

Sun

Narathiwat

Location: E101°49'11.9", N 6°25'26.4", 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)	05:35	06:23	113	12:16	61S	18:09	247	18:58
2025	Jan	02 (Thu)	05:35	06:24	113	12:17	61S	18:10	247	18:58
2025	Jan	03 (Fri)	05:36	06:24	113	12:17	61S	18:10	247	18:59
2025	Jan	04 (Sat)	05:36	06:25	113	12:18	62S	18:11	247	18:59
2025	Jan	05 (Sun)	05:37	06:25	113	12:18	62S	18:11	247	19:00
2025	Jan	06 (Mon)	05:37	06:25	113	12:19	62S	18:12	248	19:00
2025	Jan	07 (Tue)	05:37	06:26	112	12:19	62S	18:12	248	19:01
2025	Jan	08 (Wed)	05:38	06:26	112	12:19	62S	18:13	248	19:01
2025	Jan	09 (Thu)	05:38	06:27	112	12:20	62S	18:13	248	19:01
2025	Jan	10 (Fri)	05:39	06:27	112	12:20	62S	18:14	248	19:02
2025	Jan	11 (Sat)	05:39	06:27	112	12:21	63S	18:14	248	19:02
2025	Jan	12 (Sun)	05:39	06:28	112	12:21	63S	18:15	248	19:03
2025	Jan	13 (Mon)	05:40	06:28	112	12:21	63S	18:15	249	19:03
2025	Jan	14 (Tue)	05:40	06:28	111	12:22	63S	18:15	249	19:03
2025	Jan	15 (Wed)	05:40	06:28	111	12:22	63S	18:16	249	19:04
2025	Jan	16 (Thu)	05:41	06:29	111	12:22	63S	18:16	249	19:04
2025	Jan	17 (Fri)	05:41	06:29	111	12:23	64S	18:17	249	19:05
2025	Jan	18 (Sat)	05:41	06:29	111	12:23	64S	18:17	250	19:05
2025	Jan	19 (Sun)	05:42	06:29	110	12:23	64S	18:18	250	19:05
2025	Jan	20 (Mon)	05:42	06:30	110	12:24	64S	18:18	250	19:06
2025	Jan	21 (Tue)	05:42	06:30	110	12:24	64S	18:18	250	19:06
2025	Jan	22 (Wed)	05:42	06:30	110	12:24	65S	18:19	250	19:06
2025	Jan	23 (Thu)	05:42	06:30	109	12:25	65S	18:19	251	19:07
2025	Jan	24 (Fri)	05:43	06:30	109	12:25	65S	18:19	251	19:07
2025	Jan	25 (Sat)	05:43	06:30	109	12:25	65S	18:20	251	19:07
2025	Jan	26 (Sun)	05:43	06:30	109	12:25	66S	18:20	251	19:07
2025	Jan	27 (Mon)	05:43	06:30	108	12:25	66S	18:20	252	19:08
2025	Jan	28 (Tue)	05:43	06:31	108	12:26	66S	18:21	252	19:08
2025	Jan	29 (Wed)	05:43	06:31	108	12:26	66S	18:21	252	19:08
2025	Jan	30 (Thu)	05:44	06:31	108	12:26	67S	18:21	252	19:08
2025	Jan	31 (Fri)	05:44	06:31	107	12:26	67S	18:22	253	19:09
2025	Feb	01 (Sat)	05:44	06:31	107	12:26	67S	18:22	253	19:09
2025	Feb	02 (Sun)	05:44	06:31	107	12:26	68S	18:22	253	19:09
2025	Feb	03 (Mon)	05:44	06:31	107	12:27	68S	18:22	254	19:09
2025	Feb	04 (Tue)	05:44	06:31	106	12:27	68S	18:23	254	19:09
2025	Feb	05 (Wed)	05:44	06:31	106	12:27	68S	18:23	254	19:09
2025	Feb	06 (Thu)	05:44	06:30	106	12:27	69S	18:23	255	19:10
2025	Feb	07 (Fri)	05:44	06:30	105	12:27	69S	18:23	255	19:10
2025	Feb	08 (Sat)	05:44	06:30	105	12:27	69S	18:24	255	19:10
2025	Feb	09 (Sun)	05:44	06:30	105	12:27	70S	18:24	255	19:10
2025	Feb	10 (Mon)	05:44	06:30	104	12:27	70S	18:24	256	19:10
2025	Feb	11 (Tue)	05:44	06:30	104	12:27	70S	18:24	256	19:10
2025	Feb	12 (Wed)	05:44	06:30	104	12:27	71S	18:24	256	19:10
2025	Feb	13 (Thu)	05:43	06:30	103	12:27	71S	18:24	257	19:10
2025	Feb	14 (Fri)	05:43	06:29	103	12:27	71S	18:24	257	19:10
2025	Feb	15 (Sat)	05:43	06:29	103	12:27	72S	18:25	258	19:10
2025	Feb	16 (Sun)	05:43	06:29	102	12:27	72S	18:25	258	19:10
2025	Feb	17 (Mon)	05:43	06:29	102	12:27	72S	18:25	258	19:11
2025	Feb	18 (Tue)	05:43	06:29	102	12:27	73S	18:25	259	19:11
2025	Feb	19 (Wed)	05:43	06:28	101	12:27	73S	18:25	259	19:11
2025	Feb	20 (Thu)	05:42	06:28	101	12:26	73S	18:25	259	19:11
2025	Feb	21 (Fri)	05:42	06:28	101	12:26	74S	18:25	260	19:11
2025	Feb	22 (Sat)	05:42	06:27	100	12:26	74S	18:25	260	19:11
2025	Feb	23 (Sun)	05:42	06:27	100	12:26	75S	18:25	260	19:11
2025	Feb	24 (Mon)	05:41	06:27	99	12:26	75S	18:25	261	19:10
2025	Feb	25 (Tue)	05:41	06:27	99	12:26	75S	18:25	261	19:10
2025	Feb	26 (Wed)	05:41	06:26	99	12:26	76S	18:25	262	19:10
2025	Feb	27 (Thu)	05:40	06:26	98	12:25	76S	18:25	262	19:10
2025	Feb	28 (Fri)	05:40	06:25	98	12:25	76S	18:25	262	19:10
2025	Mar	01 (Sat)	05:40	06:25	98	12:25	77S	18:25	263	19:10

2025	Mar	02	(Sun)	05:40	06:25	97	12:25	77S	18:25	263	19:10
2025	Mar	03	(Mon)	05:39	06:24	97	12:25	78S	18:25	263	19:10
2025	Mar	04	(Tue)	05:39	06:24	96	12:24	78S	18:25	264	19:10
2025	Mar	05	(Wed)	05:38	06:24	96	12:24	78S	18:25	264	19:10
2025	Mar	06	(Thu)	05:38	06:23	96	12:24	79S	18:25	265	19:10
2025	Mar	07	(Fri)	05:38	06:23	95	12:24	79S	18:25	265	19:10
2025	Mar	08	(Sat)	05:37	06:22	95	12:23	79S	18:25	265	19:10
2025	Mar	09	(Sun)	05:37	06:22	94	12:23	80S	18:25	266	19:10
2025	Mar	10	(Mon)	05:37	06:22	94	12:23	80S	18:25	266	19:10
2025	Mar	11	(Tue)	05:36	06:21	94	12:23	81S	18:24	267	19:09
2025	Mar	12	(Wed)	05:36	06:21	93	12:22	81S	18:24	267	19:09
2025	Mar	13	(Thu)	05:35	06:20	93	12:22	81S	18:24	267	19:09
2025	Mar	14	(Fri)	05:35	06:20	92	12:22	82S	18:24	268	19:09
2025	Mar	15	(Sat)	05:34	06:19	92	12:22	82S	18:24	268	19:09
2025	Mar	16	(Sun)	05:34	06:19	92	12:21	83S	18:24	269	19:09
2025	Mar	17	(Mon)	05:33	06:18	91	12:21	83S	18:24	269	19:09
2025	Mar	18	(Tue)	05:33	06:18	91	12:21	83S	18:24	269	19:09
2025	Mar	19	(Wed)	05:33	06:17	90	12:20	84S	18:24	270	19:09
2025	Mar	20	(Thu)	05:32	06:17	90	12:20	84S	18:23	270	19:08
2025	Mar	21	(Fri)	05:32	06:16	90	12:20	85S	18:23	271	19:08
2025	Mar	22	(Sat)	05:31	06:16	89	12:20	85S	18:23	271	19:08
2025	Mar	23	(Sun)	05:31	06:16	89	12:19	85S	18:23	271	19:08
2025	Mar	24	(Mon)	05:30	06:15	88	12:19	86S	18:23	272	19:08
2025	Mar	25	(Tue)	05:30	06:15	88	12:19	86S	18:23	272	19:08
2025	Mar	26	(Wed)	05:29	06:14	88	12:18	87S	18:23	273	19:08
2025	Mar	27	(Thu)	05:29	06:14	87	12:18	87S	18:23	273	19:08
2025	Mar	28	(Fri)	05:28	06:13	87	12:18	87S	18:22	273	19:08
2025	Mar	29	(Sat)	05:28	06:13	87	12:17	88S	18:22	274	19:07
2025	Mar	30	(Sun)	05:27	06:12	86	12:17	88S	18:22	274	19:07
2025	Mar	31	(Mon)	05:27	06:12	86	12:17	89S	18:22	274	19:07
2025	Apr	01	(Tue)	05:26	06:11	85	12:17	89S	18:22	275	19:07
2025	Apr	02	(Wed)	05:26	06:11	85	12:16	89S	18:22	275	19:07
2025	Apr	03	(Thu)	05:25	06:10	85	12:16	90S	18:22	276	19:07
2025	Apr	04	(Fri)	05:25	06:10	84	12:16	90S	18:22	276	19:07
2025	Apr	05	(Sat)	05:24	06:09	84	12:15	90S	18:22	276	19:07
2025	Apr	06	(Sun)	05:24	06:09	83	12:15	91N	18:21	277	19:07
2025	Apr	07	(Mon)	05:23	06:08	83	12:15	90N	18:21	277	19:07
2025	Apr	08	(Tue)	05:23	06:08	83	12:15	90N	18:21	278	19:07
2025	Apr	09	(Wed)	05:22	06:08	82	12:14	89N	18:21	278	19:07
2025	Apr	10	(Thu)	05:22	06:07	82	12:14	89N	18:21	278	19:07
2025	Apr	11	(Fri)	05:21	06:07	82	12:14	89N	18:21	279	19:06
2025	Apr	12	(Sat)	05:21	06:06	81	12:13	88N	18:21	279	19:06
2025	Apr	13	(Sun)	05:20	06:06	81	12:13	88N	18:21	279	19:06
2025	Apr	14	(Mon)	05:20	06:05	80	12:13	88N	18:21	280	19:06
2025	Apr	15	(Tue)	05:19	06:05	80	12:13	87N	18:21	280	19:06
2025	Apr	16	(Wed)	05:19	06:05	80	12:13	87N	18:21	280	19:06
2025	Apr	17	(Thu)	05:18	06:04	79	12:12	87N	18:20	281	19:06
2025	Apr	18	(Fri)	05:18	06:04	79	12:12	86N	18:20	281	19:06
2025	Apr	19	(Sat)	05:17	06:03	79	12:12	86N	18:20	282	19:06
2025	Apr	20	(Sun)	05:17	06:03	78	12:12	86N	18:20	282	19:06
2025	Apr	21	(Mon)	05:17	06:03	78	12:11	85N	18:20	282	19:06
2025	Apr	22	(Tue)	05:16	06:02	78	12:11	85N	18:20	283	19:06
2025	Apr	23	(Wed)	05:16	06:02	77	12:11	85N	18:20	283	19:06
2025	Apr	24	(Thu)	05:15	06:02	77	12:11	84N	18:20	283	19:07
2025	Apr	25	(Fri)	05:15	06:01	77	12:11	84N	18:20	284	19:07
2025	Apr	26	(Sat)	05:14	06:01	76	12:11	84N	18:20	284	19:07
2025	Apr	27	(Sun)	05:14	06:01	76	12:10	83N	18:20	284	19:07
2025	Apr	28	(Mon)	05:14	06:00	76	12:10	83N	18:20	285	19:07
2025	Apr	29	(Tue)	05:13	06:00	75	12:10	83N	18:20	285	19:07
2025	Apr	30	(Wed)	05:13	06:00	75	12:10	82N	18:20	285	19:07
2025	May	01	(Thu)	05:13	05:59	75	12:10	82N	18:20	285	19:07
2025	May	02	(Fri)	05:12	05:59	74	12:10	82N	18:20	286	19:07
2025	May	03	(Sat)	05:12	05:59	74	12:10	81N	18:20	286	19:07
2025	May	04	(Sun)	05:12	05:59	74	12:10	81N	18:20	286	19:07
2025	May	05	(Mon)	05:11	05:58	74	12:09	81N	18:20	287	19:08
2025	May	06	(Tue)	05:11	05:58	73	12:09	81N	18:21	287	19:08
2025	May	07	(Wed)	05:11	05:58	73	12:09	80N	18:21	287	19:08
2025	May	08	(Thu)	05:11	05:58	73	12:09	80N	18:21	287	19:08
2025	May	09	(Fri)	05:10	05:58	72	12:09	80N	18:21	288	19:08
2025	May	10	(Sat)	05:10	05:57	72	12:09	79N	18:21	288	19:08
2025	May	11	(Sun)	05:10	05:57	72	12:09	79N	18:21	288	19:09
2025	May	12	(Mon)	05:10	05:57	72	12:09	79N	18:21	288	19:09

2025	May	13	(Tue)	05:09	05:57	71	12:09	79N	18:21	289	19:09
2025	May	14	(Wed)	05:09	05:57	71	12:09	78N	18:21	289	19:09
2025	May	15	(Thu)	05:09	05:57	71	12:09	78N	18:21	289	19:09
2025	May	16	(Fri)	05:09	05:57	71	12:09	78N	18:22	289	19:10
2025	May	17	(Sat)	05:09	05:57	70	12:09	78N	18:22	290	19:10
2025	May	18	(Sun)	05:08	05:56	70	12:09	78N	18:22	290	19:10
2025	May	19	(Mon)	05:08	05:56	70	12:09	77N	18:22	290	19:10
2025	May	20	(Tue)	05:08	05:56	70	12:09	77N	18:22	290	19:10
2025	May	21	(Wed)	05:08	05:56	70	12:09	77N	18:22	291	19:11
2025	May	22	(Thu)	05:08	05:56	69	12:09	77N	18:23	291	19:11
2025	May	23	(Fri)	05:08	05:56	69	12:09	77N	18:23	291	19:11
2025	May	24	(Sat)	05:08	05:56	69	12:10	76N	18:23	291	19:11
2025	May	25	(Sun)	05:08	05:56	69	12:10	76N	18:23	291	19:12
2025	May	26	(Mon)	05:08	05:56	69	12:10	76N	18:23	291	19:12
2025	May	27	(Tue)	05:08	05:56	68	12:10	76N	18:24	292	19:12
2025	May	28	(Wed)	05:08	05:56	68	12:10	76N	18:24	292	19:13
2025	May	29	(Thu)	05:08	05:56	68	12:10	75N	18:24	292	19:13
2025	May	30	(Fri)	05:08	05:56	68	12:10	75N	18:24	292	19:13
2025	May	31	(Sat)	05:08	05:56	68	12:10	75N	18:24	292	19:13
2025	Jun	01	(Sun)	05:08	05:56	68	12:11	75N	18:25	292	19:14
2025	Jun	02	(Mon)	05:08	05:57	68	12:11	75N	18:25	293	19:14
2025	Jun	03	(Tue)	05:08	05:57	67	12:11	75N	18:25	293	19:14
2025	Jun	04	(Wed)	05:08	05:57	67	12:11	75N	18:25	293	19:14
2025	Jun	05	(Thu)	05:08	05:57	67	12:11	75N	18:26	293	19:15
2025	Jun	06	(Fri)	05:08	05:57	67	12:11	74N	18:26	293	19:15
2025	Jun	07	(Sat)	05:08	05:57	67	12:12	74N	18:26	293	19:15
2025	Jun	08	(Sun)	05:08	05:57	67	12:12	74N	18:26	293	19:16
2025	Jun	09	(Mon)	05:08	05:57	67	12:12	74N	18:27	293	19:16
2025	Jun	10	(Tue)	05:08	05:58	67	12:12	74N	18:27	293	19:16
2025	Jun	11	(Wed)	05:08	05:58	67	12:12	74N	18:27	293	19:16
2025	Jun	12	(Thu)	05:09	05:58	67	12:13	74N	18:27	293	19:17
2025	Jun	13	(Fri)	05:09	05:58	67	12:13	74N	18:28	293	19:17
2025	Jun	14	(Sat)	05:09	05:58	66	12:13	74N	18:28	294	19:17
2025	Jun	15	(Sun)	05:09	05:58	66	12:13	74N	18:28	294	19:17
2025	Jun	16	(Mon)	05:09	05:59	66	12:13	74N	18:28	294	19:18
2025	Jun	17	(Tue)	05:09	05:59	66	12:14	74N	18:29	294	19:18
2025	Jun	18	(Wed)	05:10	05:59	66	12:14	74N	18:29	294	19:18
2025	Jun	19	(Thu)	05:10	05:59	66	12:14	74N	18:29	294	19:18
2025	Jun	20	(Fri)	05:10	05:59	66	12:14	74N	18:29	294	19:19
2025	Jun	21	(Sat)	05:10	06:00	66	12:15	74N	18:29	294	19:19
2025	Jun	22	(Sun)	05:10	06:00	66	12:15	74N	18:30	294	19:19
2025	Jun	23	(Mon)	05:11	06:00	66	12:15	74N	18:30	294	19:19
2025	Jun	24	(Tue)	05:11	06:00	66	12:15	74N	18:30	294	19:19
2025	Jun	25	(Wed)	05:11	06:01	66	12:15	74N	18:30	294	19:20
2025	Jun	26	(Thu)	05:11	06:01	66	12:16	74N	18:30	294	19:20
2025	Jun	27	(Fri)	05:12	06:01	66	12:16	74N	18:31	294	19:20
2025	Jun	28	(Sat)	05:12	06:01	66	12:16	74N	18:31	294	19:20
2025	Jun	29	(Sun)	05:12	06:01	67	12:16	74N	18:31	293	19:20
2025	Jun	30	(Mon)	05:12	06:02	67	12:16	74N	18:31	293	19:20
2025	Jul	01	(Tue)	05:13	06:02	67	12:17	74N	18:31	293	19:21
2025	Jul	02	(Wed)	05:13	06:02	67	12:17	74N	18:31	293	19:21
2025	Jul	03	(Thu)	05:13	06:02	67	12:17	74N	18:32	293	19:21
2025	Jul	04	(Fri)	05:13	06:03	67	12:17	74N	18:32	293	19:21
2025	Jul	05	(Sat)	05:14	06:03	67	12:17	74N	18:32	293	19:21
2025	Jul	06	(Sun)	05:14	06:03	67	12:18	74N	18:32	293	19:21
2025	Jul	07	(Mon)	05:14	06:03	67	12:18	75N	18:32	293	19:21
2025	Jul	08	(Tue)	05:14	06:04	67	12:18	75N	18:32	293	19:21
2025	Jul	09	(Wed)	05:15	06:04	67	12:18	75N	18:32	293	19:21
2025	Jul	10	(Thu)	05:15	06:04	68	12:18	75N	18:32	292	19:21
2025	Jul	11	(Fri)	05:15	06:04	68	12:18	75N	18:32	292	19:21
2025	Jul	12	(Sat)	05:15	06:04	68	12:18	75N	18:32	292	19:21
2025	Jul	13	(Sun)	05:16	06:05	68	12:19	75N	18:32	292	19:21
2025	Jul	14	(Mon)	05:16	06:05	68	12:19	75N	18:32	292	19:21
2025	Jul	15	(Tue)	05:16	06:05	68	12:19	76N	18:32	292	19:21
2025	Jul	16	(Wed)	05:16	06:05	68	12:19	76N	18:32	292	19:21
2025	Jul	17	(Thu)	05:17	06:05	69	12:19	76N	18:32	291	19:21
2025	Jul	18	(Fri)	05:17	06:05	69	12:19	76N	18:32	291	19:21
2025	Jul	19	(Sat)	05:17	06:06	69	12:19	76N	18:32	291	19:21
2025	Jul	20	(Sun)	05:17	06:06	69	12:19	77N	18:32	291	19:21
2025	Jul	21	(Mon)	05:18	06:06	69	12:19	77N	18:32	291	19:21
2025	Jul	22	(Tue)	05:18	06:06	69	12:19	77N	18:32	290	19:20
2025	Jul	23	(Wed)	05:18	06:06	70	12:19	77N	18:32	290	19:20

2025	Jul	24	(Thu)	05:18	06:06	70	12:19	77N	18:32	290	19:20
2025	Jul	25	(Fri)	05:18	06:07	70	12:19	78N	18:32	290	19:20
2025	Jul	26	(Sat)	05:19	06:07	70	12:19	78N	18:32	290	19:20
2025	Jul	27	(Sun)	05:19	06:07	71	12:19	78N	18:32	289	19:20
2025	Jul	28	(Mon)	05:19	06:07	71	12:19	78N	18:32	289	19:19
2025	Jul	29	(Tue)	05:19	06:07	71	12:19	78N	18:31	289	19:19
2025	Jul	30	(Wed)	05:19	06:07	71	12:19	79N	18:31	289	19:19
2025	Jul	31	(Thu)	05:19	06:07	72	12:19	79N	18:31	288	19:19
2025	Aug	01	(Fri)	05:20	06:07	72	12:19	79N	18:31	288	19:18
2025	Aug	02	(Sat)	05:20	06:07	72	12:19	79N	18:31	288	19:18
2025	Aug	03	(Sun)	05:20	06:07	72	12:19	80N	18:30	288	19:18
2025	Aug	04	(Mon)	05:20	06:07	73	12:19	80N	18:30	287	19:18
2025	Aug	05	(Tue)	05:20	06:07	73	12:19	80N	18:30	287	19:17
2025	Aug	06	(Wed)	05:20	06:07	73	12:19	81N	18:30	287	19:17
2025	Aug	07	(Thu)	05:20	06:07	73	12:19	81N	18:30	286	19:17
2025	Aug	08	(Fri)	05:20	06:08	74	12:18	81N	18:29	286	19:16
2025	Aug	09	(Sat)	05:21	06:08	74	12:18	81N	18:29	286	19:16
2025	Aug	10	(Sun)	05:21	06:08	74	12:18	82N	18:29	286	19:16
2025	Aug	11	(Mon)	05:21	06:08	75	12:18	82N	18:28	285	19:15
2025	Aug	12	(Tue)	05:21	06:07	75	12:18	82N	18:28	285	19:15
2025	Aug	13	(Wed)	05:21	06:07	75	12:18	83N	18:28	285	19:14
2025	Aug	14	(Thu)	05:21	06:07	75	12:17	83N	18:27	284	19:14
2025	Aug	15	(Fri)	05:21	06:07	76	12:17	83N	18:27	284	19:13
2025	Aug	16	(Sat)	05:21	06:07	76	12:17	83N	18:27	284	19:13
2025	Aug	17	(Sun)	05:21	06:07	76	12:17	84N	18:26	283	19:13
2025	Aug	18	(Mon)	05:21	06:07	77	12:17	84N	18:26	283	19:12
2025	Aug	19	(Tue)	05:21	06:07	77	12:16	84N	18:25	283	19:12
2025	Aug	20	(Wed)	05:21	06:07	77	12:16	85N	18:25	282	19:11
2025	Aug	21	(Thu)	05:21	06:07	78	12:16	85N	18:25	282	19:11
2025	Aug	22	(Fri)	05:21	06:07	78	12:16	85N	18:24	282	19:10
2025	Aug	23	(Sat)	05:21	06:07	78	12:15	86N	18:24	281	19:10
2025	Aug	24	(Sun)	05:21	06:07	79	12:15	86N	18:23	281	19:09
2025	Aug	25	(Mon)	05:21	06:07	79	12:15	86N	18:23	281	19:09
2025	Aug	26	(Tue)	05:21	06:07	79	12:15	87N	18:23	280	19:08
2025	Aug	27	(Wed)	05:21	06:06	80	12:14	87N	18:22	280	19:08
2025	Aug	28	(Thu)	05:21	06:06	80	12:14	88N	18:22	280	19:07
2025	Aug	29	(Fri)	05:20	06:06	80	12:14	88N	18:21	279	19:07
2025	Aug	30	(Sat)	05:20	06:06	81	12:13	88N	18:21	279	19:06
2025	Aug	31	(Sun)	05:20	06:06	81	12:13	89N	18:20	279	19:06
2025	Sep	01	(Mon)	05:20	06:06	82	12:13	89N	18:20	278	19:05
2025	Sep	02	(Tue)	05:20	06:06	82	12:12	89N	18:19	278	19:05
2025	Sep	03	(Wed)	05:20	06:05	82	12:12	90N	18:19	277	19:04
2025	Sep	04	(Thu)	05:20	06:05	83	12:12	90N	18:18	277	19:04
2025	Sep	05	(Fri)	05:20	06:05	83	12:11	90N	18:18	277	19:03
2025	Sep	06	(Sat)	05:20	06:05	83	12:11	91S	18:17	276	19:02
2025	Sep	07	(Sun)	05:19	06:05	84	12:11	90S	18:17	276	19:02
2025	Sep	08	(Mon)	05:19	06:05	84	12:10	90S	18:16	276	19:01
2025	Sep	09	(Tue)	05:19	06:04	85	12:10	89S	18:16	275	19:01
2025	Sep	10	(Wed)	05:19	06:04	85	12:10	89S	18:15	275	19:00
2025	Sep	11	(Thu)	05:19	06:04	85	12:09	89S	18:15	274	19:00
2025	Sep	12	(Fri)	05:19	06:04	86	12:09	88S	18:14	274	18:59
2025	Sep	13	(Sat)	05:19	06:04	86	12:09	88S	18:14	274	18:59
2025	Sep	14	(Sun)	05:18	06:04	86	12:08	88S	18:13	273	18:58
2025	Sep	15	(Mon)	05:18	06:03	87	12:08	87S	18:12	273	18:58
2025	Sep	16	(Tue)	05:18	06:03	87	12:08	87S	18:12	273	18:57
2025	Sep	17	(Wed)	05:18	06:03	88	12:07	86S	18:11	272	18:56
2025	Sep	18	(Thu)	05:18	06:03	88	12:07	86S	18:11	272	18:56
2025	Sep	19	(Fri)	05:18	06:03	88	12:07	86S	18:10	271	18:55
2025	Sep	20	(Sat)	05:17	06:02	89	12:06	85S	18:10	271	18:55
2025	Sep	21	(Sun)	05:17	06:02	89	12:06	85S	18:09	271	18:54
2025	Sep	22	(Mon)	05:17	06:02	90	12:05	84S	18:09	270	18:54
2025	Sep	23	(Tue)	05:17	06:02	90	12:05	84S	18:08	270	18:53
2025	Sep	24	(Wed)	05:17	06:02	90	12:05	84S	18:08	269	18:53
2025	Sep	25	(Thu)	05:17	06:02	91	12:04	83S	18:07	269	18:52
2025	Sep	26	(Fri)	05:16	06:01	91	12:04	83S	18:07	269	18:52
2025	Sep	27	(Sat)	05:16	06:01	92	12:04	83S	18:06	268	18:51
2025	Sep	28	(Sun)	05:16	06:01	92	12:03	82S	18:06	268	18:51
2025	Sep	29	(Mon)	05:16	06:01	92	12:03	82S	18:05	267	18:50
2025	Sep	30	(Tue)	05:16	06:01	93	12:03	81S	18:05	267	18:50
2025	Oct	01	(Wed)	05:16	06:01	93	12:02	81S	18:04	267	18:49
2025	Oct	02	(Thu)	05:15	06:00	94	12:02	81S	18:04	266	18:49
2025	Oct	03	(Fri)	05:15	06:00	94	12:02	80S	18:03	266	18:48

2025	Oct	04	(Sat)	05:15	06:00	94	12:01	80S	18:03	266	18:48
2025	Oct	05	(Sun)	05:15	06:00	95	12:01	79S	18:02	265	18:47
2025	Oct	06	(Mon)	05:15	06:00	95	12:01	79S	18:02	265	18:47
2025	Oct	07	(Tue)	05:15	06:00	95	12:01	79S	18:01	264	18:46
2025	Oct	08	(Wed)	05:15	06:00	96	12:00	78S	18:01	264	18:46
2025	Oct	09	(Thu)	05:14	06:00	96	12:00	78S	18:00	264	18:46
2025	Oct	10	(Fri)	05:14	05:59	97	12:00	78S	18:00	263	18:45
2025	Oct	11	(Sat)	05:14	05:59	97	11:59	77S	18:00	263	18:45
2025	Oct	12	(Sun)	05:14	05:59	97	11:59	77S	17:59	262	18:44
2025	Oct	13	(Mon)	05:14	05:59	98	11:59	76S	17:59	262	18:44
2025	Oct	14	(Tue)	05:14	05:59	98	11:59	76S	17:58	262	18:44
2025	Oct	15	(Wed)	05:14	05:59	98	11:59	76S	17:58	261	18:43
2025	Oct	16	(Thu)	05:14	05:59	99	11:58	75S	17:58	261	18:43
2025	Oct	17	(Fri)	05:13	05:59	99	11:58	75S	17:57	261	18:43
2025	Oct	18	(Sat)	05:13	05:59	100	11:58	75S	17:57	260	18:42
2025	Oct	19	(Sun)	05:13	05:59	100	11:58	74S	17:56	260	18:42
2025	Oct	20	(Mon)	05:13	05:59	100	11:58	74S	17:56	260	18:42
2025	Oct	21	(Tue)	05:13	05:59	101	11:57	74S	17:56	259	18:41
2025	Oct	22	(Wed)	05:13	05:59	101	11:57	73S	17:55	259	18:41
2025	Oct	23	(Thu)	05:13	05:59	101	11:57	73S	17:55	258	18:41
2025	Oct	24	(Fri)	05:13	05:59	102	11:57	72S	17:55	258	18:41
2025	Oct	25	(Sat)	05:13	05:59	102	11:57	72S	17:55	258	18:40
2025	Oct	26	(Sun)	05:13	05:59	102	11:57	72S	17:54	257	18:40
2025	Oct	27	(Mon)	05:13	05:59	103	11:57	71S	17:54	257	18:40
2025	Oct	28	(Tue)	05:13	05:59	103	11:57	71S	17:54	257	18:40
2025	Oct	29	(Wed)	05:13	05:59	103	11:56	71S	17:54	256	18:40
2025	Oct	30	(Thu)	05:13	05:59	104	11:56	70S	17:53	256	18:40
2025	Oct	31	(Fri)	05:13	05:59	104	11:56	70S	17:53	256	18:40
2025	Nov	01	(Sat)	05:13	06:00	104	11:56	70S	17:53	255	18:39
2025	Nov	02	(Sun)	05:13	06:00	105	11:56	69S	17:53	255	18:39
2025	Nov	03	(Mon)	05:13	06:00	105	11:56	69S	17:53	255	18:39
2025	Nov	04	(Tue)	05:13	06:00	105	11:56	69S	17:53	254	18:39
2025	Nov	05	(Wed)	05:14	06:00	106	11:56	69S	17:52	254	18:39
2025	Nov	06	(Thu)	05:14	06:00	106	11:56	68S	17:52	254	18:39
2025	Nov	07	(Fri)	05:14	06:00	106	11:56	68S	17:52	254	18:39
2025	Nov	08	(Sat)	05:14	06:01	107	11:56	68S	17:52	253	18:39
2025	Nov	09	(Sun)	05:14	06:01	107	11:57	67S	17:52	253	18:39
2025	Nov	10	(Mon)	05:14	06:01	107	11:57	67S	17:52	253	18:39
2025	Nov	11	(Tue)	05:14	06:01	107	11:57	67S	17:52	252	18:39
2025	Nov	12	(Wed)	05:14	06:02	108	11:57	67S	17:52	252	18:39
2025	Nov	13	(Thu)	05:15	06:02	108	11:57	66S	17:52	252	18:39
2025	Nov	14	(Fri)	05:15	06:02	108	11:57	66S	17:52	252	18:39
2025	Nov	15	(Sat)	05:15	06:02	109	11:57	66S	17:52	251	18:39
2025	Nov	16	(Sun)	05:15	06:03	109	11:57	65S	17:52	251	18:40
2025	Nov	17	(Mon)	05:16	06:03	109	11:58	65S	17:52	251	18:40
2025	Nov	18	(Tue)	05:16	06:03	109	11:58	65S	17:52	251	18:40
2025	Nov	19	(Wed)	05:16	06:04	109	11:58	65S	17:53	250	18:40
2025	Nov	20	(Thu)	05:16	06:04	110	11:58	65S	17:53	250	18:40
2025	Nov	21	(Fri)	05:17	06:04	110	11:59	64S	17:53	250	18:41
2025	Nov	22	(Sat)	05:17	06:05	110	11:59	64S	17:53	250	18:41
2025	Nov	23	(Sun)	05:17	06:05	110	11:59	64S	17:53	250	18:41
2025	Nov	24	(Mon)	05:18	06:05	111	11:59	64S	17:53	249	18:41
2025	Nov	25	(Tue)	05:18	06:06	111	12:00	63S	17:54	249	18:41
2025	Nov	26	(Wed)	05:18	06:06	111	12:00	63S	17:54	249	18:42
2025	Nov	27	(Thu)	05:19	06:07	111	12:00	63S	17:54	249	18:42
2025	Nov	28	(Fri)	05:19	06:07	111	12:01	63S	17:54	249	18:42
2025	Nov	29	(Sat)	05:19	06:07	112	12:01	63S	17:55	248	18:43
2025	Nov	30	(Sun)	05:20	06:08	112	12:01	63S	17:55	248	18:43
2025	Dec	01	(Mon)	05:20	06:08	112	12:02	62S	17:55	248	18:43
2025	Dec	02	(Tue)	05:20	06:09	112	12:02	62S	17:55	248	18:44
2025	Dec	03	(Wed)	05:21	06:09	112	12:03	62S	17:56	248	18:44
2025	Dec	04	(Thu)	05:21	06:10	112	12:03	62S	17:56	248	18:44
2025	Dec	05	(Fri)	05:22	06:10	112	12:03	62S	17:56	248	18:45
2025	Dec	06	(Sat)	05:22	06:11	113	12:04	62S	17:57	247	18:45
2025	Dec	07	(Sun)	05:23	06:11	113	12:04	62S	17:57	247	18:46
2025	Dec	08	(Mon)	05:23	06:12	113	12:05	62S	17:58	247	18:46
2025	Dec	09	(Tue)	05:24	06:12	113	12:05	61S	17:58	247	18:47
2025	Dec	10	(Wed)	05:24	06:13	113	12:05	61S	17:58	247	18:47
2025	Dec	11	(Thu)	05:24	06:13	113	12:06	61S	17:59	247	18:47
2025	Dec	12	(Fri)	05:25	06:14	113	12:06	61S	17:59	247	18:48
2025	Dec	13	(Sat)	05:25	06:14	113	12:07	61S	18:00	247	18:48
2025	Dec	14	(Sun)	05:26	06:15	113	12:07	61S	18:00	247	18:49

2025	Dec 15	(Mon)	05:26	06:15	113	12:08	61S	18:00	247	18:49
2025	Dec 16	(Tue)	05:27	06:16	113	12:08	61S	18:01	247	18:50
2025	Dec 17	(Wed)	05:27	06:16	113	12:09	61S	18:01	247	18:50
2025	Dec 18	(Thu)	05:28	06:17	113	12:09	61S	18:02	247	18:51
2025	Dec 19	(Fri)	05:28	06:17	113	12:10	61S	18:02	247	18:51
2025	Dec 20	(Sat)	05:29	06:18	113	12:10	61S	18:03	247	18:52
2025	Dec 21	(Sun)	05:29	06:18	113	12:11	61S	18:03	247	18:52
2025	Dec 22	(Mon)	05:30	06:19	113	12:11	61S	18:04	247	18:53
2025	Dec 23	(Tue)	05:30	06:19	113	12:12	61S	18:04	247	18:53
2025	Dec 24	(Wed)	05:31	06:20	113	12:12	61S	18:05	247	18:54
2025	Dec 25	(Thu)	05:31	06:20	113	12:13	61S	18:05	247	18:54
2025	Dec 26	(Fri)	05:32	06:21	113	12:13	61S	18:06	247	18:55
2025	Dec 27	(Sat)	05:32	06:21	113	12:14	61S	18:06	247	18:55
2025	Dec 28	(Sun)	05:33	06:22	113	12:14	61S	18:07	247	18:56
2025	Dec 29	(Mon)	05:33	06:22	113	12:15	61S	18:07	247	18:56
2025	Dec 30	(Tue)	05:34	06:22	113	12:15	61S	18:08	247	18:57
2025	Dec 31	(Wed)	05:34	06:23	113	12:16	61S	18:08	247	18:57

Sun

Narathiwat

Location: E101°49'11.9", N 6°25'26.4", 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)	06:01	06:23	113	12:16	61S	18:09	247	18:32
2025	Jan 02	(Thu)	06:01	06:24	113	12:17	61S	18:10	247	18:32
2025	Jan 03	(Fri)	06:02	06:24	113	12:17	61S	18:10	247	18:33
2025	Jan 04	(Sat)	06:02	06:25	113	12:18	62S	18:11	247	18:33
2025	Jan 05	(Sun)	06:03	06:25	113	12:18	62S	18:11	247	18:34
2025	Jan 06	(Mon)	06:03	06:25	113	12:19	62S	18:12	248	18:34
2025	Jan 07	(Tue)	06:03	06:26	112	12:19	62S	18:12	248	18:35
2025	Jan 08	(Wed)	06:04	06:26	112	12:19	62S	18:13	248	18:35
2025	Jan 09	(Thu)	06:04	06:27	112	12:20	62S	18:13	248	18:36
2025	Jan 10	(Fri)	06:05	06:27	112	12:20	62S	18:14	248	18:36
2025	Jan 11	(Sat)	06:05	06:27	112	12:21	63S	18:14	248	18:36
2025	Jan 12	(Sun)	06:05	06:28	112	12:21	63S	18:15	248	18:37
2025	Jan 13	(Mon)	06:06	06:28	112	12:21	63S	18:15	249	18:37
2025	Jan 14	(Tue)	06:06	06:28	111	12:22	63S	18:15	249	18:38
2025	Jan 15	(Wed)	06:06	06:28	111	12:22	63S	18:16	249	18:38
2025	Jan 16	(Thu)	06:06	06:29	111	12:22	63S	18:16	249	18:39
2025	Jan 17	(Fri)	06:07	06:29	111	12:23	64S	18:17	249	18:39
2025	Jan 18	(Sat)	06:07	06:29	111	12:23	64S	18:17	250	18:39
2025	Jan 19	(Sun)	06:07	06:29	110	12:23	64S	18:18	250	18:40
2025	Jan 20	(Mon)	06:07	06:30	110	12:24	64S	18:18	250	18:40
2025	Jan 21	(Tue)	06:08	06:30	110	12:24	64S	18:18	250	18:40
2025	Jan 22	(Wed)	06:08	06:30	110	12:24	65S	18:19	250	18:41
2025	Jan 23	(Thu)	06:08	06:30	109	12:25	65S	18:19	251	18:41
2025	Jan 24	(Fri)	06:08	06:30	109	12:25	65S	18:19	251	18:41
2025	Jan 25	(Sat)	06:08	06:30	109	12:25	65S	18:20	251	18:42
2025	Jan 26	(Sun)	06:08	06:30	109	12:25	66S	18:20	251	18:42
2025	Jan 27	(Mon)	06:09	06:30	108	12:25	66S	18:20	252	18:42
2025	Jan 28	(Tue)	06:09	06:31	108	12:26	66S	18:21	252	18:43
2025	Jan 29	(Wed)	06:09	06:31	108	12:26	66S	18:21	252	18:43
2025	Jan 30	(Thu)	06:09	06:31	108	12:26	67S	18:21	252	18:43
2025	Jan 31	(Fri)	06:09	06:31	107	12:26	67S	18:22	253	18:43
2025	Feb 01	(Sat)	06:09	06:31	107	12:26	67S	18:22	253	18:44
2025	Feb 02	(Sun)	06:09	06:31	107	12:26	68S	18:22	253	18:44
2025	Feb 03	(Mon)	06:09	06:31	107	12:27	68S	18:22	254	18:44
2025	Feb 04	(Tue)	06:09	06:31	106	12:27	68S	18:23	254	18:44
2025	Feb 05	(Wed)	06:09	06:31	106	12:27	68S	18:23	254	18:44
2025	Feb 06	(Thu)	06:09	06:30	106	12:27	69S	18:23	255	18:45
2025	Feb 07	(Fri)	06:09	06:30	105	12:27	69S	18:23	255	18:45
2025	Feb 08	(Sat)	06:09	06:30	105	12:27	69S	18:24	255	18:45
2025	Feb 09	(Sun)	06:09	06:30	105	12:27	70S	18:24	255	18:45
2025	Feb 10	(Mon)	06:09	06:30	104	12:27	70S	18:24	256	18:45
2025	Feb 11	(Tue)	06:09	06:30	104	12:27	70S	18:24	256	18:45

2025	Feb	12	(Wed)	06:08	06:30	104	12:27	71S	18:24	256	18:46
2025	Feb	13	(Thu)	06:08	06:30	103	12:27	71S	18:24	257	18:46
2025	Feb	14	(Fri)	06:08	06:29	103	12:27	71S	18:24	257	18:46
2025	Feb	15	(Sat)	06:08	06:29	103	12:27	72S	18:25	258	18:46
2025	Feb	16	(Sun)	06:08	06:29	102	12:27	72S	18:25	258	18:46
2025	Feb	17	(Mon)	06:08	06:29	102	12:27	72S	18:25	258	18:46
2025	Feb	18	(Tue)	06:07	06:29	102	12:27	73S	18:25	259	18:46
2025	Feb	19	(Wed)	06:07	06:28	101	12:27	73S	18:25	259	18:46
2025	Feb	20	(Thu)	06:07	06:28	101	12:26	73S	18:25	259	18:46
2025	Feb	21	(Fri)	06:07	06:28	101	12:26	74S	18:25	260	18:46
2025	Feb	22	(Sat)	06:06	06:27	100	12:26	74S	18:25	260	18:46
2025	Feb	23	(Sun)	06:06	06:27	100	12:26	75S	18:25	260	18:46
2025	Feb	24	(Mon)	06:06	06:27	99	12:26	75S	18:25	261	18:46
2025	Feb	25	(Tue)	06:05	06:27	99	12:26	75S	18:25	261	18:46
2025	Feb	26	(Wed)	06:05	06:26	99	12:26	76S	18:25	262	18:46
2025	Feb	27	(Thu)	06:05	06:26	98	12:25	76S	18:25	262	18:46
2025	Feb	28	(Fri)	06:05	06:25	98	12:25	76S	18:25	262	18:46
2025	Mar	01	(Sat)	06:04	06:25	98	12:25	77S	18:25	263	18:46
2025	Mar	02	(Sun)	06:04	06:25	97	12:25	77S	18:25	263	18:46
2025	Mar	03	(Mon)	06:03	06:24	97	12:25	78S	18:25	263	18:46
2025	Mar	04	(Tue)	06:03	06:24	96	12:24	78S	18:25	264	18:46
2025	Mar	05	(Wed)	06:03	06:24	96	12:24	78S	18:25	264	18:46
2025	Mar	06	(Thu)	06:02	06:23	96	12:24	79S	18:25	265	18:46
2025	Mar	07	(Fri)	06:02	06:23	95	12:24	79S	18:25	265	18:46
2025	Mar	08	(Sat)	06:02	06:22	95	12:23	79S	18:25	265	18:46
2025	Mar	09	(Sun)	06:01	06:22	94	12:23	80S	18:25	266	18:45
2025	Mar	10	(Mon)	06:01	06:22	94	12:23	80S	18:25	266	18:45
2025	Mar	11	(Tue)	06:00	06:21	94	12:23	81S	18:24	267	18:45
2025	Mar	12	(Wed)	06:00	06:21	93	12:22	81S	18:24	267	18:45
2025	Mar	13	(Thu)	05:59	06:20	93	12:22	81S	18:24	267	18:45
2025	Mar	14	(Fri)	05:59	06:20	92	12:22	82S	18:24	268	18:45
2025	Mar	15	(Sat)	05:59	06:19	92	12:22	82S	18:24	268	18:45
2025	Mar	16	(Sun)	05:58	06:19	92	12:21	83S	18:24	269	18:45
2025	Mar	17	(Mon)	05:58	06:18	91	12:21	83S	18:24	269	18:45
2025	Mar	18	(Tue)	05:57	06:18	91	12:21	83S	18:24	269	18:44
2025	Mar	19	(Wed)	05:57	06:17	90	12:20	84S	18:24	270	18:44
2025	Mar	20	(Thu)	05:56	06:17	90	12:20	84S	18:23	270	18:44
2025	Mar	21	(Fri)	05:56	06:16	90	12:20	85S	18:23	271	18:44
2025	Mar	22	(Sat)	05:55	06:16	89	12:20	85S	18:23	271	18:44
2025	Mar	23	(Sun)	05:55	06:16	89	12:19	85S	18:23	271	18:44
2025	Mar	24	(Mon)	05:54	06:15	88	12:19	86S	18:23	272	18:44
2025	Mar	25	(Tue)	05:54	06:15	88	12:19	86S	18:23	272	18:44
2025	Mar	26	(Wed)	05:53	06:14	88	12:18	87S	18:23	273	18:44
2025	Mar	27	(Thu)	05:53	06:14	87	12:18	87S	18:23	273	18:43
2025	Mar	28	(Fri)	05:52	06:13	87	12:18	87S	18:22	273	18:43
2025	Mar	29	(Sat)	05:52	06:13	87	12:17	88S	18:22	274	18:43
2025	Mar	30	(Sun)	05:51	06:12	86	12:17	88S	18:22	274	18:43
2025	Mar	31	(Mon)	05:51	06:12	86	12:17	89S	18:22	274	18:43
2025	Apr	01	(Tue)	05:50	06:11	85	12:17	89S	18:22	275	18:43
2025	Apr	02	(Wed)	05:50	06:11	85	12:16	89S	18:22	275	18:43
2025	Apr	03	(Thu)	05:49	06:10	85	12:16	90S	18:22	276	18:43
2025	Apr	04	(Fri)	05:49	06:10	84	12:16	90S	18:22	276	18:43
2025	Apr	05	(Sat)	05:48	06:09	84	12:15	90S	18:22	276	18:42
2025	Apr	06	(Sun)	05:48	06:09	83	12:15	91N	18:21	277	18:42
2025	Apr	07	(Mon)	05:48	06:08	83	12:15	90N	18:21	277	18:42
2025	Apr	08	(Tue)	05:47	06:08	83	12:15	90N	18:21	278	18:42
2025	Apr	09	(Wed)	05:47	06:08	82	12:14	89N	18:21	278	18:42
2025	Apr	10	(Thu)	05:46	06:07	82	12:14	89N	18:21	278	18:42
2025	Apr	11	(Fri)	05:46	06:07	82	12:14	89N	18:21	279	18:42
2025	Apr	12	(Sat)	05:45	06:06	81	12:13	88N	18:21	279	18:42
2025	Apr	13	(Sun)	05:45	06:06	81	12:13	88N	18:21	279	18:42
2025	Apr	14	(Mon)	05:44	06:05	80	12:13	88N	18:21	280	18:42
2025	Apr	15	(Tue)	05:44	06:05	80	12:13	87N	18:21	280	18:42
2025	Apr	16	(Wed)	05:43	06:05	80	12:13	87N	18:21	280	18:42
2025	Apr	17	(Thu)	05:43	06:04	79	12:12	87N	18:20	281	18:42
2025	Apr	18	(Fri)	05:43	06:04	79	12:12	86N	18:20	281	18:42
2025	Apr	19	(Sat)	05:42	06:03	79	12:12	86N	18:20	282	18:42
2025	Apr	20	(Sun)	05:42	06:03	78	12:12	86N	18:20	282	18:42
2025	Apr	21	(Mon)	05:41	06:03	78	12:11	85N	18:20	282	18:42
2025	Apr	22	(Tue)	05:41	06:02	78	12:11	85N	18:20	283	18:42
2025	Apr	23	(Wed)	05:41	06:02	77	12:11	85N	18:20	283	18:42
2025	Apr	24	(Thu)	05:40	06:02	77	12:11	84N	18:20	283	18:42

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

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

2025	Sep	16	(Tue)	05:42	06:03	87	12:08	87S	18:12	273	18:33
2025	Sep	17	(Wed)	05:42	06:03	88	12:07	86S	18:11	272	18:32
2025	Sep	18	(Thu)	05:42	06:03	88	12:07	86S	18:11	272	18:32
2025	Sep	19	(Fri)	05:42	06:03	88	12:07	86S	18:10	271	18:31
2025	Sep	20	(Sat)	05:42	06:02	89	12:06	85S	18:10	271	18:31
2025	Sep	21	(Sun)	05:41	06:02	89	12:06	85S	18:09	271	18:30
2025	Sep	22	(Mon)	05:41	06:02	90	12:05	84S	18:09	270	18:30
2025	Sep	23	(Tue)	05:41	06:02	90	12:05	84S	18:08	270	18:29
2025	Sep	24	(Wed)	05:41	06:02	90	12:05	84S	18:08	269	18:29
2025	Sep	25	(Thu)	05:41	06:02	91	12:04	83S	18:07	269	18:28
2025	Sep	26	(Fri)	05:41	06:01	91	12:04	83S	18:07	269	18:27
2025	Sep	27	(Sat)	05:40	06:01	92	12:04	83S	18:06	268	18:27
2025	Sep	28	(Sun)	05:40	06:01	92	12:03	82S	18:06	268	18:26
2025	Sep	29	(Mon)	05:40	06:01	92	12:03	82S	18:05	267	18:26
2025	Sep	30	(Tue)	05:40	06:01	93	12:03	81S	18:05	267	18:25
2025	Oct	01	(Wed)	05:40	06:01	93	12:02	81S	18:04	267	18:25
2025	Oct	02	(Thu)	05:40	06:00	94	12:02	81S	18:04	266	18:24
2025	Oct	03	(Fri)	05:39	06:00	94	12:02	80S	18:03	266	18:24
2025	Oct	04	(Sat)	05:39	06:00	94	12:01	80S	18:03	266	18:24
2025	Oct	05	(Sun)	05:39	06:00	95	12:01	79S	18:02	265	18:23
2025	Oct	06	(Mon)	05:39	06:00	95	12:01	79S	18:02	265	18:23
2025	Oct	07	(Tue)	05:39	06:00	95	12:01	79S	18:01	264	18:22
2025	Oct	08	(Wed)	05:39	06:00	96	12:00	78S	18:01	264	18:22
2025	Oct	09	(Thu)	05:39	06:00	96	12:00	78S	18:00	264	18:21
2025	Oct	10	(Fri)	05:39	05:59	97	12:00	78S	18:00	263	18:21
2025	Oct	11	(Sat)	05:38	05:59	97	11:59	77S	18:00	263	18:20
2025	Oct	12	(Sun)	05:38	05:59	97	11:59	77S	17:59	262	18:20
2025	Oct	13	(Mon)	05:38	05:59	98	11:59	76S	17:59	262	18:20
2025	Oct	14	(Tue)	05:38	05:59	98	11:59	76S	17:58	262	18:19
2025	Oct	15	(Wed)	05:38	05:59	98	11:59	76S	17:58	261	18:19
2025	Oct	16	(Thu)	05:38	05:59	99	11:58	75S	17:58	261	18:19
2025	Oct	17	(Fri)	05:38	05:59	99	11:58	75S	17:57	261	18:18
2025	Oct	18	(Sat)	05:38	05:59	100	11:58	75S	17:57	260	18:18
2025	Oct	19	(Sun)	05:38	05:59	100	11:58	74S	17:56	260	18:18
2025	Oct	20	(Mon)	05:38	05:59	100	11:58	74S	17:56	260	18:17
2025	Oct	21	(Tue)	05:38	05:59	101	11:57	74S	17:56	259	18:17
2025	Oct	22	(Wed)	05:38	05:59	101	11:57	73S	17:55	259	18:17
2025	Oct	23	(Thu)	05:38	05:59	101	11:57	73S	17:55	258	18:16
2025	Oct	24	(Fri)	05:38	05:59	102	11:57	72S	17:55	258	18:16
2025	Oct	25	(Sat)	05:38	05:59	102	11:57	72S	17:55	258	18:16
2025	Oct	26	(Sun)	05:38	05:59	102	11:57	72S	17:54	257	18:16
2025	Oct	27	(Mon)	05:38	05:59	103	11:57	71S	17:54	257	18:15
2025	Oct	28	(Tue)	05:38	05:59	103	11:57	71S	17:54	257	18:15
2025	Oct	29	(Wed)	05:38	05:59	103	11:56	71S	17:54	256	18:15
2025	Oct	30	(Thu)	05:38	05:59	104	11:56	70S	17:53	256	18:15
2025	Oct	31	(Fri)	05:38	05:59	104	11:56	70S	17:53	256	18:15
2025	Nov	01	(Sat)	05:38	06:00	104	11:56	70S	17:53	255	18:15
2025	Nov	02	(Sun)	05:38	06:00	105	11:56	69S	17:53	255	18:14
2025	Nov	03	(Mon)	05:38	06:00	105	11:56	69S	17:53	255	18:14
2025	Nov	04	(Tue)	05:38	06:00	105	11:56	69S	17:53	254	18:14
2025	Nov	05	(Wed)	05:39	06:00	106	11:56	69S	17:52	254	18:14
2025	Nov	06	(Thu)	05:39	06:00	106	11:56	68S	17:52	254	18:14
2025	Nov	07	(Fri)	05:39	06:00	106	11:56	68S	17:52	254	18:14
2025	Nov	08	(Sat)	05:39	06:01	107	11:56	68S	17:52	253	18:14
2025	Nov	09	(Sun)	05:39	06:01	107	11:57	67S	17:52	253	18:14
2025	Nov	10	(Mon)	05:39	06:01	107	11:57	67S	17:52	253	18:14
2025	Nov	11	(Tue)	05:40	06:01	107	11:57	67S	17:52	252	18:14
2025	Nov	12	(Wed)	05:40	06:02	108	11:57	67S	17:52	252	18:14
2025	Nov	13	(Thu)	05:40	06:02	108	11:57	66S	17:52	252	18:14
2025	Nov	14	(Fri)	05:40	06:02	108	11:57	66S	17:52	252	18:14
2025	Nov	15	(Sat)	05:40	06:02	109	11:57	66S	17:52	251	18:14
2025	Nov	16	(Sun)	05:41	06:03	109	11:57	65S	17:52	251	18:14
2025	Nov	17	(Mon)	05:41	06:03	109	11:58	65S	17:52	251	18:14
2025	Nov	18	(Tue)	05:41	06:03	109	11:58	65S	17:52	251	18:14
2025	Nov	19	(Wed)	05:42	06:04	109	11:58	65S	17:53	250	18:15
2025	Nov	20	(Thu)	05:42	06:04	110	11:58	65S	17:53	250	18:15
2025	Nov	21	(Fri)	05:42	06:04	110	11:59	64S	17:53	250	18:15
2025	Nov	22	(Sat)	05:43	06:05	110	11:59	64S	17:53	250	18:15
2025	Nov	23	(Sun)	05:43	06:05	110	11:59	64S	17:53	250	18:15
2025	Nov	24	(Mon)	05:43	06:05	111	11:59	64S	17:53	249	18:16
2025	Nov	25	(Tue)	05:44	06:06	111	12:00	63S	17:54	249	18:16
2025	Nov	26	(Wed)	05:44	06:06	111	12:00	63S	17:54	249	18:16

2025	Nov	27	(Thu)	05:44	06:07	111	12:00	63S	17:54	249	18:16
2025	Nov	28	(Fri)	05:45	06:07	111	12:01	63S	17:54	249	18:17
2025	Nov	29	(Sat)	05:45	06:07	112	12:01	63S	17:55	248	18:17
2025	Nov	30	(Sun)	05:46	06:08	112	12:01	63S	17:55	248	18:17
2025	Dec	01	(Mon)	05:46	06:08	112	12:02	62S	17:55	248	18:17
2025	Dec	02	(Tue)	05:46	06:09	112	12:02	62S	17:55	248	18:18
2025	Dec	03	(Wed)	05:47	06:09	112	12:03	62S	17:56	248	18:18
2025	Dec	04	(Thu)	05:47	06:10	112	12:03	62S	17:56	248	18:18
2025	Dec	05	(Fri)	05:48	06:10	112	12:03	62S	17:56	248	18:19
2025	Dec	06	(Sat)	05:48	06:11	113	12:04	62S	17:57	247	18:19
2025	Dec	07	(Sun)	05:49	06:11	113	12:04	62S	17:57	247	18:20
2025	Dec	08	(Mon)	05:49	06:12	113	12:05	62S	17:58	247	18:20
2025	Dec	09	(Tue)	05:50	06:12	113	12:05	61S	17:58	247	18:20
2025	Dec	10	(Wed)	05:50	06:13	113	12:05	61S	17:58	247	18:21
2025	Dec	11	(Thu)	05:51	06:13	113	12:06	61S	17:59	247	18:21
2025	Dec	12	(Fri)	05:51	06:14	113	12:06	61S	17:59	247	18:22
2025	Dec	13	(Sat)	05:52	06:14	113	12:07	61S	18:00	247	18:22
2025	Dec	14	(Sun)	05:52	06:15	113	12:07	61S	18:00	247	18:23
2025	Dec	15	(Mon)	05:53	06:15	113	12:08	61S	18:00	247	18:23
2025	Dec	16	(Tue)	05:53	06:16	113	12:08	61S	18:01	247	18:24
2025	Dec	17	(Wed)	05:54	06:16	113	12:09	61S	18:01	247	18:24
2025	Dec	18	(Thu)	05:54	06:17	113	12:09	61S	18:02	247	18:25
2025	Dec	19	(Fri)	05:55	06:17	113	12:10	61S	18:02	247	18:25
2025	Dec	20	(Sat)	05:55	06:18	113	12:10	61S	18:03	247	18:25
2025	Dec	21	(Sun)	05:56	06:18	113	12:11	61S	18:03	247	18:26
2025	Dec	22	(Mon)	05:56	06:19	113	12:11	61S	18:04	247	18:26
2025	Dec	23	(Tue)	05:57	06:19	113	12:12	61S	18:04	247	18:27
2025	Dec	24	(Wed)	05:57	06:20	113	12:12	61S	18:05	247	18:27
2025	Dec	25	(Thu)	05:58	06:20	113	12:13	61S	18:05	247	18:28
2025	Dec	26	(Fri)	05:58	06:21	113	12:13	61S	18:06	247	18:29
2025	Dec	27	(Sat)	05:58	06:21	113	12:14	61S	18:06	247	18:29
2025	Dec	28	(Sun)	05:59	06:22	113	12:14	61S	18:07	247	18:30
2025	Dec	29	(Mon)	05:59	06:22	113	12:15	61S	18:07	247	18:30
2025	Dec	30	(Tue)	06:00	06:22	113	12:15	61S	18:08	247	18:31
2025	Dec	31	(Wed)	06:00	06:23	113	12:16	61S	18:08	247	18:31

Moon

Narathiwat

Location: E101°49'11.9", N 6°25'26.4", 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)	07:30	116		13:31	59S		19:32	246	
2025 Jan 02 (Thu)	08:23	112		14:25	63S		20:28	250	
2025 Jan 03 (Fri)	09:13	107		15:17	68S		21:22	256	
2025 Jan 04 (Sat)	09:59	101		16:06	75S		22:13	262	
2025 Jan 05 (Sun)	10:44	94		16:53	82S		23:04	269	
2025 Jan 06 (Mon)	11:28	87		17:40	89S		23:54	276	
2025 Jan 07 (Tue)	12:12	81		18:28	86N				
2025 Jan 08 (Wed)	12:59	74		19:19	80N		00:46	283	
2025 Jan 09 (Thu)	13:50	69		20:13	74N		01:41	289	
2025 Jan 10 (Fri)	14:45	64		21:12	71N		02:39	294	
2025 Jan 11 (Sat)	15:44	62		22:13	69N		03:40	297	
2025 Jan 12 (Sun)	16:45	61		23:14	69N		04:42	299	
2025 Jan 13 (Mon)	17:46	63					05:43	298	
2025 Jan 14 (Tue)	18:44	66		00:13	70N		06:40	296	
2025 Jan 15 (Wed)	19:37	70		01:08	74N		07:32	292	
2025 Jan 16 (Thu)	20:27	75		01:59	78N		08:18	287	
2025 Jan 17 (Fri)	21:13	81		02:45	84N		09:00	282	
2025 Jan 18 (Sat)	21:56	87		03:27	90N		09:39	276	
2025 Jan 19 (Sun)	22:38	93		04:07	86S		10:17	270	
2025 Jan 20 (Mon)	23:20	99		04:46	80S		10:53	264	
2025 Jan 21 (Tue)				05:26	74S		11:30	259	
2025 Jan 22 (Wed)	00:03	104		06:07	69S		12:09	253	
2025 Jan 23 (Thu)	00:49	109		06:50	64S		12:51	249	
2025 Jan 24 (Fri)	01:37	113		07:37	60S		13:37	245	
2025 Jan 25 (Sat)	02:29	116		08:28	57S		14:27	242	

2025	Jan	26	(Sun)	03:24	118	09:23	55S	15:22	241
2025	Jan	27	(Mon)	04:20	119	10:20	55S	16:19	242
2025	Jan	28	(Tue)	05:17	117	11:17	57S	17:18	244
2025	Jan	29	(Wed)	06:13	114	12:14	61S	18:16	248
2025	Jan	30	(Thu)	07:05	109	13:08	66S	19:13	254
2025	Jan	31	(Fri)	07:54	103	13:59	72S	20:07	260
2025	Feb	01	(Sat)	08:40	97	14:49	79S	20:59	267
2025	Feb	02	(Sun)	09:25	89	15:37	87S	21:50	274
2025	Feb	03	(Mon)	10:11	82	16:26	88N	22:43	281
2025	Feb	04	(Tue)	10:57	76	17:16	81N	23:37	287
2025	Feb	05	(Wed)	11:47	70	18:09	76N		
2025	Feb	06	(Thu)	12:40	65	19:05	71N	00:33	293
2025	Feb	07	(Fri)	13:36	62	20:05	69N	01:33	296
2025	Feb	08	(Sat)	14:36	61	21:05	68N	02:33	298
2025	Feb	09	(Sun)	15:36	62	22:04	69N	03:34	299
2025	Feb	10	(Mon)	16:34	64	22:59	72N	04:31	297
2025	Feb	11	(Tue)	17:28	68	23:51	76N	05:24	294
2025	Feb	12	(Wed)	18:19	73			06:12	289
2025	Feb	13	(Thu)	19:06	79	00:38	82N	06:55	284
2025	Feb	14	(Fri)	19:50	85	01:21	87N	07:35	278
2025	Feb	15	(Sat)	20:33	91	02:02	88S	08:13	272
2025	Feb	16	(Sun)	21:15	97	02:42	82S	08:50	266
2025	Feb	17	(Mon)	21:58	102	03:22	76S	09:27	261
2025	Feb	18	(Tue)	22:42	107	04:02	71S	10:05	255
2025	Feb	19	(Wed)	23:29	112	04:44	66S	10:45	250
2025	Feb	20	(Thu)			05:29	61S	11:29	246
2025	Feb	21	(Fri)	00:18	115	06:18	58S	12:16	243
2025	Feb	22	(Sat)	01:11	118	07:10	56S	13:08	241
2025	Feb	23	(Sun)	02:06	119	08:05	55S	14:04	241
2025	Feb	24	(Mon)	03:02	118	09:01	56S	15:01	243
2025	Feb	25	(Tue)	03:58	116	09:58	59S	16:00	246
2025	Feb	26	(Wed)	04:51	112	10:53	63S	16:57	251
2025	Feb	27	(Thu)	05:42	106	11:46	69S	17:52	257
2025	Feb	28	(Fri)	06:30	100	12:38	76S	18:47	264
2025	Mar	01	(Sat)	07:17	93	13:28	83S	19:40	271
2025	Mar	02	(Sun)	08:04	85	14:18	91N	20:34	278
2025	Mar	03	(Mon)	08:51	78	15:09	84N	21:29	285
2025	Mar	04	(Tue)	09:41	72	16:03	77N	22:26	291
2025	Mar	05	(Wed)	10:34	67	17:00	72N	23:26	295
2025	Mar	06	(Thu)	11:31	63	17:59	69N		
2025	Mar	07	(Fri)	12:30	61	18:59	68N	00:28	298
2025	Mar	08	(Sat)	13:30	61	19:59	69N	01:28	299
2025	Mar	09	(Sun)	14:28	63	20:55	71N	02:26	298
2025	Mar	10	(Mon)	15:23	67	21:47	75N	03:20	295
2025	Mar	11	(Tue)	16:14	71	22:34	80N	04:09	291
2025	Mar	12	(Wed)	17:02	77	23:18	85N	04:53	286
2025	Mar	13	(Thu)	17:47	82	24:00	90S	05:33	280
2025	Mar	14	(Fri)	18:29	88			06:12	275
2025	Mar	15	(Sat)	19:12	94	00:40	84S	06:48	269
2025	Mar	16	(Sun)	19:54	100	01:19	78S	07:25	263
2025	Mar	17	(Mon)	20:38	106	01:59	73S	08:03	257
2025	Mar	18	(Tue)	21:23	110	02:40	67S	08:42	252
2025	Mar	19	(Wed)	22:11	114	03:24	63S	09:24	248
2025	Mar	20	(Thu)	23:02	117	04:11	59S	10:10	244
2025	Mar	21	(Fri)	23:55	119	05:01	56S	10:59	242
2025	Mar	22	(Sat)			05:54	55S	11:52	241
2025	Mar	23	(Sun)	00:50	119	06:49	55S	12:48	242
2025	Mar	24	(Mon)	01:44	117	07:44	57S	13:44	244
2025	Mar	25	(Tue)	02:37	114	08:38	61S	14:40	248
2025	Mar	26	(Wed)	03:28	109	09:31	66S	15:36	253
2025	Mar	27	(Thu)	04:17	103	10:23	72S	16:30	260
2025	Mar	28	(Fri)	05:04	97	11:13	79S	17:24	267
2025	Mar	29	(Sat)	05:51	89	12:04	87S	18:18	275
2025	Mar	30	(Sun)	06:39	82	12:55	87N	19:14	282
2025	Mar	31	(Mon)	07:29	75	13:50	80N	20:12	289
2025	Apr	01	(Tue)	08:23	69	14:47	74N	21:13	294
2025	Apr	02	(Wed)	09:21	64	15:48	70N	22:17	297
2025	Apr	03	(Thu)	10:21	62	16:51	68N	23:20	299
2025	Apr	04	(Fri)	11:23	61	17:52	68N		
2025	Apr	05	(Sat)	12:23	63	18:50	70N	00:21	298
2025	Apr	06	(Sun)	13:19	66	19:44	74N	01:16	296
2025	Apr	07	(Mon)	14:12	70	20:33	78N	02:07	292

2025 Apr 08 (Tue)	15:00 75	21:17 83N	02:52 288
2025 Apr 09 (Wed)	15:45 81	21:59 89N	03:33 282
2025 Apr 10 (Thu)	16:28 86	22:39 86S	04:12 277
2025 Apr 11 (Fri)	17:10 92	23:18 80S	04:49 271
2025 Apr 12 (Sat)	17:52 98	23:58 74S	05:25 265
2025 Apr 13 (Sun)	18:35 104		06:02 259
2025 Apr 14 (Mon)	19:20 109	00:39 69S	06:41 254
2025 Apr 15 (Tue)	20:07 113	01:21 64S	07:22 249
2025 Apr 16 (Wed)	20:57 116	02:07 60S	08:07 245
2025 Apr 17 (Thu)	21:49 118	02:56 57S	08:55 243
2025 Apr 18 (Fri)	22:43 119	03:48 55S	09:46 241
2025 Apr 19 (Sat)	23:36 118	04:41 55S	10:40 241
2025 Apr 20 (Sun)		05:35 57S	11:35 243
2025 Apr 21 (Mon)	00:29 115	06:29 59S	12:30 246
2025 Apr 22 (Tue)	01:19 111	07:20 64S	13:23 251
2025 Apr 23 (Wed)	02:07 106	08:11 69S	14:16 257
2025 Apr 24 (Thu)	02:53 100	09:00 76S	15:08 263
2025 Apr 25 (Fri)	03:39 93	09:49 83S	16:01 271
2025 Apr 26 (Sat)	04:25 86	10:39 91S	16:55 278
2025 Apr 27 (Sun)	05:14 78	11:32 84N	17:52 285
2025 Apr 28 (Mon)	06:06 72	12:29 77N	18:53 291
2025 Apr 29 (Tue)	07:03 66	13:30 72N	19:58 296
2025 Apr 30 (Wed)	08:04 63	14:34 69N	21:03 298
2025 May 01 (Thu)	09:08 61	15:38 68N	22:08 299
2025 May 02 (Fri)	10:11 62	16:40 69N	23:08 297
2025 May 03 (Sat)	11:11 64	17:37 72N	
2025 May 04 (Sun)	12:06 68	18:29 77N	00:02 294
2025 May 05 (Mon)	12:57 73	19:15 82N	00:50 289
2025 May 06 (Tue)	13:43 79	19:58 87N	01:33 284
2025 May 07 (Wed)	14:27 85	20:39 88S	02:12 278
2025 May 08 (Thu)	15:09 91	21:18 82S	02:49 272
2025 May 09 (Fri)	15:51 96	21:57 76S	03:26 267
2025 May 10 (Sat)	16:33 102	22:38 71S	04:03 261
2025 May 11 (Sun)	17:17 107	23:20 66S	04:41 255
2025 May 12 (Mon)	18:04 112		05:21 251
2025 May 13 (Tue)	18:53 115	00:05 61S	06:04 247
2025 May 14 (Wed)	19:45 118	00:53 58S	06:52 243
2025 May 15 (Thu)	20:38 119	01:44 56S	07:42 242
2025 May 16 (Fri)	21:32 118	02:37 55S	08:35 241
2025 May 17 (Sat)	22:24 116	03:31 56S	09:30 243
2025 May 18 (Sun)	23:14 113	04:24 58S	10:24 245
2025 May 19 (Mon)		05:15 62S	11:17 249
2025 May 20 (Tue)	00:02 108	06:05 67S	12:09 255
2025 May 21 (Wed)	00:47 102	06:52 73S	12:59 261
2025 May 22 (Thu)	01:31 96	07:40 80S	13:50 268
2025 May 23 (Fri)	02:15 89	08:27 87S	14:41 275
2025 May 24 (Sat)	03:01 82	09:17 87N	15:35 282
2025 May 25 (Sun)	03:51 75	10:11 80N	16:33 288
2025 May 26 (Mon)	04:45 69	11:09 75N	17:35 294
2025 May 27 (Tue)	05:44 64	12:12 70N	18:41 297
2025 May 28 (Wed)	06:47 62	13:17 68N	19:48 299
2025 May 29 (Thu)	07:52 62	14:22 69N	20:51 298
2025 May 30 (Fri)	08:56 63	15:24 71N	21:50 295
2025 May 31 (Sat)	09:55 67	16:19 75N	22:42 291
2025 Jun 01 (Sun)	10:49 71	17:09 80N	23:28 286
2025 Jun 02 (Mon)	11:38 77	17:55 85N	
2025 Jun 03 (Tue)	12:24 83	18:37 90S	00:10 280
2025 Jun 04 (Wed)	13:07 89	19:17 84S	00:48 274
2025 Jun 05 (Thu)	13:49 95	19:56 78S	01:25 268
2025 Jun 06 (Fri)	14:31 100	20:36 72S	02:02 263
2025 Jun 07 (Sat)	15:15 106	21:17 67S	02:40 257
2025 Jun 08 (Sun)	16:00 110	22:01 63S	03:19 252
2025 Jun 09 (Mon)	16:49 114	22:49 59S	04:02 248
2025 Jun 10 (Tue)	17:40 117	23:39 57S	04:48 244
2025 Jun 11 (Wed)	18:33 118		05:38 242
2025 Jun 12 (Thu)	19:27 118	00:32 55S	06:30 241
2025 Jun 13 (Fri)	20:21 117	01:26 56S	07:25 242
2025 Jun 14 (Sat)	21:12 114	02:20 58S	08:20 244
2025 Jun 15 (Sun)	22:00 109	03:12 61S	09:14 248
2025 Jun 16 (Mon)	22:45 104	04:02 66S	10:06 253
2025 Jun 17 (Tue)	23:29 98	04:50 72S	10:56 259
2025 Jun 18 (Wed)		05:36 78S	11:45 266

2025 Jun 19 (Thu)	00:12 91	06:22 85S	12:35 272
2025 Jun 20 (Fri)	00:56 84	07:10 90N	13:26 279
2025 Jun 21 (Sat)	01:42 77	08:00 83N	14:20 286
2025 Jun 22 (Sun)	02:32 71	08:54 77N	15:18 291
2025 Jun 23 (Mon)	03:27 66	09:53 72N	16:21 296
2025 Jun 24 (Tue)	04:28 63	10:57 69N	17:27 298
2025 Jun 25 (Wed)	05:32 61	12:02 68N	18:32 298
2025 Jun 26 (Thu)	06:37 62	13:06 70N	19:34 297
2025 Jun 27 (Fri)	07:39 65	14:05 73N	20:29 293
2025 Jun 28 (Sat)	08:36 69	14:59 78N	21:19 288
2025 Jun 29 (Sun)	09:29 75	15:47 83N	22:04 282
2025 Jun 30 (Mon)	10:17 80	16:31 89N	22:44 277
2025 Jul 01 (Tue)	11:01 87	17:13 86S	23:23 270
2025 Jul 02 (Wed)	11:44 93	17:53 80S	24:00 265
2025 Jul 03 (Thu)	12:27 98	18:33 74S	
2025 Jul 04 (Fri)	13:10 104	19:14 69S	00:37 259
2025 Jul 05 (Sat)	13:55 109	19:57 64S	01:16 254
2025 Jul 06 (Sun)	14:43 113	20:43 60S	01:57 249
2025 Jul 07 (Mon)	15:33 116	21:32 57S	02:42 245
2025 Jul 08 (Tue)	16:26 118	22:24 56S	03:31 243
2025 Jul 09 (Wed)	17:20 119	23:19 55S	04:23 241
2025 Jul 10 (Thu)	18:14 118		05:18 242
2025 Jul 11 (Fri)	19:07 115	00:14 57S	06:13 244
2025 Jul 12 (Sat)	19:57 111	01:07 60S	07:08 247
2025 Jul 13 (Sun)	20:43 106	01:59 64S	08:02 252
2025 Jul 14 (Mon)	21:28 99	02:48 70S	08:53 257
2025 Jul 15 (Tue)	22:11 93	03:35 76S	09:43 264
2025 Jul 16 (Wed)	22:54 86	04:21 83S	10:32 271
2025 Jul 17 (Thu)	23:39 79	05:07 90S	11:22 277
2025 Jul 18 (Fri)		05:56 85N	12:14 284
2025 Jul 19 (Sat)	00:27 73	06:47 79N	13:10 290
2025 Jul 20 (Sun)	01:18 68	07:43 74N	14:09 295
2025 Jul 21 (Mon)	02:15 64	08:43 70N	15:12 298
2025 Jul 22 (Tue)	03:16 62	09:46 68N	16:16 299
2025 Jul 23 (Wed)	04:20 62	10:49 69N	17:18 298
2025 Jul 24 (Thu)	05:23 64	11:50 71N	18:16 295
2025 Jul 25 (Fri)	06:22 67	12:46 75N	19:09 290
2025 Jul 26 (Sat)	07:17 72	13:37 81N	19:56 285
2025 Jul 27 (Sun)	08:07 78	14:23 87N	20:38 279
2025 Jul 28 (Mon)	08:54 84	15:07 89S	21:18 273
2025 Jul 29 (Tue)	09:38 90	15:48 82S	21:56 267
2025 Jul 30 (Wed)	10:21 96	16:28 76S	22:34 261
2025 Jul 31 (Thu)	11:04 102	17:09 71S	23:12 255
2025 Aug 01 (Fri)	11:49 107	17:51 66S	23:52 251
2025 Aug 02 (Sat)	12:35 112	18:36 61S	
2025 Aug 03 (Sun)	13:24 115	19:24 58S	00:36 247
2025 Aug 04 (Mon)	14:16 118	20:15 56S	01:23 243
2025 Aug 05 (Tue)	15:10 119	21:08 55S	02:13 242
2025 Aug 06 (Wed)	16:04 118	22:03 56S	03:07 241
2025 Aug 07 (Thu)	16:58 116	22:58 59S	04:03 243
2025 Aug 08 (Fri)	17:49 113	23:51 62S	04:58 245
2025 Aug 09 (Sat)	18:38 108		05:53 250
2025 Aug 10 (Sun)	19:24 102	00:41 68S	06:46 255
2025 Aug 11 (Mon)	20:09 95	01:30 74S	07:38 262
2025 Aug 12 (Tue)	20:53 88	02:18 81S	08:28 268
2025 Aug 13 (Wed)	21:37 81	03:05 88S	09:19 275
2025 Aug 14 (Thu)	22:24 75	03:53 87N	10:11 282
2025 Aug 15 (Fri)	23:15 69	04:44 80N	11:05 288
2025 Aug 16 (Sat)		05:38 75N	12:03 293
2025 Aug 17 (Sun)	00:09 65	06:36 71N	13:04 297
2025 Aug 18 (Mon)	01:08 62	07:37 69N	14:07 299
2025 Aug 19 (Tue)	02:10 61	08:39 68N	15:08 298
2025 Aug 20 (Wed)	03:12 63	09:40 70N	16:07 296
2025 Aug 21 (Thu)	04:11 66	10:36 74N	17:00 292
2025 Aug 22 (Fri)	05:07 70	11:28 78N	17:49 287
2025 Aug 23 (Sat)	05:58 75	12:16 84N	18:32 282
2025 Aug 24 (Sun)	06:46 81	13:00 90N	19:13 276
2025 Aug 25 (Mon)	07:31 88	13:42 85S	19:52 269
2025 Aug 26 (Tue)	08:15 94	14:23 79S	20:30 263
2025 Aug 27 (Wed)	08:59 100	15:04 73S	21:08 258
2025 Aug 28 (Thu)	09:43 105	15:46 68S	21:48 252
2025 Aug 29 (Fri)	10:28 110	16:29 63S	22:30 248

2025 Aug 30 (Sat)	11:16 114	17:16 59S	23:15 245
2025 Aug 31 (Sun)	12:06 117	18:05 57S	
2025 Sep 01 (Mon)	12:59 119	18:57 55S	00:04 242
2025 Sep 02 (Tue)	13:53 119	19:51 55S	00:55 241
2025 Sep 03 (Wed)	14:46 117	20:45 57S	01:50 242
2025 Sep 04 (Thu)	15:38 114	21:39 60S	02:45 244
2025 Sep 05 (Fri)	16:28 110	22:30 65S	03:40 247
2025 Sep 06 (Sat)	17:16 105	23:20 71S	04:34 252
2025 Sep 07 (Sun)	18:01 98		05:27 259
2025 Sep 08 (Mon)	18:46 91	00:09 78S	06:18 265
2025 Sep 09 (Tue)	19:32 84	00:57 85S	07:10 273
2025 Sep 10 (Wed)	20:19 77	01:47 89N	08:03 280
2025 Sep 11 (Thu)	21:10 71	02:38 82N	08:58 286
2025 Sep 12 (Fri)	22:04 66	03:32 76N	09:57 292
2025 Sep 13 (Sat)	23:03 63	04:30 72N	10:58 296
2025 Sep 14 (Sun)		05:31 69N	12:01 298
2025 Sep 15 (Mon)	00:04 61	06:33 68N	13:03 299
2025 Sep 16 (Tue)	01:06 62	07:34 69N	14:02 297
2025 Sep 17 (Wed)	02:05 64	08:31 72N	14:56 294
2025 Sep 18 (Thu)	03:01 68	09:24 77N	15:45 289
2025 Sep 19 (Fri)	03:53 73	10:12 82N	16:29 284
2025 Sep 20 (Sat)	04:41 79	10:57 88N	17:10 278
2025 Sep 21 (Sun)	05:27 85	11:39 87S	17:49 272
2025 Sep 22 (Mon)	06:10 91	12:20 81S	18:27 266
2025 Sep 23 (Tue)	06:54 97	13:00 75S	19:05 260
2025 Sep 24 (Wed)	07:38 103	13:42 70S	19:44 254
2025 Sep 25 (Thu)	08:23 108	14:25 65S	20:25 250
2025 Sep 26 (Fri)	09:10 112	15:10 61S	21:09 246
2025 Sep 27 (Sat)	09:59 116	15:58 58S	21:56 243
2025 Sep 28 (Sun)	10:50 118	16:48 56S	22:46 241
2025 Sep 29 (Mon)	11:43 119	17:41 55S	23:39 241
2025 Sep 30 (Tue)	12:35 118	18:34 56S	
2025 Oct 01 (Wed)	13:27 116	19:26 59S	00:33 243
2025 Oct 02 (Thu)	14:17 112	20:18 63S	01:27 246
2025 Oct 03 (Fri)	15:04 107	21:08 68S	02:20 250
2025 Oct 04 (Sat)	15:50 101	21:56 74S	03:12 255
2025 Oct 05 (Sun)	16:36 95	22:45 81S	04:04 262
2025 Oct 06 (Mon)	17:21 87	23:34 89S	04:56 269
2025 Oct 07 (Tue)	18:09 80		05:49 276
2025 Oct 08 (Wed)	18:59 73	00:26 85N	06:44 283
2025 Oct 09 (Thu)	19:54 68	01:20 79N	07:43 290
2025 Oct 10 (Fri)	20:53 64	02:19 73N	08:46 295
2025 Oct 11 (Sat)	21:55 62	03:21 70N	09:50 298
2025 Oct 12 (Sun)	22:59 62	04:25 68N	10:55 299
2025 Oct 13 (Mon)	24:00 64	05:28 69N	11:56 298
2025 Oct 14 (Tue)		06:27 71N	12:53 295
2025 Oct 15 (Wed)	00:57 67	07:21 75N	13:43 291
2025 Oct 16 (Thu)	01:50 72	08:10 80N	14:29 285
2025 Oct 17 (Fri)	02:39 77	08:55 86N	15:10 280
2025 Oct 18 (Sat)	03:25 83	09:38 89S	15:49 274
2025 Oct 19 (Sun)	04:08 89	10:18 83S	16:27 268
2025 Oct 20 (Mon)	04:51 95	10:58 77S	17:04 262
2025 Oct 21 (Tue)	05:35 101	11:39 72S	17:43 256
2025 Oct 22 (Wed)	06:19 106	12:22 66S	18:23 251
2025 Oct 23 (Thu)	07:05 111	13:06 62S	19:06 247
2025 Oct 24 (Fri)	07:54 115	13:53 59S	19:52 244
2025 Oct 25 (Sat)	08:44 117	14:43 56S	20:41 242
2025 Oct 26 (Sun)	09:36 119	15:34 55S	21:32 241
2025 Oct 27 (Mon)	10:28 118	16:26 56S	22:25 242
2025 Oct 28 (Tue)	11:19 117	17:18 58S	23:18 244
2025 Oct 29 (Wed)	12:08 114	18:08 61S	
2025 Oct 30 (Thu)	12:55 110	18:57 66S	00:10 248
2025 Oct 31 (Fri)	13:40 104	19:45 71S	01:01 253
2025 Nov 01 (Sat)	14:25 98	20:32 78S	01:51 259
2025 Nov 02 (Sun)	15:09 91	21:20 85S	02:41 265
2025 Nov 03 (Mon)	15:54 84	22:09 89N	03:32 272
2025 Nov 04 (Tue)	16:43 77	23:02 82N	04:26 280
2025 Nov 05 (Wed)	17:36 71	24:00 76N	05:23 286
2025 Nov 06 (Thu)	18:35 66		06:25 292
2025 Nov 07 (Fri)	19:38 62	01:02 71N	07:31 296
2025 Nov 08 (Sat)	20:44 61	02:08 69N	08:38 298
2025 Nov 09 (Sun)	21:49 63	03:14 68N	09:44 298

2025 Nov 10 (Mon)	22:50 66	04:17 70N	10:44 296
2025 Nov 11 (Tue)	23:45 70	05:15 74N	11:38 292
2025 Nov 12 (Wed)		06:07 79N	12:26 287
2025 Nov 13 (Thu)	00:36 76	06:54 84N	13:10 281
2025 Nov 14 (Fri)	01:23 82	07:37 90N	13:50 275
2025 Nov 15 (Sat)	02:07 88	08:18 85S	14:27 269
2025 Nov 16 (Sun)	02:50 94	08:58 79S	15:05 264
2025 Nov 17 (Mon)	03:33 99	09:38 73S	15:43 258
2025 Nov 18 (Tue)	04:17 105	10:20 68S	16:22 253
2025 Nov 19 (Wed)	05:02 110	11:04 63S	17:04 248
2025 Nov 20 (Thu)	05:50 114	11:50 60S	17:49 245
2025 Nov 21 (Fri)	06:40 116	12:39 57S	18:37 243
2025 Nov 22 (Sat)	07:32 118	13:30 56S	19:28 242
2025 Nov 23 (Sun)	08:24 118	14:22 56S	20:20 242
2025 Nov 24 (Mon)	09:15 117	15:14 57S	21:13 244
2025 Nov 25 (Tue)	10:04 115	16:04 60S	22:04 247
2025 Nov 26 (Wed)	10:51 111	16:52 64S	22:55 251
2025 Nov 27 (Thu)	11:36 106	17:39 69S	23:44 257
2025 Nov 28 (Fri)	12:18 100	18:24 75S	
2025 Nov 29 (Sat)	13:01 94	19:10 82S	00:32 263
2025 Nov 30 (Sun)	13:44 87	19:56 89S	01:20 269
2025 Dec 01 (Mon)	14:29 80	20:46 86N	02:11 276
2025 Dec 02 (Tue)	15:19 74	21:40 79N	03:04 283
2025 Dec 03 (Wed)	16:13 68	22:39 74N	04:02 289
2025 Dec 04 (Thu)	17:14 64	23:43 70N	05:06 294
2025 Dec 05 (Fri)	18:20 62		06:13 297
2025 Dec 06 (Sat)	19:28 62	00:51 69N	07:21 298
2025 Dec 07 (Sun)	20:33 64	01:57 69N	08:27 297
2025 Dec 08 (Mon)	21:33 68	03:00 72N	09:26 294
2025 Dec 09 (Tue)	22:28 74	03:57 77N	10:18 289
2025 Dec 10 (Wed)	23:18 80	04:47 82N	11:05 283
2025 Dec 11 (Thu)		05:33 88N	11:47 277
2025 Dec 12 (Fri)	00:04 86	06:16 87S	12:26 271
2025 Dec 13 (Sat)	00:48 92	06:57 81S	13:04 265
2025 Dec 14 (Sun)	01:31 98	07:37 75S	13:42 260
2025 Dec 15 (Mon)	02:15 103	08:18 70S	14:21 254
2025 Dec 16 (Tue)	02:59 108	09:01 65S	15:02 250
2025 Dec 17 (Wed)	03:46 112	09:47 61S	15:46 246
2025 Dec 18 (Thu)	04:36 116	10:35 58S	16:33 243
2025 Dec 19 (Fri)	05:27 118	11:25 56S	17:24 242
2025 Dec 20 (Sat)	06:19 118	12:17 56S	18:16 242
2025 Dec 21 (Sun)	07:11 118	13:10 57S	19:09 243
2025 Dec 22 (Mon)	08:01 116	14:01 59S	20:01 246
2025 Dec 23 (Tue)	08:49 112	14:50 63S	20:52 250
2025 Dec 24 (Wed)	09:34 107	15:37 68S	21:41 255
2025 Dec 25 (Thu)	10:17 102	16:22 74S	22:29 261
2025 Dec 26 (Fri)	10:59 96	17:06 80S	23:16 267
2025 Dec 27 (Sat)	11:40 89	17:51 86S	
2025 Dec 28 (Sun)	12:23 83	18:37 88N	00:04 274
2025 Dec 29 (Mon)	13:08 76	19:27 82N	00:54 281
2025 Dec 30 (Tue)	13:59 70	20:21 76N	01:48 287
2025 Dec 31 (Wed)	14:55 66	21:21 72N	02:46 292