

Sun

Songkhla

Location: E100°35'16.7", N 7°06'18.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit	Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m	°	h m	°	h m
2025	Jan	01 (Wed)	05:41	06:30	113	12:21	61S	18:13	247	19:02
2025	Jan	02 (Thu)	05:41	06:30	113	12:22	61S	18:13	247	19:02
2025	Jan	03 (Fri)	05:42	06:30	113	12:22	61S	18:14	247	19:03
2025	Jan	04 (Sat)	05:42	06:31	113	12:23	61S	18:14	247	19:03
2025	Jan	05 (Sun)	05:43	06:31	113	12:23	61S	18:15	247	19:03
2025	Jan	06 (Mon)	05:43	06:32	113	12:23	61S	18:15	247	19:04
2025	Jan	07 (Tue)	05:43	06:32	112	12:24	61S	18:16	248	19:04
2025	Jan	08 (Wed)	05:44	06:32	112	12:24	61S	18:16	248	19:05
2025	Jan	09 (Thu)	05:44	06:33	112	12:25	62S	18:17	248	19:05
2025	Jan	10 (Fri)	05:45	06:33	112	12:25	62S	18:17	248	19:06
2025	Jan	11 (Sat)	05:45	06:33	112	12:26	62S	18:18	248	19:06
2025	Jan	12 (Sun)	05:45	06:34	112	12:26	62S	18:18	248	19:07
2025	Jan	13 (Mon)	05:46	06:34	112	12:26	62S	18:19	249	19:07
2025	Jan	14 (Tue)	05:46	06:34	111	12:27	62S	18:19	249	19:07
2025	Jan	15 (Wed)	05:46	06:34	111	12:27	63S	18:20	249	19:08
2025	Jan	16 (Thu)	05:47	06:35	111	12:27	63S	18:20	249	19:08
2025	Jan	17 (Fri)	05:47	06:35	111	12:28	63S	18:21	249	19:09
2025	Jan	18 (Sat)	05:47	06:35	111	12:28	63S	18:21	250	19:09
2025	Jan	19 (Sun)	05:47	06:35	110	12:28	63S	18:21	250	19:09
2025	Jan	20 (Mon)	05:48	06:35	110	12:29	64S	18:22	250	19:10
2025	Jan	21 (Tue)	05:48	06:36	110	12:29	64S	18:22	250	19:10
2025	Jan	22 (Wed)	05:48	06:36	110	12:29	64S	18:23	250	19:10
2025	Jan	23 (Thu)	05:48	06:36	109	12:29	64S	18:23	251	19:11
2025	Jan	24 (Fri)	05:49	06:36	109	12:30	64S	18:23	251	19:11
2025	Jan	25 (Sat)	05:49	06:36	109	12:30	65S	18:24	251	19:11
2025	Jan	26 (Sun)	05:49	06:36	109	12:30	65S	18:24	251	19:11
2025	Jan	27 (Mon)	05:49	06:36	108	12:30	65S	18:24	252	19:12
2025	Jan	28 (Tue)	05:49	06:36	108	12:31	65S	18:25	252	19:12
2025	Jan	29 (Wed)	05:49	06:36	108	12:31	66S	18:25	252	19:12
2025	Jan	30 (Thu)	05:49	06:36	108	12:31	66S	18:25	252	19:13
2025	Jan	31 (Fri)	05:49	06:36	107	12:31	66S	18:26	253	19:13
2025	Feb	01 (Sat)	05:50	06:36	107	12:31	67S	18:26	253	19:13
2025	Feb	02 (Sun)	05:50	06:36	107	12:31	67S	18:26	253	19:13
2025	Feb	03 (Mon)	05:50	06:36	107	12:31	67S	18:27	254	19:13
2025	Feb	04 (Tue)	05:50	06:36	106	12:32	67S	18:27	254	19:14
2025	Feb	05 (Wed)	05:50	06:36	106	12:32	68S	18:27	254	19:14
2025	Feb	06 (Thu)	05:50	06:36	106	12:32	68S	18:27	255	19:14
2025	Feb	07 (Fri)	05:50	06:36	105	12:32	68S	18:28	255	19:14
2025	Feb	08 (Sat)	05:49	06:36	105	12:32	69S	18:28	255	19:14
2025	Feb	09 (Sun)	05:49	06:36	105	12:32	69S	18:28	255	19:14
2025	Feb	10 (Mon)	05:49	06:36	104	12:32	69S	18:28	256	19:14
2025	Feb	11 (Tue)	05:49	06:36	104	12:32	70S	18:28	256	19:14
2025	Feb	12 (Wed)	05:49	06:35	104	12:32	70S	18:28	256	19:15
2025	Feb	13 (Thu)	05:49	06:35	103	12:32	70S	18:29	257	19:15
2025	Feb	14 (Fri)	05:49	06:35	103	12:32	71S	18:29	257	19:15
2025	Feb	15 (Sat)	05:49	06:35	103	12:32	71S	18:29	258	19:15
2025	Feb	16 (Sun)	05:49	06:34	102	12:32	71S	18:29	258	19:15
2025	Feb	17 (Mon)	05:48	06:34	102	12:32	72S	18:29	258	19:15
2025	Feb	18 (Tue)	05:48	06:34	102	12:32	72S	18:29	259	19:15
2025	Feb	19 (Wed)	05:48	06:34	101	12:31	72S	18:29	259	19:15
2025	Feb	20 (Thu)	05:48	06:33	101	12:31	73S	18:29	259	19:15
2025	Feb	21 (Fri)	05:47	06:33	101	12:31	73S	18:29	260	19:15
2025	Feb	22 (Sat)	05:47	06:33	100	12:31	74S	18:29	260	19:15
2025	Feb	23 (Sun)	05:47	06:33	100	12:31	74S	18:29	260	19:15
2025	Feb	24 (Mon)	05:47	06:32	99	12:31	74S	18:30	261	19:15
2025	Feb	25 (Tue)	05:46	06:32	99	12:31	75S	18:30	261	19:15
2025	Feb	26 (Wed)	05:46	06:32	99	12:31	75S	18:30	262	19:15
2025	Feb	27 (Thu)	05:46	06:31	98	12:30	75S	18:30	262	19:15
2025	Feb	28 (Fri)	05:45	06:31	98	12:30	76S	18:30	262	19:15
2025	Mar	01 (Sat)	05:45	06:30	98	12:30	76S	18:30	263	19:15

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

2025	May	13	(Tue)	05:13	06:01	71	12:14	79N	18:27	289	19:15
2025	May	14	(Wed)	05:13	06:01	71	12:14	79N	18:27	289	19:15
2025	May	15	(Thu)	05:13	06:01	71	12:14	79N	18:27	289	19:15
2025	May	16	(Fri)	05:13	06:01	71	12:14	79N	18:28	289	19:16
2025	May	17	(Sat)	05:12	06:00	70	12:14	78N	18:28	290	19:16
2025	May	18	(Sun)	05:12	06:00	70	12:14	78N	18:28	290	19:16
2025	May	19	(Mon)	05:12	06:00	70	12:14	78N	18:28	290	19:16
2025	May	20	(Tue)	05:12	06:00	70	12:14	78N	18:28	290	19:17
2025	May	21	(Wed)	05:12	06:00	70	12:14	78N	18:28	291	19:17
2025	May	22	(Thu)	05:12	06:00	69	12:14	77N	18:29	291	19:17
2025	May	23	(Fri)	05:12	06:00	69	12:14	77N	18:29	291	19:17
2025	May	24	(Sat)	05:11	06:00	69	12:14	77N	18:29	291	19:18
2025	May	25	(Sun)	05:11	06:00	69	12:15	77N	18:29	291	19:18
2025	May	26	(Mon)	05:11	06:00	69	12:15	77N	18:29	292	19:18
2025	May	27	(Tue)	05:11	06:00	68	12:15	76N	18:30	292	19:18
2025	May	28	(Wed)	05:11	06:00	68	12:15	76N	18:30	292	19:19
2025	May	29	(Thu)	05:11	06:00	68	12:15	76N	18:30	292	19:19
2025	May	30	(Fri)	05:11	06:00	68	12:15	76N	18:30	292	19:19
2025	May	31	(Sat)	05:11	06:00	68	12:15	76N	18:31	292	19:20
2025	Jun	01	(Sun)	05:11	06:00	68	12:15	76N	18:31	292	19:20
2025	Jun	02	(Mon)	05:11	06:00	68	12:16	76N	18:31	293	19:20
2025	Jun	03	(Tue)	05:11	06:00	67	12:16	75N	18:31	293	19:20
2025	Jun	04	(Wed)	05:11	06:01	67	12:16	75N	18:31	293	19:21
2025	Jun	05	(Thu)	05:11	06:01	67	12:16	75N	18:32	293	19:21
2025	Jun	06	(Fri)	05:11	06:01	67	12:16	75N	18:32	293	19:21
2025	Jun	07	(Sat)	05:12	06:01	67	12:17	75N	18:32	293	19:22
2025	Jun	08	(Sun)	05:12	06:01	67	12:17	75N	18:32	293	19:22
2025	Jun	09	(Mon)	05:12	06:01	67	12:17	75N	18:33	293	19:22
2025	Jun	10	(Tue)	05:12	06:01	67	12:17	75N	18:33	293	19:22
2025	Jun	11	(Wed)	05:12	06:01	67	12:17	75N	18:33	293	19:23
2025	Jun	12	(Thu)	05:12	06:02	67	12:18	75N	18:33	293	19:23
2025	Jun	13	(Fri)	05:12	06:02	66	12:18	75N	18:34	294	19:23
2025	Jun	14	(Sat)	05:12	06:02	66	12:18	75N	18:34	294	19:23
2025	Jun	15	(Sun)	05:13	06:02	66	12:18	74N	18:34	294	19:24
2025	Jun	16	(Mon)	05:13	06:02	66	12:18	74N	18:34	294	19:24
2025	Jun	17	(Tue)	05:13	06:03	66	12:19	74N	18:35	294	19:24
2025	Jun	18	(Wed)	05:13	06:03	66	12:19	74N	18:35	294	19:24
2025	Jun	19	(Thu)	05:13	06:03	66	12:19	74N	18:35	294	19:25
2025	Jun	20	(Fri)	05:14	06:03	66	12:19	74N	18:35	294	19:25
2025	Jun	21	(Sat)	05:14	06:03	66	12:19	74N	18:36	294	19:25
2025	Jun	22	(Sun)	05:14	06:04	66	12:20	74N	18:36	294	19:25
2025	Jun	23	(Mon)	05:14	06:04	66	12:20	74N	18:36	294	19:26
2025	Jun	24	(Tue)	05:14	06:04	66	12:20	74N	18:36	294	19:26
2025	Jun	25	(Wed)	05:15	06:04	66	12:20	74N	18:36	294	19:26
2025	Jun	26	(Thu)	05:15	06:05	66	12:21	74N	18:37	294	19:26
2025	Jun	27	(Fri)	05:15	06:05	66	12:21	75N	18:37	294	19:26
2025	Jun	28	(Sat)	05:15	06:05	66	12:21	75N	18:37	294	19:26
2025	Jun	29	(Sun)	05:16	06:05	66	12:21	75N	18:37	294	19:27
2025	Jun	30	(Mon)	05:16	06:05	67	12:21	75N	18:37	293	19:27
2025	Jul	01	(Tue)	05:16	06:06	67	12:22	75N	18:37	293	19:27
2025	Jul	02	(Wed)	05:16	06:06	67	12:22	75N	18:38	293	19:27
2025	Jul	03	(Thu)	05:17	06:06	67	12:22	75N	18:38	293	19:27
2025	Jul	04	(Fri)	05:17	06:06	67	12:22	75N	18:38	293	19:27
2025	Jul	05	(Sat)	05:17	06:07	67	12:22	75N	18:38	293	19:27
2025	Jul	06	(Sun)	05:18	06:07	67	12:22	75N	18:38	293	19:27
2025	Jul	07	(Mon)	05:18	06:07	67	12:23	75N	18:38	293	19:27
2025	Jul	08	(Tue)	05:18	06:07	67	12:23	75N	18:38	293	19:27
2025	Jul	09	(Wed)	05:18	06:08	67	12:23	75N	18:38	293	19:27
2025	Jul	10	(Thu)	05:19	06:08	67	12:23	76N	18:38	292	19:27
2025	Jul	11	(Fri)	05:19	06:08	68	12:23	76N	18:38	292	19:27
2025	Jul	12	(Sat)	05:19	06:08	68	12:23	76N	18:38	292	19:27
2025	Jul	13	(Sun)	05:19	06:08	68	12:23	76N	18:38	292	19:27
2025	Jul	14	(Mon)	05:20	06:09	68	12:24	76N	18:38	292	19:27
2025	Jul	15	(Tue)	05:20	06:09	68	12:24	76N	18:38	292	19:27
2025	Jul	16	(Wed)	05:20	06:09	68	12:24	76N	18:38	292	19:27
2025	Jul	17	(Thu)	05:20	06:09	69	12:24	77N	18:38	291	19:27
2025	Jul	18	(Fri)	05:21	06:09	69	12:24	77N	18:38	291	19:27
2025	Jul	19	(Sat)	05:21	06:10	69	12:24	77N	18:38	291	19:27
2025	Jul	20	(Sun)	05:21	06:10	69	12:24	77N	18:38	291	19:27
2025	Jul	21	(Mon)	05:21	06:10	69	12:24	77N	18:38	291	19:27
2025	Jul	22	(Tue)	05:22	06:10	69	12:24	78N	18:38	290	19:27
2025	Jul	23	(Wed)	05:22	06:10	70	12:24	78N	18:38	290	19:26

2025	Jul	24	(Thu)	05:22	06:10	70	12:24	78N	18:38	290	19:26
2025	Jul	25	(Fri)	05:22	06:10	70	12:24	78N	18:38	290	19:26
2025	Jul	26	(Sat)	05:22	06:11	70	12:24	78N	18:38	290	19:26
2025	Jul	27	(Sun)	05:23	06:11	71	12:24	79N	18:38	289	19:26
2025	Jul	28	(Mon)	05:23	06:11	71	12:24	79N	18:37	289	19:25
2025	Jul	29	(Tue)	05:23	06:11	71	12:24	79N	18:37	289	19:25
2025	Jul	30	(Wed)	05:23	06:11	71	12:24	79N	18:37	289	19:25
2025	Jul	31	(Thu)	05:23	06:11	71	12:24	80N	18:37	288	19:25
2025	Aug	01	(Fri)	05:24	06:11	72	12:24	80N	18:37	288	19:24
2025	Aug	02	(Sat)	05:24	06:11	72	12:24	80N	18:37	288	19:24
2025	Aug	03	(Sun)	05:24	06:11	72	12:24	80N	18:36	288	19:24
2025	Aug	04	(Mon)	05:24	06:11	73	12:24	81N	18:36	287	19:23
2025	Aug	05	(Tue)	05:24	06:12	73	12:24	81N	18:36	287	19:23
2025	Aug	06	(Wed)	05:24	06:12	73	12:24	81N	18:36	287	19:23
2025	Aug	07	(Thu)	05:24	06:12	73	12:23	81N	18:35	287	19:22
2025	Aug	08	(Fri)	05:24	06:12	74	12:23	82N	18:35	286	19:22
2025	Aug	09	(Sat)	05:25	06:12	74	12:23	82N	18:35	286	19:22
2025	Aug	10	(Sun)	05:25	06:12	74	12:23	82N	18:34	286	19:21
2025	Aug	11	(Mon)	05:25	06:12	75	12:23	83N	18:34	285	19:21
2025	Aug	12	(Tue)	05:25	06:12	75	12:23	83N	18:34	285	19:20
2025	Aug	13	(Wed)	05:25	06:12	75	12:23	83N	18:33	285	19:20
2025	Aug	14	(Thu)	05:25	06:12	75	12:22	84N	18:33	284	19:20
2025	Aug	15	(Fri)	05:25	06:12	76	12:22	84N	18:33	284	19:19
2025	Aug	16	(Sat)	05:25	06:12	76	12:22	84N	18:32	284	19:19
2025	Aug	17	(Sun)	05:25	06:12	76	12:22	84N	18:32	283	19:18
2025	Aug	18	(Mon)	05:25	06:12	77	12:22	85N	18:31	283	19:18
2025	Aug	19	(Tue)	05:25	06:11	77	12:21	85N	18:31	283	19:17
2025	Aug	20	(Wed)	05:25	06:11	77	12:21	85N	18:31	282	19:17
2025	Aug	21	(Thu)	05:25	06:11	78	12:21	86N	18:30	282	19:16
2025	Aug	22	(Fri)	05:25	06:11	78	12:21	86N	18:30	282	19:16
2025	Aug	23	(Sat)	05:25	06:11	78	12:20	86N	18:29	281	19:15
2025	Aug	24	(Sun)	05:25	06:11	79	12:20	87N	18:29	281	19:15
2025	Aug	25	(Mon)	05:25	06:11	79	12:20	87N	18:28	281	19:14
2025	Aug	26	(Tue)	05:25	06:11	79	12:19	87N	18:28	280	19:14
2025	Aug	27	(Wed)	05:25	06:11	80	12:19	88N	18:27	280	19:13
2025	Aug	28	(Thu)	05:25	06:11	80	12:19	88N	18:27	280	19:13
2025	Aug	29	(Fri)	05:25	06:11	80	12:19	89N	18:27	279	19:12
2025	Aug	30	(Sat)	05:25	06:10	81	12:18	89N	18:26	279	19:12
2025	Aug	31	(Sun)	05:25	06:10	81	12:18	89N	18:26	279	19:11
2025	Sep	01	(Mon)	05:25	06:10	82	12:18	90N	18:25	278	19:11
2025	Sep	02	(Tue)	05:25	06:10	82	12:17	90N	18:25	278	19:10
2025	Sep	03	(Wed)	05:24	06:10	82	12:17	90N	18:24	278	19:09
2025	Sep	04	(Thu)	05:24	06:10	83	12:17	91S	18:23	277	19:09
2025	Sep	05	(Fri)	05:24	06:10	83	12:16	90S	18:23	277	19:08
2025	Sep	06	(Sat)	05:24	06:10	83	12:16	90S	18:22	276	19:08
2025	Sep	07	(Sun)	05:24	06:09	84	12:16	90S	18:22	276	19:07
2025	Sep	08	(Mon)	05:24	06:09	84	12:15	89S	18:21	276	19:07
2025	Sep	09	(Tue)	05:24	06:09	85	12:15	89S	18:21	275	19:06
2025	Sep	10	(Wed)	05:24	06:09	85	12:15	88S	18:20	275	19:06
2025	Sep	11	(Thu)	05:24	06:09	85	12:14	88S	18:20	274	19:05
2025	Sep	12	(Fri)	05:23	06:09	86	12:14	88S	18:19	274	19:04
2025	Sep	13	(Sat)	05:23	06:08	86	12:14	87S	18:19	274	19:04
2025	Sep	14	(Sun)	05:23	06:08	86	12:13	87S	18:18	273	19:03
2025	Sep	15	(Mon)	05:23	06:08	87	12:13	87S	18:18	273	19:03
2025	Sep	16	(Tue)	05:23	06:08	87	12:13	86S	18:17	273	19:02
2025	Sep	17	(Wed)	05:23	06:08	88	12:12	86S	18:16	272	19:02
2025	Sep	18	(Thu)	05:23	06:08	88	12:12	85S	18:16	272	19:01
2025	Sep	19	(Fri)	05:22	06:07	88	12:11	85S	18:15	271	19:00
2025	Sep	20	(Sat)	05:22	06:07	89	12:11	85S	18:15	271	19:00
2025	Sep	21	(Sun)	05:22	06:07	89	12:11	84S	18:14	271	18:59
2025	Sep	22	(Mon)	05:22	06:07	90	12:10	84S	18:14	270	18:59
2025	Sep	23	(Tue)	05:22	06:07	90	12:10	83S	18:13	270	18:58
2025	Sep	24	(Wed)	05:22	06:07	90	12:10	83S	18:13	269	18:58
2025	Sep	25	(Thu)	05:22	06:07	91	12:09	83S	18:12	269	18:57
2025	Sep	26	(Fri)	05:21	06:06	91	12:09	82S	18:12	269	18:57
2025	Sep	27	(Sat)	05:21	06:06	92	12:09	82S	18:11	268	18:56
2025	Sep	28	(Sun)	05:21	06:06	92	12:08	81S	18:10	268	18:56
2025	Sep	29	(Mon)	05:21	06:06	92	12:08	81S	18:10	267	18:55
2025	Sep	30	(Tue)	05:21	06:06	93	12:08	81S	18:09	267	18:54
2025	Oct	01	(Wed)	05:21	06:06	93	12:07	80S	18:09	267	18:54
2025	Oct	02	(Thu)	05:20	06:06	94	12:07	80S	18:08	266	18:53
2025	Oct	03	(Fri)	05:20	06:05	94	12:07	80S	18:08	266	18:53

2025	Oct	04	(Sat)	05:20	06:05	94	12:06	79S	18:07	266	18:53
2025	Oct	05	(Sun)	05:20	06:05	95	12:06	79S	18:07	265	18:52
2025	Oct	06	(Mon)	05:20	06:05	95	12:06	78S	18:06	265	18:52
2025	Oct	07	(Tue)	05:20	06:05	95	12:05	78S	18:06	264	18:51
2025	Oct	08	(Wed)	05:20	06:05	96	12:05	78S	18:05	264	18:51
2025	Oct	09	(Thu)	05:20	06:05	96	12:05	77S	18:05	264	18:50
2025	Oct	10	(Fri)	05:19	06:05	97	12:05	77S	18:05	263	18:50
2025	Oct	11	(Sat)	05:19	06:05	97	12:04	76S	18:04	263	18:49
2025	Oct	12	(Sun)	05:19	06:05	97	12:04	76S	18:04	262	18:49
2025	Oct	13	(Mon)	05:19	06:04	98	12:04	76S	18:03	262	18:49
2025	Oct	14	(Tue)	05:19	06:04	98	12:04	75S	18:03	262	18:48
2025	Oct	15	(Wed)	05:19	06:04	98	12:03	75S	18:02	261	18:48
2025	Oct	16	(Thu)	05:19	06:04	99	12:03	75S	18:02	261	18:47
2025	Oct	17	(Fri)	05:19	06:04	99	12:03	74S	18:02	261	18:47
2025	Oct	18	(Sat)	05:19	06:04	100	12:03	74S	18:01	260	18:47
2025	Oct	19	(Sun)	05:19	06:04	100	12:03	74S	18:01	260	18:47
2025	Oct	20	(Mon)	05:19	06:04	100	12:02	73S	18:01	260	18:46
2025	Oct	21	(Tue)	05:19	06:04	101	12:02	73S	18:00	259	18:46
2025	Oct	22	(Wed)	05:19	06:04	101	12:02	72S	18:00	259	18:46
2025	Oct	23	(Thu)	05:19	06:04	101	12:02	72S	18:00	258	18:45
2025	Oct	24	(Fri)	05:19	06:04	102	12:02	72S	17:59	258	18:45
2025	Oct	25	(Sat)	05:19	06:04	102	12:02	71S	17:59	258	18:45
2025	Oct	26	(Sun)	05:19	06:05	102	12:02	71S	17:59	257	18:45
2025	Oct	27	(Mon)	05:19	06:05	103	12:02	71S	17:58	257	18:44
2025	Oct	28	(Tue)	05:19	06:05	103	12:01	70S	17:58	257	18:44
2025	Oct	29	(Wed)	05:19	06:05	103	12:01	70S	17:58	256	18:44
2025	Oct	30	(Thu)	05:19	06:05	104	12:01	70S	17:58	256	18:44
2025	Oct	31	(Fri)	05:19	06:05	104	12:01	69S	17:57	256	18:44
2025	Nov	01	(Sat)	05:19	06:05	104	12:01	69S	17:57	255	18:44
2025	Nov	02	(Sun)	05:19	06:05	105	12:01	69S	17:57	255	18:44
2025	Nov	03	(Mon)	05:19	06:05	105	12:01	68S	17:57	255	18:43
2025	Nov	04	(Tue)	05:19	06:06	105	12:01	68S	17:57	254	18:43
2025	Nov	05	(Wed)	05:19	06:06	106	12:01	68S	17:57	254	18:43
2025	Nov	06	(Thu)	05:19	06:06	106	12:01	68S	17:57	254	18:43
2025	Nov	07	(Fri)	05:19	06:06	106	12:01	67S	17:56	254	18:43
2025	Nov	08	(Sat)	05:20	06:06	107	12:01	67S	17:56	253	18:43
2025	Nov	09	(Sun)	05:20	06:07	107	12:01	67S	17:56	253	18:43
2025	Nov	10	(Mon)	05:20	06:07	107	12:02	66S	17:56	253	18:43
2025	Nov	11	(Tue)	05:20	06:07	107	12:02	66S	17:56	252	18:43
2025	Nov	12	(Wed)	05:20	06:07	108	12:02	66S	17:56	252	18:43
2025	Nov	13	(Thu)	05:20	06:08	108	12:02	66S	17:56	252	18:43
2025	Nov	14	(Fri)	05:21	06:08	108	12:02	65S	17:56	252	18:43
2025	Nov	15	(Sat)	05:21	06:08	109	12:02	65S	17:56	251	18:44
2025	Nov	16	(Sun)	05:21	06:09	109	12:02	65S	17:56	251	18:44
2025	Nov	17	(Mon)	05:21	06:09	109	12:03	65S	17:56	251	18:44
2025	Nov	18	(Tue)	05:22	06:09	109	12:03	64S	17:56	251	18:44
2025	Nov	19	(Wed)	05:22	06:09	110	12:03	64S	17:56	250	18:44
2025	Nov	20	(Thu)	05:22	06:10	110	12:03	64S	17:57	250	18:44
2025	Nov	21	(Fri)	05:23	06:10	110	12:04	64S	17:57	250	18:44
2025	Nov	22	(Sat)	05:23	06:11	110	12:04	63S	17:57	250	18:45
2025	Nov	23	(Sun)	05:23	06:11	110	12:04	63S	17:57	250	18:45
2025	Nov	24	(Mon)	05:23	06:11	111	12:04	63S	17:57	249	18:45
2025	Nov	25	(Tue)	05:24	06:12	111	12:05	63S	17:57	249	18:45
2025	Nov	26	(Wed)	05:24	06:12	111	12:05	63S	17:58	249	18:46
2025	Nov	27	(Thu)	05:25	06:13	111	12:05	62S	17:58	249	18:46
2025	Nov	28	(Fri)	05:25	06:13	111	12:06	62S	17:58	249	18:46
2025	Nov	29	(Sat)	05:25	06:13	112	12:06	62S	17:58	248	18:47
2025	Nov	30	(Sun)	05:26	06:14	112	12:06	62S	17:59	248	18:47
2025	Dec	01	(Mon)	05:26	06:14	112	12:07	62S	17:59	248	18:47
2025	Dec	02	(Tue)	05:26	06:15	112	12:07	62S	17:59	248	18:48
2025	Dec	03	(Wed)	05:27	06:15	112	12:07	61S	18:00	248	18:48
2025	Dec	04	(Thu)	05:27	06:16	112	12:08	61S	18:00	248	18:48
2025	Dec	05	(Fri)	05:28	06:16	112	12:08	61S	18:00	248	18:49
2025	Dec	06	(Sat)	05:28	06:17	113	12:09	61S	18:01	247	18:49
2025	Dec	07	(Sun)	05:29	06:17	113	12:09	61S	18:01	247	18:50
2025	Dec	08	(Mon)	05:29	06:18	113	12:10	61S	18:01	247	18:50
2025	Dec	09	(Tue)	05:30	06:18	113	12:10	61S	18:02	247	18:50
2025	Dec	10	(Wed)	05:30	06:19	113	12:10	61S	18:02	247	18:51
2025	Dec	11	(Thu)	05:30	06:19	113	12:11	61S	18:02	247	18:51
2025	Dec	12	(Fri)	05:31	06:20	113	12:11	61S	18:03	247	18:52
2025	Dec	13	(Sat)	05:31	06:20	113	12:12	60S	18:03	247	18:52
2025	Dec	14	(Sun)	05:32	06:21	113	12:12	60S	18:04	247	18:53

2025	Dec 15	(Mon)	05:32	06:21	113	12:13	60S	18:04	247	18:53
2025	Dec 16	(Tue)	05:33	06:22	113	12:13	60S	18:05	247	18:54
2025	Dec 17	(Wed)	05:33	06:22	113	12:14	60S	18:05	247	18:54
2025	Dec 18	(Thu)	05:34	06:23	113	12:14	60S	18:06	247	18:55
2025	Dec 19	(Fri)	05:34	06:23	113	12:15	60S	18:06	246	18:55
2025	Dec 20	(Sat)	05:35	06:24	114	12:15	60S	18:07	246	18:55
2025	Dec 21	(Sun)	05:35	06:24	114	12:16	60S	18:07	246	18:56
2025	Dec 22	(Mon)	05:36	06:25	114	12:16	60S	18:08	246	18:56
2025	Dec 23	(Tue)	05:36	06:25	114	12:17	60S	18:08	246	18:57
2025	Dec 24	(Wed)	05:37	06:26	113	12:17	60S	18:09	247	18:57
2025	Dec 25	(Thu)	05:37	06:26	113	12:18	60S	18:09	247	18:58
2025	Dec 26	(Fri)	05:38	06:27	113	12:18	60S	18:10	247	18:58
2025	Dec 27	(Sat)	05:38	06:27	113	12:19	60S	18:10	247	18:59
2025	Dec 28	(Sun)	05:39	06:28	113	12:19	60S	18:11	247	18:59
2025	Dec 29	(Mon)	05:39	06:28	113	12:20	60S	18:11	247	19:00
2025	Dec 30	(Tue)	05:40	06:29	113	12:20	60S	18:12	247	19:00
2025	Dec 31	(Wed)	05:40	06:29	113	12:21	61S	18:12	247	19:01

Sun

Songkhla

Location: E100°35'16.7", N 7°06'18.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
			h m	h m	°	h m °	h m °		h m
2025	Jan 01	(Wed)	06:07	06:30	113	12:21 61S	18:13 247		18:35
2025	Jan 02	(Thu)	06:07	06:30	113	12:22 61S	18:13 247		18:36
2025	Jan 03	(Fri)	06:08	06:30	113	12:22 61S	18:14 247		18:36
2025	Jan 04	(Sat)	06:08	06:31	113	12:23 61S	18:14 247		18:37
2025	Jan 05	(Sun)	06:09	06:31	113	12:23 61S	18:15 247		18:37
2025	Jan 06	(Mon)	06:09	06:32	113	12:23 61S	18:15 247		18:38
2025	Jan 07	(Tue)	06:09	06:32	112	12:24 61S	18:16 248		18:38
2025	Jan 08	(Wed)	06:10	06:32	112	12:24 61S	18:16 248		18:39
2025	Jan 09	(Thu)	06:10	06:33	112	12:25 62S	18:17 248		18:39
2025	Jan 10	(Fri)	06:11	06:33	112	12:25 62S	18:17 248		18:40
2025	Jan 11	(Sat)	06:11	06:33	112	12:26 62S	18:18 248		18:40
2025	Jan 12	(Sun)	06:11	06:34	112	12:26 62S	18:18 248		18:41
2025	Jan 13	(Mon)	06:12	06:34	112	12:26 62S	18:19 249		18:41
2025	Jan 14	(Tue)	06:12	06:34	111	12:27 62S	18:19 249		18:42
2025	Jan 15	(Wed)	06:12	06:34	111	12:27 63S	18:20 249		18:42
2025	Jan 16	(Thu)	06:12	06:35	111	12:27 63S	18:20 249		18:42
2025	Jan 17	(Fri)	06:13	06:35	111	12:28 63S	18:21 249		18:43
2025	Jan 18	(Sat)	06:13	06:35	111	12:28 63S	18:21 250		18:43
2025	Jan 19	(Sun)	06:13	06:35	110	12:28 63S	18:21 250		18:44
2025	Jan 20	(Mon)	06:13	06:35	110	12:29 64S	18:22 250		18:44
2025	Jan 21	(Tue)	06:14	06:36	110	12:29 64S	18:22 250		18:44
2025	Jan 22	(Wed)	06:14	06:36	110	12:29 64S	18:23 250		18:45
2025	Jan 23	(Thu)	06:14	06:36	109	12:29 64S	18:23 251		18:45
2025	Jan 24	(Fri)	06:14	06:36	109	12:30 64S	18:23 251		18:45
2025	Jan 25	(Sat)	06:14	06:36	109	12:30 65S	18:24 251		18:46
2025	Jan 26	(Sun)	06:14	06:36	109	12:30 65S	18:24 251		18:46
2025	Jan 27	(Mon)	06:14	06:36	108	12:30 65S	18:24 252		18:46
2025	Jan 28	(Tue)	06:14	06:36	108	12:31 65S	18:25 252		18:47
2025	Jan 29	(Wed)	06:15	06:36	108	12:31 66S	18:25 252		18:47
2025	Jan 30	(Thu)	06:15	06:36	108	12:31 66S	18:25 252		18:47
2025	Jan 31	(Fri)	06:15	06:36	107	12:31 66S	18:26 253		18:48
2025	Feb 01	(Sat)	06:15	06:36	107	12:31 67S	18:26 253		18:48
2025	Feb 02	(Sun)	06:15	06:36	107	12:31 67S	18:26 253		18:48
2025	Feb 03	(Mon)	06:15	06:36	107	12:31 67S	18:27 254		18:48
2025	Feb 04	(Tue)	06:15	06:36	106	12:32 67S	18:27 254		18:48
2025	Feb 05	(Wed)	06:15	06:36	106	12:32 68S	18:27 254		18:49
2025	Feb 06	(Thu)	06:15	06:36	106	12:32 68S	18:27 255		18:49
2025	Feb 07	(Fri)	06:15	06:36	105	12:32 68S	18:28 255		18:49
2025	Feb 08	(Sat)	06:14	06:36	105	12:32 69S	18:28 255		18:49
2025	Feb 09	(Sun)	06:14	06:36	105	12:32 69S	18:28 255		18:49
2025	Feb 10	(Mon)	06:14	06:36	104	12:32 69S	18:28 256		18:50
2025	Feb 11	(Tue)	06:14	06:36	104	12:32 70S	18:28 256		18:50

2025	Feb	12	(Wed)	06:14	06:35	104	12:32	70S	18:28	256	18:50
2025	Feb	13	(Thu)	06:14	06:35	103	12:32	70S	18:29	257	18:50
2025	Feb	14	(Fri)	06:14	06:35	103	12:32	71S	18:29	257	18:50
2025	Feb	15	(Sat)	06:13	06:35	103	12:32	71S	18:29	258	18:50
2025	Feb	16	(Sun)	06:13	06:34	102	12:32	71S	18:29	258	18:50
2025	Feb	17	(Mon)	06:13	06:34	102	12:32	72S	18:29	258	18:50
2025	Feb	18	(Tue)	06:13	06:34	102	12:32	72S	18:29	259	18:50
2025	Feb	19	(Wed)	06:13	06:34	101	12:31	72S	18:29	259	18:50
2025	Feb	20	(Thu)	06:12	06:33	101	12:31	73S	18:29	259	18:50
2025	Feb	21	(Fri)	06:12	06:33	101	12:31	73S	18:29	260	18:51
2025	Feb	22	(Sat)	06:12	06:33	100	12:31	74S	18:29	260	18:51
2025	Feb	23	(Sun)	06:11	06:33	100	12:31	74S	18:29	260	18:51
2025	Feb	24	(Mon)	06:11	06:32	99	12:31	74S	18:30	261	18:51
2025	Feb	25	(Tue)	06:11	06:32	99	12:31	75S	18:30	261	18:51
2025	Feb	26	(Wed)	06:10	06:32	99	12:31	75S	18:30	262	18:51
2025	Feb	27	(Thu)	06:10	06:31	98	12:30	75S	18:30	262	18:51
2025	Feb	28	(Fri)	06:10	06:31	98	12:30	76S	18:30	262	18:51
2025	Mar	01	(Sat)	06:09	06:30	98	12:30	76S	18:30	263	18:51
2025	Mar	02	(Sun)	06:09	06:30	97	12:30	76S	18:30	263	18:51
2025	Mar	03	(Mon)	06:09	06:30	97	12:30	77S	18:30	263	18:51
2025	Mar	04	(Tue)	06:08	06:29	96	12:29	77S	18:30	264	18:50
2025	Mar	05	(Wed)	06:08	06:29	96	12:29	78S	18:30	264	18:50
2025	Mar	06	(Thu)	06:08	06:28	96	12:29	78S	18:29	265	18:50
2025	Mar	07	(Fri)	06:07	06:28	95	12:29	78S	18:29	265	18:50
2025	Mar	08	(Sat)	06:07	06:28	95	12:28	79S	18:29	265	18:50
2025	Mar	09	(Sun)	06:06	06:27	94	12:28	79S	18:29	266	18:50
2025	Mar	10	(Mon)	06:06	06:27	94	12:28	80S	18:29	266	18:50
2025	Mar	11	(Tue)	06:05	06:26	94	12:28	80S	18:29	267	18:50
2025	Mar	12	(Wed)	06:05	06:26	93	12:27	80S	18:29	267	18:50
2025	Mar	13	(Thu)	06:04	06:25	93	12:27	81S	18:29	267	18:50
2025	Mar	14	(Fri)	06:04	06:25	92	12:27	81S	18:29	268	18:50
2025	Mar	15	(Sat)	06:04	06:24	92	12:27	82S	18:29	268	18:50
2025	Mar	16	(Sun)	06:03	06:24	92	12:26	82S	18:29	269	18:50
2025	Mar	17	(Mon)	06:03	06:23	91	12:26	82S	18:29	269	18:50
2025	Mar	18	(Tue)	06:02	06:23	91	12:26	83S	18:29	269	18:49
2025	Mar	19	(Wed)	06:02	06:22	90	12:25	83S	18:28	270	18:49
2025	Mar	20	(Thu)	06:01	06:22	90	12:25	84S	18:28	270	18:49
2025	Mar	21	(Fri)	06:01	06:21	90	12:25	84S	18:28	271	18:49
2025	Mar	22	(Sat)	06:00	06:21	89	12:25	84S	18:28	271	18:49
2025	Mar	23	(Sun)	06:00	06:20	89	12:24	85S	18:28	271	18:49
2025	Mar	24	(Mon)	05:59	06:20	88	12:24	85S	18:28	272	18:49
2025	Mar	25	(Tue)	05:59	06:19	88	12:24	86S	18:28	272	18:49
2025	Mar	26	(Wed)	05:58	06:19	88	12:23	86S	18:28	273	18:49
2025	Mar	27	(Thu)	05:58	06:18	87	12:23	86S	18:28	273	18:49
2025	Mar	28	(Fri)	05:57	06:18	87	12:23	87S	18:28	273	18:48
2025	Mar	29	(Sat)	05:57	06:17	86	12:22	87S	18:27	274	18:48
2025	Mar	30	(Sun)	05:56	06:17	86	12:22	87S	18:27	274	18:48
2025	Mar	31	(Mon)	05:56	06:16	86	12:22	88S	18:27	274	18:48
2025	Apr	01	(Tue)	05:55	06:16	85	12:22	88S	18:27	275	18:48
2025	Apr	02	(Wed)	05:55	06:15	85	12:21	89S	18:27	275	18:48
2025	Apr	03	(Thu)	05:54	06:15	85	12:21	89S	18:27	276	18:48
2025	Apr	04	(Fri)	05:54	06:14	84	12:21	89S	18:27	276	18:48
2025	Apr	05	(Sat)	05:53	06:14	84	12:20	90S	18:27	276	18:48
2025	Apr	06	(Sun)	05:53	06:14	83	12:20	90S	18:27	277	18:48
2025	Apr	07	(Mon)	05:52	06:13	83	12:20	91S	18:27	277	18:48
2025	Apr	08	(Tue)	05:52	06:13	83	12:19	91N	18:27	278	18:48
2025	Apr	09	(Wed)	05:51	06:12	82	12:19	90N	18:26	278	18:47
2025	Apr	10	(Thu)	05:51	06:12	82	12:19	90N	18:26	278	18:47
2025	Apr	11	(Fri)	05:50	06:11	82	12:19	89N	18:26	279	18:47
2025	Apr	12	(Sat)	05:50	06:11	81	12:18	89N	18:26	279	18:47
2025	Apr	13	(Sun)	05:49	06:10	81	12:18	89N	18:26	279	18:47
2025	Apr	14	(Mon)	05:49	06:10	80	12:18	88N	18:26	280	18:47
2025	Apr	15	(Tue)	05:48	06:09	80	12:18	88N	18:26	280	18:47
2025	Apr	16	(Wed)	05:48	06:09	80	12:17	88N	18:26	280	18:47
2025	Apr	17	(Thu)	05:47	06:09	79	12:17	87N	18:26	281	18:47
2025	Apr	18	(Fri)	05:47	06:08	79	12:17	87N	18:26	281	18:47
2025	Apr	19	(Sat)	05:46	06:08	79	12:17	87N	18:26	282	18:47
2025	Apr	20	(Sun)	05:46	06:07	78	12:17	86N	18:26	282	18:47
2025	Apr	21	(Mon)	05:46	06:07	78	12:16	86N	18:26	282	18:47
2025	Apr	22	(Tue)	05:45	06:07	78	12:16	86N	18:26	283	18:47
2025	Apr	23	(Wed)	05:45	06:06	77	12:16	85N	18:26	283	18:47
2025	Apr	24	(Thu)	05:44	06:06	77	12:16	85N	18:26	283	18:47

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

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

2025	Sep	16	(Tue)	05:47	06:08	87	12:13	86S	18:17	273	18:38
2025	Sep	17	(Wed)	05:47	06:08	88	12:12	86S	18:16	272	18:37
2025	Sep	18	(Thu)	05:47	06:08	88	12:12	85S	18:16	272	18:37
2025	Sep	19	(Fri)	05:47	06:07	88	12:11	85S	18:15	271	18:36
2025	Sep	20	(Sat)	05:46	06:07	89	12:11	85S	18:15	271	18:36
2025	Sep	21	(Sun)	05:46	06:07	89	12:11	84S	18:14	271	18:35
2025	Sep	22	(Mon)	05:46	06:07	90	12:10	84S	18:14	270	18:35
2025	Sep	23	(Tue)	05:46	06:07	90	12:10	83S	18:13	270	18:34
2025	Sep	24	(Wed)	05:46	06:07	90	12:10	83S	18:13	269	18:33
2025	Sep	25	(Thu)	05:46	06:07	91	12:09	83S	18:12	269	18:33
2025	Sep	26	(Fri)	05:46	06:06	91	12:09	82S	18:12	269	18:32
2025	Sep	27	(Sat)	05:45	06:06	92	12:09	82S	18:11	268	18:32
2025	Sep	28	(Sun)	05:45	06:06	92	12:08	81S	18:10	268	18:31
2025	Sep	29	(Mon)	05:45	06:06	92	12:08	81S	18:10	267	18:31
2025	Sep	30	(Tue)	05:45	06:06	93	12:08	81S	18:09	267	18:30
2025	Oct	01	(Wed)	05:45	06:06	93	12:07	80S	18:09	267	18:30
2025	Oct	02	(Thu)	05:45	06:06	94	12:07	80S	18:08	266	18:29
2025	Oct	03	(Fri)	05:45	06:05	94	12:07	80S	18:08	266	18:29
2025	Oct	04	(Sat)	05:44	06:05	94	12:06	79S	18:07	266	18:28
2025	Oct	05	(Sun)	05:44	06:05	95	12:06	79S	18:07	265	18:28
2025	Oct	06	(Mon)	05:44	06:05	95	12:06	78S	18:06	265	18:27
2025	Oct	07	(Tue)	05:44	06:05	95	12:05	78S	18:06	264	18:27
2025	Oct	08	(Wed)	05:44	06:05	96	12:05	78S	18:05	264	18:26
2025	Oct	09	(Thu)	05:44	06:05	96	12:05	77S	18:05	264	18:26
2025	Oct	10	(Fri)	05:44	06:05	97	12:05	77S	18:05	263	18:26
2025	Oct	11	(Sat)	05:44	06:05	97	12:04	76S	18:04	263	18:25
2025	Oct	12	(Sun)	05:44	06:05	97	12:04	76S	18:04	262	18:25
2025	Oct	13	(Mon)	05:43	06:04	98	12:04	76S	18:03	262	18:24
2025	Oct	14	(Tue)	05:43	06:04	98	12:04	75S	18:03	262	18:24
2025	Oct	15	(Wed)	05:43	06:04	98	12:03	75S	18:02	261	18:23
2025	Oct	16	(Thu)	05:43	06:04	99	12:03	75S	18:02	261	18:23
2025	Oct	17	(Fri)	05:43	06:04	99	12:03	74S	18:02	261	18:23
2025	Oct	18	(Sat)	05:43	06:04	100	12:03	74S	18:01	260	18:22
2025	Oct	19	(Sun)	05:43	06:04	100	12:03	74S	18:01	260	18:22
2025	Oct	20	(Mon)	05:43	06:04	100	12:02	73S	18:01	260	18:22
2025	Oct	21	(Tue)	05:43	06:04	101	12:02	73S	18:00	259	18:21
2025	Oct	22	(Wed)	05:43	06:04	101	12:02	72S	18:00	259	18:21
2025	Oct	23	(Thu)	05:43	06:04	101	12:02	72S	18:00	258	18:21
2025	Oct	24	(Fri)	05:43	06:04	102	12:02	72S	17:59	258	18:20
2025	Oct	25	(Sat)	05:43	06:04	102	12:02	71S	17:59	258	18:20
2025	Oct	26	(Sun)	05:43	06:05	102	12:02	71S	17:59	257	18:20
2025	Oct	27	(Mon)	05:43	06:05	103	12:02	71S	17:58	257	18:20
2025	Oct	28	(Tue)	05:43	06:05	103	12:01	70S	17:58	257	18:20
2025	Oct	29	(Wed)	05:43	06:05	103	12:01	70S	17:58	256	18:19
2025	Oct	30	(Thu)	05:43	06:05	104	12:01	70S	17:58	256	18:19
2025	Oct	31	(Fri)	05:44	06:05	104	12:01	69S	17:57	256	18:19
2025	Nov	01	(Sat)	05:44	06:05	104	12:01	69S	17:57	255	18:19
2025	Nov	02	(Sun)	05:44	06:05	105	12:01	69S	17:57	255	18:19
2025	Nov	03	(Mon)	05:44	06:05	105	12:01	68S	17:57	255	18:18
2025	Nov	04	(Tue)	05:44	06:06	105	12:01	68S	17:57	254	18:18
2025	Nov	05	(Wed)	05:44	06:06	106	12:01	68S	17:57	254	18:18
2025	Nov	06	(Thu)	05:44	06:06	106	12:01	68S	17:57	254	18:18
2025	Nov	07	(Fri)	05:45	06:06	106	12:01	67S	17:56	254	18:18
2025	Nov	08	(Sat)	05:45	06:06	107	12:01	67S	17:56	253	18:18
2025	Nov	09	(Sun)	05:45	06:07	107	12:01	67S	17:56	253	18:18
2025	Nov	10	(Mon)	05:45	06:07	107	12:02	66S	17:56	253	18:18
2025	Nov	11	(Tue)	05:45	06:07	107	12:02	66S	17:56	252	18:18
2025	Nov	12	(Wed)	05:46	06:07	108	12:02	66S	17:56	252	18:18
2025	Nov	13	(Thu)	05:46	06:08	108	12:02	66S	17:56	252	18:18
2025	Nov	14	(Fri)	05:46	06:08	108	12:02	65S	17:56	252	18:18
2025	Nov	15	(Sat)	05:46	06:08	109	12:02	65S	17:56	251	18:18
2025	Nov	16	(Sun)	05:47	06:09	109	12:02	65S	17:56	251	18:18
2025	Nov	17	(Mon)	05:47	06:09	109	12:03	65S	17:56	251	18:18
2025	Nov	18	(Tue)	05:47	06:09	109	12:03	64S	17:56	251	18:18
2025	Nov	19	(Wed)	05:47	06:09	110	12:03	64S	17:56	250	18:19
2025	Nov	20	(Thu)	05:48	06:10	110	12:03	64S	17:57	250	18:19
2025	Nov	21	(Fri)	05:48	06:10	110	12:04	64S	17:57	250	18:19
2025	Nov	22	(Sat)	05:48	06:11	110	12:04	63S	17:57	250	18:19
2025	Nov	23	(Sun)	05:49	06:11	110	12:04	63S	17:57	250	18:19
2025	Nov	24	(Mon)	05:49	06:11	111	12:04	63S	17:57	249	18:19
2025	Nov	25	(Tue)	05:50	06:12	111	12:05	63S	17:57	249	18:20
2025	Nov	26	(Wed)	05:50	06:12	111	12:05	63S	17:58	249	18:20

2025	Nov	27	(Thu)	05:50	06:13	111	12:05	62S	17:58	249	18:20
2025	Nov	28	(Fri)	05:51	06:13	111	12:06	62S	17:58	249	18:20
2025	Nov	29	(Sat)	05:51	06:13	112	12:06	62S	17:58	248	18:21
2025	Nov	30	(Sun)	05:52	06:14	112	12:06	62S	17:59	248	18:21
2025	Dec	01	(Mon)	05:52	06:14	112	12:07	62S	17:59	248	18:21
2025	Dec	02	(Tue)	05:52	06:15	112	12:07	62S	17:59	248	18:22
2025	Dec	03	(Wed)	05:53	06:15	112	12:07	61S	18:00	248	18:22
2025	Dec	04	(Thu)	05:53	06:16	112	12:08	61S	18:00	248	18:22
2025	Dec	05	(Fri)	05:54	06:16	112	12:08	61S	18:00	248	18:23
2025	Dec	06	(Sat)	05:54	06:17	113	12:09	61S	18:01	247	18:23
2025	Dec	07	(Sun)	05:55	06:17	113	12:09	61S	18:01	247	18:23
2025	Dec	08	(Mon)	05:55	06:18	113	12:10	61S	18:01	247	18:24
2025	Dec	09	(Tue)	05:56	06:18	113	12:10	61S	18:02	247	18:24
2025	Dec	10	(Wed)	05:56	06:19	113	12:10	61S	18:02	247	18:25
2025	Dec	11	(Thu)	05:57	06:19	113	12:11	61S	18:02	247	18:25
2025	Dec	12	(Fri)	05:57	06:20	113	12:11	61S	18:03	247	18:25
2025	Dec	13	(Sat)	05:58	06:20	113	12:12	60S	18:03	247	18:26
2025	Dec	14	(Sun)	05:58	06:21	113	12:12	60S	18:04	247	18:26
2025	Dec	15	(Mon)	05:59	06:21	113	12:13	60S	18:04	247	18:27
2025	Dec	16	(Tue)	05:59	06:22	113	12:13	60S	18:05	247	18:27
2025	Dec	17	(Wed)	06:00	06:22	113	12:14	60S	18:05	247	18:28
2025	Dec	18	(Thu)	06:00	06:23	113	12:14	60S	18:06	247	18:28
2025	Dec	19	(Fri)	06:01	06:23	113	12:15	60S	18:06	246	18:29
2025	Dec	20	(Sat)	06:01	06:24	114	12:15	60S	18:07	246	18:29
2025	Dec	21	(Sun)	06:02	06:24	114	12:16	60S	18:07	246	18:30
2025	Dec	22	(Mon)	06:02	06:25	114	12:16	60S	18:08	246	18:30
2025	Dec	23	(Tue)	06:03	06:25	114	12:17	60S	18:08	246	18:31
2025	Dec	24	(Wed)	06:03	06:26	113	12:17	60S	18:09	247	18:31
2025	Dec	25	(Thu)	06:04	06:26	113	12:18	60S	18:09	247	18:32
2025	Dec	26	(Fri)	06:04	06:27	113	12:18	60S	18:10	247	18:32
2025	Dec	27	(Sat)	06:05	06:27	113	12:19	60S	18:10	247	18:33
2025	Dec	28	(Sun)	06:05	06:28	113	12:19	60S	18:11	247	18:33
2025	Dec	29	(Mon)	06:06	06:28	113	12:20	60S	18:11	247	18:34
2025	Dec	30	(Tue)	06:06	06:29	113	12:20	60S	18:12	247	18:34
2025	Dec	31	(Wed)	06:06	06:29	113	12:21	61S	18:12	247	18:35

Moon

Songkhla

Location: E100°35'16.7", N 7°06'18.0", 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)	07:37	116		13:36	58S		19:36	246	
2025	Jan	02	(Thu)	08:29	112		14:30	62S		20:32	250	
2025	Jan	03	(Fri)	09:19	107		15:22	68S		21:26	256	
2025	Jan	04	(Sat)	10:05	101		16:11	74S		22:18	262	
2025	Jan	05	(Sun)	10:49	94		16:58	81S		23:09	269	
2025	Jan	06	(Mon)	11:33	87		17:45	88S		24:00	276	
2025	Jan	07	(Tue)	12:17	81		18:33	87N				
2025	Jan	08	(Wed)	13:04	74		19:24	80N		00:52	283	
2025	Jan	09	(Thu)	13:54	69		20:19	75N		01:47	289	
2025	Jan	10	(Fri)	14:48	64		21:17	71N		02:45	294	
2025	Jan	11	(Sat)	15:47	62		22:18	69N		03:46	297	
2025	Jan	12	(Sun)	16:48	61		23:19	69N		04:49	299	
2025	Jan	13	(Mon)	17:49	63					05:49	298	
2025	Jan	14	(Tue)	18:48	66		00:18	71N		06:46	296	
2025	Jan	15	(Wed)	19:42	70		01:13	75N		07:38	292	
2025	Jan	16	(Thu)	20:31	75		02:04	79N		08:24	287	
2025	Jan	17	(Fri)	21:18	81		02:50	85N		09:06	282	
2025	Jan	18	(Sat)	22:01	87		03:32	90N		09:45	276	
2025	Jan	19	(Sun)	22:44	93		04:12	85S		10:22	270	
2025	Jan	20	(Mon)	23:26	99		04:52	79S		10:58	264	
2025	Jan	21	(Tue)				05:31	73S		11:35	258	
2025	Jan	22	(Wed)	00:09	104		06:12	68S		12:13	253	
2025	Jan	23	(Thu)	00:55	109		06:55	63S		12:55	249	
2025	Jan	24	(Fri)	01:43	113		07:42	59S		13:40	245	
2025	Jan	25	(Sat)	02:35	117		08:33	56S		14:31	242	

2025	Jan	26	(Sun)	03:30	118	09:28	55S	15:25	241
2025	Jan	27	(Mon)	04:27	119	10:25	55S	16:23	242
2025	Jan	28	(Tue)	05:24	117	11:23	57S	17:22	244
2025	Jan	29	(Wed)	06:19	114	12:19	60S	18:20	248
2025	Jan	30	(Thu)	07:11	109	13:13	65S	19:17	253
2025	Jan	31	(Fri)	08:00	103	14:05	72S	20:11	260
2025	Feb	01	(Sat)	08:46	97	14:54	79S	21:04	267
2025	Feb	02	(Sun)	09:30	89	15:42	86S	21:56	274
2025	Feb	03	(Mon)	10:15	82	16:31	88N	22:48	281
2025	Feb	04	(Tue)	11:02	76	17:21	82N	23:43	287
2025	Feb	05	(Wed)	11:51	70	18:14	76N		
2025	Feb	06	(Thu)	12:43	65	19:11	72N	00:40	293
2025	Feb	07	(Fri)	13:40	62	20:10	70N	01:39	296
2025	Feb	08	(Sat)	14:39	61	21:10	69N	02:40	298
2025	Feb	09	(Sun)	15:39	62	22:09	70N	03:40	299
2025	Feb	10	(Mon)	16:37	64	23:04	73N	04:37	297
2025	Feb	11	(Tue)	17:32	68	23:56	77N	05:30	294
2025	Feb	12	(Wed)	18:23	73			06:18	289
2025	Feb	13	(Thu)	19:10	79	00:43	82N	07:01	284
2025	Feb	14	(Fri)	19:55	85	01:26	88N	07:41	278
2025	Feb	15	(Sat)	20:38	91	02:08	87S	08:18	272
2025	Feb	16	(Sun)	21:21	97	02:47	81S	08:55	266
2025	Feb	17	(Mon)	22:03	102	03:27	75S	09:31	261
2025	Feb	18	(Tue)	22:48	107	04:07	70S	10:09	255
2025	Feb	19	(Wed)	23:35	112	04:49	65S	10:49	250
2025	Feb	20	(Thu)			05:34	61S	11:33	246
2025	Feb	21	(Fri)	00:25	115	06:23	57S	12:20	243
2025	Feb	22	(Sat)	01:17	118	07:15	55S	13:12	241
2025	Feb	23	(Sun)	02:13	119	08:10	54S	14:07	241
2025	Feb	24	(Mon)	03:09	118	09:07	55S	15:05	243
2025	Feb	25	(Tue)	04:04	116	10:03	58S	16:03	246
2025	Feb	26	(Wed)	04:57	112	10:59	63S	17:01	251
2025	Feb	27	(Thu)	05:48	106	11:52	68S	17:57	257
2025	Feb	28	(Fri)	06:36	100	12:43	75S	18:51	264
2025	Mar	01	(Sat)	07:22	93	13:33	83S	19:45	271
2025	Mar	02	(Sun)	08:09	85	14:23	90S	20:39	278
2025	Mar	03	(Mon)	08:56	78	15:14	84N	21:35	285
2025	Mar	04	(Tue)	09:45	72	16:08	78N	22:33	291
2025	Mar	05	(Wed)	10:38	67	17:05	73N	23:33	296
2025	Mar	06	(Thu)	11:35	63	18:04	70N		
2025	Mar	07	(Fri)	12:34	61	19:05	69N	00:34	298
2025	Mar	08	(Sat)	13:34	61	20:04	69N	01:35	299
2025	Mar	09	(Sun)	14:32	63	21:00	72N	02:33	298
2025	Mar	10	(Mon)	15:27	67	21:52	76N	03:26	295
2025	Mar	11	(Tue)	16:18	71	22:39	80N	04:15	291
2025	Mar	12	(Wed)	17:06	77	23:23	86N	04:59	286
2025	Mar	13	(Thu)	17:51	82			05:39	280
2025	Mar	14	(Fri)	18:34	88	00:05	90S	06:17	275
2025	Mar	15	(Sat)	19:17	94	00:45	84S	06:53	269
2025	Mar	16	(Sun)	20:00	100	01:24	78S	07:30	263
2025	Mar	17	(Mon)	20:43	106	02:04	72S	08:07	257
2025	Mar	18	(Tue)	21:29	110	02:45	67S	08:46	252
2025	Mar	19	(Wed)	22:18	114	03:29	62S	09:28	248
2025	Mar	20	(Thu)	23:09	117	04:16	58S	10:14	244
2025	Mar	21	(Fri)			05:06	56S	11:03	242
2025	Mar	22	(Sat)	00:02	119	05:59	54S	11:56	241
2025	Mar	23	(Sun)	00:57	119	06:54	55S	12:51	242
2025	Mar	24	(Mon)	01:51	117	07:49	57S	13:48	244
2025	Mar	25	(Tue)	02:44	114	08:44	60S	14:44	248
2025	Mar	26	(Wed)	03:34	109	09:36	65S	15:40	253
2025	Mar	27	(Thu)	04:23	103	10:28	72S	16:35	260
2025	Mar	28	(Fri)	05:10	97	11:18	79S	17:29	267
2025	Mar	29	(Sat)	05:56	89	12:09	86S	18:23	275
2025	Mar	30	(Sun)	06:44	82	13:01	88N	19:19	282
2025	Mar	31	(Mon)	07:34	75	13:55	81N	20:18	289
2025	Apr	01	(Tue)	08:27	69	14:53	75N	21:20	294
2025	Apr	02	(Wed)	09:24	64	15:53	71N	22:23	297
2025	Apr	03	(Thu)	10:25	62	16:56	69N	23:27	299
2025	Apr	04	(Fri)	11:26	61	17:57	69N		
2025	Apr	05	(Sat)	12:26	63	18:55	71N	00:27	298
2025	Apr	06	(Sun)	13:23	66	19:49	74N	01:23	296
2025	Apr	07	(Mon)	14:16	70	20:38	79N	02:13	292

2025 Apr 08 (Tue)	15:04 75	21:22 84N	02:58 288
2025 Apr 09 (Wed)	15:50 81	22:04 90N	03:39 282
2025 Apr 10 (Thu)	16:33 86	22:44 86S	04:17 276
2025 Apr 11 (Fri)	17:15 92	23:23 80S	04:54 271
2025 Apr 12 (Sat)	17:57 98		05:30 265
2025 Apr 13 (Sun)	18:41 104	00:03 74S	06:07 259
2025 Apr 14 (Mon)	19:26 109	00:44 68S	06:45 254
2025 Apr 15 (Tue)	20:13 113	01:27 63S	07:26 249
2025 Apr 16 (Wed)	21:04 116	02:12 59S	08:10 245
2025 Apr 17 (Thu)	21:56 118	03:01 56S	08:58 243
2025 Apr 18 (Fri)	22:49 119	03:53 55S	09:49 241
2025 Apr 19 (Sat)	23:43 118	04:46 55S	10:43 241
2025 Apr 20 (Sun)		05:40 56S	11:38 243
2025 Apr 21 (Mon)	00:35 115	06:34 59S	12:33 246
2025 Apr 22 (Tue)	01:25 111	07:26 63S	13:28 251
2025 Apr 23 (Wed)	02:12 106	08:16 69S	14:21 257
2025 Apr 24 (Thu)	02:58 100	09:05 75S	15:13 263
2025 Apr 25 (Fri)	03:44 93	09:54 82S	16:06 271
2025 Apr 26 (Sat)	04:30 86	10:44 90S	17:01 278
2025 Apr 27 (Sun)	05:18 78	11:37 84N	17:58 285
2025 Apr 28 (Mon)	06:10 72	12:34 78N	18:59 291
2025 Apr 29 (Tue)	07:07 66	13:35 73N	20:04 296
2025 Apr 30 (Wed)	08:08 63	14:39 70N	21:10 298
2025 May 01 (Thu)	09:12 61	15:43 69N	22:14 299
2025 May 02 (Fri)	10:15 62	16:45 70N	23:14 297
2025 May 03 (Sat)	11:15 64	17:42 73N	
2025 May 04 (Sun)	12:10 68	18:34 77N	00:08 294
2025 May 05 (Mon)	13:01 73	19:21 82N	00:56 289
2025 May 06 (Tue)	13:48 79	20:04 88N	01:38 284
2025 May 07 (Wed)	14:32 85	20:44 87S	02:18 278
2025 May 08 (Thu)	15:14 91	21:23 81S	02:55 272
2025 May 09 (Fri)	15:56 96	22:02 76S	03:31 266
2025 May 10 (Sat)	16:39 102	22:43 70S	04:07 261
2025 May 11 (Sun)	17:23 107	23:25 65S	04:45 255
2025 May 12 (Mon)	18:10 112		05:25 251
2025 May 13 (Tue)	19:00 115	00:10 61S	06:08 246
2025 May 14 (Wed)	19:52 118	00:58 57S	06:55 243
2025 May 15 (Thu)	20:45 119	01:49 55S	07:46 242
2025 May 16 (Fri)	21:39 118	02:42 55S	08:39 241
2025 May 17 (Sat)	22:31 116	03:36 55S	09:33 243
2025 May 18 (Sun)	23:20 113	04:29 58S	10:28 245
2025 May 19 (Mon)		05:20 62S	11:21 249
2025 May 20 (Tue)	00:08 108	06:10 67S	12:13 255
2025 May 21 (Wed)	00:53 102	06:57 73S	13:04 261
2025 May 22 (Thu)	01:36 96	07:45 79S	13:55 268
2025 May 23 (Fri)	02:20 89	08:33 87S	14:47 275
2025 May 24 (Sat)	03:06 82	09:22 88N	15:41 282
2025 May 25 (Sun)	03:55 75	10:16 81N	16:39 288
2025 May 26 (Mon)	04:49 69	11:14 75N	17:42 294
2025 May 27 (Tue)	05:47 64	12:17 71N	18:48 297
2025 May 28 (Wed)	06:51 62	13:22 69N	19:54 299
2025 May 29 (Thu)	07:56 61	14:27 69N	20:58 298
2025 May 30 (Fri)	09:00 63	15:29 72N	21:56 295
2025 May 31 (Sat)	09:59 67	16:24 76N	22:48 291
2025 Jun 01 (Sun)	10:53 71	17:15 81N	23:34 286
2025 Jun 02 (Mon)	11:43 77	18:00 86N	
2025 Jun 03 (Tue)	12:28 83	18:42 89S	00:15 280
2025 Jun 04 (Wed)	13:12 89	19:22 83S	00:54 274
2025 Jun 05 (Thu)	13:54 95	20:01 77S	01:30 268
2025 Jun 06 (Fri)	14:37 100	20:41 72S	02:07 263
2025 Jun 07 (Sat)	15:20 106	21:22 67S	02:44 257
2025 Jun 08 (Sun)	16:06 110	22:06 62S	03:23 252
2025 Jun 09 (Mon)	16:55 114	22:54 58S	04:06 248
2025 Jun 10 (Tue)	17:47 117	23:44 56S	04:51 244
2025 Jun 11 (Wed)	18:40 118		05:41 242
2025 Jun 12 (Thu)	19:34 118	00:37 55S	06:34 241
2025 Jun 13 (Fri)	20:27 117	01:31 55S	07:29 242
2025 Jun 14 (Sat)	21:18 114	02:25 57S	08:24 244
2025 Jun 15 (Sun)	22:06 109	03:17 61S	09:18 248
2025 Jun 16 (Mon)	22:51 104	04:07 65S	10:10 253
2025 Jun 17 (Tue)	23:34 98	04:55 71S	11:00 259
2025 Jun 18 (Wed)		05:41 77S	11:50 266

2025 Jun 19 (Thu)	00:17 91	06:27 84S	12:40 272
2025 Jun 20 (Fri)	01:00 84	07:15 90N	13:31 279
2025 Jun 21 (Sat)	01:46 77	08:05 84N	14:26 286
2025 Jun 22 (Sun)	02:36 71	08:59 78N	15:25 292
2025 Jun 23 (Mon)	03:31 66	09:59 73N	16:28 296
2025 Jun 24 (Tue)	04:31 63	11:02 70N	17:33 298
2025 Jun 25 (Wed)	05:35 61	12:07 69N	18:39 298
2025 Jun 26 (Thu)	06:40 62	13:11 70N	19:40 297
2025 Jun 27 (Fri)	07:43 65	14:10 74N	20:36 293
2025 Jun 28 (Sat)	08:40 69	15:04 78N	21:25 288
2025 Jun 29 (Sun)	09:33 75	15:52 84N	22:09 282
2025 Jun 30 (Mon)	10:21 80	16:36 90N	22:50 276
2025 Jul 01 (Tue)	11:06 87	17:18 85S	23:28 270
2025 Jul 02 (Wed)	11:50 93	17:58 79S	
2025 Jul 03 (Thu)	12:32 98	18:38 74S	00:05 264
2025 Jul 04 (Fri)	13:16 104	19:19 68S	00:42 259
2025 Jul 05 (Sat)	14:01 109	20:02 63S	01:20 254
2025 Jul 06 (Sun)	14:49 113	20:48 59S	02:01 249
2025 Jul 07 (Mon)	15:39 116	21:37 57S	02:46 245
2025 Jul 08 (Tue)	16:32 118	22:30 55S	03:34 243
2025 Jul 09 (Wed)	17:27 119	23:24 55S	04:27 241
2025 Jul 10 (Thu)	18:21 118		05:21 242
2025 Jul 11 (Fri)	19:13 115	00:19 56S	06:17 244
2025 Jul 12 (Sat)	20:03 111	01:12 59S	07:12 247
2025 Jul 13 (Sun)	20:49 106	02:04 64S	08:06 252
2025 Jul 14 (Mon)	21:34 99	02:53 69S	08:57 257
2025 Jul 15 (Tue)	22:16 93	03:40 76S	09:48 264
2025 Jul 16 (Wed)	22:59 86	04:26 82S	10:37 271
2025 Jul 17 (Thu)	23:44 79	05:12 89S	11:27 277
2025 Jul 18 (Fri)		06:01 85N	12:20 284
2025 Jul 19 (Sat)	00:31 73	06:52 79N	13:16 290
2025 Jul 20 (Sun)	01:22 68	07:48 74N	14:15 295
2025 Jul 21 (Mon)	02:19 64	08:48 71N	15:18 298
2025 Jul 22 (Tue)	03:20 62	09:51 69N	16:23 299
2025 Jul 23 (Wed)	04:24 62	10:55 70N	17:25 298
2025 Jul 24 (Thu)	05:26 64	11:55 72N	18:23 295
2025 Jul 25 (Fri)	06:26 67	12:51 76N	19:15 290
2025 Jul 26 (Sat)	07:21 72	13:42 81N	20:01 285
2025 Jul 27 (Sun)	08:12 78	14:29 87N	20:44 279
2025 Jul 28 (Mon)	08:59 84	15:12 88S	21:23 273
2025 Jul 29 (Tue)	09:43 90	15:53 82S	22:01 267
2025 Jul 30 (Wed)	10:27 96	16:33 76S	22:38 261
2025 Jul 31 (Thu)	11:10 102	17:14 70S	23:16 255
2025 Aug 01 (Fri)	11:55 107	17:56 65S	23:56 251
2025 Aug 02 (Sat)	12:42 112	18:41 61S	
2025 Aug 03 (Sun)	13:31 115	19:29 57S	00:40 247
2025 Aug 04 (Mon)	14:23 118	20:20 55S	01:26 243
2025 Aug 05 (Tue)	15:16 119	21:13 55S	02:17 242
2025 Aug 06 (Wed)	16:11 118	22:08 55S	03:10 241
2025 Aug 07 (Thu)	17:04 116	23:03 58S	04:06 243
2025 Aug 08 (Fri)	17:56 113	23:56 62S	05:02 245
2025 Aug 09 (Sat)	18:44 108		05:57 250
2025 Aug 10 (Sun)	19:30 102	00:47 67S	06:51 255
2025 Aug 11 (Mon)	20:14 95	01:35 73S	07:42 262
2025 Aug 12 (Tue)	20:58 88	02:23 80S	08:33 268
2025 Aug 13 (Wed)	21:42 81	03:10 87S	09:24 275
2025 Aug 14 (Thu)	22:29 75	03:58 87N	10:16 282
2025 Aug 15 (Fri)	23:19 69	04:49 81N	11:11 288
2025 Aug 16 (Sat)		05:43 75N	12:09 293
2025 Aug 17 (Sun)	00:13 65	06:41 71N	13:11 297
2025 Aug 18 (Mon)	01:12 62	07:42 69N	14:13 299
2025 Aug 19 (Tue)	02:14 61	08:45 69N	15:15 298
2025 Aug 20 (Wed)	03:15 62	09:45 71N	16:13 296
2025 Aug 21 (Thu)	04:15 66	10:42 74N	17:06 292
2025 Aug 22 (Fri)	05:11 70	11:34 79N	17:54 287
2025 Aug 23 (Sat)	06:03 75	12:21 85N	18:38 282
2025 Aug 24 (Sun)	06:51 81	13:05 91S	19:18 275
2025 Aug 25 (Mon)	07:36 88	13:47 84S	19:57 269
2025 Aug 26 (Tue)	08:20 94	14:28 78S	20:34 263
2025 Aug 27 (Wed)	09:04 100	15:09 72S	21:12 258
2025 Aug 28 (Thu)	09:48 105	15:51 67S	21:52 252
2025 Aug 29 (Fri)	10:34 110	16:35 62S	22:34 248

2025 Aug 30 (Sat)	11:22 114	17:21 59S	23:19 244
2025 Aug 31 (Sun)	12:13 117	18:10 56S	
2025 Sep 01 (Mon)	13:06 119	19:02 55S	00:07 242
2025 Sep 02 (Tue)	13:59 119	19:56 55S	00:59 241
2025 Sep 03 (Wed)	14:53 117	20:50 56S	01:53 242
2025 Sep 04 (Thu)	15:44 114	21:44 60S	02:49 244
2025 Sep 05 (Fri)	16:34 110	22:36 64S	03:44 247
2025 Sep 06 (Sat)	17:21 105	23:25 70S	04:38 252
2025 Sep 07 (Sun)	18:07 98		05:31 259
2025 Sep 08 (Mon)	18:52 91	00:14 77S	06:23 265
2025 Sep 09 (Tue)	19:37 84	01:03 84S	07:15 273
2025 Sep 10 (Wed)	20:24 77	01:52 90N	08:09 280
2025 Sep 11 (Thu)	21:14 71	02:43 83N	09:04 286
2025 Sep 12 (Fri)	22:08 66	03:38 77N	10:03 292
2025 Sep 13 (Sat)	23:06 63	04:36 72N	11:04 296
2025 Sep 14 (Sun)		05:37 70N	12:07 298
2025 Sep 15 (Mon)	00:08 61	06:39 69N	13:09 299
2025 Sep 16 (Tue)	01:09 62	07:39 70N	14:08 297
2025 Sep 17 (Wed)	02:09 64	08:36 73N	15:02 294
2025 Sep 18 (Thu)	03:05 68	09:29 77N	15:51 289
2025 Sep 19 (Fri)	03:57 73	10:17 83N	16:35 284
2025 Sep 20 (Sat)	04:46 79	11:02 88N	17:16 278
2025 Sep 21 (Sun)	05:31 85	11:44 87S	17:55 272
2025 Sep 22 (Mon)	06:16 91	12:25 81S	18:32 266
2025 Sep 23 (Tue)	06:59 97	13:05 75S	19:10 260
2025 Sep 24 (Wed)	07:43 103	13:47 69S	19:49 254
2025 Sep 25 (Thu)	08:29 108	14:30 64S	20:29 250
2025 Sep 26 (Fri)	09:16 113	15:15 60S	21:13 246
2025 Sep 27 (Sat)	10:05 116	16:03 57S	22:00 243
2025 Sep 28 (Sun)	10:57 118	16:53 55S	22:50 241
2025 Sep 29 (Mon)	11:49 119	17:46 54S	23:42 241
2025 Sep 30 (Tue)	12:42 118	18:39 56S	
2025 Oct 01 (Wed)	13:33 116	19:32 58S	00:36 243
2025 Oct 02 (Thu)	14:23 112	20:23 62S	01:31 246
2025 Oct 03 (Fri)	15:10 107	21:13 67S	02:24 250
2025 Oct 04 (Sat)	15:56 101	22:02 74S	03:17 255
2025 Oct 05 (Sun)	16:41 95	22:50 81S	04:09 262
2025 Oct 06 (Mon)	17:26 87	23:39 88S	05:01 269
2025 Oct 07 (Tue)	18:13 80		05:54 276
2025 Oct 08 (Wed)	19:03 73	00:31 86N	06:50 283
2025 Oct 09 (Thu)	19:58 68	01:25 80N	07:49 290
2025 Oct 10 (Fri)	20:57 64	02:24 74N	08:52 295
2025 Oct 11 (Sat)	21:59 61	03:26 71N	09:57 298
2025 Oct 12 (Sun)	23:02 61	04:30 69N	11:02 299
2025 Oct 13 (Mon)		05:33 70N	12:03 298
2025 Oct 14 (Tue)	00:04 63	06:32 72N	12:59 295
2025 Oct 15 (Wed)	01:01 67	07:26 76N	13:49 291
2025 Oct 16 (Thu)	01:54 72	08:15 81N	14:34 285
2025 Oct 17 (Fri)	02:43 77	09:00 87N	15:16 280
2025 Oct 18 (Sat)	03:29 83	09:43 89S	15:54 274
2025 Oct 19 (Sun)	04:13 89	10:23 83S	16:32 268
2025 Oct 20 (Mon)	04:57 95	11:04 77S	17:09 262
2025 Oct 21 (Tue)	05:40 101	11:44 71S	17:47 256
2025 Oct 22 (Wed)	06:25 106	12:27 66S	18:27 251
2025 Oct 23 (Thu)	07:11 111	13:11 61S	19:10 247
2025 Oct 24 (Fri)	08:00 115	13:58 58S	19:56 244
2025 Oct 25 (Sat)	08:51 117	14:48 56S	20:44 242
2025 Oct 26 (Sun)	09:43 119	15:39 55S	21:36 241
2025 Oct 27 (Mon)	10:35 118	16:31 55S	22:28 242
2025 Oct 28 (Tue)	11:26 117	17:23 57S	23:21 244
2025 Oct 29 (Wed)	12:15 114	18:14 60S	
2025 Oct 30 (Thu)	13:01 110	19:02 65S	00:14 248
2025 Oct 31 (Fri)	13:46 104	19:50 71S	01:05 253
2025 Nov 01 (Sat)	14:30 98	20:37 77S	01:55 259
2025 Nov 02 (Sun)	15:14 91	21:25 84S	02:46 265
2025 Nov 03 (Mon)	15:59 84	22:14 90N	03:38 272
2025 Nov 04 (Tue)	16:48 77	23:07 83N	04:31 280
2025 Nov 05 (Wed)	17:40 71		05:29 286
2025 Nov 06 (Thu)	18:39 66	00:05 77N	06:31 292
2025 Nov 07 (Fri)	19:42 62	01:07 72N	07:37 296
2025 Nov 08 (Sat)	20:47 61	02:13 70N	08:45 298
2025 Nov 09 (Sun)	21:52 63	03:19 69N	09:50 298

2025 Nov 10 (Mon)	22:53 66	04:22 71N	10:51 296
2025 Nov 11 (Tue)	23:49 70	05:20 75N	11:45 292
2025 Nov 12 (Wed)		06:12 79N	12:32 287
2025 Nov 13 (Thu)	00:41 76	06:59 85N	13:15 281
2025 Nov 14 (Fri)	01:28 82	07:42 91S	13:55 275
2025 Nov 15 (Sat)	02:12 88	08:23 84S	14:33 269
2025 Nov 16 (Sun)	02:56 94	09:03 78S	15:10 263
2025 Nov 17 (Mon)	03:39 99	09:44 73S	15:47 258
2025 Nov 18 (Tue)	04:23 105	10:25 67S	16:26 253
2025 Nov 19 (Wed)	05:08 110	11:09 63S	17:08 248
2025 Nov 20 (Thu)	05:56 114	11:55 59S	17:53 245
2025 Nov 21 (Fri)	06:46 117	12:44 56S	18:41 243
2025 Nov 22 (Sat)	07:38 118	13:35 55S	19:32 241
2025 Nov 23 (Sun)	08:30 118	14:27 55S	20:24 242
2025 Nov 24 (Mon)	09:21 117	15:19 56S	21:16 244
2025 Nov 25 (Tue)	10:11 115	16:09 59S	22:08 247
2025 Nov 26 (Wed)	10:57 111	16:57 63S	22:59 251
2025 Nov 27 (Thu)	11:41 106	17:44 69S	23:48 257
2025 Nov 28 (Fri)	12:24 100	18:29 75S	
2025 Nov 29 (Sat)	13:06 94	19:15 81S	00:36 263
2025 Nov 30 (Sun)	13:49 87	20:01 88S	01:25 269
2025 Dec 01 (Mon)	14:34 80	20:51 86N	02:16 276
2025 Dec 02 (Tue)	15:23 74	21:45 80N	03:10 283
2025 Dec 03 (Wed)	16:17 68	22:44 75N	04:08 289
2025 Dec 04 (Thu)	17:18 64	23:48 71N	05:12 294
2025 Dec 05 (Fri)	18:24 62		06:20 298
2025 Dec 06 (Sat)	19:31 62	00:56 69N	07:28 298
2025 Dec 07 (Sun)	20:37 64	02:03 70N	08:33 297
2025 Dec 08 (Mon)	21:37 68	03:05 73N	09:32 294
2025 Dec 09 (Tue)	22:32 74	04:02 77N	10:25 289
2025 Dec 10 (Wed)	23:22 80	04:53 83N	11:11 283
2025 Dec 11 (Thu)		05:38 89N	11:53 277
2025 Dec 12 (Fri)	00:09 86	06:21 86S	12:32 271
2025 Dec 13 (Sat)	00:53 92	07:02 80S	13:09 265
2025 Dec 14 (Sun)	01:37 98	07:42 74S	13:47 259
2025 Dec 15 (Mon)	02:20 103	08:24 69S	14:25 254
2025 Dec 16 (Tue)	03:05 108	09:06 64S	15:06 250
2025 Dec 17 (Wed)	03:53 112	09:52 60S	15:50 246
2025 Dec 18 (Thu)	04:42 116	10:40 57S	16:37 243
2025 Dec 19 (Fri)	05:33 118	11:30 55S	17:27 242
2025 Dec 20 (Sat)	06:26 118	12:23 55S	18:19 242
2025 Dec 21 (Sun)	07:18 118	13:15 56S	19:13 243
2025 Dec 22 (Mon)	08:08 116	14:06 59S	20:05 246
2025 Dec 23 (Tue)	08:55 112	14:55 62S	20:56 250
2025 Dec 24 (Wed)	09:40 107	15:42 67S	21:45 255
2025 Dec 25 (Thu)	10:23 102	16:27 73S	22:33 261
2025 Dec 26 (Fri)	11:04 96	17:11 79S	23:21 267
2025 Dec 27 (Sat)	11:45 89	17:56 86S	
2025 Dec 28 (Sun)	12:28 83	18:42 89N	00:09 274
2025 Dec 29 (Mon)	13:13 76	19:32 82N	00:59 281
2025 Dec 30 (Tue)	14:03 70	20:27 77N	01:53 287
2025 Dec 31 (Wed)	14:58 66	21:26 72N	02:52 292