

Sun

NakhonSiThammarat
Location: E 99°57'57.5", N 8°26'02.3", 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)	05:45	06:34	113	12:24	59S	18:13	247	19:02
2025	Jan	02 (Thu)	05:46	06:35	113	12:24	59S	18:14	247	19:02
2025	Jan	03 (Fri)	05:46	06:35	113	12:25	59S	18:14	247	19:03
2025	Jan	04 (Sat)	05:47	06:36	113	12:25	60S	18:15	247	19:03
2025	Jan	05 (Sun)	05:47	06:36	113	12:26	60S	18:15	247	19:04
2025	Jan	06 (Mon)	05:48	06:36	113	12:26	60S	18:16	247	19:04
2025	Jan	07 (Tue)	05:48	06:37	112	12:26	60S	18:16	248	19:05
2025	Jan	08 (Wed)	05:48	06:37	112	12:27	60S	18:17	248	19:05
2025	Jan	09 (Thu)	05:49	06:37	112	12:27	60S	18:17	248	19:06
2025	Jan	10 (Fri)	05:49	06:38	112	12:28	60S	18:18	248	19:06
2025	Jan	11 (Sat)	05:49	06:38	112	12:28	61S	18:18	248	19:07
2025	Jan	12 (Sun)	05:50	06:38	112	12:28	61S	18:19	248	19:07
2025	Jan	13 (Mon)	05:50	06:38	112	12:29	61S	18:19	248	19:08
2025	Jan	14 (Tue)	05:50	06:39	111	12:29	61S	18:20	249	19:08
2025	Jan	15 (Wed)	05:51	06:39	111	12:30	61S	18:20	249	19:08
2025	Jan	16 (Thu)	05:51	06:39	111	12:30	61S	18:21	249	19:09
2025	Jan	17 (Fri)	05:51	06:39	111	12:30	62S	18:21	249	19:09
2025	Jan	18 (Sat)	05:52	06:40	111	12:31	62S	18:22	249	19:10
2025	Jan	19 (Sun)	05:52	06:40	110	12:31	62S	18:22	250	19:10
2025	Jan	20 (Mon)	05:52	06:40	110	12:31	62S	18:22	250	19:10
2025	Jan	21 (Tue)	05:52	06:40	110	12:31	62S	18:23	250	19:11
2025	Jan	22 (Wed)	05:52	06:40	110	12:32	63S	18:23	250	19:11
2025	Jan	23 (Thu)	05:53	06:40	110	12:32	63S	18:24	251	19:11
2025	Jan	24 (Fri)	05:53	06:40	109	12:32	63S	18:24	251	19:12
2025	Jan	25 (Sat)	05:53	06:40	109	12:32	63S	18:24	251	19:12
2025	Jan	26 (Sun)	05:53	06:41	109	12:33	64S	18:25	251	19:12
2025	Jan	27 (Mon)	05:53	06:41	109	12:33	64S	18:25	252	19:13
2025	Jan	28 (Tue)	05:53	06:41	108	12:33	64S	18:26	252	19:13
2025	Jan	29 (Wed)	05:53	06:41	108	12:33	64S	18:26	252	19:13
2025	Jan	30 (Thu)	05:53	06:41	108	12:33	65S	18:26	252	19:13
2025	Jan	31 (Fri)	05:53	06:41	107	12:34	65S	18:27	253	19:14
2025	Feb	01 (Sat)	05:54	06:41	107	12:34	65S	18:27	253	19:14
2025	Feb	02 (Sun)	05:54	06:41	107	12:34	66S	18:27	253	19:14
2025	Feb	03 (Mon)	05:54	06:40	107	12:34	66S	18:27	254	19:14
2025	Feb	04 (Tue)	05:54	06:40	106	12:34	66S	18:28	254	19:15
2025	Feb	05 (Wed)	05:53	06:40	106	12:34	66S	18:28	254	19:15
2025	Feb	06 (Thu)	05:53	06:40	106	12:34	67S	18:28	254	19:15
2025	Feb	07 (Fri)	05:53	06:40	105	12:34	67S	18:29	255	19:15
2025	Feb	08 (Sat)	05:53	06:40	105	12:34	67S	18:29	255	19:15
2025	Feb	09 (Sun)	05:53	06:40	105	12:34	68S	18:29	255	19:15
2025	Feb	10 (Mon)	05:53	06:40	104	12:34	68S	18:29	256	19:16
2025	Feb	11 (Tue)	05:53	06:39	104	12:34	68S	18:29	256	19:16
2025	Feb	12 (Wed)	05:53	06:39	104	12:34	69S	18:30	256	19:16
2025	Feb	13 (Thu)	05:53	06:39	103	12:34	69S	18:30	257	19:16
2025	Feb	14 (Fri)	05:52	06:39	103	12:34	69S	18:30	257	19:16
2025	Feb	15 (Sat)	05:52	06:38	103	12:34	70S	18:30	257	19:16
2025	Feb	16 (Sun)	05:52	06:38	102	12:34	70S	18:30	258	19:16
2025	Feb	17 (Mon)	05:52	06:38	102	12:34	70S	18:30	258	19:16
2025	Feb	18 (Tue)	05:52	06:38	102	12:34	71S	18:31	259	19:16
2025	Feb	19 (Wed)	05:51	06:37	101	12:34	71S	18:31	259	19:17
2025	Feb	20 (Thu)	05:51	06:37	101	12:34	71S	18:31	259	19:17
2025	Feb	21 (Fri)	05:51	06:37	101	12:34	72S	18:31	260	19:17
2025	Feb	22 (Sat)	05:51	06:36	100	12:34	72S	18:31	260	19:17
2025	Feb	23 (Sun)	05:50	06:36	100	12:33	73S	18:31	260	19:17
2025	Feb	24 (Mon)	05:50	06:36	99	12:33	73S	18:31	261	19:17
2025	Feb	25 (Tue)	05:50	06:35	99	12:33	73S	18:31	261	19:17
2025	Feb	26 (Wed)	05:49	06:35	99	12:33	74S	18:31	262	19:17
2025	Feb	27 (Thu)	05:49	06:34	98	12:33	74S	18:31	262	19:17
2025	Feb	28 (Fri)	05:49	06:34	98	12:33	74S	18:31	262	19:17
2025	Mar	01 (Sat)	05:48	06:34	98	12:32	75S	18:31	263	19:17

2025	Mar	02	(Sun)	05:48	06:33	97	12:32	75S	18:31	263	19:17
2025	Mar	03	(Mon)	05:47	06:33	97	12:32	76S	18:31	263	19:17
2025	Mar	04	(Tue)	05:47	06:32	96	12:32	76S	18:31	264	19:17
2025	Mar	05	(Wed)	05:47	06:32	96	12:32	76S	18:31	264	19:17
2025	Mar	06	(Thu)	05:46	06:31	96	12:31	77S	18:31	265	19:17
2025	Mar	07	(Fri)	05:46	06:31	95	12:31	77S	18:31	265	19:17
2025	Mar	08	(Sat)	05:45	06:30	95	12:31	77S	18:31	265	19:17
2025	Mar	09	(Sun)	05:45	06:30	94	12:31	78S	18:31	266	19:17
2025	Mar	10	(Mon)	05:44	06:30	94	12:30	78S	18:31	266	19:17
2025	Mar	11	(Tue)	05:44	06:29	94	12:30	79S	18:31	267	19:17
2025	Mar	12	(Wed)	05:43	06:29	93	12:30	79S	18:31	267	19:16
2025	Mar	13	(Thu)	05:43	06:28	93	12:30	79S	18:31	267	19:16
2025	Mar	14	(Fri)	05:42	06:28	92	12:29	80S	18:31	268	19:16
2025	Mar	15	(Sat)	05:42	06:27	92	12:29	80S	18:31	268	19:16
2025	Mar	16	(Sun)	05:41	06:26	92	12:29	81S	18:31	269	19:16
2025	Mar	17	(Mon)	05:41	06:26	91	12:28	81S	18:31	269	19:16
2025	Mar	18	(Tue)	05:40	06:25	91	12:28	81S	18:31	269	19:16
2025	Mar	19	(Wed)	05:40	06:25	90	12:28	82S	18:31	270	19:16
2025	Mar	20	(Thu)	05:39	06:24	90	12:28	82S	18:31	270	19:16
2025	Mar	21	(Fri)	05:39	06:24	90	12:27	83S	18:31	271	19:16
2025	Mar	22	(Sat)	05:38	06:23	89	12:27	83S	18:31	271	19:16
2025	Mar	23	(Sun)	05:38	06:23	89	12:27	83S	18:31	271	19:16
2025	Mar	24	(Mon)	05:37	06:22	88	12:26	84S	18:31	272	19:16
2025	Mar	25	(Tue)	05:37	06:22	88	12:26	84S	18:31	272	19:16
2025	Mar	26	(Wed)	05:36	06:21	88	12:26	85S	18:31	273	19:16
2025	Mar	27	(Thu)	05:35	06:21	87	12:25	85S	18:30	273	19:16
2025	Mar	28	(Fri)	05:35	06:20	87	12:25	85S	18:30	273	19:16
2025	Mar	29	(Sat)	05:34	06:20	86	12:25	86S	18:30	274	19:16
2025	Mar	30	(Sun)	05:34	06:19	86	12:25	86S	18:30	274	19:16
2025	Mar	31	(Mon)	05:33	06:19	86	12:24	87S	18:30	275	19:16
2025	Apr	01	(Tue)	05:33	06:18	85	12:24	87S	18:30	275	19:15
2025	Apr	02	(Wed)	05:32	06:17	85	12:24	87S	18:30	275	19:15
2025	Apr	03	(Thu)	05:32	06:17	85	12:23	88S	18:30	276	19:15
2025	Apr	04	(Fri)	05:31	06:16	84	12:23	88S	18:30	276	19:15
2025	Apr	05	(Sat)	05:30	06:16	84	12:23	88S	18:30	276	19:15
2025	Apr	06	(Sun)	05:30	06:15	83	12:23	89S	18:30	277	19:15
2025	Apr	07	(Mon)	05:29	06:15	83	12:22	89S	18:30	277	19:15
2025	Apr	08	(Tue)	05:29	06:14	83	12:22	90S	18:30	278	19:15
2025	Apr	09	(Wed)	05:28	06:14	82	12:22	90S	18:30	278	19:15
2025	Apr	10	(Thu)	05:28	06:13	82	12:21	90S	18:30	278	19:15
2025	Apr	11	(Fri)	05:27	06:13	81	12:21	91S	18:30	279	19:15
2025	Apr	12	(Sat)	05:27	06:12	81	12:21	90N	18:30	279	19:15
2025	Apr	13	(Sun)	05:26	06:12	81	12:21	90N	18:30	279	19:15
2025	Apr	14	(Mon)	05:26	06:11	80	12:20	90N	18:29	280	19:15
2025	Apr	15	(Tue)	05:25	06:11	80	12:20	89N	18:29	280	19:15
2025	Apr	16	(Wed)	05:24	06:11	80	12:20	89N	18:29	281	19:16
2025	Apr	17	(Thu)	05:24	06:10	79	12:20	89N	18:29	281	19:16
2025	Apr	18	(Fri)	05:23	06:10	79	12:19	88N	18:29	281	19:16
2025	Apr	19	(Sat)	05:23	06:09	79	12:19	88N	18:29	282	19:16
2025	Apr	20	(Sun)	05:22	06:09	78	12:19	88N	18:29	282	19:16
2025	Apr	21	(Mon)	05:22	06:08	78	12:19	87N	18:29	282	19:16
2025	Apr	22	(Tue)	05:21	06:08	78	12:19	87N	18:29	283	19:16
2025	Apr	23	(Wed)	05:21	06:08	77	12:18	87N	18:29	283	19:16
2025	Apr	24	(Thu)	05:21	06:07	77	12:18	86N	18:30	283	19:16
2025	Apr	25	(Fri)	05:20	06:07	77	12:18	86N	18:30	284	19:16
2025	Apr	26	(Sat)	05:20	06:06	76	12:18	86N	18:30	284	19:16
2025	Apr	27	(Sun)	05:19	06:06	76	12:18	85N	18:30	284	19:16
2025	Apr	28	(Mon)	05:19	06:06	76	12:18	85N	18:30	285	19:17
2025	Apr	29	(Tue)	05:18	06:05	75	12:17	85N	18:30	285	19:17
2025	Apr	30	(Wed)	05:18	06:05	75	12:17	84N	18:30	285	19:17
2025	May	01	(Thu)	05:18	06:05	75	12:17	84N	18:30	286	19:17
2025	May	02	(Fri)	05:17	06:04	74	12:17	84N	18:30	286	19:17
2025	May	03	(Sat)	05:17	06:04	74	12:17	83N	18:30	286	19:17
2025	May	04	(Sun)	05:16	06:04	74	12:17	83N	18:30	286	19:18
2025	May	05	(Mon)	05:16	06:03	73	12:17	83N	18:30	287	19:18
2025	May	06	(Tue)	05:16	06:03	73	12:17	83N	18:30	287	19:18
2025	May	07	(Wed)	05:15	06:03	73	12:17	82N	18:31	287	19:18
2025	May	08	(Thu)	05:15	06:03	73	12:17	82N	18:31	288	19:18
2025	May	09	(Fri)	05:15	06:02	72	12:17	82N	18:31	288	19:19
2025	May	10	(Sat)	05:14	06:02	72	12:17	81N	18:31	288	19:19
2025	May	11	(Sun)	05:14	06:02	72	12:17	81N	18:31	288	19:19
2025	May	12	(Mon)	05:14	06:02	72	12:16	81N	18:31	289	19:19

2025	May	13	(Tue)	05:14	06:02	71	12:16	81N	18:31	289	19:19
2025	May	14	(Wed)	05:13	06:01	71	12:16	80N	18:32	289	19:20
2025	May	15	(Thu)	05:13	06:01	71	12:16	80N	18:32	289	19:20
2025	May	16	(Fri)	05:13	06:01	71	12:16	80N	18:32	290	19:20
2025	May	17	(Sat)	05:13	06:01	70	12:17	80N	18:32	290	19:20
2025	May	18	(Sun)	05:13	06:01	70	12:17	80N	18:32	290	19:21
2025	May	19	(Mon)	05:12	06:01	70	12:17	79N	18:32	290	19:21
2025	May	20	(Tue)	05:12	06:01	70	12:17	79N	18:33	290	19:21
2025	May	21	(Wed)	05:12	06:01	69	12:17	79N	18:33	291	19:22
2025	May	22	(Thu)	05:12	06:01	69	12:17	79N	18:33	291	19:22
2025	May	23	(Fri)	05:12	06:01	69	12:17	79N	18:33	291	19:22
2025	May	24	(Sat)	05:12	06:00	69	12:17	78N	18:34	291	19:22
2025	May	25	(Sun)	05:12	06:00	69	12:17	78N	18:34	291	19:23
2025	May	26	(Mon)	05:11	06:00	68	12:17	78N	18:34	292	19:23
2025	May	27	(Tue)	05:11	06:00	68	12:17	78N	18:34	292	19:23
2025	May	28	(Wed)	05:11	06:00	68	12:17	78N	18:34	292	19:24
2025	May	29	(Thu)	05:11	06:00	68	12:18	77N	18:35	292	19:24
2025	May	30	(Fri)	05:11	06:00	68	12:18	77N	18:35	292	19:24
2025	May	31	(Sat)	05:11	06:01	68	12:18	77N	18:35	292	19:24
2025	Jun	01	(Sun)	05:11	06:01	68	12:18	77N	18:35	293	19:25
2025	Jun	02	(Mon)	05:11	06:01	67	12:18	77N	18:36	293	19:25
2025	Jun	03	(Tue)	05:11	06:01	67	12:18	77N	18:36	293	19:25
2025	Jun	04	(Wed)	05:11	06:01	67	12:18	77N	18:36	293	19:26
2025	Jun	05	(Thu)	05:11	06:01	67	12:19	77N	18:36	293	19:26
2025	Jun	06	(Fri)	05:11	06:01	67	12:19	76N	18:37	293	19:26
2025	Jun	07	(Sat)	05:12	06:01	67	12:19	76N	18:37	293	19:27
2025	Jun	08	(Sun)	05:12	06:01	67	12:19	76N	18:37	293	19:27
2025	Jun	09	(Mon)	05:12	06:01	67	12:19	76N	18:38	293	19:27
2025	Jun	10	(Tue)	05:12	06:01	67	12:20	76N	18:38	293	19:27
2025	Jun	11	(Wed)	05:12	06:02	67	12:20	76N	18:38	294	19:28
2025	Jun	12	(Thu)	05:12	06:02	66	12:20	76N	18:38	294	19:28
2025	Jun	13	(Fri)	05:12	06:02	66	12:20	76N	18:39	294	19:28
2025	Jun	14	(Sat)	05:12	06:02	66	12:20	76N	18:39	294	19:29
2025	Jun	15	(Sun)	05:12	06:02	66	12:21	76N	18:39	294	19:29
2025	Jun	16	(Mon)	05:13	06:02	66	12:21	76N	18:39	294	19:29
2025	Jun	17	(Tue)	05:13	06:03	66	12:21	76N	18:39	294	19:29
2025	Jun	18	(Wed)	05:13	06:03	66	12:21	76N	18:40	294	19:30
2025	Jun	19	(Thu)	05:13	06:03	66	12:22	76N	18:40	294	19:30
2025	Jun	20	(Fri)	05:13	06:03	66	12:22	76N	18:40	294	19:30
2025	Jun	21	(Sat)	05:14	06:03	66	12:22	76N	18:40	294	19:30
2025	Jun	22	(Sun)	05:14	06:04	66	12:22	76N	18:41	294	19:30
2025	Jun	23	(Mon)	05:14	06:04	66	12:22	76N	18:41	294	19:31
2025	Jun	24	(Tue)	05:14	06:04	66	12:23	76N	18:41	294	19:31
2025	Jun	25	(Wed)	05:15	06:04	66	12:23	76N	18:41	294	19:31
2025	Jun	26	(Thu)	05:15	06:05	66	12:23	76N	18:41	294	19:31
2025	Jun	27	(Fri)	05:15	06:05	66	12:23	76N	18:42	294	19:31
2025	Jun	28	(Sat)	05:15	06:05	66	12:23	76N	18:42	294	19:32
2025	Jun	29	(Sun)	05:16	06:05	66	12:24	76N	18:42	294	19:32
2025	Jun	30	(Mon)	05:16	06:06	66	12:24	76N	18:42	294	19:32
2025	Jul	01	(Tue)	05:16	06:06	66	12:24	76N	18:42	293	19:32
2025	Jul	02	(Wed)	05:16	06:06	67	12:24	76N	18:42	293	19:32
2025	Jul	03	(Thu)	05:17	06:06	67	12:24	76N	18:42	293	19:32
2025	Jul	04	(Fri)	05:17	06:07	67	12:25	76N	18:43	293	19:32
2025	Jul	05	(Sat)	05:17	06:07	67	12:25	76N	18:43	293	19:32
2025	Jul	06	(Sun)	05:18	06:07	67	12:25	76N	18:43	293	19:32
2025	Jul	07	(Mon)	05:18	06:07	67	12:25	77N	18:43	293	19:32
2025	Jul	08	(Tue)	05:18	06:08	67	12:25	77N	18:43	293	19:32
2025	Jul	09	(Wed)	05:18	06:08	67	12:25	77N	18:43	293	19:32
2025	Jul	10	(Thu)	05:19	06:08	67	12:26	77N	18:43	293	19:32
2025	Jul	11	(Fri)	05:19	06:08	68	12:26	77N	18:43	292	19:32
2025	Jul	12	(Sat)	05:19	06:08	68	12:26	77N	18:43	292	19:32
2025	Jul	13	(Sun)	05:19	06:09	68	12:26	77N	18:43	292	19:32
2025	Jul	14	(Mon)	05:20	06:09	68	12:26	78N	18:43	292	19:32
2025	Jul	15	(Tue)	05:20	06:09	68	12:26	78N	18:43	292	19:32
2025	Jul	16	(Wed)	05:20	06:09	68	12:26	78N	18:43	292	19:32
2025	Jul	17	(Thu)	05:21	06:10	68	12:26	78N	18:43	291	19:32
2025	Jul	18	(Fri)	05:21	06:10	69	12:26	78N	18:43	291	19:32
2025	Jul	19	(Sat)	05:21	06:10	69	12:26	78N	18:43	291	19:32
2025	Jul	20	(Sun)	05:21	06:10	69	12:27	79N	18:43	291	19:32
2025	Jul	21	(Mon)	05:22	06:10	69	12:27	79N	18:43	291	19:31
2025	Jul	22	(Tue)	05:22	06:10	69	12:27	79N	18:43	291	19:31
2025	Jul	23	(Wed)	05:22	06:11	70	12:27	79N	18:43	290	19:31

2025	Jul	24	(Thu)	05:22	06:11	70	12:27	79N	18:42	290	19:31
2025	Jul	25	(Fri)	05:23	06:11	70	12:27	80N	18:42	290	19:31
2025	Jul	26	(Sat)	05:23	06:11	70	12:27	80N	18:42	290	19:30
2025	Jul	27	(Sun)	05:23	06:11	70	12:27	80N	18:42	289	19:30
2025	Jul	28	(Mon)	05:23	06:11	71	12:27	80N	18:42	289	19:30
2025	Jul	29	(Tue)	05:23	06:12	71	12:27	80N	18:42	289	19:30
2025	Jul	30	(Wed)	05:24	06:12	71	12:27	81N	18:41	289	19:29
2025	Jul	31	(Thu)	05:24	06:12	71	12:27	81N	18:41	288	19:29
2025	Aug	01	(Fri)	05:24	06:12	72	12:27	81N	18:41	288	19:29
2025	Aug	02	(Sat)	05:24	06:12	72	12:26	81N	18:41	288	19:29
2025	Aug	03	(Sun)	05:24	06:12	72	12:26	82N	18:40	288	19:28
2025	Aug	04	(Mon)	05:25	06:12	72	12:26	82N	18:40	287	19:28
2025	Aug	05	(Tue)	05:25	06:12	73	12:26	82N	18:40	287	19:27
2025	Aug	06	(Wed)	05:25	06:12	73	12:26	83N	18:40	287	19:27
2025	Aug	07	(Thu)	05:25	06:12	73	12:26	83N	18:39	287	19:27
2025	Aug	08	(Fri)	05:25	06:13	74	12:26	83N	18:39	286	19:26
2025	Aug	09	(Sat)	05:25	06:13	74	12:26	83N	18:39	286	19:26
2025	Aug	10	(Sun)	05:25	06:13	74	12:26	84N	18:38	286	19:25
2025	Aug	11	(Mon)	05:26	06:13	74	12:25	84N	18:38	285	19:25
2025	Aug	12	(Tue)	05:26	06:13	75	12:25	84N	18:38	285	19:25
2025	Aug	13	(Wed)	05:26	06:13	75	12:25	85N	18:37	285	19:24
2025	Aug	14	(Thu)	05:26	06:13	75	12:25	85N	18:37	284	19:24
2025	Aug	15	(Fri)	05:26	06:13	76	12:25	85N	18:36	284	19:23
2025	Aug	16	(Sat)	05:26	06:13	76	12:24	85N	18:36	284	19:23
2025	Aug	17	(Sun)	05:26	06:13	76	12:24	86N	18:36	284	19:22
2025	Aug	18	(Mon)	05:26	06:13	77	12:24	86N	18:35	283	19:22
2025	Aug	19	(Tue)	05:26	06:13	77	12:24	86N	18:35	283	19:21
2025	Aug	20	(Wed)	05:26	06:13	77	12:24	87N	18:34	283	19:21
2025	Aug	21	(Thu)	05:26	06:13	78	12:23	87N	18:34	282	19:20
2025	Aug	22	(Fri)	05:26	06:13	78	12:23	87N	18:33	282	19:20
2025	Aug	23	(Sat)	05:26	06:13	78	12:23	88N	18:33	282	19:19
2025	Aug	24	(Sun)	05:26	06:13	79	12:23	88N	18:32	281	19:19
2025	Aug	25	(Mon)	05:26	06:12	79	12:22	88N	18:32	281	19:18
2025	Aug	26	(Tue)	05:26	06:12	79	12:22	89N	18:31	280	19:18
2025	Aug	27	(Wed)	05:26	06:12	80	12:22	89N	18:31	280	19:17
2025	Aug	28	(Thu)	05:26	06:12	80	12:21	90N	18:30	280	19:16
2025	Aug	29	(Fri)	05:26	06:12	80	12:21	90N	18:30	279	19:16
2025	Aug	30	(Sat)	05:26	06:12	81	12:21	90N	18:29	279	19:15
2025	Aug	31	(Sun)	05:26	06:12	81	12:20	91N	18:29	279	19:15
2025	Sep	01	(Mon)	05:26	06:12	82	12:20	90S	18:28	278	19:14
2025	Sep	02	(Tue)	05:26	06:12	82	12:20	90S	18:28	278	19:13
2025	Sep	03	(Wed)	05:26	06:12	82	12:20	90S	18:27	278	19:13
2025	Sep	04	(Thu)	05:26	06:12	83	12:19	89S	18:27	277	19:12
2025	Sep	05	(Fri)	05:26	06:12	83	12:19	89S	18:26	277	19:12
2025	Sep	06	(Sat)	05:26	06:11	83	12:19	89S	18:26	276	19:11
2025	Sep	07	(Sun)	05:26	06:11	84	12:18	88S	18:25	276	19:10
2025	Sep	08	(Mon)	05:26	06:11	84	12:18	88S	18:24	276	19:10
2025	Sep	09	(Tue)	05:26	06:11	85	12:17	87S	18:24	275	19:09
2025	Sep	10	(Wed)	05:26	06:11	85	12:17	87S	18:23	275	19:09
2025	Sep	11	(Thu)	05:25	06:11	85	12:17	87S	18:23	275	19:08
2025	Sep	12	(Fri)	05:25	06:11	86	12:16	86S	18:22	274	19:07
2025	Sep	13	(Sat)	05:25	06:11	86	12:16	86S	18:21	274	19:07
2025	Sep	14	(Sun)	05:25	06:10	86	12:16	86S	18:21	273	19:06
2025	Sep	15	(Mon)	05:25	06:10	87	12:15	85S	18:20	273	19:06
2025	Sep	16	(Tue)	05:25	06:10	87	12:15	85S	18:20	273	19:05
2025	Sep	17	(Wed)	05:25	06:10	88	12:15	84S	18:19	272	19:04
2025	Sep	18	(Thu)	05:25	06:10	88	12:14	84S	18:19	272	19:04
2025	Sep	19	(Fri)	05:25	06:10	88	12:14	84S	18:18	271	19:03
2025	Sep	20	(Sat)	05:24	06:10	89	12:14	83S	18:17	271	19:03
2025	Sep	21	(Sun)	05:24	06:10	89	12:13	83S	18:17	271	19:02
2025	Sep	22	(Mon)	05:24	06:09	90	12:13	82S	18:16	270	19:01
2025	Sep	23	(Tue)	05:24	06:09	90	12:13	82S	18:16	270	19:01
2025	Sep	24	(Wed)	05:24	06:09	90	12:12	82S	18:15	269	19:00
2025	Sep	25	(Thu)	05:24	06:09	91	12:12	81S	18:14	269	19:00
2025	Sep	26	(Fri)	05:24	06:09	91	12:11	81S	18:14	269	18:59
2025	Sep	27	(Sat)	05:24	06:09	92	12:11	81S	18:13	268	18:58
2025	Sep	28	(Sun)	05:24	06:09	92	12:11	80S	18:13	268	18:58
2025	Sep	29	(Mon)	05:23	06:09	92	12:10	80S	18:12	267	18:57
2025	Sep	30	(Tue)	05:23	06:09	93	12:10	79S	18:12	267	18:57
2025	Oct	01	(Wed)	05:23	06:08	93	12:10	79S	18:11	267	18:56
2025	Oct	02	(Thu)	05:23	06:08	93	12:10	79S	18:11	266	18:56
2025	Oct	03	(Fri)	05:23	06:08	94	12:09	78S	18:10	266	18:55

2025	Oct	04	(Sat)	05:23	06:08	94	12:09	78S	18:09	266	18:55
2025	Oct	05	(Sun)	05:23	06:08	95	12:09	77S	18:09	265	18:54
2025	Oct	06	(Mon)	05:23	06:08	95	12:08	77S	18:08	265	18:54
2025	Oct	07	(Tue)	05:23	06:08	95	12:08	77S	18:08	264	18:53
2025	Oct	08	(Wed)	05:23	06:08	96	12:08	76S	18:07	264	18:53
2025	Oct	09	(Thu)	05:22	06:08	96	12:07	76S	18:07	264	18:52
2025	Oct	10	(Fri)	05:22	06:08	97	12:07	76S	18:06	263	18:52
2025	Oct	11	(Sat)	05:22	06:08	97	12:07	75S	18:06	263	18:51
2025	Oct	12	(Sun)	05:22	06:08	97	12:07	75S	18:05	262	18:51
2025	Oct	13	(Mon)	05:22	06:08	98	12:06	74S	18:05	262	18:50
2025	Oct	14	(Tue)	05:22	06:08	98	12:06	74S	18:05	262	18:50
2025	Oct	15	(Wed)	05:22	06:08	98	12:06	74S	18:04	261	18:50
2025	Oct	16	(Thu)	05:22	06:08	99	12:06	73S	18:04	261	18:49
2025	Oct	17	(Fri)	05:22	06:08	99	12:06	73S	18:03	261	18:49
2025	Oct	18	(Sat)	05:22	06:08	100	12:05	73S	18:03	260	18:49
2025	Oct	19	(Sun)	05:22	06:08	100	12:05	72S	18:02	260	18:48
2025	Oct	20	(Mon)	05:22	06:08	100	12:05	72S	18:02	259	18:48
2025	Oct	21	(Tue)	05:22	06:08	101	12:05	71S	18:02	259	18:47
2025	Oct	22	(Wed)	05:22	06:08	101	12:05	71S	18:01	259	18:47
2025	Oct	23	(Thu)	05:22	06:08	101	12:04	71S	18:01	258	18:47
2025	Oct	24	(Fri)	05:22	06:08	102	12:04	70S	18:01	258	18:47
2025	Oct	25	(Sat)	05:22	06:08	102	12:04	70S	18:00	258	18:46
2025	Oct	26	(Sun)	05:22	06:08	102	12:04	70S	18:00	257	18:46
2025	Oct	27	(Mon)	05:22	06:08	103	12:04	69S	18:00	257	18:46
2025	Oct	28	(Tue)	05:22	06:08	103	12:04	69S	17:59	257	18:46
2025	Oct	29	(Wed)	05:22	06:09	103	12:04	69S	17:59	256	18:45
2025	Oct	30	(Thu)	05:22	06:09	104	12:04	68S	17:59	256	18:45
2025	Oct	31	(Fri)	05:22	06:09	104	12:04	68S	17:59	256	18:45
2025	Nov	01	(Sat)	05:23	06:09	104	12:04	68S	17:58	255	18:45
2025	Nov	02	(Sun)	05:23	06:09	105	12:04	67S	17:58	255	18:45
2025	Nov	03	(Mon)	05:23	06:09	105	12:04	67S	17:58	255	18:45
2025	Nov	04	(Tue)	05:23	06:10	105	12:04	67S	17:58	254	18:44
2025	Nov	05	(Wed)	05:23	06:10	106	12:04	67S	17:58	254	18:44
2025	Nov	06	(Thu)	05:23	06:10	106	12:04	66S	17:57	254	18:44
2025	Nov	07	(Fri)	05:23	06:10	106	12:04	66S	17:57	254	18:44
2025	Nov	08	(Sat)	05:24	06:10	107	12:04	66S	17:57	253	18:44
2025	Nov	09	(Sun)	05:24	06:11	107	12:04	65S	17:57	253	18:44
2025	Nov	10	(Mon)	05:24	06:11	107	12:04	65S	17:57	253	18:44
2025	Nov	11	(Tue)	05:24	06:11	107	12:04	65S	17:57	252	18:44
2025	Nov	12	(Wed)	05:24	06:12	108	12:04	65S	17:57	252	18:44
2025	Nov	13	(Thu)	05:25	06:12	108	12:04	64S	17:57	252	18:44
2025	Nov	14	(Fri)	05:25	06:12	108	12:05	64S	17:57	252	18:44
2025	Nov	15	(Sat)	05:25	06:12	109	12:05	64S	17:57	251	18:44
2025	Nov	16	(Sun)	05:25	06:13	109	12:05	63S	17:57	251	18:44
2025	Nov	17	(Mon)	05:26	06:13	109	12:05	63S	17:57	251	18:45
2025	Nov	18	(Tue)	05:26	06:14	109	12:05	63S	17:57	251	18:45
2025	Nov	19	(Wed)	05:26	06:14	110	12:06	63S	17:57	250	18:45
2025	Nov	20	(Thu)	05:26	06:14	110	12:06	63S	17:57	250	18:45
2025	Nov	21	(Fri)	05:27	06:15	110	12:06	62S	17:57	250	18:45
2025	Nov	22	(Sat)	05:27	06:15	110	12:06	62S	17:57	250	18:45
2025	Nov	23	(Sun)	05:27	06:15	110	12:07	62S	17:58	249	18:46
2025	Nov	24	(Mon)	05:28	06:16	111	12:07	62S	17:58	249	18:46
2025	Nov	25	(Tue)	05:28	06:16	111	12:07	61S	17:58	249	18:46
2025	Nov	26	(Wed)	05:29	06:17	111	12:07	61S	17:58	249	18:46
2025	Nov	27	(Thu)	05:29	06:17	111	12:08	61S	17:58	249	18:46
2025	Nov	28	(Fri)	05:29	06:18	111	12:08	61S	17:58	248	18:47
2025	Nov	29	(Sat)	05:30	06:18	112	12:08	61S	17:59	248	18:47
2025	Nov	30	(Sun)	05:30	06:19	112	12:09	61S	17:59	248	18:47
2025	Dec	01	(Mon)	05:31	06:19	112	12:09	60S	17:59	248	18:48
2025	Dec	02	(Tue)	05:31	06:19	112	12:10	60S	18:00	248	18:48
2025	Dec	03	(Wed)	05:31	06:20	112	12:10	60S	18:00	248	18:48
2025	Dec	04	(Thu)	05:32	06:20	112	12:10	60S	18:00	248	18:49
2025	Dec	05	(Fri)	05:32	06:21	112	12:11	60S	18:00	247	18:49
2025	Dec	06	(Sat)	05:33	06:21	113	12:11	60S	18:01	247	18:49
2025	Dec	07	(Sun)	05:33	06:22	113	12:12	60S	18:01	247	18:50
2025	Dec	08	(Mon)	05:34	06:22	113	12:12	60S	18:01	247	18:50
2025	Dec	09	(Tue)	05:34	06:23	113	12:12	59S	18:02	247	18:51
2025	Dec	10	(Wed)	05:35	06:23	113	12:13	59S	18:02	247	18:51
2025	Dec	11	(Thu)	05:35	06:24	113	12:13	59S	18:03	247	18:52
2025	Dec	12	(Fri)	05:36	06:25	113	12:14	59S	18:03	247	18:52
2025	Dec	13	(Sat)	05:36	06:25	113	12:14	59S	18:04	247	18:52
2025	Dec	14	(Sun)	05:37	06:26	113	12:15	59S	18:04	247	18:53

2025	Dec 15	(Mon)	05:37	06:26	113	12:15	59S	18:04	247	18:53
2025	Dec 16	(Tue)	05:38	06:27	113	12:16	59S	18:05	247	18:54
2025	Dec 17	(Wed)	05:38	06:27	113	12:16	59S	18:05	246	18:54
2025	Dec 18	(Thu)	05:39	06:28	114	12:17	59S	18:06	246	18:55
2025	Dec 19	(Fri)	05:39	06:28	114	12:17	59S	18:06	246	18:55
2025	Dec 20	(Sat)	05:40	06:29	114	12:18	59S	18:07	246	18:56
2025	Dec 21	(Sun)	05:40	06:29	114	12:18	59S	18:07	246	18:56
2025	Dec 22	(Mon)	05:41	06:30	114	12:19	59S	18:08	246	18:57
2025	Dec 23	(Tue)	05:41	06:30	114	12:19	59S	18:08	246	18:57
2025	Dec 24	(Wed)	05:42	06:31	114	12:20	59S	18:09	246	18:58
2025	Dec 25	(Thu)	05:42	06:31	114	12:20	59S	18:09	246	18:58
2025	Dec 26	(Fri)	05:43	06:32	114	12:21	59S	18:10	247	18:59
2025	Dec 27	(Sat)	05:43	06:32	113	12:21	59S	18:10	247	18:59
2025	Dec 28	(Sun)	05:44	06:32	113	12:22	59S	18:11	247	19:00
2025	Dec 29	(Mon)	05:44	06:33	113	12:22	59S	18:11	247	19:00
2025	Dec 30	(Tue)	05:44	06:33	113	12:23	59S	18:12	247	19:01
2025	Dec 31	(Wed)	05:45	06:34	113	12:23	59S	18:12	247	19:01

Sun

NakhonSiThammarat

Location: E 99°57'57.5", N 8°26'02.3", 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
2025	Jan 01	(Wed)	06:12	06:34	113	12:24	59S	18:13	247	18:36
2025	Jan 02	(Thu)	06:12	06:35	113	12:24	59S	18:14	247	18:36
2025	Jan 03	(Fri)	06:13	06:35	113	12:25	59S	18:14	247	18:37
2025	Jan 04	(Sat)	06:13	06:36	113	12:25	60S	18:15	247	18:37
2025	Jan 05	(Sun)	06:13	06:36	113	12:26	60S	18:15	247	18:38
2025	Jan 06	(Mon)	06:14	06:36	113	12:26	60S	18:16	247	18:38
2025	Jan 07	(Tue)	06:14	06:37	112	12:26	60S	18:16	248	18:39
2025	Jan 08	(Wed)	06:14	06:37	112	12:27	60S	18:17	248	18:39
2025	Jan 09	(Thu)	06:15	06:37	112	12:27	60S	18:17	248	18:40
2025	Jan 10	(Fri)	06:15	06:38	112	12:28	60S	18:18	248	18:40
2025	Jan 11	(Sat)	06:15	06:38	112	12:28	61S	18:18	248	18:41
2025	Jan 12	(Sun)	06:16	06:38	112	12:28	61S	18:19	248	18:41
2025	Jan 13	(Mon)	06:16	06:38	112	12:29	61S	18:19	248	18:42
2025	Jan 14	(Tue)	06:16	06:39	111	12:29	61S	18:20	249	18:42
2025	Jan 15	(Wed)	06:17	06:39	111	12:30	61S	18:20	249	18:43
2025	Jan 16	(Thu)	06:17	06:39	111	12:30	61S	18:21	249	18:43
2025	Jan 17	(Fri)	06:17	06:39	111	12:30	62S	18:21	249	18:43
2025	Jan 18	(Sat)	06:17	06:40	111	12:31	62S	18:22	249	18:44
2025	Jan 19	(Sun)	06:18	06:40	110	12:31	62S	18:22	250	18:44
2025	Jan 20	(Mon)	06:18	06:40	110	12:31	62S	18:22	250	18:45
2025	Jan 21	(Tue)	06:18	06:40	110	12:31	62S	18:23	250	18:45
2025	Jan 22	(Wed)	06:18	06:40	110	12:32	63S	18:23	250	18:45
2025	Jan 23	(Thu)	06:18	06:40	110	12:32	63S	18:24	251	18:46
2025	Jan 24	(Fri)	06:18	06:40	109	12:32	63S	18:24	251	18:46
2025	Jan 25	(Sat)	06:18	06:40	109	12:32	63S	18:24	251	18:46
2025	Jan 26	(Sun)	06:19	06:41	109	12:33	64S	18:25	251	18:47
2025	Jan 27	(Mon)	06:19	06:41	109	12:33	64S	18:25	252	18:47
2025	Jan 28	(Tue)	06:19	06:41	108	12:33	64S	18:26	252	18:47
2025	Jan 29	(Wed)	06:19	06:41	108	12:33	64S	18:26	252	18:48
2025	Jan 30	(Thu)	06:19	06:41	108	12:33	65S	18:26	252	18:48
2025	Jan 31	(Fri)	06:19	06:41	107	12:34	65S	18:27	253	18:48
2025	Feb 01	(Sat)	06:19	06:41	107	12:34	65S	18:27	253	18:49
2025	Feb 02	(Sun)	06:19	06:41	107	12:34	66S	18:27	253	18:49
2025	Feb 03	(Mon)	06:19	06:40	107	12:34	66S	18:27	254	18:49
2025	Feb 04	(Tue)	06:19	06:40	106	12:34	66S	18:28	254	18:49
2025	Feb 05	(Wed)	06:19	06:40	106	12:34	66S	18:28	254	18:50
2025	Feb 06	(Thu)	06:19	06:40	106	12:34	67S	18:28	254	18:50
2025	Feb 07	(Fri)	06:18	06:40	105	12:34	67S	18:29	255	18:50
2025	Feb 08	(Sat)	06:18	06:40	105	12:34	67S	18:29	255	18:50
2025	Feb 09	(Sun)	06:18	06:40	105	12:34	68S	18:29	255	18:51
2025	Feb 10	(Mon)	06:18	06:40	104	12:34	68S	18:29	256	18:51
2025	Feb 11	(Tue)	06:18	06:39	104	12:34	68S	18:29	256	18:51

2025	Feb	12	(Wed)	06:18	06:39	104	12:34	69S	18:30	256	18:51
2025	Feb	13	(Thu)	06:17	06:39	103	12:34	69S	18:30	257	18:51
2025	Feb	14	(Fri)	06:17	06:39	103	12:34	69S	18:30	257	18:51
2025	Feb	15	(Sat)	06:17	06:38	103	12:34	70S	18:30	257	18:51
2025	Feb	16	(Sun)	06:17	06:38	102	12:34	70S	18:30	258	18:52
2025	Feb	17	(Mon)	06:17	06:38	102	12:34	70S	18:30	258	18:52
2025	Feb	18	(Tue)	06:16	06:38	102	12:34	71S	18:31	259	18:52
2025	Feb	19	(Wed)	06:16	06:37	101	12:34	71S	18:31	259	18:52
2025	Feb	20	(Thu)	06:16	06:37	101	12:34	71S	18:31	259	18:52
2025	Feb	21	(Fri)	06:15	06:37	101	12:34	72S	18:31	260	18:52
2025	Feb	22	(Sat)	06:15	06:36	100	12:34	72S	18:31	260	18:52
2025	Feb	23	(Sun)	06:15	06:36	100	12:33	73S	18:31	260	18:52
2025	Feb	24	(Mon)	06:14	06:36	99	12:33	73S	18:31	261	18:52
2025	Feb	25	(Tue)	06:14	06:35	99	12:33	73S	18:31	261	18:52
2025	Feb	26	(Wed)	06:14	06:35	99	12:33	74S	18:31	262	18:52
2025	Feb	27	(Thu)	06:13	06:34	98	12:33	74S	18:31	262	18:52
2025	Feb	28	(Fri)	06:13	06:34	98	12:33	74S	18:31	262	18:52
2025	Mar	01	(Sat)	06:13	06:34	98	12:32	75S	18:31	263	18:52
2025	Mar	02	(Sun)	06:12	06:33	97	12:32	75S	18:31	263	18:52
2025	Mar	03	(Mon)	06:12	06:33	97	12:32	76S	18:31	263	18:52
2025	Mar	04	(Tue)	06:11	06:32	96	12:32	76S	18:31	264	18:52
2025	Mar	05	(Wed)	06:11	06:32	96	12:32	76S	18:31	264	18:52
2025	Mar	06	(Thu)	06:10	06:31	96	12:31	77S	18:31	265	18:52
2025	Mar	07	(Fri)	06:10	06:31	95	12:31	77S	18:31	265	18:52
2025	Mar	08	(Sat)	06:10	06:30	95	12:31	77S	18:31	265	18:52
2025	Mar	09	(Sun)	06:09	06:30	94	12:31	78S	18:31	266	18:52
2025	Mar	10	(Mon)	06:09	06:30	94	12:30	78S	18:31	266	18:52
2025	Mar	11	(Tue)	06:08	06:29	94	12:30	79S	18:31	267	18:52
2025	Mar	12	(Wed)	06:08	06:29	93	12:30	79S	18:31	267	18:52
2025	Mar	13	(Thu)	06:07	06:28	93	12:30	79S	18:31	267	18:52
2025	Mar	14	(Fri)	06:07	06:28	92	12:29	80S	18:31	268	18:52
2025	Mar	15	(Sat)	06:06	06:27	92	12:29	80S	18:31	268	18:52
2025	Mar	16	(Sun)	06:06	06:26	92	12:29	81S	18:31	269	18:52
2025	Mar	17	(Mon)	06:05	06:26	91	12:28	81S	18:31	269	18:52
2025	Mar	18	(Tue)	06:05	06:25	91	12:28	81S	18:31	269	18:52
2025	Mar	19	(Wed)	06:04	06:25	90	12:28	82S	18:31	270	18:52
2025	Mar	20	(Thu)	06:04	06:24	90	12:28	82S	18:31	270	18:52
2025	Mar	21	(Fri)	06:03	06:24	90	12:27	83S	18:31	271	18:52
2025	Mar	22	(Sat)	06:02	06:23	89	12:27	83S	18:31	271	18:52
2025	Mar	23	(Sun)	06:02	06:23	89	12:27	83S	18:31	271	18:52
2025	Mar	24	(Mon)	06:01	06:22	88	12:26	84S	18:31	272	18:52
2025	Mar	25	(Tue)	06:01	06:22	88	12:26	84S	18:31	272	18:51
2025	Mar	26	(Wed)	06:00	06:21	88	12:26	85S	18:31	273	18:51
2025	Mar	27	(Thu)	06:00	06:21	87	12:25	85S	18:30	273	18:51
2025	Mar	28	(Fri)	05:59	06:20	87	12:25	85S	18:30	273	18:51
2025	Mar	29	(Sat)	05:59	06:20	86	12:25	86S	18:30	274	18:51
2025	Mar	30	(Sun)	05:58	06:19	86	12:25	86S	18:30	274	18:51
2025	Mar	31	(Mon)	05:58	06:19	86	12:24	87S	18:30	275	18:51
2025	Apr	01	(Tue)	05:57	06:18	85	12:24	87S	18:30	275	18:51
2025	Apr	02	(Wed)	05:56	06:17	85	12:24	87S	18:30	275	18:51
2025	Apr	03	(Thu)	05:56	06:17	85	12:23	88S	18:30	276	18:51
2025	Apr	04	(Fri)	05:55	06:16	84	12:23	88S	18:30	276	18:51
2025	Apr	05	(Sat)	05:55	06:16	84	12:23	88S	18:30	276	18:51
2025	Apr	06	(Sun)	05:54	06:15	83	12:23	89S	18:30	277	18:51
2025	Apr	07	(Mon)	05:54	06:15	83	12:22	89S	18:30	277	18:51
2025	Apr	08	(Tue)	05:53	06:14	83	12:22	90S	18:30	278	18:51
2025	Apr	09	(Wed)	05:53	06:14	82	12:22	90S	18:30	278	18:51
2025	Apr	10	(Thu)	05:52	06:13	82	12:21	90S	18:30	278	18:51
2025	Apr	11	(Fri)	05:52	06:13	81	12:21	91S	18:30	279	18:51
2025	Apr	12	(Sat)	05:51	06:12	81	12:21	90N	18:30	279	18:51
2025	Apr	13	(Sun)	05:51	06:12	81	12:21	90N	18:30	279	18:51
2025	Apr	14	(Mon)	05:50	06:11	80	12:20	90N	18:29	280	18:51
2025	Apr	15	(Tue)	05:50	06:11	80	12:20	89N	18:29	280	18:51
2025	Apr	16	(Wed)	05:49	06:11	80	12:20	89N	18:29	281	18:51
2025	Apr	17	(Thu)	05:49	06:10	79	12:20	89N	18:29	281	18:51
2025	Apr	18	(Fri)	05:48	06:10	79	12:19	88N	18:29	281	18:51
2025	Apr	19	(Sat)	05:48	06:09	79	12:19	88N	18:29	282	18:51
2025	Apr	20	(Sun)	05:47	06:09	78	12:19	88N	18:29	282	18:51
2025	Apr	21	(Mon)	05:47	06:08	78	12:19	87N	18:29	282	18:51
2025	Apr	22	(Tue)	05:46	06:08	78	12:19	87N	18:29	283	18:51
2025	Apr	23	(Wed)	05:46	06:08	77	12:18	87N	18:29	283	18:51
2025	Apr	24	(Thu)	05:46	06:07	77	12:18	86N	18:30	283	18:51

2025	Apr	25	(Fri)	05:45	06:07	77	12:18	86N	18:30	284	18:51
2025	Apr	26	(Sat)	05:45	06:06	76	12:18	86N	18:30	284	18:51
2025	Apr	27	(Sun)	05:44	06:06	76	12:18	85N	18:30	284	18:51
2025	Apr	28	(Mon)	05:44	06:06	76	12:18	85N	18:30	285	18:51
2025	Apr	29	(Tue)	05:44	06:05	75	12:17	85N	18:30	285	18:51
2025	Apr	30	(Wed)	05:43	06:05	75	12:17	84N	18:30	285	18:52
2025	May	01	(Thu)	05:43	06:05	75	12:17	84N	18:30	286	18:52
2025	May	02	(Fri)	05:43	06:04	74	12:17	84N	18:30	286	18:52
2025	May	03	(Sat)	05:42	06:04	74	12:17	83N	18:30	286	18:52
2025	May	04	(Sun)	05:42	06:04	74	12:17	83N	18:30	286	18:52
2025	May	05	(Mon)	05:42	06:03	73	12:17	83N	18:30	287	18:52
2025	May	06	(Tue)	05:41	06:03	73	12:17	83N	18:30	287	18:52
2025	May	07	(Wed)	05:41	06:03	73	12:17	82N	18:31	287	18:52
2025	May	08	(Thu)	05:41	06:03	73	12:17	82N	18:31	288	18:53
2025	May	09	(Fri)	05:40	06:02	72	12:17	82N	18:31	288	18:53
2025	May	10	(Sat)	05:40	06:02	72	12:17	81N	18:31	288	18:53
2025	May	11	(Sun)	05:40	06:02	72	12:17	81N	18:31	288	18:53
2025	May	12	(Mon)	05:40	06:02	72	12:16	81N	18:31	289	18:53
2025	May	13	(Tue)	05:40	06:02	71	12:16	81N	18:31	289	18:54
2025	May	14	(Wed)	05:39	06:01	71	12:16	80N	18:32	289	18:54
2025	May	15	(Thu)	05:39	06:01	71	12:16	80N	18:32	289	18:54
2025	May	16	(Fri)	05:39	06:01	71	12:16	80N	18:32	290	18:54
2025	May	17	(Sat)	05:39	06:01	70	12:17	80N	18:32	290	18:54
2025	May	18	(Sun)	05:39	06:01	70	12:17	80N	18:32	290	18:55
2025	May	19	(Mon)	05:38	06:01	70	12:17	79N	18:32	290	18:55
2025	May	20	(Tue)	05:38	06:01	70	12:17	79N	18:33	290	18:55
2025	May	21	(Wed)	05:38	06:01	69	12:17	79N	18:33	291	18:55
2025	May	22	(Thu)	05:38	06:01	69	12:17	79N	18:33	291	18:56
2025	May	23	(Fri)	05:38	06:01	69	12:17	79N	18:33	291	18:56
2025	May	24	(Sat)	05:38	06:00	69	12:17	78N	18:34	291	18:56
2025	May	25	(Sun)	05:38	06:00	69	12:17	78N	18:34	291	18:56
2025	May	26	(Mon)	05:38	06:00	68	12:17	78N	18:34	292	18:57
2025	May	27	(Tue)	05:38	06:00	68	12:17	78N	18:34	292	18:57
2025	May	28	(Wed)	05:38	06:00	68	12:17	78N	18:34	292	18:57
2025	May	29	(Thu)	05:38	06:00	68	12:18	77N	18:35	292	18:57
2025	May	30	(Fri)	05:38	06:00	68	12:18	77N	18:35	292	18:58
2025	May	31	(Sat)	05:38	06:01	68	12:18	77N	18:35	292	18:58
2025	Jun	01	(Sun)	05:38	06:01	68	12:18	77N	18:35	293	18:58
2025	Jun	02	(Mon)	05:38	06:01	67	12:18	77N	18:36	293	18:58
2025	Jun	03	(Tue)	05:38	06:01	67	12:18	77N	18:36	293	18:59
2025	Jun	04	(Wed)	05:38	06:01	67	12:18	77N	18:36	293	18:59
2025	Jun	05	(Thu)	05:38	06:01	67	12:19	77N	18:36	293	18:59
2025	Jun	06	(Fri)	05:38	06:01	67	12:19	76N	18:37	293	19:00
2025	Jun	07	(Sat)	05:38	06:01	67	12:19	76N	18:37	293	19:00
2025	Jun	08	(Sun)	05:38	06:01	67	12:19	76N	18:37	293	19:00
2025	Jun	09	(Mon)	05:38	06:01	67	12:19	76N	18:38	293	19:00
2025	Jun	10	(Tue)	05:39	06:01	67	12:20	76N	18:38	293	19:01
2025	Jun	11	(Wed)	05:39	06:02	67	12:20	76N	18:38	294	19:01
2025	Jun	12	(Thu)	05:39	06:02	66	12:20	76N	18:38	294	19:01
2025	Jun	13	(Fri)	05:39	06:02	66	12:20	76N	18:39	294	19:01
2025	Jun	14	(Sat)	05:39	06:02	66	12:20	76N	18:39	294	19:02
2025	Jun	15	(Sun)	05:39	06:02	66	12:21	76N	18:39	294	19:02
2025	Jun	16	(Mon)	05:40	06:02	66	12:21	76N	18:39	294	19:02
2025	Jun	17	(Tue)	05:40	06:03	66	12:21	76N	18:39	294	19:02
2025	Jun	18	(Wed)	05:40	06:03	66	12:21	76N	18:40	294	19:03
2025	Jun	19	(Thu)	05:40	06:03	66	12:22	76N	18:40	294	19:03
2025	Jun	20	(Fri)	05:40	06:03	66	12:22	76N	18:40	294	19:03
2025	Jun	21	(Sat)	05:41	06:03	66	12:22	76N	18:40	294	19:03
2025	Jun	22	(Sun)	05:41	06:04	66	12:22	76N	18:41	294	19:04
2025	Jun	23	(Mon)	05:41	06:04	66	12:22	76N	18:41	294	19:04
2025	Jun	24	(Tue)	05:41	06:04	66	12:23	76N	18:41	294	19:04
2025	Jun	25	(Wed)	05:41	06:04	66	12:23	76N	18:41	294	19:04
2025	Jun	26	(Thu)	05:42	06:05	66	12:23	76N	18:41	294	19:04
2025	Jun	27	(Fri)	05:42	06:05	66	12:23	76N	18:42	294	19:05
2025	Jun	28	(Sat)	05:42	06:05	66	12:23	76N	18:42	294	19:05
2025	Jun	29	(Sun)	05:42	06:05	66	12:24	76N	18:42	294	19:05
2025	Jun	30	(Mon)	05:43	06:06	66	12:24	76N	18:42	294	19:05
2025	Jul	01	(Tue)	05:43	06:06	66	12:24	76N	18:42	293	19:05
2025	Jul	02	(Wed)	05:43	06:06	67	12:24	76N	18:42	293	19:05
2025	Jul	03	(Thu)	05:43	06:06	67	12:24	76N	18:42	293	19:05
2025	Jul	04	(Fri)	05:44	06:07	67	12:25	76N	18:43	293	19:05
2025	Jul	05	(Sat)	05:44	06:07	67	12:25	76N	18:43	293	19:06

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

2025	Sep	16	(Tue)	05:49	06:10	87	12:15	85S	18:20	273	18:41
2025	Sep	17	(Wed)	05:49	06:10	88	12:15	84S	18:19	272	18:40
2025	Sep	18	(Thu)	05:49	06:10	88	12:14	84S	18:19	272	18:39
2025	Sep	19	(Fri)	05:49	06:10	88	12:14	84S	18:18	271	18:39
2025	Sep	20	(Sat)	05:49	06:10	89	12:14	83S	18:17	271	18:38
2025	Sep	21	(Sun)	05:49	06:10	89	12:13	83S	18:17	271	18:38
2025	Sep	22	(Mon)	05:49	06:09	90	12:13	82S	18:16	270	18:37
2025	Sep	23	(Tue)	05:48	06:09	90	12:13	82S	18:16	270	18:37
2025	Sep	24	(Wed)	05:48	06:09	90	12:12	82S	18:15	269	18:36
2025	Sep	25	(Thu)	05:48	06:09	91	12:12	81S	18:14	269	18:35
2025	Sep	26	(Fri)	05:48	06:09	91	12:11	81S	18:14	269	18:35
2025	Sep	27	(Sat)	05:48	06:09	92	12:11	81S	18:13	268	18:34
2025	Sep	28	(Sun)	05:48	06:09	92	12:11	80S	18:13	268	18:34
2025	Sep	29	(Mon)	05:48	06:09	92	12:10	80S	18:12	267	18:33
2025	Sep	30	(Tue)	05:48	06:09	93	12:10	79S	18:12	267	18:33
2025	Oct	01	(Wed)	05:48	06:08	93	12:10	79S	18:11	267	18:32
2025	Oct	02	(Thu)	05:47	06:08	93	12:10	79S	18:11	266	18:31
2025	Oct	03	(Fri)	05:47	06:08	94	12:09	78S	18:10	266	18:31
2025	Oct	04	(Sat)	05:47	06:08	94	12:09	78S	18:09	266	18:30
2025	Oct	05	(Sun)	05:47	06:08	95	12:09	77S	18:09	265	18:30
2025	Oct	06	(Mon)	05:47	06:08	95	12:08	77S	18:08	265	18:29
2025	Oct	07	(Tue)	05:47	06:08	95	12:08	77S	18:08	264	18:29
2025	Oct	08	(Wed)	05:47	06:08	96	12:08	76S	18:07	264	18:28
2025	Oct	09	(Thu)	05:47	06:08	96	12:07	76S	18:07	264	18:28
2025	Oct	10	(Fri)	05:47	06:08	97	12:07	76S	18:06	263	18:27
2025	Oct	11	(Sat)	05:47	06:08	97	12:07	75S	18:06	263	18:27
2025	Oct	12	(Sun)	05:47	06:08	97	12:07	75S	18:05	262	18:26
2025	Oct	13	(Mon)	05:47	06:08	98	12:06	74S	18:05	262	18:26
2025	Oct	14	(Tue)	05:47	06:08	98	12:06	74S	18:05	262	18:26
2025	Oct	15	(Wed)	05:47	06:08	98	12:06	74S	18:04	261	18:25
2025	Oct	16	(Thu)	05:47	06:08	99	12:06	73S	18:04	261	18:25
2025	Oct	17	(Fri)	05:47	06:08	99	12:06	73S	18:03	261	18:24
2025	Oct	18	(Sat)	05:47	06:08	100	12:05	73S	18:03	260	18:24
2025	Oct	19	(Sun)	05:47	06:08	100	12:05	72S	18:02	260	18:24
2025	Oct	20	(Mon)	05:47	06:08	100	12:05	72S	18:02	259	18:23
2025	Oct	21	(Tue)	05:47	06:08	101	12:05	71S	18:02	259	18:23
2025	Oct	22	(Wed)	05:47	06:08	101	12:05	71S	18:01	259	18:23
2025	Oct	23	(Thu)	05:47	06:08	101	12:04	71S	18:01	258	18:22
2025	Oct	24	(Fri)	05:47	06:08	102	12:04	70S	18:01	258	18:22
2025	Oct	25	(Sat)	05:47	06:08	102	12:04	70S	18:00	258	18:22
2025	Oct	26	(Sun)	05:47	06:08	102	12:04	70S	18:00	257	18:21
2025	Oct	27	(Mon)	05:47	06:08	103	12:04	69S	18:00	257	18:21
2025	Oct	28	(Tue)	05:47	06:08	103	12:04	69S	17:59	257	18:21
2025	Oct	29	(Wed)	05:47	06:09	103	12:04	69S	17:59	256	18:21
2025	Oct	30	(Thu)	05:47	06:09	104	12:04	68S	17:59	256	18:20
2025	Oct	31	(Fri)	05:47	06:09	104	12:04	68S	17:59	256	18:20
2025	Nov	01	(Sat)	05:47	06:09	104	12:04	68S	17:58	255	18:20
2025	Nov	02	(Sun)	05:48	06:09	105	12:04	67S	17:58	255	18:20
2025	Nov	03	(Mon)	05:48	06:09	105	12:04	67S	17:58	255	18:20
2025	Nov	04	(Tue)	05:48	06:10	105	12:04	67S	17:58	254	18:19
2025	Nov	05	(Wed)	05:48	06:10	106	12:04	67S	17:58	254	18:19
2025	Nov	06	(Thu)	05:48	06:10	106	12:04	66S	17:57	254	18:19
2025	Nov	07	(Fri)	05:48	06:10	106	12:04	66S	17:57	254	18:19
2025	Nov	08	(Sat)	05:49	06:10	107	12:04	66S	17:57	253	18:19
2025	Nov	09	(Sun)	05:49	06:11	107	12:04	65S	17:57	253	18:19
2025	Nov	10	(Mon)	05:49	06:11	107	12:04	65S	17:57	253	18:19
2025	Nov	11	(Tue)	05:49	06:11	107	12:04	65S	17:57	252	18:19
2025	Nov	12	(Wed)	05:50	06:12	108	12:04	65S	17:57	252	18:19
2025	Nov	13	(Thu)	05:50	06:12	108	12:04	64S	17:57	252	18:19
2025	Nov	14	(Fri)	05:50	06:12	108	12:05	64S	17:57	252	18:19
2025	Nov	15	(Sat)	05:51	06:12	109	12:05	64S	17:57	251	18:19
2025	Nov	16	(Sun)	05:51	06:13	109	12:05	63S	17:57	251	18:19
2025	Nov	17	(Mon)	05:51	06:13	109	12:05	63S	17:57	251	18:19
2025	Nov	18	(Tue)	05:51	06:14	109	12:05	63S	17:57	251	18:19
2025	Nov	19	(Wed)	05:52	06:14	110	12:06	63S	17:57	250	18:19
2025	Nov	20	(Thu)	05:52	06:14	110	12:06	63S	17:57	250	18:19
2025	Nov	21	(Fri)	05:52	06:15	110	12:06	62S	17:57	250	18:19
2025	Nov	22	(Sat)	05:53	06:15	110	12:06	62S	17:57	250	18:20
2025	Nov	23	(Sun)	05:53	06:15	110	12:07	62S	17:58	249	18:20
2025	Nov	24	(Mon)	05:54	06:16	111	12:07	62S	17:58	249	18:20
2025	Nov	25	(Tue)	05:54	06:16	111	12:07	61S	17:58	249	18:20
2025	Nov	26	(Wed)	05:54	06:17	111	12:07	61S	17:58	249	18:20

2025	Nov	27	(Thu)	05:55	06:17	111	12:08	61S	17:58	249	18:21
2025	Nov	28	(Fri)	05:55	06:18	111	12:08	61S	17:58	248	18:21
2025	Nov	29	(Sat)	05:56	06:18	112	12:08	61S	17:59	248	18:21
2025	Nov	30	(Sun)	05:56	06:19	112	12:09	61S	17:59	248	18:21
2025	Dec	01	(Mon)	05:57	06:19	112	12:09	60S	17:59	248	18:22
2025	Dec	02	(Tue)	05:57	06:19	112	12:10	60S	18:00	248	18:22
2025	Dec	03	(Wed)	05:57	06:20	112	12:10	60S	18:00	248	18:22
2025	Dec	04	(Thu)	05:58	06:20	112	12:10	60S	18:00	248	18:23
2025	Dec	05	(Fri)	05:58	06:21	112	12:11	60S	18:00	247	18:23
2025	Dec	06	(Sat)	05:59	06:21	113	12:11	60S	18:01	247	18:23
2025	Dec	07	(Sun)	05:59	06:22	113	12:12	60S	18:01	247	18:24
2025	Dec	08	(Mon)	06:00	06:22	113	12:12	60S	18:01	247	18:24
2025	Dec	09	(Tue)	06:00	06:23	113	12:12	59S	18:02	247	18:25
2025	Dec	10	(Wed)	06:01	06:23	113	12:13	59S	18:02	247	18:25
2025	Dec	11	(Thu)	06:01	06:24	113	12:13	59S	18:03	247	18:25
2025	Dec	12	(Fri)	06:02	06:25	113	12:14	59S	18:03	247	18:26
2025	Dec	13	(Sat)	06:02	06:25	113	12:14	59S	18:04	247	18:26
2025	Dec	14	(Sun)	06:03	06:26	113	12:15	59S	18:04	247	18:27
2025	Dec	15	(Mon)	06:03	06:26	113	12:15	59S	18:04	247	18:27
2025	Dec	16	(Tue)	06:04	06:27	113	12:16	59S	18:05	247	18:28
2025	Dec	17	(Wed)	06:04	06:27	113	12:16	59S	18:05	246	18:28
2025	Dec	18	(Thu)	06:05	06:28	114	12:17	59S	18:06	246	18:29
2025	Dec	19	(Fri)	06:05	06:28	114	12:17	59S	18:06	246	18:29
2025	Dec	20	(Sat)	06:06	06:29	114	12:18	59S	18:07	246	18:29
2025	Dec	21	(Sun)	06:06	06:29	114	12:18	59S	18:07	246	18:30
2025	Dec	22	(Mon)	06:07	06:30	114	12:19	59S	18:08	246	18:30
2025	Dec	23	(Tue)	06:07	06:30	114	12:19	59S	18:08	246	18:31
2025	Dec	24	(Wed)	06:08	06:31	114	12:20	59S	18:09	246	18:31
2025	Dec	25	(Thu)	06:08	06:31	114	12:20	59S	18:09	246	18:32
2025	Dec	26	(Fri)	06:09	06:32	114	12:21	59S	18:10	247	18:33
2025	Dec	27	(Sat)	06:09	06:32	113	12:21	59S	18:10	247	18:33
2025	Dec	28	(Sun)	06:10	06:32	113	12:22	59S	18:11	247	18:34
2025	Dec	29	(Mon)	06:10	06:33	113	12:22	59S	18:11	247	18:34
2025	Dec	30	(Tue)	06:11	06:33	113	12:23	59S	18:12	247	18:35
2025	Dec	31	(Wed)	06:11	06:34	113	12:23	59S	18:12	247	18:35

Moon

NakhonSiThammarat
Location: E 99°57'57.5", N 8°26'02.3", 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)	07:42	116		13:38	57S		19:36	246	
2025 Jan 02 (Thu)	08:34	112		14:33	61S		20:33	250	
2025 Jan 03 (Fri)	09:23	107		15:24	66S		21:27	256	
2025 Jan 04 (Sat)	10:09	101		16:13	73S		22:20	262	
2025 Jan 05 (Sun)	10:52	94		17:01	80S		23:11	269	
2025 Jan 06 (Mon)	11:35	87		17:48	87S				
2025 Jan 07 (Tue)	12:19	80		18:36	88N		00:03	276	
2025 Jan 08 (Wed)	13:05	74		19:27	82N		00:56	283	
2025 Jan 09 (Thu)	13:54	69		20:21	76N		01:51	289	
2025 Jan 10 (Fri)	14:48	64		21:19	73N		02:50	294	
2025 Jan 11 (Sat)	15:47	62		22:20	71N		03:52	297	
2025 Jan 12 (Sun)	16:48	61		23:22	71N		04:54	299	
2025 Jan 13 (Mon)	17:49	63					05:55	298	
2025 Jan 14 (Tue)	18:48	66		00:21	72N		06:52	296	
2025 Jan 15 (Wed)	19:42	70		01:16	76N		07:43	292	
2025 Jan 16 (Thu)	20:32	75		02:06	81N		08:28	287	
2025 Jan 17 (Fri)	21:19	81		02:52	86N		09:10	282	
2025 Jan 18 (Sat)	22:04	87		03:35	90S		09:48	276	
2025 Jan 19 (Sun)	22:46	93		04:15	84S		10:24	270	
2025 Jan 20 (Mon)	23:29	99		04:54	78S		11:00	264	
2025 Jan 21 (Tue)				05:34	72S		11:36	258	
2025 Jan 22 (Wed)	00:13	104		06:15	67S		12:14	253	
2025 Jan 23 (Thu)	00:59	109		06:58	62S		12:55	249	
2025 Jan 24 (Fri)	01:48	113		07:45	58S		13:40	245	
2025 Jan 25 (Sat)	02:41	117		08:36	55S		14:30	242	

2025	Jan	26	(Sun)	03:36	119	09:30	53S	15:25	241
2025	Jan	27	(Mon)	04:33	119	10:27	53S	16:22	242
2025	Jan	28	(Tue)	05:29	117	11:25	55S	17:22	244
2025	Jan	29	(Wed)	06:24	114	12:22	59S	18:21	248
2025	Jan	30	(Thu)	07:15	109	13:16	64S	19:18	253
2025	Jan	31	(Fri)	08:03	103	14:07	70S	20:13	260
2025	Feb	01	(Sat)	08:49	97	14:56	77S	21:06	267
2025	Feb	02	(Sun)	09:33	89	15:45	84S	21:59	274
2025	Feb	03	(Mon)	10:17	82	16:33	90N	22:52	281
2025	Feb	04	(Tue)	11:03	76	17:24	83N	23:47	287
2025	Feb	05	(Wed)	11:51	70	18:17	78N		
2025	Feb	06	(Thu)	12:43	65	19:13	73N	00:45	293
2025	Feb	07	(Fri)	13:40	62	20:12	71N	01:45	297
2025	Feb	08	(Sat)	14:39	61	21:12	70N	02:46	299
2025	Feb	09	(Sun)	15:39	62	22:11	71N	03:46	299
2025	Feb	10	(Mon)	16:37	64	23:07	74N	04:43	297
2025	Feb	11	(Tue)	17:32	68	23:58	79N	05:35	294
2025	Feb	12	(Wed)	18:24	73			06:22	289
2025	Feb	13	(Thu)	19:12	79	00:45	84N	07:05	284
2025	Feb	14	(Fri)	19:57	85	01:29	89N	07:44	278
2025	Feb	15	(Sat)	20:41	91	02:10	86S	08:21	272
2025	Feb	16	(Sun)	21:24	97	02:50	80S	08:57	266
2025	Feb	17	(Mon)	22:07	102	03:29	74S	09:33	261
2025	Feb	18	(Tue)	22:52	107	04:10	68S	10:10	255
2025	Feb	19	(Wed)	23:40	112	04:52	63S	10:50	250
2025	Feb	20	(Thu)			05:37	59S	11:33	246
2025	Feb	21	(Fri)	00:30	116	06:25	56S	12:20	243
2025	Feb	22	(Sat)	01:23	118	07:17	54S	13:11	241
2025	Feb	23	(Sun)	02:18	119	08:12	53S	14:07	241
2025	Feb	24	(Mon)	03:14	118	09:09	54S	15:05	243
2025	Feb	25	(Tue)	04:09	116	10:06	57S	16:04	246
2025	Feb	26	(Wed)	05:02	112	11:01	61S	17:02	251
2025	Feb	27	(Thu)	05:52	106	11:54	67S	17:58	257
2025	Feb	28	(Fri)	06:39	100	12:45	74S	18:53	264
2025	Mar	01	(Sat)	07:25	93	13:35	81S	19:48	271
2025	Mar	02	(Sun)	08:11	85	14:25	89S	20:43	278
2025	Mar	03	(Mon)	08:57	78	15:17	86N	21:39	285
2025	Mar	04	(Tue)	09:46	72	16:11	79N	22:37	291
2025	Mar	05	(Wed)	10:39	66	17:08	75N	23:38	296
2025	Mar	06	(Thu)	11:35	63	18:07	71N		
2025	Mar	07	(Fri)	12:33	61	19:07	70N	00:40	298
2025	Mar	08	(Sat)	13:33	61	20:06	71N	01:41	299
2025	Mar	09	(Sun)	14:32	63	21:02	73N	02:39	298
2025	Mar	10	(Mon)	15:27	67	21:54	77N	03:31	295
2025	Mar	11	(Tue)	16:19	71	22:42	82N	04:19	291
2025	Mar	12	(Wed)	17:07	77	23:26	87N	05:03	286
2025	Mar	13	(Thu)	17:53	82			05:43	280
2025	Mar	14	(Fri)	18:37	88	00:07	88S	06:20	275
2025	Mar	15	(Sat)	19:20	94	00:47	82S	06:56	269
2025	Mar	16	(Sun)	20:03	100	01:27	76S	07:32	263
2025	Mar	17	(Mon)	20:47	106	02:07	70S	08:08	257
2025	Mar	18	(Tue)	21:34	110	02:48	65S	08:47	252
2025	Mar	19	(Wed)	22:23	114	03:32	61S	09:28	248
2025	Mar	20	(Thu)	23:14	117	04:19	57S	10:13	244
2025	Mar	21	(Fri)			05:09	54S	11:02	242
2025	Mar	22	(Sat)	00:08	119	06:01	53S	11:55	241
2025	Mar	23	(Sun)	01:02	119	06:56	53S	12:51	242
2025	Mar	24	(Mon)	01:56	117	07:52	55S	13:48	244
2025	Mar	25	(Tue)	02:49	114	08:46	59S	14:45	248
2025	Mar	26	(Wed)	03:39	109	09:39	64S	15:41	253
2025	Mar	27	(Thu)	04:27	103	10:30	70S	16:36	260
2025	Mar	28	(Fri)	05:13	97	11:21	77S	17:31	267
2025	Mar	29	(Sat)	05:59	89	12:11	85S	18:26	275
2025	Mar	30	(Sun)	06:46	82	13:03	89N	19:23	282
2025	Mar	31	(Mon)	07:35	75	13:58	82N	20:23	289
2025	Apr	01	(Tue)	08:28	69	14:55	76N	21:25	294
2025	Apr	02	(Wed)	09:24	64	15:56	72N	22:29	297
2025	Apr	03	(Thu)	10:24	62	16:58	70N	23:32	299
2025	Apr	04	(Fri)	11:26	61	18:00	70N		
2025	Apr	05	(Sat)	12:26	62	18:58	72N	00:33	298
2025	Apr	06	(Sun)	13:23	66	19:51	76N	01:28	296
2025	Apr	07	(Mon)	14:16	70	20:40	80N	02:18	292

2025 Apr 08 (Tue)	15:05 75	21:25 85N	03:02 288
2025 Apr 09 (Wed)	15:51 81	22:07 90S	03:43 282
2025 Apr 10 (Thu)	16:35 86	22:47 84S	04:20 277
2025 Apr 11 (Fri)	17:18 92	23:26 78S	04:56 271
2025 Apr 12 (Sat)	18:01 98		05:32 265
2025 Apr 13 (Sun)	18:45 104	00:05 72S	06:08 259
2025 Apr 14 (Mon)	19:30 109	00:46 67S	06:46 254
2025 Apr 15 (Tue)	20:18 113	01:29 62S	07:27 249
2025 Apr 16 (Wed)	21:09 116	02:15 58S	08:10 245
2025 Apr 17 (Thu)	22:01 118	03:04 55S	08:58 243
2025 Apr 18 (Fri)	22:55 119	03:55 53S	09:49 241
2025 Apr 19 (Sat)	23:48 118	04:49 53S	10:43 241
2025 Apr 20 (Sun)		05:43 54S	11:38 243
2025 Apr 21 (Mon)	00:40 116	06:36 57S	12:34 246
2025 Apr 22 (Tue)	01:30 112	07:28 62S	13:28 251
2025 Apr 23 (Wed)	02:17 106	08:18 67S	14:22 257
2025 Apr 24 (Thu)	03:02 100	09:07 74S	15:15 263
2025 Apr 25 (Fri)	03:47 93	09:57 81S	16:09 271
2025 Apr 26 (Sat)	04:32 86	10:47 89S	17:04 278
2025 Apr 27 (Sun)	05:20 78	11:40 86N	18:02 285
2025 Apr 28 (Mon)	06:11 72	12:37 79N	19:04 291
2025 Apr 29 (Tue)	07:07 66	13:37 74N	20:09 296
2025 Apr 30 (Wed)	08:08 63	14:41 71N	21:16 298
2025 May 01 (Thu)	09:11 61	15:46 70N	22:20 299
2025 May 02 (Fri)	10:15 62	16:48 71N	23:20 297
2025 May 03 (Sat)	11:15 64	17:45 74N	
2025 May 04 (Sun)	12:11 68	18:36 79N	00:13 294
2025 May 05 (Mon)	13:02 73	19:23 84N	01:00 289
2025 May 06 (Tue)	13:49 79	20:06 89N	01:42 284
2025 May 07 (Wed)	14:34 85	20:47 86S	02:21 278
2025 May 08 (Thu)	15:17 91	21:26 80S	02:57 272
2025 May 09 (Fri)	15:59 96	22:05 74S	03:33 266
2025 May 10 (Sat)	16:43 102	22:45 69S	04:09 261
2025 May 11 (Sun)	17:28 107	23:27 64S	04:46 255
2025 May 12 (Mon)	18:15 112		05:26 250
2025 May 13 (Tue)	19:05 115	00:12 59S	06:08 246
2025 May 14 (Wed)	19:57 118	01:00 56S	06:55 243
2025 May 15 (Thu)	20:51 119	01:51 54S	07:45 242
2025 May 16 (Fri)	21:44 118	02:44 53S	08:38 241
2025 May 17 (Sat)	22:36 116	03:38 54S	09:33 242
2025 May 18 (Sun)	23:25 113	04:31 56S	10:28 245
2025 May 19 (Mon)		05:23 60S	11:22 249
2025 May 20 (Tue)	00:12 108	06:12 65S	12:14 255
2025 May 21 (Wed)	00:56 102	07:00 71S	13:06 261
2025 May 22 (Thu)	01:40 96	07:47 78S	13:57 268
2025 May 23 (Fri)	02:23 89	08:35 85S	14:50 275
2025 May 24 (Sat)	03:08 82	09:25 89N	15:45 282
2025 May 25 (Sun)	03:56 75	10:19 82N	16:44 288
2025 May 26 (Mon)	04:49 69	11:17 77N	17:47 294
2025 May 27 (Tue)	05:47 64	12:19 73N	18:53 297
2025 May 28 (Wed)	06:50 62	13:25 71N	20:00 299
2025 May 29 (Thu)	07:56 61	14:30 71N	21:04 298
2025 May 30 (Fri)	08:59 63	15:31 73N	22:02 295
2025 May 31 (Sat)	09:59 67	16:27 77N	22:53 291
2025 Jun 01 (Sun)	10:54 71	17:17 82N	23:38 286
2025 Jun 02 (Mon)	11:44 77	18:02 88N	
2025 Jun 03 (Tue)	12:30 83	18:44 88S	00:19 280
2025 Jun 04 (Wed)	13:14 89	19:24 82S	00:57 274
2025 Jun 05 (Thu)	13:57 95	20:04 76S	01:33 268
2025 Jun 06 (Fri)	14:40 100	20:44 70S	02:09 262
2025 Jun 07 (Sat)	15:24 106	21:25 65S	02:45 257
2025 Jun 08 (Sun)	16:11 110	22:09 61S	03:24 252
2025 Jun 09 (Mon)	17:00 114	22:56 57S	04:06 248
2025 Jun 10 (Tue)	17:52 117	23:47 54S	04:51 244
2025 Jun 11 (Wed)	18:46 119		05:41 242
2025 Jun 12 (Thu)	19:40 119	00:40 53S	06:34 241
2025 Jun 13 (Fri)	20:33 117	01:34 54S	07:28 242
2025 Jun 14 (Sat)	21:23 114	02:28 56S	08:24 244
2025 Jun 15 (Sun)	22:10 109	03:20 59S	09:18 248
2025 Jun 16 (Mon)	22:55 104	04:10 64S	10:11 253
2025 Jun 17 (Tue)	23:38 98	04:57 70S	11:02 259
2025 Jun 18 (Wed)		05:44 76S	11:52 266

2025 Jun 19 (Thu)	00:20	91	06:30	83S	12:43	272
2025 Jun 20 (Fri)	01:02	84	07:17	90S	13:35	279
2025 Jun 21 (Sat)	01:48	77	08:08	85N	14:30	286
2025 Jun 22 (Sun)	02:37	71	09:02	79N	15:29	292
2025 Jun 23 (Mon)	03:31	66	10:01	74N	16:33	296
2025 Jun 24 (Tue)	04:31	63	11:04	71N	17:39	298
2025 Jun 25 (Wed)	05:35	61	12:10	70N	18:44	299
2025 Jun 26 (Thu)	06:40	62	13:13	72N	19:46	297
2025 Jun 27 (Fri)	07:43	65	14:13	75N	20:41	293
2025 Jun 28 (Sat)	08:41	69	15:06	80N	21:30	288
2025 Jun 29 (Sun)	09:34	75	15:55	85N	22:13	282
2025 Jun 30 (Mon)	10:23	80	16:39	90S	22:53	276
2025 Jul 01 (Tue)	11:09	87	17:20	84S	23:30	270
2025 Jul 02 (Wed)	11:52	93	18:00	78S		
2025 Jul 03 (Thu)	12:36	98	18:40	72S	00:07	264
2025 Jul 04 (Fri)	13:20	104	19:21	67S	00:43	259
2025 Jul 05 (Sat)	14:06	109	20:04	62S	01:21	254
2025 Jul 06 (Sun)	14:54	113	20:50	58S	02:02	249
2025 Jul 07 (Mon)	15:45	116	21:40	55S	02:46	245
2025 Jul 08 (Tue)	16:38	118	22:32	54S	03:34	243
2025 Jul 09 (Wed)	17:32	119	23:26	53S	04:26	241
2025 Jul 10 (Thu)	18:26	118			05:21	242
2025 Jul 11 (Fri)	19:18	115	00:21	55S	06:17	243
2025 Jul 12 (Sat)	20:07	111	01:15	58S	07:13	247
2025 Jul 13 (Sun)	20:53	106	02:06	62S	08:07	252
2025 Jul 14 (Mon)	21:37	99	02:55	68S	08:59	257
2025 Jul 15 (Tue)	22:19	93	03:42	74S	09:49	264
2025 Jul 16 (Wed)	23:01	86	04:28	81S	10:40	271
2025 Jul 17 (Thu)	23:45	79	05:15	88S	11:31	277
2025 Jul 18 (Fri)			06:03	87N	12:24	284
2025 Jul 19 (Sat)	00:32	73	06:55	81N	13:20	290
2025 Jul 20 (Sun)	01:23	68	07:51	76N	14:21	295
2025 Jul 21 (Mon)	02:19	64	08:51	72N	15:24	298
2025 Jul 22 (Tue)	03:20	62	09:54	70N	16:28	299
2025 Jul 23 (Wed)	04:23	61	10:57	71N	17:30	298
2025 Jul 24 (Thu)	05:26	63	11:58	73N	18:28	295
2025 Jul 25 (Fri)	06:26	67	12:54	77N	19:19	290
2025 Jul 26 (Sat)	07:22	72	13:45	83N	20:05	285
2025 Jul 27 (Sun)	08:13	78	14:31	89N	20:47	279
2025 Jul 28 (Mon)	09:00	84	15:14	87S	21:26	273
2025 Jul 29 (Tue)	09:46	90	15:55	80S	22:03	267
2025 Jul 30 (Wed)	10:30	96	16:36	74S	22:40	261
2025 Jul 31 (Thu)	11:14	102	17:16	69S	23:17	255
2025 Aug 01 (Fri)	11:59	107	17:59	64S	23:57	251
2025 Aug 02 (Sat)	12:46	112	18:44	59S		
2025 Aug 03 (Sun)	13:36	115	19:31	56S	00:40	246
2025 Aug 04 (Mon)	14:28	118	20:22	54S	01:26	243
2025 Aug 05 (Tue)	15:22	119	21:16	53S	02:16	242
2025 Aug 06 (Wed)	16:16	118	22:11	54S	03:10	241
2025 Aug 07 (Thu)	17:10	116	23:05	56S	04:06	242
2025 Aug 08 (Fri)	18:00	113	23:58	60S	05:02	245
2025 Aug 09 (Sat)	18:48	108			05:58	250
2025 Aug 10 (Sun)	19:34	102	00:49	66S	06:52	255
2025 Aug 11 (Mon)	20:17	95	01:38	72S	07:44	261
2025 Aug 12 (Tue)	21:00	88	02:25	79S	08:35	268
2025 Aug 13 (Wed)	21:44	81	03:12	86S	09:27	275
2025 Aug 14 (Thu)	22:30	75	04:01	89N	10:20	282
2025 Aug 15 (Fri)	23:19	69	04:52	82N	11:16	288
2025 Aug 16 (Sat)			05:46	77N	12:15	294
2025 Aug 17 (Sun)	00:13	65	06:44	73N	13:16	297
2025 Aug 18 (Mon)	01:12	62	07:45	71N	14:19	299
2025 Aug 19 (Tue)	02:13	61	08:47	70N	15:21	298
2025 Aug 20 (Wed)	03:15	62	09:48	72N	16:19	296
2025 Aug 21 (Thu)	04:15	65	10:44	76N	17:11	292
2025 Aug 22 (Fri)	05:11	70	11:36	80N	17:59	287
2025 Aug 23 (Sat)	06:04	75	12:24	86N	18:42	282
2025 Aug 24 (Sun)	06:52	81	13:08	89S	19:22	276
2025 Aug 25 (Mon)	07:39	88	13:50	83S	19:59	269
2025 Aug 26 (Tue)	08:23	94	14:31	77S	20:36	263
2025 Aug 27 (Wed)	09:08	100	15:11	71S	21:14	258
2025 Aug 28 (Thu)	09:53	105	15:53	66S	21:53	252
2025 Aug 29 (Fri)	10:39	110	16:37	61S	22:34	248

2025 Aug 30 (Sat)	11:28 114	17:24 57S	23:19 244
2025 Aug 31 (Sun)	12:18 117	18:13 55S	
2025 Sep 01 (Mon)	13:11 119	19:05 53S	00:07 242
2025 Sep 02 (Tue)	14:05 119	19:59 53S	00:58 241
2025 Sep 03 (Wed)	14:58 118	20:53 55S	01:53 242
2025 Sep 04 (Thu)	15:50 115	21:46 58S	02:49 244
2025 Sep 05 (Fri)	16:39 110	22:38 63S	03:44 247
2025 Sep 06 (Sat)	17:25 105	23:28 69S	04:39 252
2025 Sep 07 (Sun)	18:10 98		05:33 259
2025 Sep 08 (Mon)	18:54 91	00:17 76S	06:25 265
2025 Sep 09 (Tue)	19:39 84	01:05 83S	07:18 273
2025 Sep 10 (Wed)	20:25 77	01:54 90S	08:12 280
2025 Sep 11 (Thu)	21:15 71	02:46 84N	09:09 286
2025 Sep 12 (Fri)	22:08 66	03:40 78N	10:08 292
2025 Sep 13 (Sat)	23:06 62	04:38 74N	11:10 296
2025 Sep 14 (Sun)		05:39 71N	12:13 299
2025 Sep 15 (Mon)	00:07 61	06:41 70N	13:15 299
2025 Sep 16 (Tue)	01:09 62	07:42 71N	14:14 297
2025 Sep 17 (Wed)	02:09 64	08:39 74N	15:07 294
2025 Sep 18 (Thu)	03:05 68	09:31 79N	15:55 289
2025 Sep 19 (Fri)	03:58 73	10:20 84N	16:39 284
2025 Sep 20 (Sat)	04:47 79	11:04 90N	17:19 278
2025 Sep 21 (Sun)	05:34 85	11:46 85S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:27 79S	18:34 266
2025 Sep 23 (Tue)	07:03 97	13:08 73S	19:11 260
2025 Sep 24 (Wed)	07:47 103	13:49 68S	19:50 254
2025 Sep 25 (Thu)	08:33 108	14:32 63S	20:30 250
2025 Sep 26 (Fri)	09:21 113	15:18 59S	21:13 246
2025 Sep 27 (Sat)	10:11 116	16:06 55S	22:00 243
2025 Sep 28 (Sun)	11:02 118	16:56 54S	22:50 241
2025 Sep 29 (Mon)	11:55 119	17:48 53S	23:42 241
2025 Sep 30 (Tue)	12:47 118	18:41 54S	
2025 Oct 01 (Wed)	13:39 116	19:34 57S	00:36 243
2025 Oct 02 (Thu)	14:28 112	20:25 61S	01:31 246
2025 Oct 03 (Fri)	15:15 107	21:15 66S	02:25 250
2025 Oct 04 (Sat)	16:00 101	22:04 72S	03:18 255
2025 Oct 05 (Sun)	16:44 95	22:53 79S	04:11 262
2025 Oct 06 (Mon)	17:28 87	23:42 87S	05:03 269
2025 Oct 07 (Tue)	18:15 80		05:58 276
2025 Oct 08 (Wed)	19:04 73	00:33 88N	06:54 283
2025 Oct 09 (Thu)	19:58 68	01:28 81N	07:54 290
2025 Oct 10 (Fri)	20:56 64	02:27 76N	08:57 295
2025 Oct 11 (Sat)	21:58 61	03:29 72N	10:03 298
2025 Oct 12 (Sun)	23:02 61	04:33 70N	11:07 299
2025 Oct 13 (Mon)		05:36 71N	12:08 298
2025 Oct 14 (Tue)	00:03 63	06:35 73N	13:04 295
2025 Oct 15 (Wed)	01:01 67	07:29 77N	13:54 291
2025 Oct 16 (Thu)	01:55 72	08:18 82N	14:39 285
2025 Oct 17 (Fri)	02:45 77	09:03 88N	15:19 280
2025 Oct 18 (Sat)	03:31 83	09:45 87S	15:57 274
2025 Oct 19 (Sun)	04:16 89	10:26 81S	16:34 268
2025 Oct 20 (Mon)	05:00 95	11:06 75S	17:11 262
2025 Oct 21 (Tue)	05:44 101	11:47 70S	17:48 256
2025 Oct 22 (Wed)	06:29 106	12:29 64S	18:28 251
2025 Oct 23 (Thu)	07:16 111	13:14 60S	19:10 247
2025 Oct 24 (Fri)	08:05 115	14:01 57S	19:55 244
2025 Oct 25 (Sat)	08:56 117	14:50 54S	20:44 242
2025 Oct 26 (Sun)	09:48 119	15:42 53S	21:35 241
2025 Oct 27 (Mon)	10:40 119	16:34 54S	22:28 242
2025 Oct 28 (Tue)	11:31 117	17:26 56S	23:21 244
2025 Oct 29 (Wed)	12:20 114	18:16 59S	
2025 Oct 30 (Thu)	13:06 110	19:05 64S	00:14 248
2025 Oct 31 (Fri)	13:50 104	19:53 69S	01:06 253
2025 Nov 01 (Sat)	14:33 98	20:40 76S	01:57 259
2025 Nov 02 (Sun)	15:17 91	21:27 83S	02:48 265
2025 Nov 03 (Mon)	16:01 84	22:17 90S	03:40 272
2025 Nov 04 (Tue)	16:49 77	23:10 84N	04:35 280
2025 Nov 05 (Wed)	17:41 71		05:33 287
2025 Nov 06 (Thu)	18:39 65	00:07 78N	06:36 292
2025 Nov 07 (Fri)	19:41 62	01:10 74N	07:43 296
2025 Nov 08 (Sat)	20:47 61	02:15 71N	08:50 299
2025 Nov 09 (Sun)	21:52 63	03:22 71N	09:56 298

2025 Nov 10 (Mon)	22:54 66	04:25 72N	10:56 296
2025 Nov 11 (Tue)	23:50 70	05:22 76N	11:49 292
2025 Nov 12 (Wed)		06:14 81N	12:37 287
2025 Nov 13 (Thu)	00:42 76	07:01 86N	13:19 281
2025 Nov 14 (Fri)	01:29 82	07:45 89S	13:58 275
2025 Nov 15 (Sat)	02:15 88	08:26 83S	14:35 269
2025 Nov 16 (Sun)	02:58 94	09:06 77S	15:11 263
2025 Nov 17 (Mon)	03:42 99	09:46 71S	15:49 258
2025 Nov 18 (Tue)	04:27 105	10:28 66S	16:27 253
2025 Nov 19 (Wed)	05:13 110	11:11 61S	17:08 248
2025 Nov 20 (Thu)	06:01 114	11:58 58S	17:53 245
2025 Nov 21 (Fri)	06:52 117	12:46 55S	18:41 242
2025 Nov 22 (Sat)	07:44 118	13:37 54S	19:31 241
2025 Nov 23 (Sun)	08:36 119	14:30 54S	20:23 242
2025 Nov 24 (Mon)	09:27 117	15:21 55S	21:16 244
2025 Nov 25 (Tue)	10:16 115	16:12 58S	22:09 247
2025 Nov 26 (Wed)	11:02 111	17:00 62S	22:59 251
2025 Nov 27 (Thu)	11:46 106	17:47 67S	23:49 257
2025 Nov 28 (Fri)	12:28 100	18:32 73S	
2025 Nov 29 (Sat)	13:09 94	19:17 80S	00:38 263
2025 Nov 30 (Sun)	13:51 87	20:04 87S	01:28 269
2025 Dec 01 (Mon)	14:35 80	20:54 88N	02:19 276
2025 Dec 02 (Tue)	15:24 74	21:47 81N	03:14 283
2025 Dec 03 (Wed)	16:18 68	22:46 76N	04:13 289
2025 Dec 04 (Thu)	17:18 64	23:51 72N	05:17 294
2025 Dec 05 (Fri)	18:23 62		06:25 298
2025 Dec 06 (Sat)	19:31 62	00:58 71N	07:34 299
2025 Dec 07 (Sun)	20:37 64	02:05 71N	08:39 297
2025 Dec 08 (Mon)	21:38 68	03:08 74N	09:37 294
2025 Dec 09 (Tue)	22:33 74	04:04 79N	10:29 289
2025 Dec 10 (Wed)	23:24 80	04:55 84N	11:15 283
2025 Dec 11 (Thu)		05:41 90N	11:56 277
2025 Dec 12 (Fri)	00:11 86	06:24 85S	12:34 271
2025 Dec 13 (Sat)	00:56 92	07:05 79S	13:11 265
2025 Dec 14 (Sun)	01:40 98	07:45 73S	13:48 259
2025 Dec 15 (Mon)	02:24 103	08:26 68S	14:26 254
2025 Dec 16 (Tue)	03:10 108	09:09 63S	15:07 250
2025 Dec 17 (Wed)	03:57 113	09:54 59S	15:50 246
2025 Dec 18 (Thu)	04:47 116	10:42 56S	16:37 243
2025 Dec 19 (Fri)	05:39 118	11:33 54S	17:27 242
2025 Dec 20 (Sat)	06:31 119	12:25 54S	18:19 242
2025 Dec 21 (Sun)	07:23 118	13:17 55S	19:12 243
2025 Dec 22 (Mon)	08:13 116	14:09 57S	20:05 246
2025 Dec 23 (Tue)	09:00 112	14:58 61S	20:57 250
2025 Dec 24 (Wed)	09:45 107	15:45 66S	21:46 255
2025 Dec 25 (Thu)	10:26 102	16:30 72S	22:35 261
2025 Dec 26 (Fri)	11:07 96	17:14 78S	23:23 267
2025 Dec 27 (Sat)	11:48 89	17:59 84S	
2025 Dec 28 (Sun)	12:29 83	18:45 90N	00:12 274
2025 Dec 29 (Mon)	13:14 76	19:35 84N	01:03 281
2025 Dec 30 (Tue)	14:03 70	20:29 78N	01:58 287
2025 Dec 31 (Wed)	14:58 66	21:29 74N	02:57 292