:57	06:20	110	12:12	63S	18:04	250	18:26
2025	Nov	21	(Fri)	05:58	06:20	110	12:12	63S	18:04	250	18:26
2025	Nov	22	(Sat)	05:58	06:20	110	12:12	63S	18:04	250	18:27
2025	Nov	23	(Sun)	05:59	06:21	110	12:13	62S	18:05	249	18:27
2025	Nov	24	(Mon)	05:59	06:21	111	12:13	62S	18:05	249	18:27
2025	Nov	25	(Tue)	05:59	06:22	111	12:13	62S	18:05	249	18:27
2025	Nov	26	(Wed)	06:00	06:22	111	12:14	62S	18:05	249	18:27
2025	Nov	27	(Thu)	06:00	06:22	111	12:14	62S	18:05	249	18:28
2025	Nov	28	(Fri)	06:01	06:23	111	12:14	62S	18:06	249	18:28
2025	Nov	29	(Sat)	06:01	06:23	112	12:15	61S	18:06	248	18:28
2025	Nov	30	(Sun)	06:01	06:24	112	12:15	61S	18:06	248	18:29
2025	Dec	01	(Mon)	06:02	06:24	112	12:15	61S	18:06	248	18:29
2025	Dec	02	(Tue)	06:02	06:25	112	12:16	61S	18:07	248	18:29
2025	Dec	03	(Wed)	06:03	06:25	112	12:16	61S	18:07	248	18:29
2025	Dec	04	(Thu)	06:03	06:26	112	12:16	61S	18:07	248	18:30
2025	Dec	05	(Fri)	06:04	06:26	112	12:17	60S	18:08	247	18:30
2025	Dec	06	(Sat)	06:04	06:27	113	12:17	60S	18:08	247	18:31
2025	Dec	07	(Sun)	06:05	06:27	113	12:18	60S	18:08	247	18:31
2025	Dec	08	(Mon)	06:05	06:28	113	12:18	60S	18:09	247	18:31
2025	Dec	09	(Tue)	06:06	06:28	113	12:19	60S	18:09	247	18:32
2025	Dec	10	(Wed)	06:06	06:29	113	12:19	60S	18:09	247	18:32
2025	Dec	11	(Thu)	06:07	06:29	113	12:20	60S	18:10	247	18:33
2025	Dec	12	(Fri)	06:07	06:30	113	12:20	60S	18:10	247	18:33
2025	Dec	13	(Sat)	06:08	06:30	113	12:20	60S	18:11	247	18:33

2025	Dec 14	(Sun)	06:08	06:31	113	12:21	60S	18:11	247	18:34
2025	Dec 15	(Mon)	06:09	06:31	113	12:21	60S	18:12	247	18:34
2025	Dec 16	(Tue)	06:09	06:32	113	12:22	60S	18:12	247	18:35
2025	Dec 17	(Wed)	06:10	06:32	113	12:22	60S	18:13	247	18:35
2025	Dec 18	(Thu)	06:10	06:33	113	12:23	59S	18:13	246	18:36
2025	Dec 19	(Fri)	06:11	06:33	114	12:23	59S	18:13	246	18:36
2025	Dec 20	(Sat)	06:11	06:34	114	12:24	59S	18:14	246	18:37
2025	Dec 21	(Sun)	06:12	06:34	114	12:24	59S	18:14	246	18:37
2025	Dec 22	(Mon)	06:12	06:35	114	12:25	59S	18:15	246	18:38
2025	Dec 23	(Tue)	06:13	06:35	114	12:25	59S	18:15	246	18:38
2025	Dec 24	(Wed)	06:13	06:36	114	12:26	59S	18:16	246	18:39
2025	Dec 25	(Thu)	06:14	06:36	114	12:26	59S	18:17	247	18:39
2025	Dec 26	(Fri)	06:14	06:37	113	12:27	60S	18:17	247	18:40
2025	Dec 27	(Sat)	06:14	06:37	113	12:27	60S	18:18	247	18:40
2025	Dec 28	(Sun)	06:15	06:38	113	12:28	60S	18:18	247	18:41
2025	Dec 29	(Mon)	06:15	06:38	113	12:28	60S	18:19	247	18:41
2025	Dec 30	(Tue)	06:16	06:39	113	12:29	60S	18:19	247	18:42
2025	Dec 31	(Wed)	06:16	06:39	113	12:29	60S	18:20	247	18:42

Moon

Phuket

Location: E 98°25'22.8", N 7°50'02.3", 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	°	h	m	°
2025 Jan 01 (Wed)	07:47	116		13:45	57S		19:43	246	
2025 Jan 02 (Thu)	08:40	112		14:39	62S		20:40	250	
2025 Jan 03 (Fri)	09:29	107		15:31	67S		21:34	256	
2025 Jan 04 (Sat)	10:14	101		16:20	73S		22:27	262	
2025 Jan 05 (Sun)	10:58	94		17:07	80S		23:18	269	
2025 Jan 06 (Mon)	11:41	87		17:54	87S				
2025 Jan 07 (Tue)	12:25	80		18:42	87N		00:09	276	
2025 Jan 08 (Wed)	13:12	74		19:33	81N		01:02	283	
2025 Jan 09 (Thu)	14:02	69		20:28	76N		01:57	289	
2025 Jan 10 (Fri)	14:56	64		21:26	72N		02:55	294	
2025 Jan 11 (Sat)	15:55	62		22:27	70N		03:57	297	
2025 Jan 12 (Sun)	16:56	61		23:28	70N		04:59	299	
2025 Jan 13 (Mon)	17:57	63					06:00	298	
2025 Jan 14 (Tue)	18:55	66		00:27	72N		06:57	296	
2025 Jan 15 (Wed)	19:49	70		01:22	75N		07:48	292	
2025 Jan 16 (Thu)	20:40	75		02:13	80N		08:34	287	
2025 Jan 17 (Fri)	21:26	81		02:59	85N		09:16	282	
2025 Jan 18 (Sat)	22:10	87		03:41	90S		09:54	276	
2025 Jan 19 (Sun)	22:53	93		04:21	84S		10:31	270	
2025 Jan 20 (Mon)	23:35	99		05:00	78S		11:06	264	
2025 Jan 21 (Tue)				05:40	72S		11:43	258	
2025 Jan 22 (Wed)	00:19	104		06:21	67S		12:21	253	
2025 Jan 23 (Thu)	01:05	109		07:04	62S		13:03	249	
2025 Jan 24 (Fri)	01:54	113		07:51	58S		13:48	245	
2025 Jan 25 (Sat)	02:46	117		08:42	55S		14:38	242	
2025 Jan 26 (Sun)	03:41	118		09:37	54S		15:32	241	
2025 Jan 27 (Mon)	04:38	119		10:34	54S		16:30	242	
2025 Jan 28 (Tue)	05:35	117		11:32	56S		17:30	244	
2025 Jan 29 (Wed)	06:29	114		12:28	60S		18:28	248	
2025 Jan 30 (Thu)	07:21	109		13:22	65S		19:25	253	
2025 Jan 31 (Fri)	08:09	103		14:13	71S		20:20	260	
2025 Feb 01 (Sat)	08:55	97		15:03	78S		21:12	267	
2025 Feb 02 (Sun)	09:39	89		15:51	85S		22:05	274	
2025 Feb 03 (Mon)	10:24	82		16:40	89N		22:58	281	
2025 Feb 04 (Tue)	11:10	76		17:30	83N		23:53	287	
2025 Feb 05 (Wed)	11:58	70		18:23	77N				
2025 Feb 06 (Thu)	12:51	65		19:20	73N		00:50	293	

2025 Feb 07 (Fri)	13:47 62	20:19 70N	01:50 296
2025 Feb 08 (Sat)	14:47 61	21:19 70N	02:51 299
2025 Feb 09 (Sun)	15:47 62	22:18 71N	03:51 299
2025 Feb 10 (Mon)	16:45 64	23:13 74N	04:48 297
2025 Feb 11 (Tue)	17:40 68		05:40 294
2025 Feb 12 (Wed)	18:31 73	00:05 78N	06:28 289
2025 Feb 13 (Thu)	19:19 79	00:52 83N	07:11 284
2025 Feb 14 (Fri)	20:04 85	01:35 89N	07:50 278
2025 Feb 15 (Sat)	20:47 91	02:16 87S	08:27 272
2025 Feb 16 (Sun)	21:30 97	02:56 81S	09:04 266
2025 Feb 17 (Mon)	22:13 102	03:36 75S	09:40 261
2025 Feb 18 (Tue)	22:58 107	04:16 69S	10:17 255
2025 Feb 19 (Wed)	23:45 112	04:58 64S	10:57 250
2025 Feb 20 (Thu)		05:43 60S	11:40 246
2025 Feb 21 (Fri)	00:35 116	06:32 56S	12:27 243
2025 Feb 22 (Sat)	01:28 118	07:24 54S	13:19 241
2025 Feb 23 (Sun)	02:23 119	08:19 54S	14:14 241
2025 Feb 24 (Mon)	03:19 118	09:16 55S	15:12 243
2025 Feb 25 (Tue)	04:15 116	10:12 58S	16:11 246
2025 Feb 26 (Wed)	05:08 112	11:07 62S	17:09 251
2025 Feb 27 (Thu)	05:58 106	12:01 68S	18:05 257
2025 Feb 28 (Fri)	06:45 100	12:52 75S	19:00 264
2025 Mar 01 (Sat)	07:31 93	13:42 82S	19:54 271
2025 Mar 02 (Sun)	08:17 85	14:32 89S	20:49 278
2025 Mar 03 (Mon)	09:04 78	15:23 85N	21:45 285
2025 Mar 04 (Tue)	09:53 72	16:17 79N	22:43 291
2025 Mar 05 (Wed)	10:46 66	17:14 74N	23:43 296
2025 Mar 06 (Thu)	11:42 63	18:13 71N	
2025 Mar 07 (Fri)	12:41 61	19:14 69N	00:45 298
2025 Mar 08 (Sat)	13:41 61	20:13 70N	01:46 299
2025 Mar 09 (Sun)	14:39 63	21:09 73N	02:44 298
2025 Mar 10 (Mon)	15:35 67	22:01 76N	03:37 295
2025 Mar 11 (Tue)	16:26 71	22:48 81N	04:25 291
2025 Mar 12 (Wed)	17:14 77	23:32 87N	05:08 286
2025 Mar 13 (Thu)	18:00 82		05:48 280
2025 Mar 14 (Fri)	18:43 88	00:14 89S	06:26 275
2025 Mar 15 (Sat)	19:26 94	00:54 83S	07:02 269
2025 Mar 16 (Sun)	20:09 100	01:33 77S	07:38 263
2025 Mar 17 (Mon)	20:53 106	02:13 71S	08:15 257
2025 Mar 18 (Tue)	21:39 110	02:54 66S	08:54 252
2025 Mar 19 (Wed)	22:28 114	03:38 61S	09:36 248
2025 Mar 20 (Thu)	23:19 117	04:25 57S	10:21 244
2025 Mar 21 (Fri)		05:15 55S	11:10 242
2025 Mar 22 (Sat)	00:13 119	06:08 54S	12:03 241
2025 Mar 23 (Sun)	01:07 119	07:03 54S	12:59 242
2025 Mar 24 (Mon)	02:01 117	07:58 56S	13:55 244
2025 Mar 25 (Tue)	02:54 114	08:53 60S	14:52 248
2025 Mar 26 (Wed)	03:44 109	09:45 65S	15:48 253
2025 Mar 27 (Thu)	04:32 103	10:37 71S	16:43 260
2025 Mar 28 (Fri)	05:19 96	11:27 78S	17:37 267
2025 Mar 29 (Sat)	06:05 89	12:18 86S	18:32 275
2025 Mar 30 (Sun)	06:52 82	13:10 88N	19:29 282
2025 Mar 31 (Mon)	07:42 75	14:04 81N	20:28 289
2025 Apr 01 (Tue)	08:35 69	15:02 76N	21:30 294
2025 Apr 02 (Wed)	09:32 64	16:02 72N	22:34 297
2025 Apr 03 (Thu)	10:32 62	17:05 70N	23:38 299
2025 Apr 04 (Fri)	11:34 61	18:06 70N	
2025 Apr 05 (Sat)	12:34 63	19:04 72N	00:38 298
2025 Apr 06 (Sun)	13:31 66	19:58 75N	01:33 296
2025 Apr 07 (Mon)	14:23 70	20:47 80N	02:23 292
2025 Apr 08 (Tue)	15:12 75	21:31 85N	03:08 288
2025 Apr 09 (Wed)	15:58 81	22:13 91N	03:49 282
2025 Apr 10 (Thu)	16:42 86	22:53 85S	04:27 276
2025 Apr 11 (Fri)	17:24 92	23:32 79S	05:03 271
2025 Apr 12 (Sat)	18:07 98		05:39 265
2025 Apr 13 (Sun)	18:50 104	00:12 73S	06:15 259
2025 Apr 14 (Mon)	19:36 109	00:53 68S	06:53 254

2025 Apr 15 (Tue)	20:24 113	01:36 63S	07:34 249
2025 Apr 16 (Wed)	21:14 116	02:21 59S	08:18 245
2025 Apr 17 (Thu)	22:06 118	03:10 56S	09:06 243
2025 Apr 18 (Fri)	23:00 119	04:02 54S	09:57 241
2025 Apr 19 (Sat)	23:54 118	04:55 54S	10:51 241
2025 Apr 20 (Sun)		05:49 55S	11:46 243
2025 Apr 21 (Mon)	00:45 115	06:43 58S	12:41 246
2025 Apr 22 (Tue)	01:35 111	07:34 62S	13:35 251
2025 Apr 23 (Wed)	02:22 106	08:25 68S	14:29 257
2025 Apr 24 (Thu)	03:08 100	09:14 74S	15:22 264
2025 Apr 25 (Fri)	03:53 93	10:03 82S	16:15 271
2025 Apr 26 (Sat)	04:39 86	10:53 89S	17:10 278
2025 Apr 27 (Sun)	05:27 78	11:46 85N	18:08 285
2025 Apr 28 (Mon)	06:18 72	12:43 79N	19:10 291
2025 Apr 29 (Tue)	07:15 66	13:44 74N	20:15 296
2025 Apr 30 (Wed)	08:15 63	14:48 70N	21:21 298
2025 May 01 (Thu)	09:19 61	15:52 70N	22:25 299
2025 May 02 (Fri)	10:22 62	16:54 71N	23:25 297
2025 May 03 (Sat)	11:23 64	17:51 74N	
2025 May 04 (Sun)	12:18 68	18:43 78N	00:18 294
2025 May 05 (Mon)	13:09 73	19:30 83N	01:06 289
2025 May 06 (Tue)	13:56 79	20:12 89N	01:48 284
2025 May 07 (Wed)	14:40 85	20:53 87S	02:27 278
2025 May 08 (Thu)	15:23 91	21:32 81S	03:04 272
2025 May 09 (Fri)	16:05 96	22:11 75S	03:39 266
2025 May 10 (Sat)	16:49 102	22:51 69S	04:16 261
2025 May 11 (Sun)	17:33 107	23:34 64S	04:53 255
2025 May 12 (Mon)	18:20 112		05:33 250
2025 May 13 (Tue)	19:10 115	00:19 60S	06:16 246
2025 May 14 (Wed)	20:02 118	01:07 57S	07:03 243
2025 May 15 (Thu)	20:56 119	01:58 55S	07:53 242
2025 May 16 (Fri)	21:49 118	02:51 54S	08:46 241
2025 May 17 (Sat)	22:41 116	03:45 55S	09:41 243
2025 May 18 (Sun)	23:31 113	04:38 57S	10:35 245
2025 May 19 (Mon)		05:29 61S	11:29 249
2025 May 20 (Tue)	00:17 108	06:19 66S	12:21 255
2025 May 21 (Wed)	01:02 102	07:06 72S	13:12 261
2025 May 22 (Thu)	01:46 96	07:54 79S	14:04 268
2025 May 23 (Fri)	02:29 89	08:41 86S	14:56 275
2025 May 24 (Sat)	03:15 82	09:31 88N	15:51 282
2025 May 25 (Sun)	04:03 75	10:25 82N	16:49 288
2025 May 26 (Mon)	04:56 69	11:23 76N	17:52 294
2025 May 27 (Tue)	05:55 64	12:26 72N	18:58 297
2025 May 28 (Wed)	06:58 62	13:31 70N	20:05 299
2025 May 29 (Thu)	08:03 61	14:36 70N	21:09 298
2025 May 30 (Fri)	09:07 63	15:38 72N	22:07 295
2025 May 31 (Sat)	10:07 67	16:33 76N	22:58 291
2025 Jun 01 (Sun)	11:01 71	17:23 81N	23:44 286
2025 Jun 02 (Mon)	11:51 77	18:09 87N	
2025 Jun 03 (Tue)	12:37 83	18:51 89S	00:25 280
2025 Jun 04 (Wed)	13:20 89	19:31 83S	01:03 274
2025 Jun 05 (Thu)	14:03 95	20:10 77S	01:39 268
2025 Jun 06 (Fri)	14:46 100	20:50 71S	02:15 262
2025 Jun 07 (Sat)	15:30 106	21:31 66S	02:52 257
2025 Jun 08 (Sun)	16:16 110	22:15 61S	03:31 252
2025 Jun 09 (Mon)	17:05 114	23:03 58S	04:13 248
2025 Jun 10 (Tue)	17:57 117	23:53 55S	04:59 244
2025 Jun 11 (Wed)	18:51 119		05:48 242
2025 Jun 12 (Thu)	19:45 118	00:46 54S	06:41 241
2025 Jun 13 (Fri)	20:38 117	01:40 54S	07:36 242
2025 Jun 14 (Sat)	21:28 114	02:34 56S	08:31 244
2025 Jun 15 (Sun)	22:16 109	03:26 60S	09:26 248
2025 Jun 16 (Mon)	23:01 104	04:16 65S	10:18 253
2025 Jun 17 (Tue)	23:44 98	05:04 70S	11:09 259
2025 Jun 18 (Wed)		05:50 77S	11:59 266
2025 Jun 19 (Thu)	00:26 91	06:36 84S	12:49 272
2025 Jun 20 (Fri)	01:09 84	07:24 90S	13:41 279

2025 Jun 21 (Sat)	01:55	77	08:14	84N	14:36	286
2025 Jun 22 (Sun)	02:44	71	09:08	78N	15:35	292
2025 Jun 23 (Mon)	03:39	66	10:08	74N	16:38	296
2025 Jun 24 (Tue)	04:39	63	11:11	71N	17:44	298
2025 Jun 25 (Wed)	05:43	61	12:16	70N	18:49	298
2025 Jun 26 (Thu)	06:48	62	13:20	71N	19:51	297
2025 Jun 27 (Fri)	07:50	65	14:19	74N	20:46	293
2025 Jun 28 (Sat)	08:48	69	15:13	79N	21:35	288
2025 Jun 29 (Sun)	09:41	75	16:01	85N	22:19	282
2025 Jun 30 (Mon)	10:30	80	16:45	91N	22:59	276
2025 Jul 01 (Tue)	11:15	87	17:27	85S	23:37	270
2025 Jul 02 (Wed)	11:59	93	18:07	79S		
2025 Jul 03 (Thu)	12:42	98	18:47	73S	00:13	264
2025 Jul 04 (Fri)	13:26	104	19:28	67S	00:50	259
2025 Jul 05 (Sat)	14:11	109	20:11	63S	01:28	254
2025 Jul 06 (Sun)	14:59	113	20:57	59S	02:09	249
2025 Jul 07 (Mon)	15:50	116	21:46	56S	02:54	245
2025 Jul 08 (Tue)	16:43	118	22:39	54S	03:42	243
2025 Jul 09 (Wed)	17:37	119	23:33	54S	04:34	241
2025 Jul 10 (Thu)	18:31	118			05:29	242
2025 Jul 11 (Fri)	19:24	115	00:28	56S	06:25	243
2025 Jul 12 (Sat)	20:13	111	01:21	59S	07:20	247
2025 Jul 13 (Sun)	20:59	106	02:13	63S	08:14	252
2025 Jul 14 (Mon)	21:43	99	03:02	69S	09:06	257
2025 Jul 15 (Tue)	22:25	93	03:49	75S	09:56	264
2025 Jul 16 (Wed)	23:08	86	04:35	82S	10:46	271
2025 Jul 17 (Thu)	23:52	79	05:21	89S	11:37	277
2025 Jul 18 (Fri)			06:10	86N	12:30	284
2025 Jul 19 (Sat)	00:39	73	07:01	80N	13:26	290
2025 Jul 20 (Sun)	01:30	68	07:57	75N	14:26	295
2025 Jul 21 (Mon)	02:26	64	08:57	71N	15:29	298
2025 Jul 22 (Tue)	03:27	62	10:00	70N	16:33	299
2025 Jul 23 (Wed)	04:31	61	11:04	70N	17:36	298
2025 Jul 24 (Thu)	05:34	63	12:04	73N	18:33	295
2025 Jul 25 (Fri)	06:34	67	13:00	77N	19:25	290
2025 Jul 26 (Sat)	07:29	72	13:51	82N	20:11	285
2025 Jul 27 (Sun)	08:20	78	14:37	88N	20:53	279
2025 Jul 28 (Mon)	09:07	84	15:21	87S	21:32	273
2025 Jul 29 (Tue)	09:52	90	16:02	81S	22:10	267
2025 Jul 30 (Wed)	10:36	96	16:42	75S	22:47	261
2025 Jul 31 (Thu)	11:20	102	17:23	69S	23:24	255
2025 Aug 01 (Fri)	12:05	107	18:05	64S		
2025 Aug 02 (Sat)	12:52	112	18:50	60S	00:04	251
2025 Aug 03 (Sun)	13:41	115	19:38	57S	00:47	246
2025 Aug 04 (Mon)	14:33	118	20:29	55S	01:34	243
2025 Aug 05 (Tue)	15:27	119	21:22	54S	02:24	242
2025 Aug 06 (Wed)	16:21	118	22:17	55S	03:18	241
2025 Aug 07 (Thu)	17:15	116	23:12	57S	04:14	242
2025 Aug 08 (Fri)	18:06	113			05:10	245
2025 Aug 09 (Sat)	18:54	108	00:05	61S	06:05	250
2025 Aug 10 (Sun)	19:39	102	00:55	66S	06:59	255
2025 Aug 11 (Mon)	20:23	95	01:44	73S	07:51	262
2025 Aug 12 (Tue)	21:06	88	02:32	79S	08:42	268
2025 Aug 13 (Wed)	21:50	81	03:19	87S	09:33	275
2025 Aug 14 (Thu)	22:37	75	04:07	88N	10:26	282
2025 Aug 15 (Fri)	23:27	69	04:58	82N	11:21	288
2025 Aug 16 (Sat)			05:52	76N	12:20	294
2025 Aug 17 (Sun)	00:21	65	06:50	72N	13:21	297
2025 Aug 18 (Mon)	01:19	62	07:51	70N	14:24	299
2025 Aug 19 (Tue)	02:21	61	08:54	70N	15:26	298
2025 Aug 20 (Wed)	03:23	62	09:54	72N	16:24	296
2025 Aug 21 (Thu)	04:23	66	10:51	75N	17:17	292
2025 Aug 22 (Fri)	05:19	70	11:43	80N	18:04	287
2025 Aug 23 (Sat)	06:11	75	12:30	85N	18:48	282
2025 Aug 24 (Sun)	06:59	81	13:14	90S	19:28	275
2025 Aug 25 (Mon)	07:45	88	13:56	84S	20:06	269
2025 Aug 26 (Tue)	08:29	94	14:37	77S	20:43	263

2025 Aug 27 (Wed)	09:14 100	15:18 72S	21:21 257
2025 Aug 28 (Thu)	09:58 105	16:00 66S	22:00 252
2025 Aug 29 (Fri)	10:44 110	16:43 62S	22:41 248
2025 Aug 30 (Sat)	11:33 114	17:30 58S	23:26 244
2025 Aug 31 (Sun)	12:24 117	18:19 55S	
2025 Sep 01 (Mon)	13:16 119	19:11 54S	00:14 242
2025 Sep 02 (Tue)	14:10 119	20:05 54S	01:06 241
2025 Sep 03 (Wed)	15:03 117	20:59 56S	02:01 242
2025 Sep 04 (Thu)	15:55 115	21:53 59S	02:56 244
2025 Sep 05 (Fri)	16:44 110	22:44 64S	03:52 247
2025 Sep 06 (Sat)	17:31 105	23:34 70S	04:46 252
2025 Sep 07 (Sun)	18:16 98		05:40 259
2025 Sep 08 (Mon)	19:01 91	00:23 76S	06:32 265
2025 Sep 09 (Tue)	19:45 84	01:11 84S	07:24 273
2025 Sep 10 (Wed)	20:32 77	02:01 91N	08:18 280
2025 Sep 11 (Thu)	21:22 71	02:52 84N	09:14 286
2025 Sep 12 (Fri)	22:16 66	03:47 78N	10:13 292
2025 Sep 13 (Sat)	23:14 62	04:45 73N	11:15 296
2025 Sep 14 (Sun)		05:46 70N	12:18 298
2025 Sep 15 (Mon)	00:15 61	06:48 70N	13:20 299
2025 Sep 16 (Tue)	01:17 62	07:48 71N	14:19 297
2025 Sep 17 (Wed)	02:16 64	08:45 74N	15:13 294
2025 Sep 18 (Thu)	03:13 68	09:38 78N	16:01 289
2025 Sep 19 (Fri)	04:05 73	10:26 83N	16:45 284
2025 Sep 20 (Sat)	04:54 79	11:11 89N	17:25 278
2025 Sep 21 (Sun)	05:40 85	11:53 86S	18:03 272
2025 Sep 22 (Mon)	06:25 91	12:34 80S	18:41 266
2025 Sep 23 (Tue)	07:09 97	13:14 74S	19:18 260
2025 Sep 24 (Wed)	07:53 103	13:56 68S	19:57 254
2025 Sep 25 (Thu)	08:39 108	14:39 63S	20:37 250
2025 Sep 26 (Fri)	09:26 113	15:24 59S	21:21 246
2025 Sep 27 (Sat)	10:16 116	16:12 56S	22:07 243
2025 Sep 28 (Sun)	11:07 118	17:02 54S	22:57 241
2025 Sep 29 (Mon)	12:00 119	17:55 54S	23:50 241
2025 Sep 30 (Tue)	12:52 118	18:48 55S	
2025 Oct 01 (Wed)	13:44 116	19:40 57S	00:44 243
2025 Oct 02 (Thu)	14:33 112	20:32 61S	01:38 246
2025 Oct 03 (Fri)	15:20 107	21:22 67S	02:32 250
2025 Oct 04 (Sat)	16:05 101	22:10 73S	03:25 255
2025 Oct 05 (Sun)	16:50 95	22:59 80S	04:17 262
2025 Oct 06 (Mon)	17:35 87	23:48 87S	05:10 269
2025 Oct 07 (Tue)	18:22 80		06:04 276
2025 Oct 08 (Wed)	19:11 73	00:40 87N	07:00 283
2025 Oct 09 (Thu)	20:05 68	01:34 80N	08:00 290
2025 Oct 10 (Fri)	21:04 64	02:33 75N	09:03 295
2025 Oct 11 (Sat)	22:06 61	03:35 71N	10:08 298
2025 Oct 12 (Sun)	23:10 61	04:39 70N	11:12 299
2025 Oct 13 (Mon)		05:42 70N	12:14 298
2025 Oct 14 (Tue)	00:11 63	06:41 73N	13:09 295
2025 Oct 15 (Wed)	01:09 67	07:35 77N	13:59 291
2025 Oct 16 (Thu)	02:02 72	08:24 82N	14:44 285
2025 Oct 17 (Fri)	02:52 77	09:09 87N	15:25 280
2025 Oct 18 (Sat)	03:38 83	09:52 88S	16:03 274
2025 Oct 19 (Sun)	04:22 89	10:32 82S	16:41 268
2025 Oct 20 (Mon)	05:06 95	11:12 76S	17:17 262
2025 Oct 21 (Tue)	05:50 101	11:53 70S	17:55 256
2025 Oct 22 (Wed)	06:35 106	12:36 65S	18:35 251
2025 Oct 23 (Thu)	07:22 111	13:20 61S	19:18 247
2025 Oct 24 (Fri)	08:10 115	14:07 57S	20:03 244
2025 Oct 25 (Sat)	09:01 117	14:57 55S	20:52 242
2025 Oct 26 (Sun)	09:53 119	15:48 54S	21:43 241
2025 Oct 27 (Mon)	10:45 118	16:40 54S	22:36 242
2025 Oct 28 (Tue)	11:36 117	17:32 56S	23:29 244
2025 Oct 29 (Wed)	12:25 114	18:23 60S	
2025 Oct 30 (Thu)	13:11 110	19:11 64S	00:21 248
2025 Oct 31 (Fri)	13:56 104	19:59 70S	01:13 253
2025 Nov 01 (Sat)	14:39 98	20:46 76S	02:04 259

2025 Nov 02 (Sun)	15:23	91	21:34	83S	02:55	265
2025 Nov 03 (Mon)	16:08	84	22:23	91N	03:47	273
2025 Nov 04 (Tue)	16:56	77	23:16	84N	04:41	280
2025 Nov 05 (Wed)	17:48	71			05:39	287
2025 Nov 06 (Thu)	18:46	65	00:14	78N	06:42	292
2025 Nov 07 (Fri)	19:49	62	01:16	73N	07:48	296
2025 Nov 08 (Sat)	20:55	61	02:22	70N	08:56	298
2025 Nov 09 (Sun)	22:00	63	03:28	70N	10:01	298
2025 Nov 10 (Mon)	23:01	66	04:31	72N	11:01	296
2025 Nov 11 (Tue)	23:57	70	05:29	75N	11:55	292
2025 Nov 12 (Wed)			06:21	80N	12:42	287
2025 Nov 13 (Thu)	00:49	76	07:08	86N	13:25	281
2025 Nov 14 (Fri)	01:36	82	07:51	90S	14:04	275
2025 Nov 15 (Sat)	02:21	88	08:32	84S	14:41	269
2025 Nov 16 (Sun)	03:05	94	09:12	78S	15:18	263
2025 Nov 17 (Mon)	03:48	99	09:52	72S	15:55	258
2025 Nov 18 (Tue)	04:32	105	10:34	67S	16:34	253
2025 Nov 19 (Wed)	05:18	110	11:18	62S	17:16	248
2025 Nov 20 (Thu)	06:07	114	12:04	58S	18:00	245
2025 Nov 21 (Fri)	06:57	117	12:53	56S	18:48	242
2025 Nov 22 (Sat)	07:49	118	13:44	54S	19:39	241
2025 Nov 23 (Sun)	08:41	119	14:36	54S	20:31	242
2025 Nov 24 (Mon)	09:32	117	15:28	56S	21:24	244
2025 Nov 25 (Tue)	10:21	115	16:18	59S	22:16	247
2025 Nov 26 (Wed)	11:07	111	17:06	63S	23:07	251
2025 Nov 27 (Thu)	11:51	106	17:53	68S	23:56	257
2025 Nov 28 (Fri)	12:33	100	18:38	74S		
2025 Nov 29 (Sat)	13:15	94	19:24	80S	00:45	263
2025 Nov 30 (Sun)	13:58	87	20:10	87S	01:34	269
2025 Dec 01 (Mon)	14:42	80	21:00	87N	02:25	276
2025 Dec 02 (Tue)	15:31	74	21:54	81N	03:20	283
2025 Dec 03 (Wed)	16:25	68	22:53	75N	04:19	289
2025 Dec 04 (Thu)	17:26	64	23:57	71N	05:22	294
2025 Dec 05 (Fri)	18:31	62			06:30	298
2025 Dec 06 (Sat)	19:39	62	01:05	70N	07:39	299
2025 Dec 07 (Sun)	20:44	64	02:12	71N	08:44	297
2025 Dec 08 (Mon)	21:45	68	03:14	74N	09:43	294
2025 Dec 09 (Tue)	22:40	74	04:11	78N	10:35	289
2025 Dec 10 (Wed)	23:31	80	05:01	84N	11:20	283
2025 Dec 11 (Thu)			05:47	90N	12:02	277
2025 Dec 12 (Fri)	00:18	86	06:30	86S	12:41	271
2025 Dec 13 (Sat)	01:02	92	07:11	79S	13:18	265
2025 Dec 14 (Sun)	01:46	98	07:51	74S	13:55	259
2025 Dec 15 (Mon)	02:30	103	08:32	68S	14:33	254
2025 Dec 16 (Tue)	03:15	108	09:15	63S	15:14	250
2025 Dec 17 (Wed)	04:03	113	10:01	59S	15:58	246
2025 Dec 18 (Thu)	04:52	116	10:49	56S	16:44	243
2025 Dec 19 (Fri)	05:44	118	11:39	55S	17:34	242
2025 Dec 20 (Sat)	06:36	119	12:32	54S	18:27	242
2025 Dec 21 (Sun)	07:28	118	13:24	55S	19:20	243
2025 Dec 22 (Mon)	08:18	116	14:15	58S	20:13	246
2025 Dec 23 (Tue)	09:06	112	15:04	62S	21:04	250
2025 Dec 24 (Wed)	09:50	107	15:51	66S	21:53	255
2025 Dec 25 (Thu)	10:32	102	16:36	72S	22:42	261
2025 Dec 26 (Fri)	11:13	96	17:20	78S	23:29	267
2025 Dec 27 (Sat)	11:54	89	18:05	85S		
2025 Dec 28 (Sun)	12:36	83	18:51	90N	00:18	274
2025 Dec 29 (Mon)	13:21	76	19:41	83N	01:09	281
2025 Dec 30 (Tue)	14:11	70	20:36	77N	02:03	287
2025 Dec 31 (Wed)	15:06	66	21:36	73N	03:03	292