

Sun

Samut Sakhon

Location: E100°16'48.0", N13°33'07.1", 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)	05:52	06:42	113	12:22	54S	18:03	247	18:52
2025	Jan	02 (Thu)	05:53	06:42	113	12:23	54S	18:03	247	18:53
2025	Jan	03 (Fri)	05:53	06:43	113	12:23	54S	18:04	247	18:54
2025	Jan	04 (Sat)	05:54	06:43	113	12:24	54S	18:05	247	18:54
2025	Jan	05 (Sun)	05:54	06:43	113	12:24	55S	18:05	247	18:55
2025	Jan	06 (Mon)	05:54	06:44	113	12:25	55S	18:06	247	18:55
2025	Jan	07 (Tue)	05:55	06:44	113	12:25	55S	18:06	247	18:56
2025	Jan	08 (Wed)	05:55	06:44	113	12:26	55S	18:07	247	18:56
2025	Jan	09 (Thu)	05:55	06:45	113	12:26	55S	18:07	248	18:57
2025	Jan	10 (Fri)	05:56	06:45	112	12:26	55S	18:08	248	18:57
2025	Jan	11 (Sat)	05:56	06:45	112	12:27	55S	18:09	248	18:58
2025	Jan	12 (Sun)	05:56	06:45	112	12:27	56S	18:09	248	18:58
2025	Jan	13 (Mon)	05:56	06:46	112	12:28	56S	18:10	248	18:59
2025	Jan	14 (Tue)	05:57	06:46	112	12:28	56S	18:10	248	18:59
2025	Jan	15 (Wed)	05:57	06:46	112	12:28	56S	18:11	249	19:00
2025	Jan	16 (Thu)	05:57	06:46	111	12:29	56S	18:11	249	19:00
2025	Jan	17 (Fri)	05:57	06:46	111	12:29	56S	18:12	249	19:01
2025	Jan	18 (Sat)	05:57	06:46	111	12:29	57S	18:12	249	19:01
2025	Jan	19 (Sun)	05:58	06:46	111	12:30	57S	18:13	249	19:02
2025	Jan	20 (Mon)	05:58	06:46	111	12:30	57S	18:13	250	19:02
2025	Jan	21 (Tue)	05:58	06:46	110	12:30	57S	18:14	250	19:03
2025	Jan	22 (Wed)	05:58	06:46	110	12:30	58S	18:14	250	19:03
2025	Jan	23 (Thu)	05:58	06:47	110	12:31	58S	18:15	250	19:03
2025	Jan	24 (Fri)	05:58	06:47	110	12:31	58S	18:15	251	19:04
2025	Jan	25 (Sat)	05:58	06:46	109	12:31	58S	18:16	251	19:04
2025	Jan	26 (Sun)	05:58	06:46	109	12:31	59S	18:16	251	19:05
2025	Jan	27 (Mon)	05:58	06:46	109	12:32	59S	18:17	251	19:05
2025	Jan	28 (Tue)	05:58	06:46	109	12:32	59S	18:17	252	19:06
2025	Jan	29 (Wed)	05:58	06:46	108	12:32	59S	18:18	252	19:06
2025	Jan	30 (Thu)	05:58	06:46	108	12:32	60S	18:18	252	19:06
2025	Jan	31 (Fri)	05:58	06:46	108	12:32	60S	18:19	252	19:07
2025	Feb	01 (Sat)	05:58	06:46	107	12:32	60S	18:19	253	19:07
2025	Feb	02 (Sun)	05:58	06:46	107	12:33	60S	18:20	253	19:07
2025	Feb	03 (Mon)	05:58	06:45	107	12:33	61S	18:20	253	19:08
2025	Feb	04 (Tue)	05:58	06:45	106	12:33	61S	18:20	254	19:08
2025	Feb	05 (Wed)	05:57	06:45	106	12:33	61S	18:21	254	19:08
2025	Feb	06 (Thu)	05:57	06:45	106	12:33	62S	18:21	254	19:09
2025	Feb	07 (Fri)	05:57	06:45	106	12:33	62S	18:22	255	19:09
2025	Feb	08 (Sat)	05:57	06:44	105	12:33	62S	18:22	255	19:09
2025	Feb	09 (Sun)	05:57	06:44	105	12:33	63S	18:22	255	19:10
2025	Feb	10 (Mon)	05:56	06:44	105	12:33	63S	18:23	256	19:10
2025	Feb	11 (Tue)	05:56	06:43	104	12:33	63S	18:23	256	19:10
2025	Feb	12 (Wed)	05:56	06:43	104	12:33	64S	18:23	256	19:10
2025	Feb	13 (Thu)	05:56	06:43	104	12:33	64S	18:24	257	19:11
2025	Feb	14 (Fri)	05:55	06:42	103	12:33	64S	18:24	257	19:11
2025	Feb	15 (Sat)	05:55	06:42	103	12:33	65S	18:24	257	19:11
2025	Feb	16 (Sun)	05:55	06:41	102	12:33	65S	18:24	258	19:11
2025	Feb	17 (Mon)	05:54	06:41	102	12:33	65S	18:25	258	19:12
2025	Feb	18 (Tue)	05:54	06:41	102	12:33	66S	18:25	258	19:12
2025	Feb	19 (Wed)	05:54	06:40	101	12:33	66S	18:25	259	19:12
2025	Feb	20 (Thu)	05:53	06:40	101	12:33	66S	18:26	259	19:12
2025	Feb	21 (Fri)	05:53	06:39	101	12:32	67S	18:26	260	19:12
2025	Feb	22 (Sat)	05:52	06:39	100	12:32	67S	18:26	260	19:13
2025	Feb	23 (Sun)	05:52	06:38	100	12:32	67S	18:26	260	19:13
2025	Feb	24 (Mon)	05:51	06:38	100	12:32	68S	18:26	261	19:13
2025	Feb	25 (Tue)	05:51	06:37	99	12:32	68S	18:27	261	19:13
2025	Feb	26 (Wed)	05:50	06:37	99	12:32	69S	18:27	261	19:13
2025	Feb	27 (Thu)	05:50	06:36	98	12:32	69S	18:27	262	19:13
2025	Feb	28 (Fri)	05:49	06:36	98	12:31	69S	18:27	262	19:13
2025	Mar	01 (Sat)	05:49	06:35	98	12:31	70S	18:27	263	19:14

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

2025	May	13	(Tue)	05:04	05:53	71	12:15	86N	18:37	289	19:27
2025	May	14	(Wed)	05:04	05:53	71	12:15	86N	18:38	290	19:27
2025	May	15	(Thu)	05:03	05:53	70	12:15	85N	18:38	290	19:27
2025	May	16	(Fri)	05:03	05:52	70	12:15	85N	18:38	290	19:28
2025	May	17	(Sat)	05:03	05:52	70	12:15	85N	18:38	290	19:28
2025	May	18	(Sun)	05:02	05:52	70	12:15	85N	18:39	290	19:28
2025	May	19	(Mon)	05:02	05:52	69	12:15	84N	18:39	291	19:29
2025	May	20	(Tue)	05:02	05:52	69	12:15	84N	18:39	291	19:29
2025	May	21	(Wed)	05:02	05:51	69	12:15	84N	18:40	291	19:29
2025	May	22	(Thu)	05:01	05:51	69	12:16	84N	18:40	291	19:30
2025	May	23	(Fri)	05:01	05:51	69	12:16	84N	18:40	292	19:30
2025	May	24	(Sat)	05:01	05:51	68	12:16	83N	18:40	292	19:31
2025	May	25	(Sun)	05:01	05:51	68	12:16	83N	18:41	292	19:31
2025	May	26	(Mon)	05:01	05:51	68	12:16	83N	18:41	292	19:31
2025	May	27	(Tue)	05:01	05:51	68	12:16	83N	18:41	292	19:32
2025	May	28	(Wed)	05:00	05:51	68	12:16	83N	18:42	292	19:32
2025	May	29	(Thu)	05:00	05:51	68	12:16	83N	18:42	293	19:32
2025	May	30	(Fri)	05:00	05:51	67	12:16	82N	18:42	293	19:33
2025	May	31	(Sat)	05:00	05:51	67	12:17	82N	18:43	293	19:33
2025	Jun	01	(Sun)	05:00	05:51	67	12:17	82N	18:43	293	19:34
2025	Jun	02	(Mon)	05:00	05:51	67	12:17	82N	18:43	293	19:34
2025	Jun	03	(Tue)	05:00	05:51	67	12:17	82N	18:44	293	19:34
2025	Jun	04	(Wed)	05:00	05:51	67	12:17	82N	18:44	293	19:35
2025	Jun	05	(Thu)	05:00	05:51	67	12:17	82N	18:44	294	19:35
2025	Jun	06	(Fri)	05:00	05:51	66	12:18	82N	18:44	294	19:35
2025	Jun	07	(Sat)	05:00	05:51	66	12:18	81N	18:45	294	19:36
2025	Jun	08	(Sun)	05:00	05:51	66	12:18	81N	18:45	294	19:36
2025	Jun	09	(Mon)	05:00	05:51	66	12:18	81N	18:45	294	19:36
2025	Jun	10	(Tue)	05:00	05:51	66	12:18	81N	18:46	294	19:37
2025	Jun	11	(Wed)	05:00	05:51	66	12:19	81N	18:46	294	19:37
2025	Jun	12	(Thu)	05:00	05:51	66	12:19	81N	18:46	294	19:37
2025	Jun	13	(Fri)	05:00	05:51	66	12:19	81N	18:47	294	19:38
2025	Jun	14	(Sat)	05:00	05:52	66	12:19	81N	18:47	294	19:38
2025	Jun	15	(Sun)	05:01	05:52	66	12:19	81N	18:47	294	19:38
2025	Jun	16	(Mon)	05:01	05:52	66	12:20	81N	18:47	294	19:38
2025	Jun	17	(Tue)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2025	Jun	18	(Wed)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2025	Jun	19	(Thu)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2025	Jun	20	(Fri)	05:01	05:53	66	12:20	81N	18:48	294	19:39
2025	Jun	21	(Sat)	05:02	05:53	66	12:21	81N	18:48	294	19:40
2025	Jun	22	(Sun)	05:02	05:53	66	12:21	81N	18:49	294	19:40
2025	Jun	23	(Mon)	05:02	05:53	66	12:21	81N	18:49	294	19:40
2025	Jun	24	(Tue)	05:02	05:54	66	12:21	81N	18:49	294	19:40
2025	Jun	25	(Wed)	05:03	05:54	66	12:22	81N	18:49	294	19:40
2025	Jun	26	(Thu)	05:03	05:54	66	12:22	81N	18:49	294	19:41
2025	Jun	27	(Fri)	05:03	05:54	66	12:22	81N	18:50	294	19:41
2025	Jun	28	(Sat)	05:03	05:55	66	12:22	81N	18:50	294	19:41
2025	Jun	29	(Sun)	05:04	05:55	66	12:22	81N	18:50	294	19:41
2025	Jun	30	(Mon)	05:04	05:55	66	12:23	81N	18:50	294	19:41
2025	Jul	01	(Tue)	05:04	05:55	66	12:23	81N	18:50	294	19:41
2025	Jul	02	(Wed)	05:05	05:56	66	12:23	81N	18:50	294	19:41
2025	Jul	03	(Thu)	05:05	05:56	66	12:23	81N	18:50	294	19:41
2025	Jul	04	(Fri)	05:05	05:56	66	12:23	81N	18:50	294	19:41
2025	Jul	05	(Sat)	05:06	05:57	66	12:24	82N	18:50	294	19:41
2025	Jul	06	(Sun)	05:06	05:57	66	12:24	82N	18:51	294	19:41
2025	Jul	07	(Mon)	05:06	05:57	67	12:24	82N	18:51	293	19:41
2025	Jul	08	(Tue)	05:07	05:57	67	12:24	82N	18:51	293	19:41
2025	Jul	09	(Wed)	05:07	05:58	67	12:24	82N	18:51	293	19:41
2025	Jul	10	(Thu)	05:07	05:58	67	12:24	82N	18:51	293	19:41
2025	Jul	11	(Fri)	05:08	05:58	67	12:24	82N	18:51	293	19:41
2025	Jul	12	(Sat)	05:08	05:59	67	12:25	82N	18:51	293	19:41
2025	Jul	13	(Sun)	05:08	05:59	67	12:25	82N	18:50	293	19:41
2025	Jul	14	(Mon)	05:09	05:59	67	12:25	83N	18:50	292	19:41
2025	Jul	15	(Tue)	05:09	05:59	68	12:25	83N	18:50	292	19:41
2025	Jul	16	(Wed)	05:09	06:00	68	12:25	83N	18:50	292	19:40
2025	Jul	17	(Thu)	05:10	06:00	68	12:25	83N	18:50	292	19:40
2025	Jul	18	(Fri)	05:10	06:00	68	12:25	83N	18:50	292	19:40
2025	Jul	19	(Sat)	05:10	06:00	68	12:25	83N	18:50	292	19:40
2025	Jul	20	(Sun)	05:11	06:01	69	12:25	84N	18:50	291	19:40
2025	Jul	21	(Mon)	05:11	06:01	69	12:25	84N	18:50	291	19:39
2025	Jul	22	(Tue)	05:11	06:01	69	12:25	84N	18:49	291	19:39
2025	Jul	23	(Wed)	05:12	06:02	69	12:25	84N	18:49	291	19:39

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

2025	Oct	04	(Sat)	05:22	06:08	94	12:08	73S	18:07	266	18:53
2025	Oct	05	(Sun)	05:23	06:09	95	12:07	72S	18:06	265	18:52
2025	Oct	06	(Mon)	05:23	06:09	95	12:07	72S	18:05	265	18:51
2025	Oct	07	(Tue)	05:23	06:09	95	12:07	72S	18:05	264	18:51
2025	Oct	08	(Wed)	05:23	06:09	96	12:06	71S	18:04	264	18:50
2025	Oct	09	(Thu)	05:23	06:09	96	12:06	71S	18:03	264	18:49
2025	Oct	10	(Fri)	05:23	06:09	97	12:06	70S	18:03	263	18:49
2025	Oct	11	(Sat)	05:23	06:09	97	12:06	70S	18:02	263	18:48
2025	Oct	12	(Sun)	05:23	06:09	97	12:05	70S	18:01	262	18:48
2025	Oct	13	(Mon)	05:23	06:09	98	12:05	69S	18:01	262	18:47
2025	Oct	14	(Tue)	05:23	06:09	98	12:05	69S	18:00	262	18:46
2025	Oct	15	(Wed)	05:23	06:10	99	12:05	69S	18:00	261	18:46
2025	Oct	16	(Thu)	05:23	06:10	99	12:04	68S	17:59	261	18:45
2025	Oct	17	(Fri)	05:23	06:10	99	12:04	68S	17:58	260	18:45
2025	Oct	18	(Sat)	05:24	06:10	100	12:04	67S	17:58	260	18:44
2025	Oct	19	(Sun)	05:24	06:10	100	12:04	67S	17:57	260	18:44
2025	Oct	20	(Mon)	05:24	06:10	100	12:04	67S	17:57	259	18:43
2025	Oct	21	(Tue)	05:24	06:11	101	12:04	66S	17:56	259	18:43
2025	Oct	22	(Wed)	05:24	06:11	101	12:03	66S	17:56	259	18:43
2025	Oct	23	(Thu)	05:24	06:11	102	12:03	66S	17:55	258	18:42
2025	Oct	24	(Fri)	05:24	06:11	102	12:03	65S	17:55	258	18:42
2025	Oct	25	(Sat)	05:25	06:11	102	12:03	65S	17:54	258	18:41
2025	Oct	26	(Sun)	05:25	06:12	103	12:03	65S	17:54	257	18:41
2025	Oct	27	(Mon)	05:25	06:12	103	12:03	64S	17:54	257	18:40
2025	Oct	28	(Tue)	05:25	06:12	103	12:03	64S	17:53	257	18:40
2025	Oct	29	(Wed)	05:25	06:12	104	12:03	64S	17:53	256	18:40
2025	Oct	30	(Thu)	05:25	06:13	104	12:03	63S	17:52	256	18:39
2025	Oct	31	(Fri)	05:26	06:13	104	12:03	63S	17:52	256	18:39
2025	Nov	01	(Sat)	05:26	06:13	105	12:02	63S	17:52	255	18:39
2025	Nov	02	(Sun)	05:26	06:13	105	12:02	62S	17:51	255	18:39
2025	Nov	03	(Mon)	05:26	06:14	105	12:02	62S	17:51	255	18:38
2025	Nov	04	(Tue)	05:27	06:14	106	12:02	62S	17:51	254	18:38
2025	Nov	05	(Wed)	05:27	06:14	106	12:02	61S	17:50	254	18:38
2025	Nov	06	(Thu)	05:27	06:15	106	12:03	61S	17:50	254	18:38
2025	Nov	07	(Fri)	05:27	06:15	107	12:03	61S	17:50	253	18:38
2025	Nov	08	(Sat)	05:28	06:15	107	12:03	61S	17:50	253	18:37
2025	Nov	09	(Sun)	05:28	06:16	107	12:03	60S	17:49	253	18:37
2025	Nov	10	(Mon)	05:28	06:16	107	12:03	60S	17:49	252	18:37
2025	Nov	11	(Tue)	05:29	06:17	108	12:03	60S	17:49	252	18:37
2025	Nov	12	(Wed)	05:29	06:17	108	12:03	59S	17:49	252	18:37
2025	Nov	13	(Thu)	05:29	06:17	108	12:03	59S	17:49	252	18:37
2025	Nov	14	(Fri)	05:30	06:18	109	12:03	59S	17:49	251	18:37
2025	Nov	15	(Sat)	05:30	06:18	109	12:03	59S	17:49	251	18:37
2025	Nov	16	(Sun)	05:30	06:19	109	12:04	58S	17:48	251	18:37
2025	Nov	17	(Mon)	05:31	06:19	109	12:04	58S	17:48	251	18:37
2025	Nov	18	(Tue)	05:31	06:20	110	12:04	58S	17:48	250	18:37
2025	Nov	19	(Wed)	05:32	06:20	110	12:04	58S	17:48	250	18:37
2025	Nov	20	(Thu)	05:32	06:21	110	12:04	57S	17:48	250	18:37
2025	Nov	21	(Fri)	05:32	06:21	110	12:05	57S	17:48	250	18:37
2025	Nov	22	(Sat)	05:33	06:22	111	12:05	57S	17:48	249	18:37
2025	Nov	23	(Sun)	05:33	06:22	111	12:05	57S	17:48	249	18:37
2025	Nov	24	(Mon)	05:34	06:23	111	12:06	57S	17:48	249	18:37
2025	Nov	25	(Tue)	05:34	06:23	111	12:06	56S	17:49	249	18:37
2025	Nov	26	(Wed)	05:35	06:24	111	12:06	56S	17:49	249	18:38
2025	Nov	27	(Thu)	05:35	06:24	112	12:06	56S	17:49	248	18:38
2025	Nov	28	(Fri)	05:36	06:25	112	12:07	56S	17:49	248	18:38
2025	Nov	29	(Sat)	05:36	06:25	112	12:07	56S	17:49	248	18:38
2025	Nov	30	(Sun)	05:37	06:26	112	12:08	55S	17:49	248	18:38
2025	Dec	01	(Mon)	05:37	06:26	112	12:08	55S	17:49	248	18:39
2025	Dec	02	(Tue)	05:38	06:27	112	12:08	55S	17:50	248	18:39
2025	Dec	03	(Wed)	05:38	06:27	113	12:09	55S	17:50	247	18:39
2025	Dec	04	(Thu)	05:39	06:28	113	12:09	55S	17:50	247	18:40
2025	Dec	05	(Fri)	05:39	06:28	113	12:09	55S	17:50	247	18:40
2025	Dec	06	(Sat)	05:40	06:29	113	12:10	55S	17:51	247	18:40
2025	Dec	07	(Sun)	05:40	06:30	113	12:10	55S	17:51	247	18:41
2025	Dec	08	(Mon)	05:41	06:30	113	12:11	54S	17:51	247	18:41
2025	Dec	09	(Tue)	05:41	06:31	113	12:11	54S	17:52	247	18:41
2025	Dec	10	(Wed)	05:42	06:31	113	12:12	54S	17:52	247	18:42
2025	Dec	11	(Thu)	05:42	06:32	113	12:12	54S	17:52	246	18:42
2025	Dec	12	(Fri)	05:43	06:32	114	12:13	54S	17:53	246	18:42
2025	Dec	13	(Sat)	05:43	06:33	114	12:13	54S	17:53	246	18:43
2025	Dec	14	(Sun)	05:44	06:33	114	12:13	54S	17:54	246	18:43

2025	Dec 15	(Mon)	05:44	06:34	114	12:14	54S	17:54	246	18:44
2025	Dec 16	(Tue)	05:45	06:34	114	12:14	54S	17:54	246	18:44
2025	Dec 17	(Wed)	05:45	06:35	114	12:15	54S	17:55	246	18:45
2025	Dec 18	(Thu)	05:46	06:36	114	12:15	54S	17:55	246	18:45
2025	Dec 19	(Fri)	05:46	06:36	114	12:16	54S	17:56	246	18:46
2025	Dec 20	(Sat)	05:47	06:37	114	12:16	54S	17:56	246	18:46
2025	Dec 21	(Sun)	05:47	06:37	114	12:17	54S	17:57	246	18:47
2025	Dec 22	(Mon)	05:48	06:38	114	12:17	54S	17:57	246	18:47
2025	Dec 23	(Tue)	05:48	06:38	114	12:18	54S	17:58	246	18:48
2025	Dec 24	(Wed)	05:49	06:39	114	12:18	54S	17:58	246	18:48
2025	Dec 25	(Thu)	05:49	06:39	114	12:19	54S	17:59	246	18:49
2025	Dec 26	(Fri)	05:50	06:39	114	12:19	54S	17:59	246	18:49
2025	Dec 27	(Sat)	05:50	06:40	114	12:20	54S	18:00	246	18:50
2025	Dec 28	(Sun)	05:51	06:40	114	12:20	54S	18:00	246	18:50
2025	Dec 29	(Mon)	05:51	06:41	114	12:21	54S	18:01	246	18:51
2025	Dec 30	(Tue)	05:51	06:41	114	12:21	54S	18:02	246	18:51
2025	Dec 31	(Wed)	05:52	06:42	114	12:22	54S	18:02	246	18:52

Sun

Samut Sakhon

Location: E100°16'48.0", N13°33'07.1", 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
2025	Jan 01	(Wed)	06:19	06:42	113	12:22	54S	18:03	247	18:26
2025	Jan 02	(Thu)	06:19	06:42	113	12:23	54S	18:03	247	18:26
2025	Jan 03	(Fri)	06:20	06:43	113	12:23	54S	18:04	247	18:27
2025	Jan 04	(Sat)	06:20	06:43	113	12:24	54S	18:05	247	18:28
2025	Jan 05	(Sun)	06:20	06:43	113	12:24	55S	18:05	247	18:28
2025	Jan 06	(Mon)	06:21	06:44	113	12:25	55S	18:06	247	18:29
2025	Jan 07	(Tue)	06:21	06:44	113	12:25	55S	18:06	247	18:29
2025	Jan 08	(Wed)	06:21	06:44	113	12:26	55S	18:07	247	18:30
2025	Jan 09	(Thu)	06:22	06:45	113	12:26	55S	18:07	248	18:30
2025	Jan 10	(Fri)	06:22	06:45	112	12:26	55S	18:08	248	18:31
2025	Jan 11	(Sat)	06:22	06:45	112	12:27	55S	18:09	248	18:31
2025	Jan 12	(Sun)	06:22	06:45	112	12:27	56S	18:09	248	18:32
2025	Jan 13	(Mon)	06:23	06:46	112	12:28	56S	18:10	248	18:32
2025	Jan 14	(Tue)	06:23	06:46	112	12:28	56S	18:10	248	18:33
2025	Jan 15	(Wed)	06:23	06:46	112	12:28	56S	18:11	249	18:34
2025	Jan 16	(Thu)	06:23	06:46	111	12:29	56S	18:11	249	18:34
2025	Jan 17	(Fri)	06:23	06:46	111	12:29	56S	18:12	249	18:35
2025	Jan 18	(Sat)	06:24	06:46	111	12:29	57S	18:12	249	18:35
2025	Jan 19	(Sun)	06:24	06:46	111	12:30	57S	18:13	249	18:36
2025	Jan 20	(Mon)	06:24	06:46	111	12:30	57S	18:13	250	18:36
2025	Jan 21	(Tue)	06:24	06:46	110	12:30	57S	18:14	250	18:37
2025	Jan 22	(Wed)	06:24	06:46	110	12:30	58S	18:14	250	18:37
2025	Jan 23	(Thu)	06:24	06:47	110	12:31	58S	18:15	250	18:37
2025	Jan 24	(Fri)	06:24	06:47	110	12:31	58S	18:15	251	18:38
2025	Jan 25	(Sat)	06:24	06:46	109	12:31	58S	18:16	251	18:38
2025	Jan 26	(Sun)	06:24	06:46	109	12:31	59S	18:16	251	18:39
2025	Jan 27	(Mon)	06:24	06:46	109	12:32	59S	18:17	251	18:39
2025	Jan 28	(Tue)	06:24	06:46	109	12:32	59S	18:17	252	18:40
2025	Jan 29	(Wed)	06:24	06:46	108	12:32	59S	18:18	252	18:40
2025	Jan 30	(Thu)	06:24	06:46	108	12:32	60S	18:18	252	18:41
2025	Jan 31	(Fri)	06:24	06:46	108	12:32	60S	18:19	252	18:41
2025	Feb 01	(Sat)	06:24	06:46	107	12:32	60S	18:19	253	18:41
2025	Feb 02	(Sun)	06:23	06:46	107	12:33	60S	18:20	253	18:42
2025	Feb 03	(Mon)	06:23	06:45	107	12:33	61S	18:20	253	18:42
2025	Feb 04	(Tue)	06:23	06:45	106	12:33	61S	18:20	254	18:43
2025	Feb 05	(Wed)	06:23	06:45	106	12:33	61S	18:21	254	18:43
2025	Feb 06	(Thu)	06:23	06:45	106	12:33	62S	18:21	254	18:43
2025	Feb 07	(Fri)	06:23	06:45	106	12:33	62S	18:22	255	18:44
2025	Feb 08	(Sat)	06:22	06:44	105	12:33	62S	18:22	255	18:44
2025	Feb 09	(Sun)	06:22	06:44	105	12:33	63S	18:22	255	18:44
2025	Feb 10	(Mon)	06:22	06:44	105	12:33	63S	18:23	256	18:45
2025	Feb 11	(Tue)	06:21	06:43	104	12:33	63S	18:23	256	18:45

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

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

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

2025	Sep	16	(Tue)	05:47	06:08	87	12:14	80S	18:19	273	18:41
2025	Sep	17	(Wed)	05:47	06:08	87	12:13	79S	18:19	272	18:40
2025	Sep	18	(Thu)	05:47	06:08	88	12:13	79S	18:18	272	18:39
2025	Sep	19	(Fri)	05:47	06:08	88	12:13	79S	18:17	272	18:39
2025	Sep	20	(Sat)	05:47	06:08	89	12:12	78S	18:17	271	18:38
2025	Sep	21	(Sun)	05:47	06:08	89	12:12	78S	18:16	271	18:37
2025	Sep	22	(Mon)	05:47	06:08	89	12:12	77S	18:15	270	18:36
2025	Sep	23	(Tue)	05:47	06:08	90	12:11	77S	18:14	270	18:36
2025	Sep	24	(Wed)	05:47	06:08	90	12:11	77S	18:14	270	18:35
2025	Sep	25	(Thu)	05:47	06:08	91	12:11	76S	18:13	269	18:34
2025	Sep	26	(Fri)	05:47	06:08	91	12:10	76S	18:12	269	18:33
2025	Sep	27	(Sat)	05:47	06:08	91	12:10	75S	18:11	268	18:33
2025	Sep	28	(Sun)	05:47	06:08	92	12:10	75S	18:11	268	18:32
2025	Sep	29	(Mon)	05:47	06:08	92	12:09	75S	18:10	268	18:31
2025	Sep	30	(Tue)	05:47	06:08	93	12:09	74S	18:09	267	18:31
2025	Oct	01	(Wed)	05:47	06:08	93	12:09	74S	18:09	267	18:30
2025	Oct	02	(Thu)	05:47	06:08	93	12:08	73S	18:08	266	18:29
2025	Oct	03	(Fri)	05:47	06:08	94	12:08	73S	18:07	266	18:29
2025	Oct	04	(Sat)	05:47	06:08	94	12:08	73S	18:07	266	18:28
2025	Oct	05	(Sun)	05:47	06:09	95	12:07	72S	18:06	265	18:27
2025	Oct	06	(Mon)	05:47	06:09	95	12:07	72S	18:05	265	18:27
2025	Oct	07	(Tue)	05:47	06:09	95	12:07	72S	18:05	264	18:26
2025	Oct	08	(Wed)	05:47	06:09	96	12:06	71S	18:04	264	18:25
2025	Oct	09	(Thu)	05:47	06:09	96	12:06	71S	18:03	264	18:25
2025	Oct	10	(Fri)	05:48	06:09	97	12:06	70S	18:03	263	18:24
2025	Oct	11	(Sat)	05:48	06:09	97	12:06	70S	18:02	263	18:23
2025	Oct	12	(Sun)	05:48	06:09	97	12:05	70S	18:01	262	18:23
2025	Oct	13	(Mon)	05:48	06:09	98	12:05	69S	18:01	262	18:22
2025	Oct	14	(Tue)	05:48	06:09	98	12:05	69S	18:00	262	18:22
2025	Oct	15	(Wed)	05:48	06:10	99	12:05	69S	18:00	261	18:21
2025	Oct	16	(Thu)	05:48	06:10	99	12:04	68S	17:59	261	18:21
2025	Oct	17	(Fri)	05:48	06:10	99	12:04	68S	17:58	260	18:20
2025	Oct	18	(Sat)	05:48	06:10	100	12:04	67S	17:58	260	18:19
2025	Oct	19	(Sun)	05:49	06:10	100	12:04	67S	17:57	260	18:19
2025	Oct	20	(Mon)	05:49	06:10	100	12:04	67S	17:57	259	18:18
2025	Oct	21	(Tue)	05:49	06:11	101	12:04	66S	17:56	259	18:18
2025	Oct	22	(Wed)	05:49	06:11	101	12:03	66S	17:56	259	18:17
2025	Oct	23	(Thu)	05:49	06:11	102	12:03	66S	17:55	258	18:17
2025	Oct	24	(Fri)	05:49	06:11	102	12:03	65S	17:55	258	18:17
2025	Oct	25	(Sat)	05:50	06:11	102	12:03	65S	17:54	258	18:16
2025	Oct	26	(Sun)	05:50	06:12	103	12:03	65S	17:54	257	18:16
2025	Oct	27	(Mon)	05:50	06:12	103	12:03	64S	17:54	257	18:15
2025	Oct	28	(Tue)	05:50	06:12	103	12:03	64S	17:53	257	18:15
2025	Oct	29	(Wed)	05:51	06:12	104	12:03	64S	17:53	256	18:15
2025	Oct	30	(Thu)	05:51	06:13	104	12:03	63S	17:52	256	18:14
2025	Oct	31	(Fri)	05:51	06:13	104	12:03	63S	17:52	256	18:14
2025	Nov	01	(Sat)	05:51	06:13	105	12:02	63S	17:52	255	18:14
2025	Nov	02	(Sun)	05:52	06:13	105	12:02	62S	17:51	255	18:13
2025	Nov	03	(Mon)	05:52	06:14	105	12:02	62S	17:51	255	18:13
2025	Nov	04	(Tue)	05:52	06:14	106	12:02	62S	17:51	254	18:13
2025	Nov	05	(Wed)	05:52	06:14	106	12:02	61S	17:50	254	18:12
2025	Nov	06	(Thu)	05:53	06:15	106	12:03	61S	17:50	254	18:12
2025	Nov	07	(Fri)	05:53	06:15	107	12:03	61S	17:50	253	18:12
2025	Nov	08	(Sat)	05:53	06:15	107	12:03	61S	17:50	253	18:12
2025	Nov	09	(Sun)	05:54	06:16	107	12:03	60S	17:49	253	18:12
2025	Nov	10	(Mon)	05:54	06:16	107	12:03	60S	17:49	252	18:11
2025	Nov	11	(Tue)	05:54	06:17	108	12:03	60S	17:49	252	18:11
2025	Nov	12	(Wed)	05:55	06:17	108	12:03	59S	17:49	252	18:11
2025	Nov	13	(Thu)	05:55	06:17	108	12:03	59S	17:49	252	18:11
2025	Nov	14	(Fri)	05:56	06:18	109	12:03	59S	17:49	251	18:11
2025	Nov	15	(Sat)	05:56	06:18	109	12:03	59S	17:49	251	18:11
2025	Nov	16	(Sun)	05:56	06:19	109	12:04	58S	17:48	251	18:11
2025	Nov	17	(Mon)	05:57	06:19	109	12:04	58S	17:48	251	18:11
2025	Nov	18	(Tue)	05:57	06:20	110	12:04	58S	17:48	250	18:11
2025	Nov	19	(Wed)	05:58	06:20	110	12:04	58S	17:48	250	18:11
2025	Nov	20	(Thu)	05:58	06:21	110	12:04	57S	17:48	250	18:11
2025	Nov	21	(Fri)	05:58	06:21	110	12:05	57S	17:48	250	18:11
2025	Nov	22	(Sat)	05:59	06:22	111	12:05	57S	17:48	249	18:11
2025	Nov	23	(Sun)	05:59	06:22	111	12:05	57S	17:48	249	18:11
2025	Nov	24	(Mon)	06:00	06:23	111	12:06	57S	17:48	249	18:11
2025	Nov	25	(Tue)	06:00	06:23	111	12:06	56S	17:49	249	18:11
2025	Nov	26	(Wed)	06:01	06:24	111	12:06	56S	17:49	249	18:11

2025	Nov	27	(Thu)	06:01	06:24	112	12:06	56S	17:49	248	18:12
2025	Nov	28	(Fri)	06:02	06:25	112	12:07	56S	17:49	248	18:12
2025	Nov	29	(Sat)	06:02	06:25	112	12:07	56S	17:49	248	18:12
2025	Nov	30	(Sun)	06:03	06:26	112	12:08	55S	17:49	248	18:12
2025	Dec	01	(Mon)	06:03	06:26	112	12:08	55S	17:49	248	18:12
2025	Dec	02	(Tue)	06:04	06:27	112	12:08	55S	17:50	248	18:13
2025	Dec	03	(Wed)	06:04	06:27	113	12:09	55S	17:50	247	18:13
2025	Dec	04	(Thu)	06:05	06:28	113	12:09	55S	17:50	247	18:13
2025	Dec	05	(Fri)	06:05	06:28	113	12:09	55S	17:50	247	18:13
2025	Dec	06	(Sat)	06:06	06:29	113	12:10	55S	17:51	247	18:14
2025	Dec	07	(Sun)	06:07	06:30	113	12:10	55S	17:51	247	18:14
2025	Dec	08	(Mon)	06:07	06:30	113	12:11	54S	17:51	247	18:14
2025	Dec	09	(Tue)	06:08	06:31	113	12:11	54S	17:52	247	18:15
2025	Dec	10	(Wed)	06:08	06:31	113	12:12	54S	17:52	247	18:15
2025	Dec	11	(Thu)	06:09	06:32	113	12:12	54S	17:52	246	18:15
2025	Dec	12	(Fri)	06:09	06:32	114	12:13	54S	17:53	246	18:16
2025	Dec	13	(Sat)	06:10	06:33	114	12:13	54S	17:53	246	18:16
2025	Dec	14	(Sun)	06:10	06:33	114	12:13	54S	17:54	246	18:17
2025	Dec	15	(Mon)	06:11	06:34	114	12:14	54S	17:54	246	18:17
2025	Dec	16	(Tue)	06:11	06:34	114	12:14	54S	17:54	246	18:18
2025	Dec	17	(Wed)	06:12	06:35	114	12:15	54S	17:55	246	18:18
2025	Dec	18	(Thu)	06:12	06:36	114	12:15	54S	17:55	246	18:18
2025	Dec	19	(Fri)	06:13	06:36	114	12:16	54S	17:56	246	18:19
2025	Dec	20	(Sat)	06:13	06:37	114	12:16	54S	17:56	246	18:19
2025	Dec	21	(Sun)	06:14	06:37	114	12:17	54S	17:57	246	18:20
2025	Dec	22	(Mon)	06:14	06:38	114	12:17	54S	17:57	246	18:20
2025	Dec	23	(Tue)	06:15	06:38	114	12:18	54S	17:58	246	18:21
2025	Dec	24	(Wed)	06:15	06:39	114	12:18	54S	17:58	246	18:21
2025	Dec	25	(Thu)	06:16	06:39	114	12:19	54S	17:59	246	18:22
2025	Dec	26	(Fri)	06:16	06:39	114	12:19	54S	17:59	246	18:23
2025	Dec	27	(Sat)	06:17	06:40	114	12:20	54S	18:00	246	18:23
2025	Dec	28	(Sun)	06:17	06:40	114	12:20	54S	18:00	246	18:24
2025	Dec	29	(Mon)	06:18	06:41	114	12:21	54S	18:01	246	18:24
2025	Dec	30	(Tue)	06:18	06:41	114	12:21	54S	18:02	246	18:25
2025	Dec	31	(Wed)	06:19	06:42	114	12:22	54S	18:02	246	18:25

Moon

Samut Sakhon

Location: E100°16'48.0", N13°33'07.1", 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)	07:51	117		13:37	52S		19:24	245	
2025 Jan 02 (Thu)	08:42	113		14:31	56S		20:23	250	
2025 Jan 03 (Fri)	09:28	107		15:23	61S		21:20	255	
2025 Jan 04 (Sat)	10:12	101		16:12	67S		22:16	262	
2025 Jan 05 (Sun)	10:52	94		16:59	74S		23:10	269	
2025 Jan 06 (Mon)	11:33	87		17:46	81S				
2025 Jan 07 (Tue)	12:14	80		18:35	88S		00:04	276	
2025 Jan 08 (Wed)	12:57	74		19:25	87N		00:59	283	
2025 Jan 09 (Thu)	13:44	68		20:20	82N		01:57	289	
2025 Jan 10 (Fri)	14:37	64		21:18	78N		02:58	294	
2025 Jan 11 (Sat)	15:34	61		22:19	76N		04:02	298	
2025 Jan 12 (Sun)	16:35	61		23:20	76N		05:05	299	
2025 Jan 13 (Mon)	17:36	62					06:05	299	
2025 Jan 14 (Tue)	18:36	65		00:20	78N		07:01	296	
2025 Jan 15 (Wed)	19:33	70		01:15	81N		07:50	293	
2025 Jan 16 (Thu)	20:25	75		02:05	86N		08:34	288	
2025 Jan 17 (Fri)	21:15	81		02:51	90S		09:13	282	
2025 Jan 18 (Sat)	22:01	87		03:33	84S		09:49	276	
2025 Jan 19 (Sun)	22:46	93		04:14	78S		10:23	270	
2025 Jan 20 (Mon)	23:31	99		04:53	72S		10:56	264	
2025 Jan 21 (Tue)				05:32	67S		11:30	258	
2025 Jan 22 (Wed)	00:17	105		06:13	61S		12:06	253	
2025 Jan 23 (Thu)	01:06	110		06:57	57S		12:46	248	
2025 Jan 24 (Fri)	01:56	114		07:44	53S		13:29	244	
2025 Jan 25 (Sat)	02:50	117		08:34	50S		14:17	242	

2025	Jan	26	(Sun)	03:46	119	09:29	48S	15:11	241
2025	Jan	27	(Mon)	04:44	119	10:26	48S	16:09	241
2025	Jan	28	(Tue)	05:39	118	11:24	50S	17:10	243
2025	Jan	29	(Wed)	06:32	115	12:20	54S	18:11	248
2025	Jan	30	(Thu)	07:22	110	13:14	59S	19:10	253
2025	Jan	31	(Fri)	08:07	104	14:06	65S	20:08	260
2025	Feb	01	(Sat)	08:50	97	14:55	72S	21:03	267
2025	Feb	02	(Sun)	09:31	89	15:43	79S	21:59	274
2025	Feb	03	(Mon)	10:13	82	16:32	86S	22:55	281
2025	Feb	04	(Tue)	10:56	76	17:22	89N	23:53	288
2025	Feb	05	(Wed)	11:42	70	18:16	83N		
2025	Feb	06	(Thu)	12:32	65	19:12	79N	00:52	293
2025	Feb	07	(Fri)	13:27	62	20:11	76N	01:54	297
2025	Feb	08	(Sat)	14:25	61	21:11	75N	02:56	299
2025	Feb	09	(Sun)	15:26	61	22:10	77N	03:57	299
2025	Feb	10	(Mon)	16:25	64	23:06	80N	04:53	298
2025	Feb	11	(Tue)	17:22	68	23:57	84N	05:43	294
2025	Feb	12	(Wed)	18:16	73			06:28	290
2025	Feb	13	(Thu)	19:06	78	00:44	89N	07:09	284
2025	Feb	14	(Fri)	19:54	85	01:28	87S	07:46	278
2025	Feb	15	(Sat)	20:40	91	02:09	81S	08:21	272
2025	Feb	16	(Sun)	21:25	97	02:48	75S	08:54	266
2025	Feb	17	(Mon)	22:11	103	03:28	69S	09:28	260
2025	Feb	18	(Tue)	22:58	108	04:08	63S	10:03	255
2025	Feb	19	(Wed)	23:47	112	04:50	58S	10:41	250
2025	Feb	20	(Thu)			05:35	54S	11:22	246
2025	Feb	21	(Fri)	00:39	116	06:24	51S	12:07	243
2025	Feb	22	(Sat)	01:33	119	07:16	48S	12:58	241
2025	Feb	23	(Sun)	02:29	120	08:11	48S	13:53	240
2025	Feb	24	(Mon)	03:25	119	09:08	49S	14:52	242
2025	Feb	25	(Tue)	04:19	116	10:05	52S	15:52	245
2025	Feb	26	(Wed)	05:10	112	11:00	56S	16:53	250
2025	Feb	27	(Thu)	05:57	107	11:53	62S	17:52	256
2025	Feb	28	(Fri)	06:42	100	12:44	69S	18:50	264
2025	Mar	01	(Sat)	07:25	93	13:34	76S	19:47	271
2025	Mar	02	(Sun)	08:08	85	14:24	84S	20:45	279
2025	Mar	03	(Mon)	08:51	78	15:16	91S	21:44	286
2025	Mar	04	(Tue)	09:38	71	16:09	85N	22:45	292
2025	Mar	05	(Wed)	10:28	66	17:06	80N	23:47	296
2025	Mar	06	(Thu)	11:22	62	18:05	77N		
2025	Mar	07	(Fri)	12:20	61	19:06	75N	00:51	299
2025	Mar	08	(Sat)	13:20	61	20:05	76N	01:52	300
2025	Mar	09	(Sun)	14:19	63	21:01	78N	02:49	298
2025	Mar	10	(Mon)	15:16	66	21:53	82N	03:40	296
2025	Mar	11	(Tue)	16:10	71	22:41	87N	04:26	291
2025	Mar	12	(Wed)	17:01	76	23:25	89S	05:08	286
2025	Mar	13	(Thu)	17:49	82			05:45	281
2025	Mar	14	(Fri)	18:35	88	00:06	83S	06:20	275
2025	Mar	15	(Sat)	19:20	95	00:46	77S	06:54	269
2025	Mar	16	(Sun)	20:06	100	01:25	71S	07:28	263
2025	Mar	17	(Mon)	20:52	106	02:05	65S	08:02	257
2025	Mar	18	(Tue)	21:41	111	02:47	60S	08:39	252
2025	Mar	19	(Wed)	22:31	115	03:30	55S	09:18	247
2025	Mar	20	(Thu)	23:24	118	04:17	52S	10:02	244
2025	Mar	21	(Fri)			05:07	49S	10:49	241
2025	Mar	22	(Sat)	00:18	119	06:00	48S	11:42	240
2025	Mar	23	(Sun)	01:13	119	06:55	48S	12:38	241
2025	Mar	24	(Mon)	02:06	118	07:50	50S	13:36	243
2025	Mar	25	(Tue)	02:57	115	08:45	54S	14:35	248
2025	Mar	26	(Wed)	03:45	110	09:38	59S	15:33	253
2025	Mar	27	(Thu)	04:31	104	10:29	65S	16:31	260
2025	Mar	28	(Fri)	05:14	97	11:19	72S	17:29	267
2025	Mar	29	(Sat)	05:57	89	12:10	80S	18:27	275
2025	Mar	30	(Sun)	06:41	81	13:02	87S	19:27	282
2025	Mar	31	(Mon)	07:27	74	13:56	87N	20:29	289
2025	Apr	01	(Tue)	08:18	68	14:54	82N	21:33	294
2025	Apr	02	(Wed)	09:12	64	15:55	78N	22:39	298
2025	Apr	03	(Thu)	10:11	61	16:57	76N	23:43	300
2025	Apr	04	(Fri)	11:12	60	17:58	76N		
2025	Apr	05	(Sat)	12:13	62	18:57	77N	00:43	299
2025	Apr	06	(Sun)	13:12	65	19:50	81N	01:38	297
2025	Apr	07	(Mon)	14:07	69	20:39	85N	02:26	293

2025 Apr 08 (Tue)	14:58 75	21:24 91N	03:08 288
2025 Apr 09 (Wed)	15:46 80	22:06 85S	03:46 282
2025 Apr 10 (Thu)	16:32 86	22:45 79S	04:22 277
2025 Apr 11 (Fri)	17:18 92	23:25 73S	04:55 271
2025 Apr 12 (Sat)	18:03 98		05:29 265
2025 Apr 13 (Sun)	18:49 104	00:04 67S	06:03 259
2025 Apr 14 (Mon)	19:36 109	00:45 62S	06:39 253
2025 Apr 15 (Tue)	20:26 114	01:28 57S	07:17 249
2025 Apr 16 (Wed)	21:18 117	02:14 53S	07:59 245
2025 Apr 17 (Thu)	22:12 119	03:02 50S	08:45 242
2025 Apr 18 (Fri)	23:06 120	03:54 48S	09:36 241
2025 Apr 19 (Sat)	23:59 119	04:48 48S	10:29 241
2025 Apr 20 (Sun)		05:42 49S	11:26 242
2025 Apr 21 (Mon)	00:49 116	06:35 52S	12:23 246
2025 Apr 22 (Tue)	01:37 112	07:27 57S	13:19 250
2025 Apr 23 (Wed)	02:22 107	08:17 62S	14:15 256
2025 Apr 24 (Thu)	03:04 100	09:06 69S	15:11 263
2025 Apr 25 (Fri)	03:46 93	09:55 76S	16:08 271
2025 Apr 26 (Sat)	04:29 85	10:46 83S	17:06 278
2025 Apr 27 (Sun)	05:14 78	11:38 91S	18:07 286
2025 Apr 28 (Mon)	06:03 71	12:35 84N	19:12 292
2025 Apr 29 (Tue)	06:56 66	13:36 79N	20:19 296
2025 Apr 30 (Wed)	07:55 62	14:40 76N	21:26 299
2025 May 01 (Thu)	08:58 61	15:44 75N	22:31 299
2025 May 02 (Fri)	10:01 61	16:46 77N	23:29 298
2025 May 03 (Sat)	11:03 64	17:43 80N	
2025 May 04 (Sun)	12:01 68	18:35 84N	00:21 294
2025 May 05 (Mon)	12:54 73	19:22 89N	01:06 290
2025 May 06 (Tue)	13:44 79	20:05 87S	01:46 284
2025 May 07 (Wed)	14:30 85	20:45 81S	02:23 278
2025 May 08 (Thu)	15:16 91	21:24 75S	02:57 272
2025 May 09 (Fri)	16:01 97	22:04 69S	03:30 266
2025 May 10 (Sat)	16:46 102	22:44 64S	04:04 261
2025 May 11 (Sun)	17:33 108	23:26 58S	04:39 255
2025 May 12 (Mon)	18:22 112		05:17 250
2025 May 13 (Tue)	19:14 116	00:11 54S	05:58 246
2025 May 14 (Wed)	20:07 118	00:59 51S	06:43 243
2025 May 15 (Thu)	21:01 119	01:50 49S	07:32 241
2025 May 16 (Fri)	21:55 119	02:43 48S	08:25 241
2025 May 17 (Sat)	22:45 117	03:37 49S	09:20 242
2025 May 18 (Sun)	23:33 113	04:30 51S	10:16 245
2025 May 19 (Mon)		05:22 55S	11:12 249
2025 May 20 (Tue)	00:18 108	06:11 60S	12:07 254
2025 May 21 (Wed)	01:00 103	06:59 66S	13:01 261
2025 May 22 (Thu)	01:40 96	07:46 73S	13:55 268
2025 May 23 (Fri)	02:21 89	08:34 80S	14:50 275
2025 May 24 (Sat)	03:03 82	09:24 87S	15:48 282
2025 May 25 (Sun)	03:49 75	10:17 88N	16:50 289
2025 May 26 (Mon)	04:39 68	11:15 82N	17:55 294
2025 May 27 (Tue)	05:35 64	12:18 78N	19:03 298
2025 May 28 (Wed)	06:37 61	13:24 76N	20:11 299
2025 May 29 (Thu)	07:42 61	14:29 76N	21:14 298
2025 May 30 (Fri)	08:47 63	15:30 78N	22:11 296
2025 May 31 (Sat)	09:48 66	16:26 82N	23:00 291
2025 Jun 01 (Sun)	10:45 71	17:16 87N	23:43 286
2025 Jun 02 (Mon)	11:37 77	18:01 89S	
2025 Jun 03 (Tue)	12:26 83	18:43 83S	00:21 280
2025 Jun 04 (Wed)	13:12 89	19:23 77S	00:57 274
2025 Jun 05 (Thu)	13:57 95	20:02 71S	01:31 268
2025 Jun 06 (Fri)	14:43 101	20:42 65S	02:04 262
2025 Jun 07 (Sat)	15:29 106	21:24 60S	02:39 257
2025 Jun 08 (Sun)	16:18 111	22:08 55S	03:16 252
2025 Jun 09 (Mon)	17:09 115	22:55 52S	03:56 247
2025 Jun 10 (Tue)	18:02 118	23:45 49S	04:40 244
2025 Jun 11 (Wed)	18:56 119		05:28 241
2025 Jun 12 (Thu)	19:50 119	00:38 48S	06:20 241
2025 Jun 13 (Fri)	20:42 117	01:33 49S	07:15 241
2025 Jun 14 (Sat)	21:31 114	02:26 51S	08:12 244
2025 Jun 15 (Sun)	22:17 110	03:19 54S	09:08 248
2025 Jun 16 (Mon)	22:59 104	04:08 59S	10:03 253
2025 Jun 17 (Tue)	23:39 98	04:56 64S	10:56 259
2025 Jun 18 (Wed)		05:43 71S	11:49 265

2025 Jun 19 (Thu)	00:19 91	06:29 78S	12:42 272
2025 Jun 20 (Fri)	00:59 84	07:16 85S	13:37 280
2025 Jun 21 (Sat)	01:41 77	08:06 90N	14:35 286
2025 Jun 22 (Sun)	02:28 71	09:01 84N	15:37 292
2025 Jun 23 (Mon)	03:20 66	10:00 79N	16:42 296
2025 Jun 24 (Tue)	04:18 62	11:03 76N	17:49 299
2025 Jun 25 (Wed)	05:22 61	12:08 76N	18:55 299
2025 Jun 26 (Thu)	06:27 62	13:12 77N	19:55 297
2025 Jun 27 (Fri)	07:31 64	14:11 80N	20:49 293
2025 Jun 28 (Sat)	08:31 69	15:05 85N	21:35 288
2025 Jun 29 (Sun)	09:27 74	15:53 90N	22:17 283
2025 Jun 30 (Mon)	10:18 80	16:38 85S	22:54 277
2025 Jul 01 (Tue)	11:06 86	17:19 79S	23:29 270
2025 Jul 02 (Wed)	11:52 93	17:59 73S	
2025 Jul 03 (Thu)	12:38 99	18:39 67S	00:03 264
2025 Jul 04 (Fri)	13:24 104	19:20 62S	00:38 259
2025 Jul 05 (Sat)	14:12 109	20:03 57S	01:14 253
2025 Jul 06 (Sun)	15:02 114	20:49 53S	01:52 249
2025 Jul 07 (Mon)	15:54 117	21:38 50S	02:35 245
2025 Jul 08 (Tue)	16:48 119	22:31 48S	03:21 242
2025 Jul 09 (Wed)	17:43 119	23:25 48S	04:13 241
2025 Jul 10 (Thu)	18:37 118		05:08 241
2025 Jul 11 (Fri)	19:27 115	00:20 50S	06:05 243
2025 Jul 12 (Sat)	20:14 111	01:14 53S	07:02 246
2025 Jul 13 (Sun)	20:58 106	02:05 57S	07:58 251
2025 Jul 14 (Mon)	21:39 100	02:54 63S	08:53 257
2025 Jul 15 (Tue)	22:19 93	03:41 69S	09:46 264
2025 Jul 16 (Wed)	22:59 86	04:27 76S	10:39 271
2025 Jul 17 (Thu)	23:40 79	05:14 83S	11:32 278
2025 Jul 18 (Fri)		06:02 89S	12:28 284
2025 Jul 19 (Sat)	00:24 73	06:54 86N	13:27 290
2025 Jul 20 (Sun)	01:12 67	07:49 81N	14:29 295
2025 Jul 21 (Mon)	02:07 63	08:49 77N	15:34 298
2025 Jul 22 (Tue)	03:06 61	09:53 76N	16:39 299
2025 Jul 23 (Wed)	04:10 61	10:56 76N	17:41 298
2025 Jul 24 (Thu)	05:14 63	11:57 79N	18:37 295
2025 Jul 25 (Fri)	06:16 67	12:53 83N	19:26 291
2025 Jul 26 (Sat)	07:13 72	13:43 88N	20:10 285
2025 Jul 27 (Sun)	08:07 78	14:30 88S	20:49 279
2025 Jul 28 (Mon)	08:57 84	15:13 81S	21:26 273
2025 Jul 29 (Tue)	09:44 90	15:54 75S	22:01 267
2025 Jul 30 (Wed)	10:31 96	16:34 69S	22:35 261
2025 Jul 31 (Thu)	11:17 102	17:15 64S	23:11 255
2025 Aug 01 (Fri)	12:05 108	17:57 59S	23:48 250
2025 Aug 02 (Sat)	12:54 112	18:42 54S	
2025 Aug 03 (Sun)	13:45 116	19:30 51S	00:29 246
2025 Aug 04 (Mon)	14:38 118	20:21 49S	01:14 243
2025 Aug 05 (Tue)	15:33 119	21:15 48S	02:03 241
2025 Aug 06 (Wed)	16:27 119	22:10 49S	02:57 241
2025 Aug 07 (Thu)	17:19 117	23:04 51S	03:53 242
2025 Aug 08 (Fri)	18:08 113	23:57 55S	04:51 245
2025 Aug 09 (Sat)	18:54 108		05:48 249
2025 Aug 10 (Sun)	19:37 102	00:48 61S	06:44 255
2025 Aug 11 (Mon)	20:18 95	01:36 67S	07:39 261
2025 Aug 12 (Tue)	20:58 88	02:24 74S	08:33 268
2025 Aug 13 (Wed)	21:39 81	03:11 81S	09:28 276
2025 Aug 14 (Thu)	22:22 74	03:59 88S	10:24 282
2025 Aug 15 (Fri)	23:09 69	04:50 87N	11:22 289
2025 Aug 16 (Sat)		05:45 82N	12:23 294
2025 Aug 17 (Sun)	00:01 64	06:43 78N	13:26 298
2025 Aug 18 (Mon)	00:59 61	07:44 76N	14:30 299
2025 Aug 19 (Tue)	02:00 61	08:46 76N	15:31 299
2025 Aug 20 (Wed)	03:02 62	09:46 77N	16:28 297
2025 Aug 21 (Thu)	04:04 65	10:43 81N	17:19 293
2025 Aug 22 (Fri)	05:02 70	11:35 86N	18:04 288
2025 Aug 23 (Sat)	05:57 75	12:23 90S	18:45 282
2025 Aug 24 (Sun)	06:48 81	13:07 84S	19:22 276
2025 Aug 25 (Mon)	07:36 88	13:49 78S	19:58 269
2025 Aug 26 (Tue)	08:23 94	14:29 72S	20:32 263
2025 Aug 27 (Wed)	09:10 100	15:10 66S	21:08 257
2025 Aug 28 (Thu)	09:57 106	15:52 60S	21:44 252
2025 Aug 29 (Fri)	10:46 110	16:36 56S	22:24 247

2025 Aug 30 (Sat)	11:36 115	17:22 52S	23:07 244
2025 Aug 31 (Sun)	12:28 118	18:12 49S	23:54 241
2025 Sep 01 (Mon)	13:22 119	19:04 48S	
2025 Sep 02 (Tue)	14:16 119	19:57 48S	00:45 240
2025 Sep 03 (Wed)	15:08 118	20:52 50S	01:40 241
2025 Sep 04 (Thu)	15:58 115	21:45 53S	02:37 243
2025 Sep 05 (Fri)	16:45 111	22:37 58S	03:34 247
2025 Sep 06 (Sat)	17:30 105	23:27 64S	04:31 252
2025 Sep 07 (Sun)	18:12 98		05:27 258
2025 Sep 08 (Mon)	18:53 91	00:15 71S	06:22 265
2025 Sep 09 (Tue)	19:35 84	01:04 78S	07:18 273
2025 Sep 10 (Wed)	20:19 77	01:53 85S	08:15 280
2025 Sep 11 (Thu)	21:06 70	02:44 90N	09:14 287
2025 Sep 12 (Fri)	21:57 65	03:39 84N	10:15 292
2025 Sep 13 (Sat)	22:53 62	04:37 79N	11:19 297
2025 Sep 14 (Sun)	23:54 61	05:38 76N	12:24 299
2025 Sep 15 (Mon)		06:40 75N	13:26 299
2025 Sep 16 (Tue)	00:56 61	07:41 77N	14:24 298
2025 Sep 17 (Wed)	01:57 64	08:38 80N	15:16 294
2025 Sep 18 (Thu)	02:55 68	09:30 84N	16:02 290
2025 Sep 19 (Fri)	03:50 73	10:18 89N	16:43 284
2025 Sep 20 (Sat)	04:42 79	11:03 86S	17:21 278
2025 Sep 21 (Sun)	05:30 85	11:45 80S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:26 74S	18:31 265
2025 Sep 23 (Tue)	07:04 98	13:06 68S	19:06 260
2025 Sep 24 (Wed)	07:51 103	13:48 62S	19:42 254
2025 Sep 25 (Thu)	08:39 109	14:31 57S	20:21 249
2025 Sep 26 (Fri)	09:29 113	15:16 53S	21:02 245
2025 Sep 27 (Sat)	10:20 117	16:04 50S	21:47 242
2025 Sep 28 (Sun)	11:13 119	16:55 48S	22:36 241
2025 Sep 29 (Mon)	12:06 120	17:47 48S	23:29 241
2025 Sep 30 (Tue)	12:58 119	18:40 49S	
2025 Oct 01 (Wed)	13:48 117	19:33 52S	00:24 242
2025 Oct 02 (Thu)	14:35 113	20:24 56S	01:19 245
2025 Oct 03 (Fri)	15:20 108	21:14 61S	02:15 249
2025 Oct 04 (Sat)	16:03 102	22:03 67S	03:11 255
2025 Oct 05 (Sun)	16:44 95	22:51 74S	04:06 262
2025 Oct 06 (Mon)	17:26 87	23:41 81S	05:02 269
2025 Oct 07 (Tue)	18:10 80		05:59 276
2025 Oct 08 (Wed)	18:56 73	00:32 89S	06:58 284
2025 Oct 09 (Thu)	19:48 67	01:27 86N	08:01 290
2025 Oct 10 (Fri)	20:44 63	02:25 81N	09:06 295
2025 Oct 11 (Sat)	21:45 61	03:28 77N	10:13 298
2025 Oct 12 (Sun)	22:48 61	04:31 76N	11:18 299
2025 Oct 13 (Mon)	23:51 63	05:34 76N	12:19 298
2025 Oct 14 (Tue)		06:33 79N	13:13 295
2025 Oct 15 (Wed)	00:51 67	07:27 82N	14:01 291
2025 Oct 16 (Thu)	01:47 71	08:16 87N	14:43 286
2025 Oct 17 (Fri)	02:38 77	09:02 88S	15:22 280
2025 Oct 18 (Sat)	03:27 83	09:44 82S	15:57 274
2025 Oct 19 (Sun)	04:14 89	10:25 76S	16:32 268
2025 Oct 20 (Mon)	05:00 96	11:05 70S	17:06 262
2025 Oct 21 (Tue)	05:47 101	11:46 64S	17:42 256
2025 Oct 22 (Wed)	06:34 107	12:28 59S	18:19 251
2025 Oct 23 (Thu)	07:23 112	13:12 55S	19:00 247
2025 Oct 24 (Fri)	08:14 115	13:59 51S	19:43 243
2025 Oct 25 (Sat)	09:06 118	14:49 49S	20:31 241
2025 Oct 26 (Sun)	09:59 119	15:40 48S	21:22 241
2025 Oct 27 (Mon)	10:51 119	16:33 49S	22:15 241
2025 Oct 28 (Tue)	11:41 117	17:24 51S	23:09 244
2025 Oct 29 (Wed)	12:28 114	18:15 54S	
2025 Oct 30 (Thu)	13:12 110	19:04 58S	00:04 248
2025 Oct 31 (Fri)	13:54 104	19:51 64S	00:58 253
2025 Nov 01 (Sat)	14:35 98	20:38 71S	01:51 259
2025 Nov 02 (Sun)	15:16 91	21:26 78S	02:45 265
2025 Nov 03 (Mon)	15:58 84	22:16 85S	03:40 273
2025 Nov 04 (Tue)	16:42 77	23:09 90N	04:37 280
2025 Nov 05 (Wed)	17:32 70		05:39 287
2025 Nov 06 (Thu)	18:27 65	00:06 83N	06:44 293
2025 Nov 07 (Fri)	19:28 62	01:08 79N	07:52 297
2025 Nov 08 (Sat)	20:33 61	02:14 76N	09:01 299
2025 Nov 09 (Sun)	21:39 62	03:20 76N	10:06 299

2025 Nov 10 (Mon)	22:42 65	04:23 78N	11:05 296
2025 Nov 11 (Tue)	23:41 70	05:21 81N	11:57 292
2025 Nov 12 (Wed)		06:13 86N	12:42 287
2025 Nov 13 (Thu)	00:35 75	07:00 90S	13:22 282
2025 Nov 14 (Fri)	01:25 81	07:43 84S	13:59 276
2025 Nov 15 (Sat)	02:12 88	08:24 78S	14:33 269
2025 Nov 16 (Sun)	02:58 94	09:05 72S	15:08 263
2025 Nov 17 (Mon)	03:44 100	09:45 66S	15:43 258
2025 Nov 18 (Tue)	04:31 105	10:26 61S	16:19 252
2025 Nov 19 (Wed)	05:19 110	11:10 56S	16:59 248
2025 Nov 20 (Thu)	06:10 114	11:56 52S	17:41 244
2025 Nov 21 (Fri)	07:01 117	12:45 50S	18:28 242
2025 Nov 22 (Sat)	07:54 119	13:36 48S	19:18 241
2025 Nov 23 (Sun)	08:46 119	14:28 48S	20:10 241
2025 Nov 24 (Mon)	09:37 118	15:20 50S	21:04 243
2025 Nov 25 (Tue)	10:24 115	16:10 53S	21:58 246
2025 Nov 26 (Wed)	11:09 111	16:59 57S	22:51 251
2025 Nov 27 (Thu)	11:51 106	17:45 62S	23:43 256
2025 Nov 28 (Fri)	12:30 101	18:31 68S	
2025 Nov 29 (Sat)	13:09 94	19:16 75S	00:34 263
2025 Nov 30 (Sun)	13:49 87	20:03 82S	01:26 269
2025 Dec 01 (Mon)	14:30 80	20:52 88S	02:20 276
2025 Dec 02 (Tue)	15:16 73	21:46 86N	03:18 283
2025 Dec 03 (Wed)	16:08 68	22:45 81N	04:19 290
2025 Dec 04 (Thu)	17:06 63	23:49 77N	05:26 295
2025 Dec 05 (Fri)	18:10 61		06:35 298
2025 Dec 06 (Sat)	19:18 61	00:57 76N	07:44 299
2025 Dec 07 (Sun)	20:25 64	02:04 77N	08:49 298
2025 Dec 08 (Mon)	21:28 68	03:07 80N	09:46 294
2025 Dec 09 (Tue)	22:26 73	04:03 84N	10:35 289
2025 Dec 10 (Wed)	23:19 79	04:54 89N	11:19 284
2025 Dec 11 (Thu)		05:40 86S	11:57 277
2025 Dec 12 (Fri)	00:08 86	06:22 80S	12:33 271
2025 Dec 13 (Sat)	00:55 92	07:03 74S	13:08 265
2025 Dec 14 (Sun)	01:42 98	07:44 68S	13:43 259
2025 Dec 15 (Mon)	02:28 104	08:25 62S	14:19 254
2025 Dec 16 (Tue)	03:16 109	09:08 57S	14:57 249
2025 Dec 17 (Wed)	04:05 113	09:53 53S	15:39 245
2025 Dec 18 (Thu)	04:57 116	10:41 50S	16:24 243
2025 Dec 19 (Fri)	05:49 118	11:32 49S	17:14 241
2025 Dec 20 (Sat)	06:42 119	12:24 48S	18:06 241
2025 Dec 21 (Sun)	07:33 118	13:16 49S	19:00 243
2025 Dec 22 (Mon)	08:22 116	14:07 52S	19:54 245
2025 Dec 23 (Tue)	09:08 113	14:56 56S	20:47 250
2025 Dec 24 (Wed)	09:50 108	15:43 61S	21:39 255
2025 Dec 25 (Thu)	10:30 102	16:28 66S	22:30 261
2025 Dec 26 (Fri)	11:08 96	17:13 73S	23:21 267
2025 Dec 27 (Sat)	11:46 89	17:57 79S	
2025 Dec 28 (Sun)	12:25 83	18:44 86S	00:12 274
2025 Dec 29 (Mon)	13:07 76	19:33 89N	01:06 281
2025 Dec 30 (Tue)	13:54 70	20:28 83N	02:03 287
2025 Dec 31 (Wed)	14:47 65	21:28 79N	03:05 293