

Sun

Nakhon Sawan
Location: E100°10'26.4", N15°42'43.1", 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)	05:56	06:46	114	12:23	52S	17:59	246	18:49
2025	Jan	02 (Thu)	05:57	06:47	114	12:23	52S	18:00	246	18:50
2025	Jan	03 (Fri)	05:57	06:47	114	12:24	52S	18:01	247	18:51
2025	Jan	04 (Sat)	05:57	06:47	113	12:24	52S	18:01	247	18:51
2025	Jan	05 (Sun)	05:58	06:48	113	12:25	52S	18:02	247	18:52
2025	Jan	06 (Mon)	05:58	06:48	113	12:25	53S	18:02	247	18:52
2025	Jan	07 (Tue)	05:58	06:48	113	12:26	53S	18:03	247	18:53
2025	Jan	08 (Wed)	05:59	06:49	113	12:26	53S	18:04	247	18:53
2025	Jan	09 (Thu)	05:59	06:49	113	12:26	53S	18:04	247	18:54
2025	Jan	10 (Fri)	05:59	06:49	113	12:27	53S	18:05	247	18:54
2025	Jan	11 (Sat)	06:00	06:49	112	12:27	53S	18:05	248	18:55
2025	Jan	12 (Sun)	06:00	06:49	112	12:28	53S	18:06	248	18:56
2025	Jan	13 (Mon)	06:00	06:50	112	12:28	54S	18:07	248	18:56
2025	Jan	14 (Tue)	06:00	06:50	112	12:28	54S	18:07	248	18:57
2025	Jan	15 (Wed)	06:00	06:50	112	12:29	54S	18:08	248	18:57
2025	Jan	16 (Thu)	06:01	06:50	112	12:29	54S	18:08	249	18:58
2025	Jan	17 (Fri)	06:01	06:50	111	12:29	54S	18:09	249	18:58
2025	Jan	18 (Sat)	06:01	06:50	111	12:30	55S	18:09	249	18:59
2025	Jan	19 (Sun)	06:01	06:50	111	12:30	55S	18:10	249	18:59
2025	Jan	20 (Mon)	06:01	06:50	111	12:30	55S	18:11	249	19:00
2025	Jan	21 (Tue)	06:01	06:50	110	12:31	55S	18:11	250	19:00
2025	Jan	22 (Wed)	06:01	06:50	110	12:31	55S	18:12	250	19:01
2025	Jan	23 (Thu)	06:01	06:50	110	12:31	56S	18:12	250	19:01
2025	Jan	24 (Fri)	06:01	06:50	110	12:31	56S	18:13	250	19:02
2025	Jan	25 (Sat)	06:01	06:50	109	12:32	56S	18:13	251	19:02
2025	Jan	26 (Sun)	06:01	06:50	109	12:32	56S	18:14	251	19:03
2025	Jan	27 (Mon)	06:01	06:50	109	12:32	57S	18:14	251	19:03
2025	Jan	28 (Tue)	06:01	06:50	109	12:32	57S	18:15	251	19:03
2025	Jan	29 (Wed)	06:01	06:50	108	12:32	57S	18:15	252	19:04
2025	Jan	30 (Thu)	06:01	06:49	108	12:33	57S	18:16	252	19:04
2025	Jan	31 (Fri)	06:01	06:49	108	12:33	58S	18:16	252	19:05
2025	Feb	01 (Sat)	06:01	06:49	108	12:33	58S	18:17	253	19:05
2025	Feb	02 (Sun)	06:01	06:49	107	12:33	58S	18:17	253	19:05
2025	Feb	03 (Mon)	06:00	06:49	107	12:33	59S	18:18	253	19:06
2025	Feb	04 (Tue)	06:00	06:48	107	12:33	59S	18:18	254	19:06
2025	Feb	05 (Wed)	06:00	06:48	106	12:33	59S	18:19	254	19:07
2025	Feb	06 (Thu)	06:00	06:48	106	12:33	59S	18:19	254	19:07
2025	Feb	07 (Fri)	06:00	06:47	106	12:33	60S	18:20	254	19:07
2025	Feb	08 (Sat)	05:59	06:47	105	12:33	60S	18:20	255	19:08
2025	Feb	09 (Sun)	05:59	06:47	105	12:33	60S	18:20	255	19:08
2025	Feb	10 (Mon)	05:59	06:46	105	12:33	61S	18:21	255	19:08
2025	Feb	11 (Tue)	05:58	06:46	104	12:34	61S	18:21	256	19:09
2025	Feb	12 (Wed)	05:58	06:46	104	12:33	61S	18:22	256	19:09
2025	Feb	13 (Thu)	05:58	06:45	104	12:33	62S	18:22	257	19:09
2025	Feb	14 (Fri)	05:57	06:45	103	12:33	62S	18:22	257	19:10
2025	Feb	15 (Sat)	05:57	06:44	103	12:33	62S	18:23	257	19:10
2025	Feb	16 (Sun)	05:57	06:44	103	12:33	63S	18:23	258	19:10
2025	Feb	17 (Mon)	05:56	06:43	102	12:33	63S	18:23	258	19:10
2025	Feb	18 (Tue)	05:56	06:43	102	12:33	63S	18:24	258	19:11
2025	Feb	19 (Wed)	05:55	06:42	101	12:33	64S	18:24	259	19:11
2025	Feb	20 (Thu)	05:55	06:42	101	12:33	64S	18:24	259	19:11
2025	Feb	21 (Fri)	05:54	06:41	101	12:33	65S	18:25	259	19:12
2025	Feb	22 (Sat)	05:54	06:41	100	12:33	65S	18:25	260	19:12
2025	Feb	23 (Sun)	05:53	06:40	100	12:33	65S	18:25	260	19:12
2025	Feb	24 (Mon)	05:53	06:40	100	12:32	66S	18:25	261	19:12
2025	Feb	25 (Tue)	05:52	06:39	99	12:32	66S	18:26	261	19:12
2025	Feb	26 (Wed)	05:52	06:39	99	12:32	66S	18:26	261	19:13
2025	Feb	27 (Thu)	05:51	06:38	98	12:32	67S	18:26	262	19:13
2025	Feb	28 (Fri)	05:51	06:37	98	12:32	67S	18:26	262	19:13
2025	Mar	01 (Sat)	05:50	06:37	98	12:32	68S	18:27	263	19:13

2025	Mar	02	(Sun)	05:50	06:36	97	12:31	68S	18:27	263	19:14
2025	Mar	03	(Mon)	05:49	06:35	97	12:31	68S	18:27	263	19:14
2025	Mar	04	(Tue)	05:48	06:35	96	12:31	69S	18:27	264	19:14
2025	Mar	05	(Wed)	05:48	06:34	96	12:31	69S	18:28	264	19:14
2025	Mar	06	(Thu)	05:47	06:34	96	12:31	69S	18:28	265	19:14
2025	Mar	07	(Fri)	05:46	06:33	95	12:30	70S	18:28	265	19:14
2025	Mar	08	(Sat)	05:46	06:32	95	12:30	70S	18:28	265	19:15
2025	Mar	09	(Sun)	05:45	06:31	94	12:30	71S	18:28	266	19:15
2025	Mar	10	(Mon)	05:44	06:31	94	12:30	71S	18:29	266	19:15
2025	Mar	11	(Tue)	05:44	06:30	94	12:29	71S	18:29	267	19:15
2025	Mar	12	(Wed)	05:43	06:29	93	12:29	72S	18:29	267	19:15
2025	Mar	13	(Thu)	05:42	06:29	93	12:29	72S	18:29	267	19:15
2025	Mar	14	(Fri)	05:42	06:28	92	12:28	73S	18:29	268	19:16
2025	Mar	15	(Sat)	05:41	06:27	92	12:28	73S	18:29	268	19:16
2025	Mar	16	(Sun)	05:40	06:26	92	12:28	73S	18:30	269	19:16
2025	Mar	17	(Mon)	05:39	06:26	91	12:28	74S	18:30	269	19:16
2025	Mar	18	(Tue)	05:39	06:25	91	12:27	74S	18:30	269	19:16
2025	Mar	19	(Wed)	05:38	06:24	90	12:27	75S	18:30	270	19:16
2025	Mar	20	(Thu)	05:37	06:24	90	12:27	75S	18:30	270	19:17
2025	Mar	21	(Fri)	05:36	06:23	90	12:26	75S	18:30	271	19:17
2025	Mar	22	(Sat)	05:36	06:22	89	12:26	76S	18:30	271	19:17
2025	Mar	23	(Sun)	05:35	06:21	89	12:26	76S	18:31	272	19:17
2025	Mar	24	(Mon)	05:34	06:21	88	12:26	77S	18:31	272	19:17
2025	Mar	25	(Tue)	05:33	06:20	88	12:25	77S	18:31	272	19:17
2025	Mar	26	(Wed)	05:33	06:19	87	12:25	77S	18:31	273	19:18
2025	Mar	27	(Thu)	05:32	06:18	87	12:25	78S	18:31	273	19:18
2025	Mar	28	(Fri)	05:31	06:18	87	12:24	78S	18:31	274	19:18
2025	Mar	29	(Sat)	05:30	06:17	86	12:24	78S	18:31	274	19:18
2025	Mar	30	(Sun)	05:30	06:16	86	12:24	79S	18:32	274	19:18
2025	Mar	31	(Mon)	05:29	06:15	85	12:23	79S	18:32	275	19:18
2025	Apr	01	(Tue)	05:28	06:15	85	12:23	80S	18:32	275	19:19
2025	Apr	02	(Wed)	05:27	06:14	85	12:23	80S	18:32	276	19:19
2025	Apr	03	(Thu)	05:26	06:13	84	12:23	80S	18:32	276	19:19
2025	Apr	04	(Fri)	05:26	06:12	84	12:22	81S	18:32	276	19:19
2025	Apr	05	(Sat)	05:25	06:12	83	12:22	81S	18:32	277	19:19
2025	Apr	06	(Sun)	05:24	06:11	83	12:22	82S	18:33	277	19:20
2025	Apr	07	(Mon)	05:23	06:10	83	12:21	82S	18:33	278	19:20
2025	Apr	08	(Tue)	05:23	06:10	82	12:21	82S	18:33	278	19:20
2025	Apr	09	(Wed)	05:22	06:09	82	12:21	83S	18:33	278	19:20
2025	Apr	10	(Thu)	05:21	06:08	82	12:21	83S	18:33	279	19:20
2025	Apr	11	(Fri)	05:20	06:07	81	12:20	83S	18:33	279	19:21
2025	Apr	12	(Sat)	05:20	06:07	81	12:20	84S	18:34	279	19:21
2025	Apr	13	(Sun)	05:19	06:06	80	12:20	84S	18:34	280	19:21
2025	Apr	14	(Mon)	05:18	06:05	80	12:20	84S	18:34	280	19:21
2025	Apr	15	(Tue)	05:17	06:05	80	12:19	85S	18:34	281	19:22
2025	Apr	16	(Wed)	05:17	06:04	79	12:19	85S	18:34	281	19:22
2025	Apr	17	(Thu)	05:16	06:03	79	12:19	86S	18:34	281	19:22
2025	Apr	18	(Fri)	05:15	06:03	79	12:19	86S	18:35	282	19:22
2025	Apr	19	(Sat)	05:14	06:02	78	12:18	86S	18:35	282	19:23
2025	Apr	20	(Sun)	05:14	06:02	78	12:18	87S	18:35	282	19:23
2025	Apr	21	(Mon)	05:13	06:01	77	12:18	87S	18:35	283	19:23
2025	Apr	22	(Tue)	05:12	06:00	77	12:18	87S	18:35	283	19:23
2025	Apr	23	(Wed)	05:12	06:00	77	12:18	88S	18:36	283	19:24
2025	Apr	24	(Thu)	05:11	05:59	76	12:17	88S	18:36	284	19:24
2025	Apr	25	(Fri)	05:10	05:59	76	12:17	88S	18:36	284	19:24
2025	Apr	26	(Sat)	05:10	05:58	76	12:17	89S	18:36	284	19:25
2025	Apr	27	(Sun)	05:09	05:58	75	12:17	89S	18:37	285	19:25
2025	Apr	28	(Mon)	05:09	05:57	75	12:17	89S	18:37	285	19:25
2025	Apr	29	(Tue)	05:08	05:56	75	12:17	90S	18:37	285	19:26
2025	Apr	30	(Wed)	05:07	05:56	74	12:17	90S	18:37	286	19:26
2025	May	01	(Thu)	05:07	05:55	74	12:16	90S	18:38	286	19:26
2025	May	02	(Fri)	05:06	05:55	74	12:16	90S	18:38	286	19:27
2025	May	03	(Sat)	05:06	05:55	73	12:16	91N	18:38	287	19:27
2025	May	04	(Sun)	05:05	05:54	73	12:16	90N	18:38	287	19:27
2025	May	05	(Mon)	05:05	05:54	73	12:16	90N	18:39	287	19:28
2025	May	06	(Tue)	05:04	05:53	73	12:16	90N	18:39	288	19:28
2025	May	07	(Wed)	05:04	05:53	72	12:16	90N	18:39	288	19:28
2025	May	08	(Thu)	05:03	05:52	72	12:16	89N	18:39	288	19:29
2025	May	09	(Fri)	05:03	05:52	72	12:16	89N	18:40	288	19:29
2025	May	10	(Sat)	05:02	05:52	71	12:16	89N	18:40	289	19:30
2025	May	11	(Sun)	05:02	05:51	71	12:16	88N	18:40	289	19:30
2025	May	12	(Mon)	05:01	05:51	71	12:16	88N	18:41	289	19:30

2025	May	13	(Tue)	05:01	05:51	71	12:16	88N	18:41	290	19:31
2025	May	14	(Wed)	05:00	05:50	70	12:16	88N	18:41	290	19:31
2025	May	15	(Thu)	05:00	05:50	70	12:16	87N	18:42	290	19:32
2025	May	16	(Fri)	05:00	05:50	70	12:16	87N	18:42	290	19:32
2025	May	17	(Sat)	04:59	05:49	70	12:16	87N	18:42	290	19:32
2025	May	18	(Sun)	04:59	05:49	69	12:16	87N	18:42	291	19:33
2025	May	19	(Mon)	04:59	05:49	69	12:16	87N	18:43	291	19:33
2025	May	20	(Tue)	04:58	05:49	69	12:16	86N	18:43	291	19:34
2025	May	21	(Wed)	04:58	05:48	69	12:16	86N	18:43	291	19:34
2025	May	22	(Thu)	04:58	05:48	69	12:16	86N	18:44	292	19:34
2025	May	23	(Fri)	04:57	05:48	68	12:16	86N	18:44	292	19:35
2025	May	24	(Sat)	04:57	05:48	68	12:16	86N	18:44	292	19:35
2025	May	25	(Sun)	04:57	05:48	68	12:16	85N	18:45	292	19:36
2025	May	26	(Mon)	04:57	05:48	68	12:16	85N	18:45	292	19:36
2025	May	27	(Tue)	04:57	05:48	68	12:16	85N	18:46	293	19:37
2025	May	28	(Wed)	04:56	05:47	67	12:17	85N	18:46	293	19:37
2025	May	29	(Thu)	04:56	05:47	67	12:17	85N	18:46	293	19:37
2025	May	30	(Fri)	04:56	05:47	67	12:17	85N	18:47	293	19:38
2025	May	31	(Sat)	04:56	05:47	67	12:17	84N	18:47	293	19:38
2025	Jun	01	(Sun)	04:56	05:47	67	12:17	84N	18:47	293	19:39
2025	Jun	02	(Mon)	04:56	05:47	67	12:17	84N	18:48	293	19:39
2025	Jun	03	(Tue)	04:56	05:47	67	12:17	84N	18:48	294	19:39
2025	Jun	04	(Wed)	04:56	05:47	66	12:18	84N	18:48	294	19:40
2025	Jun	05	(Thu)	04:56	05:47	66	12:18	84N	18:49	294	19:40
2025	Jun	06	(Fri)	04:56	05:47	66	12:18	84N	18:49	294	19:40
2025	Jun	07	(Sat)	04:56	05:47	66	12:18	84N	18:49	294	19:41
2025	Jun	08	(Sun)	04:56	05:47	66	12:18	84N	18:49	294	19:41
2025	Jun	09	(Mon)	04:56	05:47	66	12:19	83N	18:50	294	19:42
2025	Jun	10	(Tue)	04:56	05:48	66	12:19	83N	18:50	294	19:42
2025	Jun	11	(Wed)	04:56	05:48	66	12:19	83N	18:50	294	19:42
2025	Jun	12	(Thu)	04:56	05:48	66	12:19	83N	18:51	294	19:43
2025	Jun	13	(Fri)	04:56	05:48	66	12:19	83N	18:51	294	19:43
2025	Jun	14	(Sat)	04:56	05:48	66	12:20	83N	18:51	295	19:43
2025	Jun	15	(Sun)	04:56	05:48	65	12:20	83N	18:52	295	19:43
2025	Jun	16	(Mon)	04:56	05:48	65	12:20	83N	18:52	295	19:44
2025	Jun	17	(Tue)	04:57	05:48	65	12:20	83N	18:52	295	19:44
2025	Jun	18	(Wed)	04:57	05:49	65	12:20	83N	18:52	295	19:44
2025	Jun	19	(Thu)	04:57	05:49	65	12:21	83N	18:53	295	19:44
2025	Jun	20	(Fri)	04:57	05:49	65	12:21	83N	18:53	295	19:45
2025	Jun	21	(Sat)	04:57	05:49	65	12:21	83N	18:53	295	19:45
2025	Jun	22	(Sun)	04:58	05:49	65	12:21	83N	18:53	295	19:45
2025	Jun	23	(Mon)	04:58	05:50	65	12:22	83N	18:53	295	19:45
2025	Jun	24	(Tue)	04:58	05:50	65	12:22	83N	18:54	295	19:46
2025	Jun	25	(Wed)	04:58	05:50	65	12:22	83N	18:54	295	19:46
2025	Jun	26	(Thu)	04:59	05:50	65	12:22	83N	18:54	295	19:46
2025	Jun	27	(Fri)	04:59	05:51	65	12:22	83N	18:54	295	19:46
2025	Jun	28	(Sat)	04:59	05:51	66	12:23	83N	18:54	294	19:46
2025	Jun	29	(Sun)	04:59	05:51	66	12:23	83N	18:54	294	19:46
2025	Jun	30	(Mon)	05:00	05:52	66	12:23	83N	18:54	294	19:46
2025	Jul	01	(Tue)	05:00	05:52	66	12:23	83N	18:55	294	19:46
2025	Jul	02	(Wed)	05:00	05:52	66	12:23	83N	18:55	294	19:46
2025	Jul	03	(Thu)	05:01	05:52	66	12:24	83N	18:55	294	19:46
2025	Jul	04	(Fri)	05:01	05:53	66	12:24	84N	18:55	294	19:46
2025	Jul	05	(Sat)	05:01	05:53	66	12:24	84N	18:55	294	19:46
2025	Jul	06	(Sun)	05:02	05:53	66	12:24	84N	18:55	294	19:46
2025	Jul	07	(Mon)	05:02	05:54	66	12:24	84N	18:55	294	19:46
2025	Jul	08	(Tue)	05:02	05:54	66	12:24	84N	18:55	294	19:46
2025	Jul	09	(Wed)	05:03	05:54	66	12:25	84N	18:55	293	19:46
2025	Jul	10	(Thu)	05:03	05:55	67	12:25	84N	18:55	293	19:46
2025	Jul	11	(Fri)	05:04	05:55	67	12:25	84N	18:55	293	19:46
2025	Jul	12	(Sat)	05:04	05:55	67	12:25	84N	18:55	293	19:46
2025	Jul	13	(Sun)	05:04	05:55	67	12:25	85N	18:55	293	19:46
2025	Jul	14	(Mon)	05:05	05:56	67	12:25	85N	18:55	293	19:46
2025	Jul	15	(Tue)	05:05	05:56	67	12:25	85N	18:54	293	19:45
2025	Jul	16	(Wed)	05:05	05:56	68	12:25	85N	18:54	292	19:45
2025	Jul	17	(Thu)	05:06	05:57	68	12:25	85N	18:54	292	19:45
2025	Jul	18	(Fri)	05:06	05:57	68	12:26	85N	18:54	292	19:45
2025	Jul	19	(Sat)	05:07	05:57	68	12:26	86N	18:54	292	19:45
2025	Jul	20	(Sun)	05:07	05:58	68	12:26	86N	18:54	292	19:44
2025	Jul	21	(Mon)	05:07	05:58	68	12:26	86N	18:53	291	19:44
2025	Jul	22	(Tue)	05:08	05:58	69	12:26	86N	18:53	291	19:44
2025	Jul	23	(Wed)	05:08	05:59	69	12:26	86N	18:53	291	19:43

2025	Jul	24	(Thu)	05:08	05:59	69	12:26	87N	18:53	291	19:43
2025	Jul	25	(Fri)	05:09	05:59	69	12:26	87N	18:52	291	19:43
2025	Jul	26	(Sat)	05:09	05:59	70	12:26	87N	18:52	290	19:42
2025	Jul	27	(Sun)	05:10	06:00	70	12:26	87N	18:52	290	19:42
2025	Jul	28	(Mon)	05:10	06:00	70	12:26	88N	18:52	290	19:42
2025	Jul	29	(Tue)	05:10	06:00	70	12:26	88N	18:51	290	19:41
2025	Jul	30	(Wed)	05:11	06:01	71	12:26	88N	18:51	289	19:41
2025	Jul	31	(Thu)	05:11	06:01	71	12:26	88N	18:51	289	19:40
2025	Aug	01	(Fri)	05:11	06:01	71	12:26	88N	18:50	289	19:40
2025	Aug	02	(Sat)	05:12	06:01	71	12:26	89N	18:50	289	19:39
2025	Aug	03	(Sun)	05:12	06:02	72	12:26	89N	18:49	288	19:39
2025	Aug	04	(Mon)	05:12	06:02	72	12:25	89N	18:49	288	19:38
2025	Aug	05	(Tue)	05:13	06:02	72	12:25	90N	18:48	288	19:38
2025	Aug	06	(Wed)	05:13	06:02	72	12:25	90N	18:48	287	19:37
2025	Aug	07	(Thu)	05:13	06:03	73	12:25	90N	18:48	287	19:37
2025	Aug	08	(Fri)	05:14	06:03	73	12:25	90N	18:47	287	19:36
2025	Aug	09	(Sat)	05:14	06:03	73	12:25	91N	18:47	287	19:35
2025	Aug	10	(Sun)	05:14	06:03	74	12:25	90S	18:46	286	19:35
2025	Aug	11	(Mon)	05:15	06:03	74	12:25	90S	18:45	286	19:34
2025	Aug	12	(Tue)	05:15	06:04	74	12:24	90S	18:45	286	19:34
2025	Aug	13	(Wed)	05:15	06:04	75	12:24	90S	18:44	285	19:33
2025	Aug	14	(Thu)	05:15	06:04	75	12:24	89S	18:44	285	19:32
2025	Aug	15	(Fri)	05:16	06:04	75	12:24	89S	18:43	285	19:32
2025	Aug	16	(Sat)	05:16	06:04	75	12:24	89S	18:43	284	19:31
2025	Aug	17	(Sun)	05:16	06:05	76	12:23	88S	18:42	284	19:30
2025	Aug	18	(Mon)	05:16	06:05	76	12:23	88S	18:41	284	19:30
2025	Aug	19	(Tue)	05:17	06:05	76	12:23	88S	18:41	283	19:29
2025	Aug	20	(Wed)	05:17	06:05	77	12:23	87S	18:40	283	19:28
2025	Aug	21	(Thu)	05:17	06:05	77	12:22	87S	18:40	283	19:27
2025	Aug	22	(Fri)	05:17	06:05	78	12:22	87S	18:39	282	19:27
2025	Aug	23	(Sat)	05:18	06:05	78	12:22	86S	18:38	282	19:26
2025	Aug	24	(Sun)	05:18	06:06	78	12:22	86S	18:38	282	19:25
2025	Aug	25	(Mon)	05:18	06:06	79	12:21	86S	18:37	281	19:25
2025	Aug	26	(Tue)	05:18	06:06	79	12:21	85S	18:36	281	19:24
2025	Aug	27	(Wed)	05:18	06:06	79	12:21	85S	18:36	280	19:23
2025	Aug	28	(Thu)	05:19	06:06	80	12:21	85S	18:35	280	19:22
2025	Aug	29	(Fri)	05:19	06:06	80	12:20	84S	18:34	280	19:21
2025	Aug	30	(Sat)	05:19	06:06	80	12:20	84S	18:33	279	19:21
2025	Aug	31	(Sun)	05:19	06:06	81	12:20	84S	18:33	279	19:20
2025	Sep	01	(Mon)	05:19	06:07	81	12:19	83S	18:32	279	19:19
2025	Sep	02	(Tue)	05:20	06:07	82	12:19	83S	18:31	278	19:18
2025	Sep	03	(Wed)	05:20	06:07	82	12:19	82S	18:30	278	19:17
2025	Sep	04	(Thu)	05:20	06:07	82	12:18	82S	18:30	277	19:17
2025	Sep	05	(Fri)	05:20	06:07	83	12:18	82S	18:29	277	19:16
2025	Sep	06	(Sat)	05:20	06:07	83	12:18	81S	18:28	277	19:15
2025	Sep	07	(Sun)	05:20	06:07	83	12:17	81S	18:27	276	19:14
2025	Sep	08	(Mon)	05:20	06:07	84	12:17	81S	18:27	276	19:13
2025	Sep	09	(Tue)	05:20	06:07	84	12:17	80S	18:26	276	19:13
2025	Sep	10	(Wed)	05:21	06:07	85	12:16	80S	18:25	275	19:12
2025	Sep	11	(Thu)	05:21	06:07	85	12:16	79S	18:24	275	19:11
2025	Sep	12	(Fri)	05:21	06:08	85	12:16	79S	18:23	274	19:10
2025	Sep	13	(Sat)	05:21	06:08	86	12:15	79S	18:23	274	19:09
2025	Sep	14	(Sun)	05:21	06:08	86	12:15	78S	18:22	274	19:08
2025	Sep	15	(Mon)	05:21	06:08	87	12:15	78S	18:21	273	19:08
2025	Sep	16	(Tue)	05:21	06:08	87	12:14	78S	18:20	273	19:07
2025	Sep	17	(Wed)	05:21	06:08	87	12:14	77S	18:19	272	19:06
2025	Sep	18	(Thu)	05:21	06:08	88	12:13	77S	18:19	272	19:05
2025	Sep	19	(Fri)	05:22	06:08	88	12:13	76S	18:18	272	19:04
2025	Sep	20	(Sat)	05:22	06:08	89	12:13	76S	18:17	271	19:04
2025	Sep	21	(Sun)	05:22	06:08	89	12:12	76S	18:16	271	19:03
2025	Sep	22	(Mon)	05:22	06:08	89	12:12	75S	18:16	270	19:02
2025	Sep	23	(Tue)	05:22	06:08	90	12:12	75S	18:15	270	19:01
2025	Sep	24	(Wed)	05:22	06:09	90	12:11	74S	18:14	270	19:00
2025	Sep	25	(Thu)	05:22	06:09	91	12:11	74S	18:13	269	19:00
2025	Sep	26	(Fri)	05:22	06:09	91	12:11	74S	18:12	269	18:59
2025	Sep	27	(Sat)	05:22	06:09	91	12:10	73S	18:12	268	18:58
2025	Sep	28	(Sun)	05:22	06:09	92	12:10	73S	18:11	268	18:57
2025	Sep	29	(Mon)	05:23	06:09	92	12:10	72S	18:10	268	18:56
2025	Sep	30	(Tue)	05:23	06:09	93	12:09	72S	18:09	267	18:56
2025	Oct	01	(Wed)	05:23	06:09	93	12:09	72S	18:09	267	18:55
2025	Oct	02	(Thu)	05:23	06:09	93	12:09	71S	18:08	266	18:54
2025	Oct	03	(Fri)	05:23	06:09	94	12:08	71S	18:07	266	18:53

2025	Oct	04	(Sat)	05:23	06:10	94	12:08	71S	18:06	266	18:53
2025	Oct	05	(Sun)	05:23	06:10	95	12:08	70S	18:06	265	18:52
2025	Oct	06	(Mon)	05:23	06:10	95	12:07	70S	18:05	265	18:51
2025	Oct	07	(Tue)	05:23	06:10	95	12:07	69S	18:04	264	18:51
2025	Oct	08	(Wed)	05:24	06:10	96	12:07	69S	18:03	264	18:50
2025	Oct	09	(Thu)	05:24	06:10	96	12:07	69S	18:03	264	18:49
2025	Oct	10	(Fri)	05:24	06:10	97	12:06	68S	18:02	263	18:49
2025	Oct	11	(Sat)	05:24	06:11	97	12:06	68S	18:01	263	18:48
2025	Oct	12	(Sun)	05:24	06:11	97	12:06	68S	18:01	262	18:47
2025	Oct	13	(Mon)	05:24	06:11	98	12:06	67S	18:00	262	18:47
2025	Oct	14	(Tue)	05:24	06:11	98	12:05	67S	17:59	262	18:46
2025	Oct	15	(Wed)	05:25	06:11	99	12:05	66S	17:59	261	18:45
2025	Oct	16	(Thu)	05:25	06:12	99	12:05	66S	17:58	261	18:45
2025	Oct	17	(Fri)	05:25	06:12	99	12:05	66S	17:57	260	18:44
2025	Oct	18	(Sat)	05:25	06:12	100	12:04	65S	17:57	260	18:44
2025	Oct	19	(Sun)	05:25	06:12	100	12:04	65S	17:56	260	18:43
2025	Oct	20	(Mon)	05:25	06:12	101	12:04	65S	17:56	259	18:43
2025	Oct	21	(Tue)	05:26	06:13	101	12:04	64S	17:55	259	18:42
2025	Oct	22	(Wed)	05:26	06:13	101	12:04	64S	17:54	259	18:42
2025	Oct	23	(Thu)	05:26	06:13	102	12:04	64S	17:54	258	18:41
2025	Oct	24	(Fri)	05:26	06:13	102	12:04	63S	17:53	258	18:41
2025	Oct	25	(Sat)	05:26	06:14	102	12:03	63S	17:53	257	18:40
2025	Oct	26	(Sun)	05:27	06:14	103	12:03	62S	17:52	257	18:40
2025	Oct	27	(Mon)	05:27	06:14	103	12:03	62S	17:52	257	18:39
2025	Oct	28	(Tue)	05:27	06:15	103	12:03	62S	17:51	256	18:39
2025	Oct	29	(Wed)	05:27	06:15	104	12:03	61S	17:51	256	18:38
2025	Oct	30	(Thu)	05:28	06:15	104	12:03	61S	17:51	256	18:38
2025	Oct	31	(Fri)	05:28	06:16	104	12:03	61S	17:50	255	18:38
2025	Nov	01	(Sat)	05:28	06:16	105	12:03	60S	17:50	255	18:37
2025	Nov	02	(Sun)	05:29	06:16	105	12:03	60S	17:49	255	18:37
2025	Nov	03	(Mon)	05:29	06:17	105	12:03	60S	17:49	254	18:37
2025	Nov	04	(Tue)	05:29	06:17	106	12:03	60S	17:49	254	18:36
2025	Nov	05	(Wed)	05:29	06:17	106	12:03	59S	17:48	254	18:36
2025	Nov	06	(Thu)	05:30	06:18	106	12:03	59S	17:48	253	18:36
2025	Nov	07	(Fri)	05:30	06:18	107	12:03	59S	17:48	253	18:36
2025	Nov	08	(Sat)	05:30	06:19	107	12:03	58S	17:47	253	18:35
2025	Nov	09	(Sun)	05:31	06:19	107	12:03	58S	17:47	253	18:35
2025	Nov	10	(Mon)	05:31	06:19	108	12:03	58S	17:47	252	18:35
2025	Nov	11	(Tue)	05:32	06:20	108	12:03	58S	17:47	252	18:35
2025	Nov	12	(Wed)	05:32	06:20	108	12:03	57S	17:46	252	18:35
2025	Nov	13	(Thu)	05:32	06:21	108	12:04	57S	17:46	251	18:35
2025	Nov	14	(Fri)	05:33	06:21	109	12:04	57S	17:46	251	18:35
2025	Nov	15	(Sat)	05:33	06:22	109	12:04	56S	17:46	251	18:35
2025	Nov	16	(Sun)	05:34	06:22	109	12:04	56S	17:46	251	18:34
2025	Nov	17	(Mon)	05:34	06:23	110	12:04	56S	17:46	250	18:34
2025	Nov	18	(Tue)	05:34	06:23	110	12:04	56S	17:46	250	18:34
2025	Nov	19	(Wed)	05:35	06:24	110	12:05	55S	17:45	250	18:34
2025	Nov	20	(Thu)	05:35	06:24	110	12:05	55S	17:45	250	18:34
2025	Nov	21	(Fri)	05:36	06:25	110	12:05	55S	17:45	249	18:34
2025	Nov	22	(Sat)	05:36	06:25	111	12:05	55S	17:45	249	18:35
2025	Nov	23	(Sun)	05:37	06:26	111	12:06	55S	17:45	249	18:35
2025	Nov	24	(Mon)	05:37	06:26	111	12:06	54S	17:45	249	18:35
2025	Nov	25	(Tue)	05:38	06:27	111	12:06	54S	17:45	249	18:35
2025	Nov	26	(Wed)	05:38	06:28	112	12:07	54S	17:46	248	18:35
2025	Nov	27	(Thu)	05:39	06:28	112	12:07	54S	17:46	248	18:35
2025	Nov	28	(Fri)	05:39	06:29	112	12:07	54S	17:46	248	18:35
2025	Nov	29	(Sat)	05:40	06:29	112	12:08	53S	17:46	248	18:35
2025	Nov	30	(Sun)	05:40	06:30	112	12:08	53S	17:46	248	18:36
2025	Dec	01	(Mon)	05:41	06:30	112	12:08	53S	17:46	247	18:36
2025	Dec	02	(Tue)	05:41	06:31	113	12:09	53S	17:46	247	18:36
2025	Dec	03	(Wed)	05:42	06:31	113	12:09	53S	17:47	247	18:36
2025	Dec	04	(Thu)	05:42	06:32	113	12:09	53S	17:47	247	18:37
2025	Dec	05	(Fri)	05:43	06:33	113	12:10	53S	17:47	247	18:37
2025	Dec	06	(Sat)	05:43	06:33	113	12:10	52S	17:47	247	18:37
2025	Dec	07	(Sun)	05:44	06:34	113	12:11	52S	17:48	247	18:38
2025	Dec	08	(Mon)	05:44	06:34	113	12:11	52S	17:48	247	18:38
2025	Dec	09	(Tue)	05:45	06:35	114	12:12	52S	17:48	246	18:38
2025	Dec	10	(Wed)	05:45	06:35	114	12:12	52S	17:49	246	18:39
2025	Dec	11	(Thu)	05:46	06:36	114	12:13	52S	17:49	246	18:39
2025	Dec	12	(Fri)	05:46	06:37	114	12:13	52S	17:49	246	18:39
2025	Dec	13	(Sat)	05:47	06:37	114	12:13	52S	17:50	246	18:40
2025	Dec	14	(Sun)	05:48	06:38	114	12:14	52S	17:50	246	18:40

2025	Dec 15	(Mon)	05:48	06:38	114	12:14	52S	17:51	246	18:41
2025	Dec 16	(Tue)	05:49	06:39	114	12:15	52S	17:51	246	18:41
2025	Dec 17	(Wed)	05:49	06:39	114	12:15	52S	17:51	246	18:42
2025	Dec 18	(Thu)	05:50	06:40	114	12:16	52S	17:52	246	18:42
2025	Dec 19	(Fri)	05:50	06:40	114	12:16	52S	17:52	246	18:43
2025	Dec 20	(Sat)	05:51	06:41	114	12:17	52S	17:53	246	18:43
2025	Dec 21	(Sun)	05:51	06:41	114	12:17	52S	17:53	246	18:44
2025	Dec 22	(Mon)	05:52	06:42	114	12:18	52S	17:54	246	18:44
2025	Dec 23	(Tue)	05:52	06:42	114	12:18	52S	17:54	246	18:45
2025	Dec 24	(Wed)	05:53	06:43	114	12:19	52S	17:55	246	18:45
2025	Dec 25	(Thu)	05:53	06:43	114	12:19	52S	17:55	246	18:46
2025	Dec 26	(Fri)	05:54	06:44	114	12:20	52S	17:56	246	18:46
2025	Dec 27	(Sat)	05:54	06:44	114	12:20	52S	17:56	246	18:47
2025	Dec 28	(Sun)	05:55	06:45	114	12:21	52S	17:57	246	18:47
2025	Dec 29	(Mon)	05:55	06:45	114	12:21	52S	17:58	246	18:48
2025	Dec 30	(Tue)	05:55	06:46	114	12:22	52S	17:58	246	18:48
2025	Dec 31	(Wed)	05:56	06:46	114	12:22	52S	17:59	246	18:49

Sun

Nakhon Sawan

Location: E100°10'26.4", N15°42'43.1", 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)	06:23	06:46	114	12:23	52S	17:59	246	18:23
2025	Jan 02	(Thu)	06:23	06:47	114	12:23	52S	18:00	246	18:23
2025	Jan 03	(Fri)	06:24	06:47	114	12:24	52S	18:01	247	18:24
2025	Jan 04	(Sat)	06:24	06:47	113	12:24	52S	18:01	247	18:24
2025	Jan 05	(Sun)	06:24	06:48	113	12:25	52S	18:02	247	18:25
2025	Jan 06	(Mon)	06:25	06:48	113	12:25	53S	18:02	247	18:26
2025	Jan 07	(Tue)	06:25	06:48	113	12:26	53S	18:03	247	18:26
2025	Jan 08	(Wed)	06:25	06:49	113	12:26	53S	18:04	247	18:27
2025	Jan 09	(Thu)	06:26	06:49	113	12:26	53S	18:04	247	18:27
2025	Jan 10	(Fri)	06:26	06:49	113	12:27	53S	18:05	247	18:28
2025	Jan 11	(Sat)	06:26	06:49	112	12:27	53S	18:05	248	18:28
2025	Jan 12	(Sun)	06:26	06:49	112	12:28	53S	18:06	248	18:29
2025	Jan 13	(Mon)	06:27	06:50	112	12:28	54S	18:07	248	18:30
2025	Jan 14	(Tue)	06:27	06:50	112	12:28	54S	18:07	248	18:30
2025	Jan 15	(Wed)	06:27	06:50	112	12:29	54S	18:08	248	18:31
2025	Jan 16	(Thu)	06:27	06:50	112	12:29	54S	18:08	249	18:31
2025	Jan 17	(Fri)	06:27	06:50	111	12:29	54S	18:09	249	18:32
2025	Jan 18	(Sat)	06:27	06:50	111	12:30	55S	18:09	249	18:32
2025	Jan 19	(Sun)	06:27	06:50	111	12:30	55S	18:10	249	18:33
2025	Jan 20	(Mon)	06:27	06:50	111	12:30	55S	18:11	249	18:33
2025	Jan 21	(Tue)	06:27	06:50	110	12:31	55S	18:11	250	18:34
2025	Jan 22	(Wed)	06:27	06:50	110	12:31	55S	18:12	250	18:34
2025	Jan 23	(Thu)	06:27	06:50	110	12:31	56S	18:12	250	18:35
2025	Jan 24	(Fri)	06:27	06:50	110	12:31	56S	18:13	250	18:35
2025	Jan 25	(Sat)	06:27	06:50	109	12:32	56S	18:13	251	18:36
2025	Jan 26	(Sun)	06:27	06:50	109	12:32	56S	18:14	251	18:36
2025	Jan 27	(Mon)	06:27	06:50	109	12:32	57S	18:14	251	18:37
2025	Jan 28	(Tue)	06:27	06:50	109	12:32	57S	18:15	251	18:37
2025	Jan 29	(Wed)	06:27	06:50	108	12:32	57S	18:15	252	18:38
2025	Jan 30	(Thu)	06:27	06:49	108	12:33	57S	18:16	252	18:38
2025	Jan 31	(Fri)	06:27	06:49	108	12:33	58S	18:16	252	18:39
2025	Feb 01	(Sat)	06:27	06:49	108	12:33	58S	18:17	253	18:39
2025	Feb 02	(Sun)	06:26	06:49	107	12:33	58S	18:17	253	18:40
2025	Feb 03	(Mon)	06:26	06:49	107	12:33	59S	18:18	253	18:40
2025	Feb 04	(Tue)	06:26	06:48	107	12:33	59S	18:18	254	18:41
2025	Feb 05	(Wed)	06:26	06:48	106	12:33	59S	18:19	254	18:41
2025	Feb 06	(Thu)	06:26	06:48	106	12:33	59S	18:19	254	18:41
2025	Feb 07	(Fri)	06:25	06:47	106	12:33	60S	18:20	254	18:42
2025	Feb 08	(Sat)	06:25	06:47	105	12:33	60S	18:20	255	18:42
2025	Feb 09	(Sun)	06:25	06:47	105	12:33	60S	18:20	255	18:43
2025	Feb 10	(Mon)	06:24	06:46	105	12:33	61S	18:21	255	18:43
2025	Feb 11	(Tue)	06:24	06:46	104	12:34	61S	18:21	256	18:43

2025	Feb	12	(Wed)	06:24	06:46	104	12:33	61S	18:22	256	18:44
2025	Feb	13	(Thu)	06:23	06:45	104	12:33	62S	18:22	257	18:44
2025	Feb	14	(Fri)	06:23	06:45	103	12:33	62S	18:22	257	18:44
2025	Feb	15	(Sat)	06:22	06:44	103	12:33	62S	18:23	257	18:45
2025	Feb	16	(Sun)	06:22	06:44	103	12:33	63S	18:23	258	18:45
2025	Feb	17	(Mon)	06:22	06:43	102	12:33	63S	18:23	258	18:45
2025	Feb	18	(Tue)	06:21	06:43	102	12:33	63S	18:24	258	18:45
2025	Feb	19	(Wed)	06:21	06:42	101	12:33	64S	18:24	259	18:46
2025	Feb	20	(Thu)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2025	Feb	21	(Fri)	06:20	06:41	101	12:33	65S	18:25	259	18:46
2025	Feb	22	(Sat)	06:19	06:41	100	12:33	65S	18:25	260	18:47
2025	Feb	23	(Sun)	06:19	06:40	100	12:33	65S	18:25	260	18:47
2025	Feb	24	(Mon)	06:18	06:40	100	12:32	66S	18:25	261	18:47
2025	Feb	25	(Tue)	06:17	06:39	99	12:32	66S	18:26	261	18:47
2025	Feb	26	(Wed)	06:17	06:39	99	12:32	66S	18:26	261	18:48
2025	Feb	27	(Thu)	06:16	06:38	98	12:32	67S	18:26	262	18:48
2025	Feb	28	(Fri)	06:16	06:37	98	12:32	67S	18:26	262	18:48
2025	Mar	01	(Sat)	06:15	06:37	98	12:32	68S	18:27	263	18:48
2025	Mar	02	(Sun)	06:15	06:36	97	12:31	68S	18:27	263	18:49
2025	Mar	03	(Mon)	06:14	06:35	97	12:31	68S	18:27	263	18:49
2025	Mar	04	(Tue)	06:13	06:35	96	12:31	69S	18:27	264	18:49
2025	Mar	05	(Wed)	06:13	06:34	96	12:31	69S	18:28	264	18:49
2025	Mar	06	(Thu)	06:12	06:34	96	12:31	69S	18:28	265	18:49
2025	Mar	07	(Fri)	06:11	06:33	95	12:30	70S	18:28	265	18:50
2025	Mar	08	(Sat)	06:11	06:32	95	12:30	70S	18:28	265	18:50
2025	Mar	09	(Sun)	06:10	06:31	94	12:30	71S	18:28	266	18:50
2025	Mar	10	(Mon)	06:09	06:31	94	12:30	71S	18:29	266	18:50
2025	Mar	11	(Tue)	06:09	06:30	94	12:29	71S	18:29	267	18:50
2025	Mar	12	(Wed)	06:08	06:29	93	12:29	72S	18:29	267	18:50
2025	Mar	13	(Thu)	06:07	06:29	93	12:29	72S	18:29	267	18:51
2025	Mar	14	(Fri)	06:06	06:28	92	12:28	73S	18:29	268	18:51
2025	Mar	15	(Sat)	06:06	06:27	92	12:28	73S	18:29	268	18:51
2025	Mar	16	(Sun)	06:05	06:26	92	12:28	73S	18:30	269	18:51
2025	Mar	17	(Mon)	06:04	06:26	91	12:28	74S	18:30	269	18:51
2025	Mar	18	(Tue)	06:04	06:25	91	12:27	74S	18:30	269	18:51
2025	Mar	19	(Wed)	06:03	06:24	90	12:27	75S	18:30	270	18:52
2025	Mar	20	(Thu)	06:02	06:24	90	12:27	75S	18:30	270	18:52
2025	Mar	21	(Fri)	06:01	06:23	90	12:26	75S	18:30	271	18:52
2025	Mar	22	(Sat)	06:01	06:22	89	12:26	76S	18:30	271	18:52
2025	Mar	23	(Sun)	06:00	06:21	89	12:26	76S	18:31	272	18:52
2025	Mar	24	(Mon)	05:59	06:21	88	12:26	77S	18:31	272	18:52
2025	Mar	25	(Tue)	05:58	06:20	88	12:25	77S	18:31	272	18:52
2025	Mar	26	(Wed)	05:58	06:19	87	12:25	77S	18:31	273	18:53
2025	Mar	27	(Thu)	05:57	06:18	87	12:25	78S	18:31	273	18:53
2025	Mar	28	(Fri)	05:56	06:18	87	12:24	78S	18:31	274	18:53
2025	Mar	29	(Sat)	05:55	06:17	86	12:24	78S	18:31	274	18:53
2025	Mar	30	(Sun)	05:55	06:16	86	12:24	79S	18:32	274	18:53
2025	Mar	31	(Mon)	05:54	06:15	85	12:23	79S	18:32	275	18:53
2025	Apr	01	(Tue)	05:53	06:15	85	12:23	80S	18:32	275	18:53
2025	Apr	02	(Wed)	05:52	06:14	85	12:23	80S	18:32	276	18:54
2025	Apr	03	(Thu)	05:52	06:13	84	12:23	80S	18:32	276	18:54
2025	Apr	04	(Fri)	05:51	06:12	84	12:22	81S	18:32	276	18:54
2025	Apr	05	(Sat)	05:50	06:12	83	12:22	81S	18:32	277	18:54
2025	Apr	06	(Sun)	05:49	06:11	83	12:22	82S	18:33	277	18:54
2025	Apr	07	(Mon)	05:49	06:10	83	12:21	82S	18:33	278	18:54
2025	Apr	08	(Tue)	05:48	06:10	82	12:21	82S	18:33	278	18:55
2025	Apr	09	(Wed)	05:47	06:09	82	12:21	83S	18:33	278	18:55
2025	Apr	10	(Thu)	05:46	06:08	82	12:21	83S	18:33	279	18:55
2025	Apr	11	(Fri)	05:46	06:07	81	12:20	83S	18:33	279	18:55
2025	Apr	12	(Sat)	05:45	06:07	81	12:20	84S	18:34	279	18:55
2025	Apr	13	(Sun)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2025	Apr	14	(Mon)	05:44	06:05	80	12:20	84S	18:34	280	18:56
2025	Apr	15	(Tue)	05:43	06:05	80	12:19	85S	18:34	281	18:56
2025	Apr	16	(Wed)	05:42	06:04	79	12:19	85S	18:34	281	18:56
2025	Apr	17	(Thu)	05:42	06:03	79	12:19	86S	18:34	281	18:56
2025	Apr	18	(Fri)	05:41	06:03	79	12:19	86S	18:35	282	18:57
2025	Apr	19	(Sat)	05:40	06:02	78	12:18	86S	18:35	282	18:57
2025	Apr	20	(Sun)	05:40	06:02	78	12:18	87S	18:35	282	18:57
2025	Apr	21	(Mon)	05:39	06:01	77	12:18	87S	18:35	283	18:57
2025	Apr	22	(Tue)	05:38	06:00	77	12:18	87S	18:35	283	18:58
2025	Apr	23	(Wed)	05:38	06:00	77	12:18	88S	18:36	283	18:58
2025	Apr	24	(Thu)	05:37	05:59	76	12:17	88S	18:36	284	18:58

2025	Apr	25	(Fri)	05:36	05:59	76	12:17	88S	18:36	284	18:58
2025	Apr	26	(Sat)	05:36	05:58	76	12:17	89S	18:36	284	18:59
2025	Apr	27	(Sun)	05:35	05:58	75	12:17	89S	18:37	285	18:59
2025	Apr	28	(Mon)	05:35	05:57	75	12:17	89S	18:37	285	18:59
2025	Apr	29	(Tue)	05:34	05:56	75	12:17	90S	18:37	285	18:59
2025	Apr	30	(Wed)	05:34	05:56	74	12:17	90S	18:37	286	19:00
2025	May	01	(Thu)	05:33	05:55	74	12:16	90S	18:38	286	19:00
2025	May	02	(Fri)	05:33	05:55	74	12:16	90S	18:38	286	19:00
2025	May	03	(Sat)	05:32	05:55	73	12:16	91N	18:38	287	19:01
2025	May	04	(Sun)	05:32	05:54	73	12:16	90N	18:38	287	19:01
2025	May	05	(Mon)	05:31	05:54	73	12:16	90N	18:39	287	19:01
2025	May	06	(Tue)	05:31	05:53	73	12:16	90N	18:39	288	19:01
2025	May	07	(Wed)	05:30	05:53	72	12:16	90N	18:39	288	19:02
2025	May	08	(Thu)	05:30	05:52	72	12:16	89N	18:39	288	19:02
2025	May	09	(Fri)	05:29	05:52	72	12:16	89N	18:40	288	19:02
2025	May	10	(Sat)	05:29	05:52	71	12:16	89N	18:40	289	19:03
2025	May	11	(Sun)	05:28	05:51	71	12:16	88N	18:40	289	19:03
2025	May	12	(Mon)	05:28	05:51	71	12:16	88N	18:41	289	19:03
2025	May	13	(Tue)	05:28	05:51	71	12:16	88N	18:41	290	19:04
2025	May	14	(Wed)	05:27	05:50	70	12:16	88N	18:41	290	19:04
2025	May	15	(Thu)	05:27	05:50	70	12:16	87N	18:42	290	19:05
2025	May	16	(Fri)	05:27	05:50	70	12:16	87N	18:42	290	19:05
2025	May	17	(Sat)	05:26	05:49	70	12:16	87N	18:42	290	19:05
2025	May	18	(Sun)	05:26	05:49	69	12:16	87N	18:42	291	19:06
2025	May	19	(Mon)	05:26	05:49	69	12:16	87N	18:43	291	19:06
2025	May	20	(Tue)	05:26	05:49	69	12:16	86N	18:43	291	19:06
2025	May	21	(Wed)	05:25	05:48	69	12:16	86N	18:43	291	19:07
2025	May	22	(Thu)	05:25	05:48	69	12:16	86N	18:44	292	19:07
2025	May	23	(Fri)	05:25	05:48	68	12:16	86N	18:44	292	19:07
2025	May	24	(Sat)	05:25	05:48	68	12:16	86N	18:44	292	19:08
2025	May	25	(Sun)	05:24	05:48	68	12:16	85N	18:45	292	19:08
2025	May	26	(Mon)	05:24	05:48	68	12:16	85N	18:45	292	19:09
2025	May	27	(Tue)	05:24	05:48	68	12:16	85N	18:46	293	19:09
2025	May	28	(Wed)	05:24	05:47	67	12:17	85N	18:46	293	19:09
2025	May	29	(Thu)	05:24	05:47	67	12:17	85N	18:46	293	19:10
2025	May	30	(Fri)	05:24	05:47	67	12:17	85N	18:47	293	19:10
2025	May	31	(Sat)	05:24	05:47	67	12:17	84N	18:47	293	19:10
2025	Jun	01	(Sun)	05:24	05:47	67	12:17	84N	18:47	293	19:11
2025	Jun	02	(Mon)	05:24	05:47	67	12:17	84N	18:48	293	19:11
2025	Jun	03	(Tue)	05:24	05:47	67	12:17	84N	18:48	294	19:11
2025	Jun	04	(Wed)	05:24	05:47	66	12:18	84N	18:48	294	19:12
2025	Jun	05	(Thu)	05:24	05:47	66	12:18	84N	18:49	294	19:12
2025	Jun	06	(Fri)	05:24	05:47	66	12:18	84N	18:49	294	19:13
2025	Jun	07	(Sat)	05:24	05:47	66	12:18	84N	18:49	294	19:13
2025	Jun	08	(Sun)	05:24	05:47	66	12:18	84N	18:49	294	19:13
2025	Jun	09	(Mon)	05:24	05:47	66	12:19	83N	18:50	294	19:13
2025	Jun	10	(Tue)	05:24	05:48	66	12:19	83N	18:50	294	19:14
2025	Jun	11	(Wed)	05:24	05:48	66	12:19	83N	18:50	294	19:14
2025	Jun	12	(Thu)	05:24	05:48	66	12:19	83N	18:51	294	19:14
2025	Jun	13	(Fri)	05:24	05:48	66	12:19	83N	18:51	294	19:15
2025	Jun	14	(Sat)	05:24	05:48	66	12:20	83N	18:51	295	19:15
2025	Jun	15	(Sun)	05:24	05:48	65	12:20	83N	18:52	295	19:15
2025	Jun	16	(Mon)	05:24	05:48	65	12:20	83N	18:52	295	19:16
2025	Jun	17	(Tue)	05:25	05:48	65	12:20	83N	18:52	295	19:16
2025	Jun	18	(Wed)	05:25	05:49	65	12:20	83N	18:52	295	19:16
2025	Jun	19	(Thu)	05:25	05:49	65	12:21	83N	18:53	295	19:16
2025	Jun	20	(Fri)	05:25	05:49	65	12:21	83N	18:53	295	19:17
2025	Jun	21	(Sat)	05:25	05:49	65	12:21	83N	18:53	295	19:17
2025	Jun	22	(Sun)	05:26	05:49	65	12:21	83N	18:53	295	19:17
2025	Jun	23	(Mon)	05:26	05:50	65	12:22	83N	18:53	295	19:17
2025	Jun	24	(Tue)	05:26	05:50	65	12:22	83N	18:54	295	19:17
2025	Jun	25	(Wed)	05:26	05:50	65	12:22	83N	18:54	295	19:18
2025	Jun	26	(Thu)	05:27	05:50	65	12:22	83N	18:54	295	19:18
2025	Jun	27	(Fri)	05:27	05:51	65	12:22	83N	18:54	295	19:18
2025	Jun	28	(Sat)	05:27	05:51	66	12:23	83N	18:54	294	19:18
2025	Jun	29	(Sun)	05:27	05:51	66	12:23	83N	18:54	294	19:18
2025	Jun	30	(Mon)	05:28	05:52	66	12:23	83N	18:54	294	19:18
2025	Jul	01	(Tue)	05:28	05:52	66	12:23	83N	18:55	294	19:18
2025	Jul	02	(Wed)	05:28	05:52	66	12:23	83N	18:55	294	19:18
2025	Jul	03	(Thu)	05:29	05:52	66	12:24	83N	18:55	294	19:18
2025	Jul	04	(Fri)	05:29	05:53	66	12:24	84N	18:55	294	19:18
2025	Jul	05	(Sat)	05:29	05:53	66	12:24	84N	18:55	294	19:18

2025	Jul	06	(Sun)	05:30	05:53	66	12:24	84N	18:55	294	19:18
2025	Jul	07	(Mon)	05:30	05:54	66	12:24	84N	18:55	294	19:18
2025	Jul	08	(Tue)	05:30	05:54	66	12:24	84N	18:55	294	19:18
2025	Jul	09	(Wed)	05:31	05:54	66	12:25	84N	18:55	293	19:18
2025	Jul	10	(Thu)	05:31	05:55	67	12:25	84N	18:55	293	19:18
2025	Jul	11	(Fri)	05:31	05:55	67	12:25	84N	18:55	293	19:18
2025	Jul	12	(Sat)	05:32	05:55	67	12:25	84N	18:55	293	19:18
2025	Jul	13	(Sun)	05:32	05:55	67	12:25	85N	18:55	293	19:18
2025	Jul	14	(Mon)	05:32	05:56	67	12:25	85N	18:55	293	19:18
2025	Jul	15	(Tue)	05:33	05:56	67	12:25	85N	18:54	293	19:18
2025	Jul	16	(Wed)	05:33	05:56	68	12:25	85N	18:54	292	19:18
2025	Jul	17	(Thu)	05:33	05:57	68	12:25	85N	18:54	292	19:17
2025	Jul	18	(Fri)	05:34	05:57	68	12:26	85N	18:54	292	19:17
2025	Jul	19	(Sat)	05:34	05:57	68	12:26	86N	18:54	292	19:17
2025	Jul	20	(Sun)	05:34	05:58	68	12:26	86N	18:54	292	19:17
2025	Jul	21	(Mon)	05:35	05:58	68	12:26	86N	18:53	291	19:17
2025	Jul	22	(Tue)	05:35	05:58	69	12:26	86N	18:53	291	19:16
2025	Jul	23	(Wed)	05:35	05:59	69	12:26	86N	18:53	291	19:16
2025	Jul	24	(Thu)	05:36	05:59	69	12:26	87N	18:53	291	19:16
2025	Jul	25	(Fri)	05:36	05:59	69	12:26	87N	18:52	291	19:16
2025	Jul	26	(Sat)	05:36	05:59	70	12:26	87N	18:52	290	19:15
2025	Jul	27	(Sun)	05:37	06:00	70	12:26	87N	18:52	290	19:15
2025	Jul	28	(Mon)	05:37	06:00	70	12:26	88N	18:52	290	19:15
2025	Jul	29	(Tue)	05:37	06:00	70	12:26	88N	18:51	290	19:14
2025	Jul	30	(Wed)	05:38	06:01	71	12:26	88N	18:51	289	19:14
2025	Jul	31	(Thu)	05:38	06:01	71	12:26	88N	18:51	289	19:13
2025	Aug	01	(Fri)	05:38	06:01	71	12:26	88N	18:50	289	19:13
2025	Aug	02	(Sat)	05:39	06:01	71	12:26	89N	18:50	289	19:12
2025	Aug	03	(Sun)	05:39	06:02	72	12:26	89N	18:49	288	19:12
2025	Aug	04	(Mon)	05:39	06:02	72	12:25	89N	18:49	288	19:12
2025	Aug	05	(Tue)	05:39	06:02	72	12:25	90N	18:48	288	19:11
2025	Aug	06	(Wed)	05:40	06:02	72	12:25	90N	18:48	287	19:11
2025	Aug	07	(Thu)	05:40	06:03	73	12:25	90N	18:48	287	19:10
2025	Aug	08	(Fri)	05:40	06:03	73	12:25	90N	18:47	287	19:10
2025	Aug	09	(Sat)	05:40	06:03	73	12:25	91N	18:47	287	19:09
2025	Aug	10	(Sun)	05:41	06:03	74	12:25	90S	18:46	286	19:08
2025	Aug	11	(Mon)	05:41	06:03	74	12:25	90S	18:45	286	19:08
2025	Aug	12	(Tue)	05:41	06:04	74	12:24	90S	18:45	286	19:07
2025	Aug	13	(Wed)	05:41	06:04	75	12:24	90S	18:44	285	19:07
2025	Aug	14	(Thu)	05:42	06:04	75	12:24	89S	18:44	285	19:06
2025	Aug	15	(Fri)	05:42	06:04	75	12:24	89S	18:43	285	19:06
2025	Aug	16	(Sat)	05:42	06:04	75	12:24	89S	18:43	284	19:05
2025	Aug	17	(Sun)	05:42	06:05	76	12:23	88S	18:42	284	19:04
2025	Aug	18	(Mon)	05:42	06:05	76	12:23	88S	18:41	284	19:04
2025	Aug	19	(Tue)	05:43	06:05	76	12:23	88S	18:41	283	19:03
2025	Aug	20	(Wed)	05:43	06:05	77	12:23	87S	18:40	283	19:02
2025	Aug	21	(Thu)	05:43	06:05	77	12:22	87S	18:40	283	19:02
2025	Aug	22	(Fri)	05:43	06:05	78	12:22	87S	18:39	282	19:01
2025	Aug	23	(Sat)	05:43	06:05	78	12:22	86S	18:38	282	19:00
2025	Aug	24	(Sun)	05:44	06:06	78	12:22	86S	18:38	282	19:00
2025	Aug	25	(Mon)	05:44	06:06	79	12:21	86S	18:37	281	18:59
2025	Aug	26	(Tue)	05:44	06:06	79	12:21	85S	18:36	281	18:58
2025	Aug	27	(Wed)	05:44	06:06	79	12:21	85S	18:36	280	18:57
2025	Aug	28	(Thu)	05:44	06:06	80	12:21	85S	18:35	280	18:57
2025	Aug	29	(Fri)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2025	Aug	30	(Sat)	05:45	06:06	80	12:20	84S	18:33	279	18:55
2025	Aug	31	(Sun)	05:45	06:06	81	12:20	84S	18:33	279	18:54
2025	Sep	01	(Mon)	05:45	06:07	81	12:19	83S	18:32	279	18:54
2025	Sep	02	(Tue)	05:45	06:07	82	12:19	83S	18:31	278	18:53
2025	Sep	03	(Wed)	05:45	06:07	82	12:19	82S	18:30	278	18:52
2025	Sep	04	(Thu)	05:45	06:07	82	12:18	82S	18:30	277	18:51
2025	Sep	05	(Fri)	05:45	06:07	83	12:18	82S	18:29	277	18:51
2025	Sep	06	(Sat)	05:45	06:07	83	12:18	81S	18:28	277	18:50
2025	Sep	07	(Sun)	05:45	06:07	83	12:17	81S	18:27	276	18:49
2025	Sep	08	(Mon)	05:46	06:07	84	12:17	81S	18:27	276	18:48
2025	Sep	09	(Tue)	05:46	06:07	84	12:17	80S	18:26	276	18:47
2025	Sep	10	(Wed)	05:46	06:07	85	12:16	80S	18:25	275	18:47
2025	Sep	11	(Thu)	05:46	06:07	85	12:16	79S	18:24	275	18:46
2025	Sep	12	(Fri)	05:46	06:08	85	12:16	79S	18:23	274	18:45
2025	Sep	13	(Sat)	05:46	06:08	86	12:15	79S	18:23	274	18:44
2025	Sep	14	(Sun)	05:46	06:08	86	12:15	78S	18:22	274	18:43
2025	Sep	15	(Mon)	05:46	06:08	87	12:15	78S	18:21	273	18:43

2025	Sep	16	(Tue)	05:46	06:08	87	12:14	78S	18:20	273	18:42
2025	Sep	17	(Wed)	05:46	06:08	87	12:14	77S	18:19	272	18:41
2025	Sep	18	(Thu)	05:47	06:08	88	12:13	77S	18:19	272	18:40
2025	Sep	19	(Fri)	05:47	06:08	88	12:13	76S	18:18	272	18:39
2025	Sep	20	(Sat)	05:47	06:08	89	12:13	76S	18:17	271	18:39
2025	Sep	21	(Sun)	05:47	06:08	89	12:12	76S	18:16	271	18:38
2025	Sep	22	(Mon)	05:47	06:08	89	12:12	75S	18:16	270	18:37
2025	Sep	23	(Tue)	05:47	06:08	90	12:12	75S	18:15	270	18:36
2025	Sep	24	(Wed)	05:47	06:09	90	12:11	74S	18:14	270	18:35
2025	Sep	25	(Thu)	05:47	06:09	91	12:11	74S	18:13	269	18:35
2025	Sep	26	(Fri)	05:47	06:09	91	12:11	74S	18:12	269	18:34
2025	Sep	27	(Sat)	05:47	06:09	91	12:10	73S	18:12	268	18:33
2025	Sep	28	(Sun)	05:47	06:09	92	12:10	73S	18:11	268	18:32
2025	Sep	29	(Mon)	05:48	06:09	92	12:10	72S	18:10	268	18:32
2025	Sep	30	(Tue)	05:48	06:09	93	12:09	72S	18:09	267	18:31
2025	Oct	01	(Wed)	05:48	06:09	93	12:09	72S	18:09	267	18:30
2025	Oct	02	(Thu)	05:48	06:09	93	12:09	71S	18:08	266	18:29
2025	Oct	03	(Fri)	05:48	06:09	94	12:08	71S	18:07	266	18:29
2025	Oct	04	(Sat)	05:48	06:10	94	12:08	71S	18:06	266	18:28
2025	Oct	05	(Sun)	05:48	06:10	95	12:08	70S	18:06	265	18:27
2025	Oct	06	(Mon)	05:48	06:10	95	12:07	70S	18:05	265	18:26
2025	Oct	07	(Tue)	05:48	06:10	95	12:07	69S	18:04	264	18:26
2025	Oct	08	(Wed)	05:49	06:10	96	12:07	69S	18:03	264	18:25
2025	Oct	09	(Thu)	05:49	06:10	96	12:07	69S	18:03	264	18:24
2025	Oct	10	(Fri)	05:49	06:10	97	12:06	68S	18:02	263	18:24
2025	Oct	11	(Sat)	05:49	06:11	97	12:06	68S	18:01	263	18:23
2025	Oct	12	(Sun)	05:49	06:11	97	12:06	68S	18:01	262	18:22
2025	Oct	13	(Mon)	05:49	06:11	98	12:06	67S	18:00	262	18:22
2025	Oct	14	(Tue)	05:49	06:11	98	12:05	67S	17:59	262	18:21
2025	Oct	15	(Wed)	05:50	06:11	99	12:05	66S	17:59	261	18:20
2025	Oct	16	(Thu)	05:50	06:12	99	12:05	66S	17:58	261	18:20
2025	Oct	17	(Fri)	05:50	06:12	99	12:05	66S	17:57	260	18:19
2025	Oct	18	(Sat)	05:50	06:12	100	12:04	65S	17:57	260	18:19
2025	Oct	19	(Sun)	05:50	06:12	100	12:04	65S	17:56	260	18:18
2025	Oct	20	(Mon)	05:51	06:12	101	12:04	65S	17:56	259	18:17
2025	Oct	21	(Tue)	05:51	06:13	101	12:04	64S	17:55	259	18:17
2025	Oct	22	(Wed)	05:51	06:13	101	12:04	64S	17:54	259	18:16
2025	Oct	23	(Thu)	05:51	06:13	102	12:04	64S	17:54	258	18:16
2025	Oct	24	(Fri)	05:52	06:13	102	12:04	63S	17:53	258	18:15
2025	Oct	25	(Sat)	05:52	06:14	102	12:03	63S	17:53	257	18:15
2025	Oct	26	(Sun)	05:52	06:14	103	12:03	62S	17:52	257	18:14
2025	Oct	27	(Mon)	05:52	06:14	103	12:03	62S	17:52	257	18:14
2025	Oct	28	(Tue)	05:53	06:15	103	12:03	62S	17:51	256	18:13
2025	Oct	29	(Wed)	05:53	06:15	104	12:03	61S	17:51	256	18:13
2025	Oct	30	(Thu)	05:53	06:15	104	12:03	61S	17:51	256	18:13
2025	Oct	31	(Fri)	05:53	06:16	104	12:03	61S	17:50	255	18:12
2025	Nov	01	(Sat)	05:54	06:16	105	12:03	60S	17:50	255	18:12
2025	Nov	02	(Sun)	05:54	06:16	105	12:03	60S	17:49	255	18:11
2025	Nov	03	(Mon)	05:54	06:17	105	12:03	60S	17:49	254	18:11
2025	Nov	04	(Tue)	05:55	06:17	106	12:03	60S	17:49	254	18:11
2025	Nov	05	(Wed)	05:55	06:17	106	12:03	59S	17:48	254	18:10
2025	Nov	06	(Thu)	05:56	06:18	106	12:03	59S	17:48	253	18:10
2025	Nov	07	(Fri)	05:56	06:18	107	12:03	59S	17:48	253	18:10
2025	Nov	08	(Sat)	05:56	06:19	107	12:03	58S	17:47	253	18:10
2025	Nov	09	(Sun)	05:57	06:19	107	12:03	58S	17:47	253	18:09
2025	Nov	10	(Mon)	05:57	06:19	108	12:03	58S	17:47	252	18:09
2025	Nov	11	(Tue)	05:57	06:20	108	12:03	58S	17:47	252	18:09
2025	Nov	12	(Wed)	05:58	06:20	108	12:03	57S	17:46	252	18:09
2025	Nov	13	(Thu)	05:58	06:21	108	12:04	57S	17:46	251	18:09
2025	Nov	14	(Fri)	05:59	06:21	109	12:04	57S	17:46	251	18:09
2025	Nov	15	(Sat)	05:59	06:22	109	12:04	56S	17:46	251	18:08
2025	Nov	16	(Sun)	06:00	06:22	109	12:04	56S	17:46	251	18:08
2025	Nov	17	(Mon)	06:00	06:23	110	12:04	56S	17:46	250	18:08
2025	Nov	18	(Tue)	06:01	06:23	110	12:04	56S	17:46	250	18:08
2025	Nov	19	(Wed)	06:01	06:24	110	12:05	55S	17:45	250	18:08
2025	Nov	20	(Thu)	06:01	06:24	110	12:05	55S	17:45	250	18:08
2025	Nov	21	(Fri)	06:02	06:25	110	12:05	55S	17:45	249	18:08
2025	Nov	22	(Sat)	06:02	06:25	111	12:05	55S	17:45	249	18:08
2025	Nov	23	(Sun)	06:03	06:26	111	12:06	55S	17:45	249	18:08
2025	Nov	24	(Mon)	06:04	06:26	111	12:06	54S	17:45	249	18:08
2025	Nov	25	(Tue)	06:04	06:27	111	12:06	54S	17:45	249	18:08
2025	Nov	26	(Wed)	06:05	06:28	112	12:07	54S	17:46	248	18:09

2025	Nov	27	(Thu)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2025	Nov	28	(Fri)	06:06	06:29	112	12:07	54S	17:46	248	18:09
2025	Nov	29	(Sat)	06:06	06:29	112	12:08	53S	17:46	248	18:09
2025	Nov	30	(Sun)	06:07	06:30	112	12:08	53S	17:46	248	18:09
2025	Dec	01	(Mon)	06:07	06:30	112	12:08	53S	17:46	247	18:09
2025	Dec	02	(Tue)	06:08	06:31	113	12:09	53S	17:46	247	18:10
2025	Dec	03	(Wed)	06:08	06:31	113	12:09	53S	17:47	247	18:10
2025	Dec	04	(Thu)	06:09	06:32	113	12:09	53S	17:47	247	18:10
2025	Dec	05	(Fri)	06:09	06:33	113	12:10	53S	17:47	247	18:10
2025	Dec	06	(Sat)	06:10	06:33	113	12:10	52S	17:47	247	18:11
2025	Dec	07	(Sun)	06:11	06:34	113	12:11	52S	17:48	247	18:11
2025	Dec	08	(Mon)	06:11	06:34	113	12:11	52S	17:48	247	18:11
2025	Dec	09	(Tue)	06:12	06:35	114	12:12	52S	17:48	246	18:12
2025	Dec	10	(Wed)	06:12	06:35	114	12:12	52S	17:49	246	18:12
2025	Dec	11	(Thu)	06:13	06:36	114	12:13	52S	17:49	246	18:12
2025	Dec	12	(Fri)	06:13	06:37	114	12:13	52S	17:49	246	18:13
2025	Dec	13	(Sat)	06:14	06:37	114	12:13	52S	17:50	246	18:13
2025	Dec	14	(Sun)	06:14	06:38	114	12:14	52S	17:50	246	18:13
2025	Dec	15	(Mon)	06:15	06:38	114	12:14	52S	17:51	246	18:14
2025	Dec	16	(Tue)	06:15	06:39	114	12:15	52S	17:51	246	18:14
2025	Dec	17	(Wed)	06:16	06:39	114	12:15	52S	17:51	246	18:15
2025	Dec	18	(Thu)	06:17	06:40	114	12:16	52S	17:52	246	18:15
2025	Dec	19	(Fri)	06:17	06:40	114	12:16	52S	17:52	246	18:16
2025	Dec	20	(Sat)	06:18	06:41	114	12:17	52S	17:53	246	18:16
2025	Dec	21	(Sun)	06:18	06:41	114	12:17	52S	17:53	246	18:17
2025	Dec	22	(Mon)	06:19	06:42	114	12:18	52S	17:54	246	18:17
2025	Dec	23	(Tue)	06:19	06:42	114	12:18	52S	17:54	246	18:18
2025	Dec	24	(Wed)	06:20	06:43	114	12:19	52S	17:55	246	18:18
2025	Dec	25	(Thu)	06:20	06:43	114	12:19	52S	17:55	246	18:19
2025	Dec	26	(Fri)	06:20	06:44	114	12:20	52S	17:56	246	18:19
2025	Dec	27	(Sat)	06:21	06:44	114	12:20	52S	17:56	246	18:20
2025	Dec	28	(Sun)	06:21	06:45	114	12:21	52S	17:57	246	18:20
2025	Dec	29	(Mon)	06:22	06:45	114	12:21	52S	17:58	246	18:21
2025	Dec	30	(Tue)	06:22	06:46	114	12:22	52S	17:58	246	18:21
2025	Dec	31	(Wed)	06:23	06:46	114	12:22	52S	17:59	246	18:22

Moon

Nakhon Sawan
Location: E100°10'26.4", N15°42'43.1", 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)	07:56	117		13:37	49S		19:20	245	
2025 Jan 02 (Thu)	08:46	113		14:32	54S		20:20	249	
2025 Jan 03 (Fri)	09:32	108		15:23	59S		21:18	255	
2025 Jan 04 (Sat)	10:14	101		16:12	65S		22:15	262	
2025 Jan 05 (Sun)	10:54	94		17:00	72S		23:10	269	
2025 Jan 06 (Mon)	11:33	87		17:47	79S				
2025 Jan 07 (Tue)	12:13	80		18:35	86S		00:05	276	
2025 Jan 08 (Wed)	12:55	74		19:26	89N		01:02	283	
2025 Jan 09 (Thu)	13:41	68		20:20	84N		02:01	289	
2025 Jan 10 (Fri)	14:32	64		21:18	80N		03:03	295	
2025 Jan 11 (Sat)	15:29	61		22:19	78N		04:07	298	
2025 Jan 12 (Sun)	16:30	60		23:21	78N		05:11	300	
2025 Jan 13 (Mon)	17:32	62					06:11	299	
2025 Jan 14 (Tue)	18:33	65		00:20	80N		07:06	297	
2025 Jan 15 (Wed)	19:30	70		01:15	83N		07:55	293	
2025 Jan 16 (Thu)	20:23	75		02:05	88N		08:37	288	
2025 Jan 17 (Fri)	21:13	81		02:51	88S		09:15	282	
2025 Jan 18 (Sat)	22:01	87		03:34	82S		09:50	276	
2025 Jan 19 (Sun)	22:47	93		04:14	76S		10:23	270	
2025 Jan 20 (Mon)	23:33	99		04:53	70S		10:56	264	
2025 Jan 21 (Tue)				05:33	65S		11:29	258	
2025 Jan 22 (Wed)	00:20	105		06:14	59S		12:04	253	
2025 Jan 23 (Thu)	01:09	110		06:57	54S		12:42	248	
2025 Jan 24 (Fri)	02:01	114		07:44	50S		13:25	244	
2025 Jan 25 (Sat)	02:55	117		08:35	47S		14:13	241	

2025	Jan	26	(Sun)	03:52	119	09:29	46S	15:06	240
2025	Jan	27	(Mon)	04:49	120	10:27	46S	16:05	241
2025	Jan	28	(Tue)	05:45	118	11:24	48S	17:06	243
2025	Jan	29	(Wed)	06:37	115	12:21	52S	18:07	247
2025	Jan	30	(Thu)	07:25	110	13:15	57S	19:08	253
2025	Jan	31	(Fri)	08:10	104	14:06	63S	20:06	260
2025	Feb	01	(Sat)	08:52	97	14:56	70S	21:03	267
2025	Feb	02	(Sun)	09:32	89	15:44	77S	22:00	274
2025	Feb	03	(Mon)	10:12	82	16:32	84S	22:57	281
2025	Feb	04	(Tue)	10:54	75	17:23	91	23:56	288
2025	Feb	05	(Wed)	11:39	69	18:16	85N		
2025	Feb	06	(Thu)	12:28	65	19:12	81N	00:57	293
2025	Feb	07	(Fri)	13:22	61	20:11	78N	01:59	297
2025	Feb	08	(Sat)	14:20	60	21:12	78N	03:02	299
2025	Feb	09	(Sun)	15:21	61	22:10	79N	04:02	300
2025	Feb	10	(Mon)	16:21	63	23:06	82N	04:58	298
2025	Feb	11	(Tue)	17:19	68	23:57	86N	05:48	295
2025	Feb	12	(Wed)	18:14	73			06:32	290
2025	Feb	13	(Thu)	19:05	78	00:45	90S	07:12	284
2025	Feb	14	(Fri)	19:53	84	01:28	85S	07:48	279
2025	Feb	15	(Sat)	20:40	91	02:09	79S	08:21	272
2025	Feb	16	(Sun)	21:27	97	02:49	73S	08:54	266
2025	Feb	17	(Mon)	22:13	103	03:28	67S	09:27	260
2025	Feb	18	(Tue)	23:01	108	04:09	61S	10:01	255
2025	Feb	19	(Wed)	23:51	113	04:51	56S	10:38	250
2025	Feb	20	(Thu)			05:36	52S	11:18	245
2025	Feb	21	(Fri)	00:44	116	06:24	48S	12:03	242
2025	Feb	22	(Sat)	01:39	119	07:16	46S	12:53	240
2025	Feb	23	(Sun)	02:35	120	08:12	46S	13:48	240
2025	Feb	24	(Mon)	03:30	119	09:08	47S	14:47	242
2025	Feb	25	(Tue)	04:24	117	10:05	50S	15:48	245
2025	Feb	26	(Wed)	05:14	113	11:00	54S	16:50	250
2025	Feb	27	(Thu)	06:00	107	11:53	60S	17:50	256
2025	Feb	28	(Fri)	06:44	100	12:44	67S	18:49	263
2025	Mar	01	(Sat)	07:26	93	13:34	74S	19:48	271
2025	Mar	02	(Sun)	08:07	85	14:25	81S	20:46	279
2025	Mar	03	(Mon)	08:50	78	15:16	88S	21:47	286
2025	Mar	04	(Tue)	09:35	71	16:10	87N	22:49	292
2025	Mar	05	(Wed)	10:24	66	17:07	82N	23:52	296
2025	Mar	06	(Thu)	11:18	62	18:06	79N		
2025	Mar	07	(Fri)	12:15	60	19:06	78N	00:56	299
2025	Mar	08	(Sat)	13:15	60	20:05	78N	01:57	300
2025	Mar	09	(Sun)	14:15	62	21:01	81N	02:54	299
2025	Mar	10	(Mon)	15:13	66	21:53	84N	03:45	296
2025	Mar	11	(Tue)	16:08	71	22:41	89N	04:31	292
2025	Mar	12	(Wed)	16:59	76	23:25	87S	05:11	286
2025	Mar	13	(Thu)	17:48	82			05:47	281
2025	Mar	14	(Fri)	18:35	88	00:07	81S	06:21	275
2025	Mar	15	(Sat)	19:21	95	00:46	75S	06:54	269
2025	Mar	16	(Sun)	20:08	101	01:26	69S	07:27	262
2025	Mar	17	(Mon)	20:55	106	02:06	63S	08:00	257
2025	Mar	18	(Tue)	21:45	111	02:47	58S	08:36	251
2025	Mar	19	(Wed)	22:36	115	03:31	53S	09:15	247
2025	Mar	20	(Thu)	23:29	118	04:18	50S	09:57	243
2025	Mar	21	(Fri)			05:08	47S	10:45	241
2025	Mar	22	(Sat)	00:24	120	06:01	46S	11:37	240
2025	Mar	23	(Sun)	01:19	120	06:55	46S	12:33	241
2025	Mar	24	(Mon)	02:12	118	07:51	48S	13:32	243
2025	Mar	25	(Tue)	03:02	115	08:45	52S	14:31	247
2025	Mar	26	(Wed)	03:49	110	09:38	57S	15:31	253
2025	Mar	27	(Thu)	04:33	104	10:30	63S	16:30	260
2025	Mar	28	(Fri)	05:16	97	11:20	70S	17:28	267
2025	Mar	29	(Sat)	05:57	89	12:10	78S	18:28	275
2025	Mar	30	(Sun)	06:40	81	13:02	85S	19:29	282
2025	Mar	31	(Mon)	07:25	74	13:57	89N	20:32	289
2025	Apr	01	(Tue)	08:14	68	14:54	84N	21:38	295
2025	Apr	02	(Wed)	09:08	63	15:55	80N	22:45	298
2025	Apr	03	(Thu)	10:06	61	16:57	78N	23:49	300
2025	Apr	04	(Fri)	11:08	60	17:59	78N		
2025	Apr	05	(Sat)	12:09	62	18:57	80N	00:49	299
2025	Apr	06	(Sun)	13:08	65	19:51	83N	01:43	297
2025	Apr	07	(Mon)	14:04	69	20:39	88N	02:30	293

2025 Apr 08 (Tue)	14:56 74	21:24 89S	03:11 288
2025 Apr 09 (Wed)	15:45 80	22:06 83S	03:49 283
2025 Apr 10 (Thu)	16:32 86	22:46 77S	04:23 277
2025 Apr 11 (Fri)	17:18 93	23:25 71S	04:56 271
2025 Apr 12 (Sat)	18:05 99		05:28 264
2025 Apr 13 (Sun)	18:52 104	00:05 65S	06:01 259
2025 Apr 14 (Mon)	19:40 109	00:45 60S	06:36 253
2025 Apr 15 (Tue)	20:31 114	01:28 55S	07:14 248
2025 Apr 16 (Wed)	21:24 117	02:14 51S	07:55 244
2025 Apr 17 (Thu)	22:18 119	03:03 48S	08:41 242
2025 Apr 18 (Fri)	23:12 120	03:54 46S	09:31 240
2025 Apr 19 (Sat)		04:48 46S	10:25 240
2025 Apr 20 (Sun)	00:04 119	05:42 47S	11:21 242
2025 Apr 21 (Mon)	00:54 116	06:35 50S	12:19 245
2025 Apr 22 (Tue)	01:41 112	07:27 54S	13:16 250
2025 Apr 23 (Wed)	02:25 107	08:17 60S	14:14 256
2025 Apr 24 (Thu)	03:07 100	09:07 66S	15:11 263
2025 Apr 25 (Fri)	03:47 93	09:56 74S	16:08 271
2025 Apr 26 (Sat)	04:29 85	10:46 81S	17:08 278
2025 Apr 27 (Sun)	05:12 78	11:39 88S	18:10 286
2025 Apr 28 (Mon)	06:00 71	12:36 87N	19:16 292
2025 Apr 29 (Tue)	06:52 66	13:36 82N	20:24 297
2025 Apr 30 (Wed)	07:51 62	14:40 79N	21:32 299
2025 May 01 (Thu)	08:53 60	15:45 78N	22:37 300
2025 May 02 (Fri)	09:57 61	16:47 79N	23:35 298
2025 May 03 (Sat)	10:59 64	17:44 82N	
2025 May 04 (Sun)	11:57 68	18:36 86N	00:26 294
2025 May 05 (Mon)	12:52 73	19:22 90S	01:10 290
2025 May 06 (Tue)	13:42 78	20:05 85S	01:49 284
2025 May 07 (Wed)	14:30 84	20:46 79S	02:25 278
2025 May 08 (Thu)	15:16 91	21:25 73S	02:58 272
2025 May 09 (Fri)	16:02 97	22:04 67S	03:30 266
2025 May 10 (Sat)	16:49 102	22:44 61S	04:03 260
2025 May 11 (Sun)	17:37 108	23:27 56S	04:37 255
2025 May 12 (Mon)	18:27 112		05:14 250
2025 May 13 (Tue)	19:19 116	00:11 52S	05:54 246
2025 May 14 (Wed)	20:13 119	01:00 49S	06:38 243
2025 May 15 (Thu)	21:07 120	01:51 47S	07:27 241
2025 May 16 (Fri)	22:00 119	02:44 46S	08:20 240
2025 May 17 (Sat)	22:51 117	03:37 47S	09:16 242
2025 May 18 (Sun)	23:38 113	04:31 49S	10:12 244
2025 May 19 (Mon)		05:22 53S	11:09 249
2025 May 20 (Tue)	00:21 109	06:11 58S	12:05 254
2025 May 21 (Wed)	01:02 103	06:59 64S	13:00 261
2025 May 22 (Thu)	01:42 96	07:46 71S	13:55 268
2025 May 23 (Fri)	02:21 89	08:34 78S	14:51 275
2025 May 24 (Sat)	03:02 81	09:24 85S	15:50 282
2025 May 25 (Sun)	03:47 74	10:18 90N	16:53 289
2025 May 26 (Mon)	04:36 68	11:16 84N	18:00 294
2025 May 27 (Tue)	05:31 64	12:19 80N	19:09 298
2025 May 28 (Wed)	06:33 61	13:24 78N	20:16 300
2025 May 29 (Thu)	07:37 61	14:29 78N	21:19 299
2025 May 30 (Fri)	08:43 62	15:30 80N	22:15 296
2025 May 31 (Sat)	09:45 66	16:26 84N	23:04 292
2025 Jun 01 (Sun)	10:43 71	17:16 89N	23:46 286
2025 Jun 02 (Mon)	11:36 76	18:02 86S	
2025 Jun 03 (Tue)	12:25 83	18:43 81S	00:24 280
2025 Jun 04 (Wed)	13:13 89	19:23 75S	00:58 274
2025 Jun 05 (Thu)	13:59 95	20:03 69S	01:31 268
2025 Jun 06 (Fri)	14:45 101	20:43 63S	02:04 262
2025 Jun 07 (Sat)	15:32 106	21:24 58S	02:37 257
2025 Jun 08 (Sun)	16:22 111	22:08 53S	03:13 251
2025 Jun 09 (Mon)	17:13 115	22:55 50S	03:52 247
2025 Jun 10 (Tue)	18:07 118	23:46 47S	04:35 243
2025 Jun 11 (Wed)	19:02 119		05:23 241
2025 Jun 12 (Thu)	19:56 119	00:39 46S	06:15 240
2025 Jun 13 (Fri)	20:48 118	01:33 46S	07:11 241
2025 Jun 14 (Sat)	21:36 115	02:27 48S	08:08 244
2025 Jun 15 (Sun)	22:20 110	03:19 52S	09:05 247
2025 Jun 16 (Mon)	23:02 104	04:09 56S	10:00 253
2025 Jun 17 (Tue)	23:41 98	04:57 62S	10:55 259
2025 Jun 18 (Wed)		05:43 69S	11:49 265

2025 Jun 19 (Thu)	00:19 91	06:29 75S	12:43 273
2025 Jun 20 (Fri)	00:58 84	07:17 82S	13:39 280
2025 Jun 21 (Sat)	01:40 77	08:07 89S	14:38 286
2025 Jun 22 (Sun)	02:25 71	09:01 86N	15:41 292
2025 Jun 23 (Mon)	03:16 65	10:00 82N	16:47 297
2025 Jun 24 (Tue)	04:14 62	11:04 79N	17:55 299
2025 Jun 25 (Wed)	05:17 60	12:09 78N	19:01 299
2025 Jun 26 (Thu)	06:22 61	13:12 79N	20:00 297
2025 Jun 27 (Fri)	07:27 64	14:12 82N	20:53 294
2025 Jun 28 (Sat)	08:28 69	15:05 87N	21:39 289
2025 Jun 29 (Sun)	09:24 74	15:54 89S	22:19 283
2025 Jun 30 (Mon)	10:17 80	16:38 83S	22:56 277
2025 Jul 01 (Tue)	11:06 86	17:19 77S	23:30 270
2025 Jul 02 (Wed)	11:53 93	18:00 71S	
2025 Jul 03 (Thu)	12:40 99	18:39 65S	00:03 264
2025 Jul 04 (Fri)	13:27 104	19:20 60S	00:36 258
2025 Jul 05 (Sat)	14:15 109	20:04 55S	01:11 253
2025 Jul 06 (Sun)	15:06 114	20:50 51S	01:49 248
2025 Jul 07 (Mon)	15:59 117	21:39 48S	02:31 245
2025 Jul 08 (Tue)	16:54 119	22:31 46S	03:17 242
2025 Jul 09 (Wed)	17:49 120	23:26 46S	04:08 240
2025 Jul 10 (Thu)	18:42 118		05:03 241
2025 Jul 11 (Fri)	19:32 116	00:20 48S	06:00 243
2025 Jul 12 (Sat)	20:18 111	01:14 51S	06:58 246
2025 Jul 13 (Sun)	21:01 106	02:05 55S	07:55 251
2025 Jul 14 (Mon)	21:41 100	02:54 61S	08:51 257
2025 Jul 15 (Tue)	22:20 93	03:41 67S	09:45 264
2025 Jul 16 (Wed)	22:58 86	04:28 74S	10:39 271
2025 Jul 17 (Thu)	23:38 79	05:14 81S	11:34 278
2025 Jul 18 (Fri)		06:02 87S	12:31 284
2025 Jul 19 (Sat)	00:21 73	06:54 88N	13:31 291
2025 Jul 20 (Sun)	01:09 67	07:50 83N	14:34 295
2025 Jul 21 (Mon)	02:02 63	08:50 79N	15:40 299
2025 Jul 22 (Tue)	03:02 61	09:53 78N	16:45 300
2025 Jul 23 (Wed)	04:05 61	10:56 78N	17:46 299
2025 Jul 24 (Thu)	05:10 63	11:57 81N	18:41 295
2025 Jul 25 (Fri)	06:12 66	12:53 85N	19:30 291
2025 Jul 26 (Sat)	07:11 72	13:44 90N	20:13 285
2025 Jul 27 (Sun)	08:05 78	14:30 85S	20:51 279
2025 Jul 28 (Mon)	08:56 84	15:13 79S	21:27 273
2025 Jul 29 (Tue)	09:45 90	15:54 73S	22:00 267
2025 Jul 30 (Wed)	10:32 96	16:35 67S	22:34 261
2025 Jul 31 (Thu)	11:20 102	17:16 61S	23:09 255
2025 Aug 01 (Fri)	12:08 108	17:58 56S	23:45 250
2025 Aug 02 (Sat)	12:58 112	18:43 52S	
2025 Aug 03 (Sun)	13:50 116	19:31 49S	00:25 246
2025 Aug 04 (Mon)	14:44 119	20:22 47S	01:09 243
2025 Aug 05 (Tue)	15:39 120	21:15 46S	01:58 241
2025 Aug 06 (Wed)	16:33 119	22:10 47S	02:52 240
2025 Aug 07 (Thu)	17:24 117	23:05 49S	03:49 242
2025 Aug 08 (Fri)	18:13 113	23:58 53S	04:47 244
2025 Aug 09 (Sat)	18:57 108		05:45 249
2025 Aug 10 (Sun)	19:39 102	00:48 58S	06:42 255
2025 Aug 11 (Mon)	20:19 95	01:37 65S	07:38 261
2025 Aug 12 (Tue)	20:58 88	02:24 71S	08:34 268
2025 Aug 13 (Wed)	21:38 81	03:12 78S	09:29 276
2025 Aug 14 (Thu)	22:20 74	04:00 85S	10:26 283
2025 Aug 15 (Fri)	23:06 68	04:51 90N	11:25 289
2025 Aug 16 (Sat)	23:57 64	05:45 84N	12:27 294
2025 Aug 17 (Sun)		06:43 80N	13:31 298
2025 Aug 18 (Mon)	00:54 61	07:44 78N	14:36 300
2025 Aug 19 (Tue)	01:55 60	08:46 78N	15:37 299
2025 Aug 20 (Wed)	02:58 62	09:47 80N	16:33 297
2025 Aug 21 (Thu)	04:00 65	10:43 83N	17:23 293
2025 Aug 22 (Fri)	04:59 69	11:35 88N	18:08 288
2025 Aug 23 (Sat)	05:55 75	12:23 88S	18:47 282
2025 Aug 24 (Sun)	06:47 81	13:07 82S	19:24 276
2025 Aug 25 (Mon)	07:36 88	13:49 76S	19:58 269
2025 Aug 26 (Tue)	08:24 94	14:30 69S	20:32 263
2025 Aug 27 (Wed)	09:12 100	15:11 64S	21:06 257
2025 Aug 28 (Thu)	10:00 106	15:52 58S	21:42 252
2025 Aug 29 (Fri)	10:50 111	16:36 54S	22:20 247

2025 Aug 30 (Sat)	11:41 115	17:23 50S	23:03 244
2025 Aug 31 (Sun)	12:34 118	18:12 47S	23:49 241
2025 Sep 01 (Mon)	13:27 120	19:04 46S	
2025 Sep 02 (Tue)	14:21 120	19:58 46S	00:40 240
2025 Sep 03 (Wed)	15:13 118	20:52 48S	01:35 241
2025 Sep 04 (Thu)	16:03 115	21:45 51S	02:32 243
2025 Sep 05 (Fri)	16:49 111	22:37 56S	03:30 247
2025 Sep 06 (Sat)	17:33 105	23:27 62S	04:28 252
2025 Sep 07 (Sun)	18:14 98		05:25 258
2025 Sep 08 (Mon)	18:54 91	00:16 68S	06:22 265
2025 Sep 09 (Tue)	19:34 84	01:04 76S	07:19 273
2025 Sep 10 (Wed)	20:17 77	01:53 83S	08:17 280
2025 Sep 11 (Thu)	21:03 70	02:45 90S	09:17 287
2025 Sep 12 (Fri)	21:53 65	03:39 86N	10:20 293
2025 Sep 13 (Sat)	22:49 62	04:37 81N	11:24 297
2025 Sep 14 (Sun)	23:49 60	05:38 78N	12:29 299
2025 Sep 15 (Mon)		06:40 78N	13:32 300
2025 Sep 16 (Tue)	00:51 61	07:41 79N	14:29 298
2025 Sep 17 (Wed)	01:53 63	08:38 82N	15:20 294
2025 Sep 18 (Thu)	02:52 68	09:31 86N	16:05 290
2025 Sep 19 (Fri)	03:48 73	10:19 90S	16:46 284
2025 Sep 20 (Sat)	04:40 79	11:03 84S	17:23 278
2025 Sep 21 (Sun)	05:30 85	11:45 78S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:26 72S	18:31 265
2025 Sep 23 (Tue)	07:06 98	13:07 66S	19:05 259
2025 Sep 24 (Wed)	07:54 104	13:48 60S	19:40 254
2025 Sep 25 (Thu)	08:43 109	14:31 55S	20:18 249
2025 Sep 26 (Fri)	09:33 113	15:17 51S	20:58 245
2025 Sep 27 (Sat)	10:25 117	16:05 48S	21:43 242
2025 Sep 28 (Sun)	11:18 119	16:55 46S	22:31 240
2025 Sep 29 (Mon)	12:11 120	17:48 46S	23:24 240
2025 Sep 30 (Tue)	13:03 119	18:41 47S	
2025 Oct 01 (Wed)	13:53 117	19:33 49S	00:19 242
2025 Oct 02 (Thu)	14:40 113	20:25 53S	01:16 245
2025 Oct 03 (Fri)	15:23 108	21:15 59S	02:12 249
2025 Oct 04 (Sat)	16:05 102	22:03 65S	03:09 255
2025 Oct 05 (Sun)	16:45 95	22:52 72S	04:05 262
2025 Oct 06 (Mon)	17:26 87	23:41 79S	05:02 269
2025 Oct 07 (Tue)	18:08 80		06:00 277
2025 Oct 08 (Wed)	18:54 73	00:32 87S	07:01 284
2025 Oct 09 (Thu)	19:44 67	01:27 88N	08:04 290
2025 Oct 10 (Fri)	20:40 63	02:26 83N	09:11 295
2025 Oct 11 (Sat)	21:40 61	03:28 79N	10:18 299
2025 Oct 12 (Sun)	22:44 61	04:32 78N	11:24 300
2025 Oct 13 (Mon)	23:47 63	05:35 78N	12:24 299
2025 Oct 14 (Tue)		06:34 81N	13:18 296
2025 Oct 15 (Wed)	00:47 66	07:28 85N	14:05 291
2025 Oct 16 (Thu)	01:44 71	08:17 90N	14:46 286
2025 Oct 17 (Fri)	02:37 77	09:02 86S	15:24 280
2025 Oct 18 (Sat)	03:27 83	09:44 80S	15:58 274
2025 Oct 19 (Sun)	04:15 89	10:25 74S	16:32 268
2025 Oct 20 (Mon)	05:02 96	11:05 68S	17:05 261
2025 Oct 21 (Tue)	05:49 102	11:46 62S	17:40 256
2025 Oct 22 (Wed)	06:37 107	12:28 57S	18:17 251
2025 Oct 23 (Thu)	07:27 112	13:13 53S	18:56 246
2025 Oct 24 (Fri)	08:19 116	14:00 49S	19:39 243
2025 Oct 25 (Sat)	09:12 118	14:49 47S	20:26 241
2025 Oct 26 (Sun)	10:05 120	15:41 46S	21:17 240
2025 Oct 27 (Mon)	10:56 119	16:33 46S	22:10 241
2025 Oct 28 (Tue)	11:46 118	17:25 48S	23:05 244
2025 Oct 29 (Wed)	12:33 115	18:15 52S	
2025 Oct 30 (Thu)	13:16 110	19:04 56S	00:00 247
2025 Oct 31 (Fri)	13:57 105	19:52 62S	00:55 252
2025 Nov 01 (Sat)	14:37 98	20:39 68S	01:50 258
2025 Nov 02 (Sun)	15:16 91	21:26 75S	02:45 265
2025 Nov 03 (Mon)	15:57 84	22:16 83S	03:41 273
2025 Nov 04 (Tue)	16:41 77	23:09 90S	04:40 280
2025 Nov 05 (Wed)	17:29 70		05:42 287
2025 Nov 06 (Thu)	18:23 65	00:07 86N	06:48 293
2025 Nov 07 (Fri)	19:24 61	01:09 81N	07:58 297
2025 Nov 08 (Sat)	20:29 60	02:15 78N	09:07 299
2025 Nov 09 (Sun)	21:35 62	03:21 78N	10:12 299

2025 Nov 10 (Mon)	22:38 65	04:24 80N	11:10 297
2025 Nov 11 (Tue)	23:38 70	05:22 83N	12:01 293
2025 Nov 12 (Wed)		06:14 88N	12:45 287
2025 Nov 13 (Thu)	00:33 75	07:01 88S	13:24 282
2025 Nov 14 (Fri)	01:24 81	07:44 82S	14:00 276
2025 Nov 15 (Sat)	02:12 88	08:25 76S	14:34 269
2025 Nov 16 (Sun)	03:00 94	09:05 70S	15:07 263
2025 Nov 17 (Mon)	03:46 100	09:45 64S	15:41 258
2025 Nov 18 (Tue)	04:34 105	10:27 59S	16:17 252
2025 Nov 19 (Wed)	05:23 110	11:10 54S	16:55 248
2025 Nov 20 (Thu)	06:14 114	11:57 50S	17:37 244
2025 Nov 21 (Fri)	07:07 117	12:46 48S	18:23 242
2025 Nov 22 (Sat)	08:00 119	13:37 46S	19:13 241
2025 Nov 23 (Sun)	08:52 119	14:29 46S	20:06 241
2025 Nov 24 (Mon)	09:42 118	15:20 48S	21:00 243
2025 Nov 25 (Tue)	10:29 116	16:11 51S	21:54 246
2025 Nov 26 (Wed)	11:13 112	16:59 55S	22:48 251
2025 Nov 27 (Thu)	11:54 107	17:46 60S	23:41 256
2025 Nov 28 (Fri)	12:32 101	18:31 66S	
2025 Nov 29 (Sat)	13:10 94	19:17 72S	00:34 262
2025 Nov 30 (Sun)	13:49 87	20:03 79S	01:27 269
2025 Dec 01 (Mon)	14:29 80	20:53 86S	02:22 276
2025 Dec 02 (Tue)	15:14 73	21:46 89N	03:20 284
2025 Dec 03 (Wed)	16:04 67	22:46 83N	04:23 290
2025 Dec 04 (Thu)	17:01 63	23:50 80N	05:31 295
2025 Dec 05 (Fri)	18:05 61		06:41 298
2025 Dec 06 (Sat)	19:13 61	00:57 78N	07:50 299
2025 Dec 07 (Sun)	20:20 63	02:04 79N	08:54 298
2025 Dec 08 (Mon)	21:24 68	03:07 82N	09:50 294
2025 Dec 09 (Tue)	22:23 73	04:04 86N	10:39 290
2025 Dec 10 (Wed)	23:17 79	04:54 90S	11:21 284
2025 Dec 11 (Thu)		05:40 84S	11:59 278
2025 Dec 12 (Fri)	00:08 86	06:23 78S	12:34 271
2025 Dec 13 (Sat)	00:56 92	07:04 71S	13:08 265
2025 Dec 14 (Sun)	01:43 98	07:44 66S	13:42 259
2025 Dec 15 (Mon)	02:31 104	08:25 60S	14:17 254
2025 Dec 16 (Tue)	03:19 109	09:08 55S	14:54 249
2025 Dec 17 (Wed)	04:10 113	09:53 51S	15:35 245
2025 Dec 18 (Thu)	05:02 117	10:42 48S	16:20 242
2025 Dec 19 (Fri)	05:55 119	11:32 47S	17:09 241
2025 Dec 20 (Sat)	06:48 119	12:24 46S	18:01 241
2025 Dec 21 (Sun)	07:39 119	13:17 47S	18:55 242
2025 Dec 22 (Mon)	08:27 116	14:08 50S	19:50 245
2025 Dec 23 (Tue)	09:12 113	14:57 54S	20:44 249
2025 Dec 24 (Wed)	09:53 108	15:44 58S	21:37 255
2025 Dec 25 (Thu)	10:32 102	16:29 64S	22:29 261
2025 Dec 26 (Fri)	11:09 96	17:13 70S	23:21 267
2025 Dec 27 (Sat)	11:46 89	17:58 77S	
2025 Dec 28 (Sun)	12:25 83	18:44 84S	00:13 274
2025 Dec 29 (Mon)	13:06 76	19:34 90S	01:08 281
2025 Dec 30 (Tue)	13:51 70	20:28 86N	02:06 287
2025 Dec 31 (Wed)	14:43 65	21:28 81N	03:09 293