

Sun

Suphan Buri

Location: E100°06'57.5", N14°28'15.6", 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)	05:55	06:44	114	12:23	53S	18:02	246	18:52
2025	Jan	02 (Thu)	05:55	06:45	113	12:24	53S	18:02	247	18:52
2025	Jan	03 (Fri)	05:55	06:45	113	12:24	53S	18:03	247	18:53
2025	Jan	04 (Sat)	05:56	06:45	113	12:24	54S	18:04	247	18:53
2025	Jan	05 (Sun)	05:56	06:46	113	12:25	54S	18:04	247	18:54
2025	Jan	06 (Mon)	05:56	06:46	113	12:25	54S	18:05	247	18:54
2025	Jan	07 (Tue)	05:57	06:46	113	12:26	54S	18:05	247	18:55
2025	Jan	08 (Wed)	05:57	06:47	113	12:26	54S	18:06	247	18:55
2025	Jan	09 (Thu)	05:57	06:47	113	12:27	54S	18:07	247	18:56
2025	Jan	10 (Fri)	05:58	06:47	112	12:27	54S	18:07	248	18:57
2025	Jan	11 (Sat)	05:58	06:47	112	12:27	54S	18:08	248	18:57
2025	Jan	12 (Sun)	05:58	06:48	112	12:28	55S	18:08	248	18:58
2025	Jan	13 (Mon)	05:58	06:48	112	12:28	55S	18:09	248	18:58
2025	Jan	14 (Tue)	05:59	06:48	112	12:29	55S	18:09	248	18:59
2025	Jan	15 (Wed)	05:59	06:48	112	12:29	55S	18:10	248	18:59
2025	Jan	16 (Thu)	05:59	06:48	111	12:29	55S	18:11	249	19:00
2025	Jan	17 (Fri)	05:59	06:48	111	12:30	56S	18:11	249	19:00
2025	Jan	18 (Sat)	05:59	06:48	111	12:30	56S	18:12	249	19:01
2025	Jan	19 (Sun)	06:00	06:48	111	12:30	56S	18:12	249	19:01
2025	Jan	20 (Mon)	06:00	06:48	111	12:31	56S	18:13	250	19:02
2025	Jan	21 (Tue)	06:00	06:49	110	12:31	56S	18:13	250	19:02
2025	Jan	22 (Wed)	06:00	06:49	110	12:31	57S	18:14	250	19:02
2025	Jan	23 (Thu)	06:00	06:49	110	12:31	57S	18:14	250	19:03
2025	Jan	24 (Fri)	06:00	06:49	110	12:32	57S	18:15	250	19:03
2025	Jan	25 (Sat)	06:00	06:48	109	12:32	57S	18:15	251	19:04
2025	Jan	26 (Sun)	06:00	06:48	109	12:32	58S	18:16	251	19:04
2025	Jan	27 (Mon)	06:00	06:48	109	12:32	58S	18:16	251	19:05
2025	Jan	28 (Tue)	06:00	06:48	109	12:32	58S	18:17	252	19:05
2025	Jan	29 (Wed)	06:00	06:48	108	12:33	58S	18:17	252	19:05
2025	Jan	30 (Thu)	06:00	06:48	108	12:33	59S	18:18	252	19:06
2025	Jan	31 (Fri)	06:00	06:48	108	12:33	59S	18:18	252	19:06
2025	Feb	01 (Sat)	06:00	06:48	107	12:33	59S	18:19	253	19:07
2025	Feb	02 (Sun)	06:00	06:47	107	12:33	60S	18:19	253	19:07
2025	Feb	03 (Mon)	05:59	06:47	107	12:33	60S	18:20	253	19:07
2025	Feb	04 (Tue)	05:59	06:47	107	12:33	60S	18:20	254	19:08
2025	Feb	05 (Wed)	05:59	06:47	106	12:34	60S	18:20	254	19:08
2025	Feb	06 (Thu)	05:59	06:47	106	12:34	61S	18:21	254	19:08
2025	Feb	07 (Fri)	05:59	06:46	106	12:34	61S	18:21	255	19:09
2025	Feb	08 (Sat)	05:58	06:46	105	12:34	61S	18:22	255	19:09
2025	Feb	09 (Sun)	05:58	06:46	105	12:34	62S	18:22	255	19:09
2025	Feb	10 (Mon)	05:58	06:45	105	12:34	62S	18:22	256	19:10
2025	Feb	11 (Tue)	05:58	06:45	104	12:34	62S	18:23	256	19:10
2025	Feb	12 (Wed)	05:57	06:45	104	12:34	63S	18:23	256	19:10
2025	Feb	13 (Thu)	05:57	06:44	104	12:34	63S	18:23	257	19:11
2025	Feb	14 (Fri)	05:57	06:44	103	12:34	63S	18:24	257	19:11
2025	Feb	15 (Sat)	05:56	06:43	103	12:34	64S	18:24	257	19:11
2025	Feb	16 (Sun)	05:56	06:43	103	12:34	64S	18:24	258	19:11
2025	Feb	17 (Mon)	05:56	06:43	102	12:33	64S	18:25	258	19:12
2025	Feb	18 (Tue)	05:55	06:42	102	12:33	65S	18:25	258	19:12
2025	Feb	19 (Wed)	05:55	06:42	101	12:33	65S	18:25	259	19:12
2025	Feb	20 (Thu)	05:54	06:41	101	12:33	65S	18:25	259	19:12
2025	Feb	21 (Fri)	05:54	06:41	101	12:33	66S	18:26	259	19:12
2025	Feb	22 (Sat)	05:53	06:40	100	12:33	66S	18:26	260	19:13
2025	Feb	23 (Sun)	05:53	06:40	100	12:33	67S	18:26	260	19:13
2025	Feb	24 (Mon)	05:53	06:39	100	12:33	67S	18:26	261	19:13
2025	Feb	25 (Tue)	05:52	06:39	99	12:33	67S	18:27	261	19:13
2025	Feb	26 (Wed)	05:52	06:38	99	12:32	68S	18:27	261	19:13
2025	Feb	27 (Thu)	05:51	06:37	98	12:32	68S	18:27	262	19:14
2025	Feb	28 (Fri)	05:50	06:37	98	12:32	68S	18:27	262	19:14
2025	Mar	01 (Sat)	05:50	06:36	98	12:32	69S	18:28	263	19:14

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

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

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

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

2025	Dec	15	(Mon)	05:46	06:36	114	12:15	53S	17:53	246	18:43
2025	Dec	16	(Tue)	05:47	06:37	114	12:15	53S	17:53	246	18:43
2025	Dec	17	(Wed)	05:47	06:37	114	12:16	53S	17:54	246	18:44
2025	Dec	18	(Thu)	05:48	06:38	114	12:16	53S	17:54	246	18:44
2025	Dec	19	(Fri)	05:48	06:38	114	12:17	53S	17:55	246	18:45
2025	Dec	20	(Sat)	05:49	06:39	114	12:17	53S	17:55	246	18:45
2025	Dec	21	(Sun)	05:49	06:39	114	12:18	53S	17:56	246	18:46
2025	Dec	22	(Mon)	05:50	06:40	114	12:18	53S	17:56	246	18:46
2025	Dec	23	(Tue)	05:50	06:40	114	12:19	53S	17:57	246	18:47
2025	Dec	24	(Wed)	05:51	06:41	114	12:19	53S	17:57	246	18:47
2025	Dec	25	(Thu)	05:51	06:41	114	12:20	53S	17:58	246	18:48
2025	Dec	26	(Fri)	05:52	06:42	114	12:20	53S	17:58	246	18:48
2025	Dec	27	(Sat)	05:52	06:42	114	12:21	53S	17:59	246	18:49
2025	Dec	28	(Sun)	05:53	06:43	114	12:21	53S	17:59	246	18:49
2025	Dec	29	(Mon)	05:53	06:43	114	12:22	53S	18:00	246	18:50
2025	Dec	30	(Tue)	05:54	06:44	114	12:22	53S	18:01	246	18:50
2025	Dec	31	(Wed)	05:54	06:44	114	12:23	53S	18:01	246	18:51

Sun

Suphan Buri

Location: E100°06'57.5", N14°28'15.6", 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)	06:21	06:44	114	12:23	53S	18:02	246	18:25
2025	Jan	02	(Thu)	06:22	06:45	113	12:24	53S	18:02	247	18:26
2025	Jan	03	(Fri)	06:22	06:45	113	12:24	53S	18:03	247	18:26
2025	Jan	04	(Sat)	06:22	06:45	113	12:24	54S	18:04	247	18:27
2025	Jan	05	(Sun)	06:23	06:46	113	12:25	54S	18:04	247	18:27
2025	Jan	06	(Mon)	06:23	06:46	113	12:25	54S	18:05	247	18:28
2025	Jan	07	(Tue)	06:23	06:46	113	12:26	54S	18:05	247	18:28
2025	Jan	08	(Wed)	06:24	06:47	113	12:26	54S	18:06	247	18:29
2025	Jan	09	(Thu)	06:24	06:47	113	12:27	54S	18:07	247	18:29
2025	Jan	10	(Fri)	06:24	06:47	112	12:27	54S	18:07	248	18:30
2025	Jan	11	(Sat)	06:24	06:47	112	12:27	54S	18:08	248	18:31
2025	Jan	12	(Sun)	06:25	06:48	112	12:28	55S	18:08	248	18:31
2025	Jan	13	(Mon)	06:25	06:48	112	12:28	55S	18:09	248	18:32
2025	Jan	14	(Tue)	06:25	06:48	112	12:29	55S	18:09	248	18:32
2025	Jan	15	(Wed)	06:25	06:48	112	12:29	55S	18:10	248	18:33
2025	Jan	16	(Thu)	06:25	06:48	111	12:29	55S	18:11	249	18:33
2025	Jan	17	(Fri)	06:25	06:48	111	12:30	56S	18:11	249	18:34
2025	Jan	18	(Sat)	06:26	06:48	111	12:30	56S	18:12	249	18:34
2025	Jan	19	(Sun)	06:26	06:48	111	12:30	56S	18:12	249	18:35
2025	Jan	20	(Mon)	06:26	06:48	111	12:31	56S	18:13	250	18:35
2025	Jan	21	(Tue)	06:26	06:49	110	12:31	56S	18:13	250	18:36
2025	Jan	22	(Wed)	06:26	06:49	110	12:31	57S	18:14	250	18:36
2025	Jan	23	(Thu)	06:26	06:49	110	12:31	57S	18:14	250	18:37
2025	Jan	24	(Fri)	06:26	06:49	110	12:32	57S	18:15	250	18:37
2025	Jan	25	(Sat)	06:26	06:48	109	12:32	57S	18:15	251	18:38
2025	Jan	26	(Sun)	06:26	06:48	109	12:32	58S	18:16	251	18:38
2025	Jan	27	(Mon)	06:26	06:48	109	12:32	58S	18:16	251	18:39
2025	Jan	28	(Tue)	06:26	06:48	109	12:32	58S	18:17	252	18:39
2025	Jan	29	(Wed)	06:26	06:48	108	12:33	58S	18:17	252	18:40
2025	Jan	30	(Thu)	06:26	06:48	108	12:33	59S	18:18	252	18:40
2025	Jan	31	(Fri)	06:26	06:48	108	12:33	59S	18:18	252	18:41
2025	Feb	01	(Sat)	06:25	06:48	107	12:33	59S	18:19	253	18:41
2025	Feb	02	(Sun)	06:25	06:47	107	12:33	60S	18:19	253	18:41
2025	Feb	03	(Mon)	06:25	06:47	107	12:33	60S	18:20	253	18:42
2025	Feb	04	(Tue)	06:25	06:47	107	12:33	60S	18:20	254	18:42
2025	Feb	05	(Wed)	06:25	06:47	106	12:34	60S	18:20	254	18:43
2025	Feb	06	(Thu)	06:24	06:47	106	12:34	61S	18:21	254	18:43
2025	Feb	07	(Fri)	06:24	06:46	106	12:34	61S	18:21	255	18:43
2025	Feb	08	(Sat)	06:24	06:46	105	12:34	61S	18:22	255	18:44
2025	Feb	09	(Sun)	06:24	06:46	105	12:34	62S	18:22	255	18:44
2025	Feb	10	(Mon)	06:23	06:45	105	12:34	62S	18:22	256	18:44
2025	Feb	11	(Tue)	06:23	06:45	104	12:34	62S	18:23	256	18:45

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

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

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

2025	Sep	16	(Tue)	05:47	06:08	87	12:14	79S	18:20	273	18:42
2025	Sep	17	(Wed)	05:47	06:08	87	12:14	78S	18:20	272	18:41
2025	Sep	18	(Thu)	05:47	06:08	88	12:14	78S	18:19	272	18:40
2025	Sep	19	(Fri)	05:47	06:08	88	12:13	78S	18:18	272	18:39
2025	Sep	20	(Sat)	05:47	06:09	89	12:13	77S	18:17	271	18:39
2025	Sep	21	(Sun)	05:47	06:09	89	12:13	77S	18:16	271	18:38
2025	Sep	22	(Mon)	05:47	06:09	89	12:12	76S	18:16	270	18:37
2025	Sep	23	(Tue)	05:47	06:09	90	12:12	76S	18:15	270	18:36
2025	Sep	24	(Wed)	05:47	06:09	90	12:12	76S	18:14	270	18:36
2025	Sep	25	(Thu)	05:47	06:09	91	12:11	75S	18:13	269	18:35
2025	Sep	26	(Fri)	05:47	06:09	91	12:11	75S	18:13	269	18:34
2025	Sep	27	(Sat)	05:48	06:09	91	12:11	75S	18:12	268	18:33
2025	Sep	28	(Sun)	05:48	06:09	92	12:10	74S	18:11	268	18:33
2025	Sep	29	(Mon)	05:48	06:09	92	12:10	74S	18:11	268	18:32
2025	Sep	30	(Tue)	05:48	06:09	93	12:10	73S	18:10	267	18:31
2025	Oct	01	(Wed)	05:48	06:09	93	12:09	73S	18:09	267	18:30
2025	Oct	02	(Thu)	05:48	06:09	93	12:09	73S	18:08	266	18:30
2025	Oct	03	(Fri)	05:48	06:09	94	12:09	72S	18:08	266	18:29
2025	Oct	04	(Sat)	05:48	06:09	94	12:08	72S	18:07	266	18:28
2025	Oct	05	(Sun)	05:48	06:10	95	12:08	71S	18:06	265	18:28
2025	Oct	06	(Mon)	05:48	06:10	95	12:08	71S	18:06	265	18:27
2025	Oct	07	(Tue)	05:48	06:10	95	12:07	71S	18:05	264	18:26
2025	Oct	08	(Wed)	05:48	06:10	96	12:07	70S	18:04	264	18:26
2025	Oct	09	(Thu)	05:48	06:10	96	12:07	70S	18:04	264	18:25
2025	Oct	10	(Fri)	05:49	06:10	97	12:07	69S	18:03	263	18:24
2025	Oct	11	(Sat)	05:49	06:10	97	12:06	69S	18:02	263	18:24
2025	Oct	12	(Sun)	05:49	06:10	97	12:06	69S	18:02	262	18:23
2025	Oct	13	(Mon)	05:49	06:10	98	12:06	68S	18:01	262	18:22
2025	Oct	14	(Tue)	05:49	06:11	98	12:06	68S	18:00	262	18:22
2025	Oct	15	(Wed)	05:49	06:11	99	12:05	68S	18:00	261	18:21
2025	Oct	16	(Thu)	05:49	06:11	99	12:05	67S	17:59	261	18:21
2025	Oct	17	(Fri)	05:50	06:11	99	12:05	67S	17:59	260	18:20
2025	Oct	18	(Sat)	05:50	06:11	100	12:05	67S	17:58	260	18:20
2025	Oct	19	(Sun)	05:50	06:11	100	12:05	66S	17:57	260	18:19
2025	Oct	20	(Mon)	05:50	06:12	100	12:04	66S	17:57	259	18:18
2025	Oct	21	(Tue)	05:50	06:12	101	12:04	65S	17:56	259	18:18
2025	Oct	22	(Wed)	05:50	06:12	101	12:04	65S	17:56	259	18:17
2025	Oct	23	(Thu)	05:51	06:12	102	12:04	65S	17:55	258	18:17
2025	Oct	24	(Fri)	05:51	06:13	102	12:04	64S	17:55	258	18:17
2025	Oct	25	(Sat)	05:51	06:13	102	12:04	64S	17:54	258	18:16
2025	Oct	26	(Sun)	05:51	06:13	103	12:04	64S	17:54	257	18:16
2025	Oct	27	(Mon)	05:52	06:13	103	12:03	63S	17:53	257	18:15
2025	Oct	28	(Tue)	05:52	06:14	103	12:03	63S	17:53	256	18:15
2025	Oct	29	(Wed)	05:52	06:14	104	12:03	63S	17:52	256	18:14
2025	Oct	30	(Thu)	05:52	06:14	104	12:03	62S	17:52	256	18:14
2025	Oct	31	(Fri)	05:53	06:15	104	12:03	62S	17:52	255	18:14
2025	Nov	01	(Sat)	05:53	06:15	105	12:03	62S	17:51	255	18:13
2025	Nov	02	(Sun)	05:53	06:15	105	12:03	61S	17:51	255	18:13
2025	Nov	03	(Mon)	05:53	06:15	105	12:03	61S	17:51	254	18:13
2025	Nov	04	(Tue)	05:54	06:16	106	12:03	61S	17:50	254	18:12
2025	Nov	05	(Wed)	05:54	06:16	106	12:03	60S	17:50	254	18:12
2025	Nov	06	(Thu)	05:54	06:17	106	12:03	60S	17:50	254	18:12
2025	Nov	07	(Fri)	05:55	06:17	107	12:03	60S	17:49	253	18:12
2025	Nov	08	(Sat)	05:55	06:17	107	12:03	60S	17:49	253	18:11
2025	Nov	09	(Sun)	05:55	06:18	107	12:03	59S	17:49	253	18:11
2025	Nov	10	(Mon)	05:56	06:18	107	12:03	59S	17:49	252	18:11
2025	Nov	11	(Tue)	05:56	06:18	108	12:04	59S	17:48	252	18:11
2025	Nov	12	(Wed)	05:57	06:19	108	12:04	58S	17:48	252	18:11
2025	Nov	13	(Thu)	05:57	06:19	108	12:04	58S	17:48	252	18:11
2025	Nov	14	(Fri)	05:57	06:20	109	12:04	58S	17:48	251	18:10
2025	Nov	15	(Sat)	05:58	06:20	109	12:04	58S	17:48	251	18:10
2025	Nov	16	(Sun)	05:58	06:21	109	12:04	57S	17:48	251	18:10
2025	Nov	17	(Mon)	05:59	06:21	109	12:04	57S	17:48	250	18:10
2025	Nov	18	(Tue)	05:59	06:22	110	12:05	57S	17:48	250	18:10
2025	Nov	19	(Wed)	06:00	06:22	110	12:05	57S	17:48	250	18:10
2025	Nov	20	(Thu)	06:00	06:23	110	12:05	56S	17:48	250	18:10
2025	Nov	21	(Fri)	06:00	06:23	110	12:05	56S	17:48	250	18:10
2025	Nov	22	(Sat)	06:01	06:24	111	12:06	56S	17:48	249	18:10
2025	Nov	23	(Sun)	06:01	06:24	111	12:06	56S	17:48	249	18:10
2025	Nov	24	(Mon)	06:02	06:25	111	12:06	56S	17:48	249	18:10
2025	Nov	25	(Tue)	06:02	06:25	111	12:07	55S	17:48	249	18:11
2025	Nov	26	(Wed)	06:03	06:26	111	12:07	55S	17:48	248	18:11

2025	Nov	27	(Thu)	06:03	06:26	112	12:07	55S	17:48	248	18:11
2025	Nov	28	(Fri)	06:04	06:27	112	12:07	55S	17:48	248	18:11
2025	Nov	29	(Sat)	06:04	06:27	112	12:08	55S	17:48	248	18:11
2025	Nov	30	(Sun)	06:05	06:28	112	12:08	55S	17:48	248	18:11
2025	Dec	01	(Mon)	06:05	06:28	112	12:09	54S	17:49	248	18:12
2025	Dec	02	(Tue)	06:06	06:29	112	12:09	54S	17:49	247	18:12
2025	Dec	03	(Wed)	06:07	06:30	113	12:09	54S	17:49	247	18:12
2025	Dec	04	(Thu)	06:07	06:30	113	12:10	54S	17:49	247	18:12
2025	Dec	05	(Fri)	06:08	06:31	113	12:10	54S	17:50	247	18:13
2025	Dec	06	(Sat)	06:08	06:31	113	12:11	54S	17:50	247	18:13
2025	Dec	07	(Sun)	06:09	06:32	113	12:11	54S	17:50	247	18:13
2025	Dec	08	(Mon)	06:09	06:32	113	12:11	53S	17:50	247	18:14
2025	Dec	09	(Tue)	06:10	06:33	113	12:12	53S	17:51	247	18:14
2025	Dec	10	(Wed)	06:10	06:33	113	12:12	53S	17:51	246	18:14
2025	Dec	11	(Thu)	06:11	06:34	114	12:13	53S	17:51	246	18:15
2025	Dec	12	(Fri)	06:11	06:35	114	12:13	53S	17:52	246	18:15
2025	Dec	13	(Sat)	06:12	06:35	114	12:14	53S	17:52	246	18:15
2025	Dec	14	(Sun)	06:12	06:36	114	12:14	53S	17:53	246	18:16
2025	Dec	15	(Mon)	06:13	06:36	114	12:15	53S	17:53	246	18:16
2025	Dec	16	(Tue)	06:14	06:37	114	12:15	53S	17:53	246	18:17
2025	Dec	17	(Wed)	06:14	06:37	114	12:16	53S	17:54	246	18:17
2025	Dec	18	(Thu)	06:15	06:38	114	12:16	53S	17:54	246	18:18
2025	Dec	19	(Fri)	06:15	06:38	114	12:17	53S	17:55	246	18:18
2025	Dec	20	(Sat)	06:16	06:39	114	12:17	53S	17:55	246	18:19
2025	Dec	21	(Sun)	06:16	06:39	114	12:18	53S	17:56	246	18:19
2025	Dec	22	(Mon)	06:17	06:40	114	12:18	53S	17:56	246	18:20
2025	Dec	23	(Tue)	06:17	06:40	114	12:19	53S	17:57	246	18:20
2025	Dec	24	(Wed)	06:18	06:41	114	12:19	53S	17:57	246	18:21
2025	Dec	25	(Thu)	06:18	06:41	114	12:20	53S	17:58	246	18:21
2025	Dec	26	(Fri)	06:19	06:42	114	12:20	53S	17:58	246	18:22
2025	Dec	27	(Sat)	06:19	06:42	114	12:21	53S	17:59	246	18:22
2025	Dec	28	(Sun)	06:19	06:43	114	12:21	53S	17:59	246	18:23
2025	Dec	29	(Mon)	06:20	06:43	114	12:22	53S	18:00	246	18:23
2025	Dec	30	(Tue)	06:20	06:44	114	12:22	53S	18:01	246	18:24
2025	Dec	31	(Wed)	06:21	06:44	114	12:23	53S	18:01	246	18:24

Moon

Suphan Buri

Location: E100°06'57.5", N14°28'15.6", 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)	07:54	117		13:38	51S	19:23 245
2025	Jan	02	(Thu)	08:44	113		14:32	55S	20:23 250
2025	Jan	03	(Fri)	09:30	108		15:24	60S	21:20 255
2025	Jan	04	(Sat)	10:13	101		16:13	67S	22:16 262
2025	Jan	05	(Sun)	10:53	94		17:00	73S	23:10 269
2025	Jan	06	(Mon)	11:33	87		17:47	80S	
2025	Jan	07	(Tue)	12:14	80		18:35	87S	00:05 276
2025	Jan	08	(Wed)	12:57	74		19:26	88N	01:01 283
2025	Jan	09	(Thu)	13:43	68		20:21	83N	02:00 289
2025	Jan	10	(Fri)	14:35	64		21:19	79N	03:01 294
2025	Jan	11	(Sat)	15:32	61		22:20	77N	04:04 298
2025	Jan	12	(Sun)	16:33	61		23:21	77N	05:08 299
2025	Jan	13	(Mon)	17:35	62				06:08 299
2025	Jan	14	(Tue)	18:35	65	00:20	79N		07:04 297
2025	Jan	15	(Wed)	19:32	70	01:15	82N		07:53 293
2025	Jan	16	(Thu)	20:25	75	02:06	87N		08:36 288
2025	Jan	17	(Fri)	21:15	81	02:52	89S		09:14 282
2025	Jan	18	(Sat)	22:02	87	03:34	83S		09:50 276
2025	Jan	19	(Sun)	22:47	93	04:14	77S		10:24 270
2025	Jan	20	(Mon)	23:33	99	04:53	72S		10:57 264
2025	Jan	21	(Tue)			05:33	66S		11:30 258
2025	Jan	22	(Wed)	00:19	105	06:14	60S		12:06 253
2025	Jan	23	(Thu)	01:08	110	06:57	56S		12:45 248
2025	Jan	24	(Fri)	01:59	114	07:44	52S		13:28 244
2025	Jan	25	(Sat)	02:53	117	08:35	49S		14:16 242

2025	Jan	26	(Sun)	03:49	119	09:30	47S	15:10	240
2025	Jan	27	(Mon)	04:46	120	10:27	47S	16:08	241
2025	Jan	28	(Tue)	05:42	118	11:25	49S	17:09	243
2025	Jan	29	(Wed)	06:35	115	12:21	53S	18:10	247
2025	Jan	30	(Thu)	07:24	110	13:15	58S	19:09	253
2025	Jan	31	(Fri)	08:09	104	14:06	64S	20:07	260
2025	Feb	01	(Sat)	08:51	97	14:56	71S	21:04	267
2025	Feb	02	(Sun)	09:32	89	15:44	78S	22:00	274
2025	Feb	03	(Mon)	10:13	82	16:33	85S	22:56	281
2025	Feb	04	(Tue)	10:56	75	17:23	89N	23:54	288
2025	Feb	05	(Wed)	11:41	69	18:16	84N		
2025	Feb	06	(Thu)	12:31	65	19:13	80N	00:55	293
2025	Feb	07	(Fri)	13:25	62	20:12	77N	01:57	297
2025	Feb	08	(Sat)	14:24	60	21:12	76N	02:59	299
2025	Feb	09	(Sun)	15:24	61	22:11	78N	04:00	299
2025	Feb	10	(Mon)	16:24	64	23:06	80N	04:55	298
2025	Feb	11	(Tue)	17:21	68	23:58	85N	05:46	294
2025	Feb	12	(Wed)	18:15	73			06:31	290
2025	Feb	13	(Thu)	19:06	78	00:45	90N	07:11	284
2025	Feb	14	(Fri)	19:54	85	01:28	86S	07:47	278
2025	Feb	15	(Sat)	20:40	91	02:09	80S	08:21	272
2025	Feb	16	(Sun)	21:26	97	02:49	74S	08:55	266
2025	Feb	17	(Mon)	22:12	103	03:29	68S	09:28	260
2025	Feb	18	(Tue)	23:00	108	04:09	62S	10:03	255
2025	Feb	19	(Wed)	23:49	113	04:51	57S	10:40	250
2025	Feb	20	(Thu)			05:36	53S	11:21	246
2025	Feb	21	(Fri)	00:42	116	06:25	50S	12:06	242
2025	Feb	22	(Sat)	01:36	119	07:17	48S	12:56	241
2025	Feb	23	(Sun)	02:32	120	08:12	47S	13:52	240
2025	Feb	24	(Mon)	03:28	119	09:09	48S	14:51	242
2025	Feb	25	(Tue)	04:21	117	10:05	51S	15:51	245
2025	Feb	26	(Wed)	05:12	112	11:00	55S	16:52	250
2025	Feb	27	(Thu)	05:59	107	11:54	61S	17:51	256
2025	Feb	28	(Fri)	06:43	100	12:45	68S	18:50	263
2025	Mar	01	(Sat)	07:26	93	13:35	75S	19:48	271
2025	Mar	02	(Sun)	08:08	85	14:25	83S	20:46	279
2025	Mar	03	(Mon)	08:51	78	15:16	90S	21:45	286
2025	Mar	04	(Tue)	09:37	71	16:10	85N	22:47	292
2025	Mar	05	(Wed)	10:27	66	17:07	81N	23:50	296
2025	Mar	06	(Thu)	11:21	62	18:06	77N		
2025	Mar	07	(Fri)	12:18	60	19:06	76N	00:53	299
2025	Mar	08	(Sat)	13:18	61	20:06	77N	01:55	300
2025	Mar	09	(Sun)	14:18	63	21:02	79N	02:52	299
2025	Mar	10	(Mon)	15:15	66	21:54	83N	03:43	296
2025	Mar	11	(Tue)	16:10	71	22:41	88N	04:29	291
2025	Mar	12	(Wed)	17:01	76	23:25	88S	05:09	286
2025	Mar	13	(Thu)	17:49	82			05:47	281
2025	Mar	14	(Fri)	18:36	88	00:07	82S	06:21	275
2025	Mar	15	(Sat)	19:21	95	00:47	76S	06:55	269
2025	Mar	16	(Sun)	20:07	100	01:26	70S	07:28	263
2025	Mar	17	(Mon)	20:54	106	02:06	64S	08:02	257
2025	Mar	18	(Tue)	21:43	111	02:47	59S	08:38	252
2025	Mar	19	(Wed)	22:34	115	03:31	55S	09:17	247
2025	Mar	20	(Thu)	23:27	118	04:18	51S	10:00	244
2025	Mar	21	(Fri)			05:08	48S	10:48	241
2025	Mar	22	(Sat)	00:21	120	06:01	47S	11:40	240
2025	Mar	23	(Sun)	01:16	120	06:56	47S	12:36	241
2025	Mar	24	(Mon)	02:09	118	07:51	49S	13:34	243
2025	Mar	25	(Tue)	03:00	115	08:45	53S	14:34	247
2025	Mar	26	(Wed)	03:47	110	09:38	58S	15:33	253
2025	Mar	27	(Thu)	04:32	104	10:30	64S	16:31	260
2025	Mar	28	(Fri)	05:15	97	11:20	71S	17:29	267
2025	Mar	29	(Sat)	05:58	89	12:11	79S	18:28	275
2025	Mar	30	(Sun)	06:41	81	13:02	86S	19:28	282
2025	Mar	31	(Mon)	07:27	74	13:57	88N	20:31	289
2025	Apr	01	(Tue)	08:17	68	14:55	83N	21:36	295
2025	Apr	02	(Wed)	09:11	64	15:55	78N	22:42	298
2025	Apr	03	(Thu)	10:10	61	16:58	76N	23:46	300
2025	Apr	04	(Fri)	11:11	60	17:59	76N		
2025	Apr	05	(Sat)	12:12	62	18:57	78N	00:46	299
2025	Apr	06	(Sun)	13:11	65	19:51	82N	01:40	297
2025	Apr	07	(Mon)	14:06	69	20:40	86N	02:28	293

2025 Apr 08 (Tue)	14:58 75	21:24 90S	03:10 288
2025 Apr 09 (Wed)	15:46 80	22:06 84S	03:48 283
2025 Apr 10 (Thu)	16:33 86	22:46 78S	04:23 277
2025 Apr 11 (Fri)	17:18 92	23:25 72S	04:56 271
2025 Apr 12 (Sat)	18:04 98		05:29 265
2025 Apr 13 (Sun)	18:50 104	00:05 66S	06:03 259
2025 Apr 14 (Mon)	19:39 109	00:46 61S	06:38 253
2025 Apr 15 (Tue)	20:29 114	01:29 56S	07:16 249
2025 Apr 16 (Wed)	21:21 117	02:14 52S	07:58 245
2025 Apr 17 (Thu)	22:15 119	03:03 49S	08:44 242
2025 Apr 18 (Fri)	23:09 120	03:55 47S	09:34 240
2025 Apr 19 (Sat)		04:48 47S	10:28 241
2025 Apr 20 (Sun)	00:02 119	05:42 48S	11:24 242
2025 Apr 21 (Mon)	00:52 116	06:36 51S	12:21 246
2025 Apr 22 (Tue)	01:39 112	07:27 56S	13:19 250
2025 Apr 23 (Wed)	02:23 107	08:18 61S	14:15 256
2025 Apr 24 (Thu)	03:06 100	09:07 68S	15:11 263
2025 Apr 25 (Fri)	03:47 93	09:56 75S	16:08 271
2025 Apr 26 (Sat)	04:29 85	10:46 82S	17:07 278
2025 Apr 27 (Sun)	05:14 78	11:39 90S	18:09 286
2025 Apr 28 (Mon)	06:02 71	12:36 85N	19:14 292
2025 Apr 29 (Tue)	06:55 66	13:37 80N	20:21 297
2025 Apr 30 (Wed)	07:54 62	14:41 77N	21:29 299
2025 May 01 (Thu)	08:56 60	15:45 76N	22:34 299
2025 May 02 (Fri)	10:00 61	16:47 78N	23:32 298
2025 May 03 (Sat)	11:02 64	17:44 81N	
2025 May 04 (Sun)	12:00 68	18:36 85N	00:24 294
2025 May 05 (Mon)	12:54 73	19:23 90N	01:08 290
2025 May 06 (Tue)	13:43 79	20:05 86S	01:48 284
2025 May 07 (Wed)	14:31 85	20:46 80S	02:24 278
2025 May 08 (Thu)	15:16 91	21:25 74S	02:58 272
2025 May 09 (Fri)	16:02 97	22:04 68S	03:31 266
2025 May 10 (Sat)	16:48 102	22:45 63S	04:04 261
2025 May 11 (Sun)	17:35 108	23:27 58S	04:39 255
2025 May 12 (Mon)	18:25 112		05:16 250
2025 May 13 (Tue)	19:17 116	00:12 53S	05:57 246
2025 May 14 (Wed)	20:10 118	01:00 50S	06:41 243
2025 May 15 (Thu)	21:04 120	01:51 48S	07:31 241
2025 May 16 (Fri)	21:57 119	02:44 47S	08:23 241
2025 May 17 (Sat)	22:48 117	03:38 48S	09:19 242
2025 May 18 (Sun)	23:36 113	04:31 50S	10:15 245
2025 May 19 (Mon)		05:22 54S	11:11 249
2025 May 20 (Tue)	00:20 108	06:12 59S	12:06 254
2025 May 21 (Wed)	01:01 103	06:59 65S	13:01 261
2025 May 22 (Thu)	01:42 96	07:47 72S	13:55 268
2025 May 23 (Fri)	02:22 89	08:34 79S	14:51 275
2025 May 24 (Sat)	03:03 81	09:24 86S	15:50 282
2025 May 25 (Sun)	03:48 75	10:18 88N	16:52 289
2025 May 26 (Mon)	04:38 68	11:16 83N	17:58 294
2025 May 27 (Tue)	05:34 64	12:19 79N	19:06 298
2025 May 28 (Wed)	06:36 61	13:24 77N	20:14 299
2025 May 29 (Thu)	07:41 61	14:29 77N	21:17 299
2025 May 30 (Fri)	08:46 63	15:31 79N	22:13 296
2025 May 31 (Sat)	09:47 66	16:26 83N	23:02 291
2025 Jun 01 (Sun)	10:45 71	17:16 88N	23:45 286
2025 Jun 02 (Mon)	11:37 77	18:02 88S	
2025 Jun 03 (Tue)	12:26 83	18:44 82S	00:23 280
2025 Jun 04 (Wed)	13:13 89	19:24 76S	00:58 274
2025 Jun 05 (Thu)	13:58 95	20:03 70S	01:31 268
2025 Jun 06 (Fri)	14:44 101	20:43 64S	02:05 262
2025 Jun 07 (Sat)	15:31 106	21:24 59S	02:39 257
2025 Jun 08 (Sun)	16:20 111	22:08 55S	03:15 252
2025 Jun 09 (Mon)	17:11 115	22:56 51S	03:55 247
2025 Jun 10 (Tue)	18:05 118	23:46 48S	04:38 244
2025 Jun 11 (Wed)	18:59 119		05:26 241
2025 Jun 12 (Thu)	19:53 119	00:39 47S	06:19 241
2025 Jun 13 (Fri)	20:45 118	01:33 48S	07:14 241
2025 Jun 14 (Sat)	21:34 114	02:27 50S	08:11 244
2025 Jun 15 (Sun)	22:19 110	03:19 53S	09:07 248
2025 Jun 16 (Mon)	23:01 104	04:09 58S	10:02 253
2025 Jun 17 (Tue)	23:40 98	04:57 63S	10:56 259
2025 Jun 18 (Wed)		05:43 70S	11:49 265

2025 Jun 19 (Thu)	00:19 91	06:29 77S	12:43 272
2025 Jun 20 (Fri)	00:59 84	07:17 84S	13:38 280
2025 Jun 21 (Sat)	01:41 77	08:07 90S	14:37 286
2025 Jun 22 (Sun)	02:27 71	09:01 85N	15:39 292
2025 Jun 23 (Mon)	03:19 66	10:00 80N	16:45 297
2025 Jun 24 (Tue)	04:17 62	11:04 77N	17:52 299
2025 Jun 25 (Wed)	05:20 61	12:09 77N	18:58 299
2025 Jun 26 (Thu)	06:26 61	13:13 78N	19:58 297
2025 Jun 27 (Fri)	07:30 64	14:12 81N	20:51 293
2025 Jun 28 (Sat)	08:30 69	15:06 86N	21:37 288
2025 Jun 29 (Sun)	09:26 74	15:54 90S	22:18 283
2025 Jun 30 (Mon)	10:18 80	16:38 84S	22:55 277
2025 Jul 01 (Tue)	11:06 86	17:20 78S	23:30 270
2025 Jul 02 (Wed)	11:53 93	18:00 72S	
2025 Jul 03 (Thu)	12:39 99	18:40 66S	00:04 264
2025 Jul 04 (Fri)	13:26 104	19:21 61S	00:38 259
2025 Jul 05 (Sat)	14:14 109	20:04 56S	01:13 253
2025 Jul 06 (Sun)	15:04 114	20:50 52S	01:51 249
2025 Jul 07 (Mon)	15:57 117	21:39 49S	02:34 245
2025 Jul 08 (Tue)	16:51 119	22:31 47S	03:20 242
2025 Jul 09 (Wed)	17:46 119	23:26 47S	04:11 241
2025 Jul 10 (Thu)	18:39 118		05:06 241
2025 Jul 11 (Fri)	19:30 116	00:21 49S	06:03 243
2025 Jul 12 (Sat)	20:17 111	01:14 52S	07:01 246
2025 Jul 13 (Sun)	21:00 106	02:06 56S	07:57 251
2025 Jul 14 (Mon)	21:41 100	02:55 62S	08:52 257
2025 Jul 15 (Tue)	22:20 93	03:42 68S	09:46 264
2025 Jul 16 (Wed)	22:59 86	04:28 75S	10:39 271
2025 Jul 17 (Thu)	23:40 79	05:14 82S	11:34 278
2025 Jul 18 (Fri)		06:03 89S	12:30 284
2025 Jul 19 (Sat)	00:23 73	06:54 87N	13:29 290
2025 Jul 20 (Sun)	01:11 67	07:50 82N	14:32 295
2025 Jul 21 (Mon)	02:05 63	08:50 78N	15:37 298
2025 Jul 22 (Tue)	03:05 61	09:53 77N	16:42 299
2025 Jul 23 (Wed)	04:08 61	10:57 77N	17:43 298
2025 Jul 24 (Thu)	05:13 63	11:57 80N	18:39 295
2025 Jul 25 (Fri)	06:15 67	12:53 84N	19:28 291
2025 Jul 26 (Sat)	07:13 72	13:44 89N	20:12 285
2025 Jul 27 (Sun)	08:07 78	14:30 87S	20:51 279
2025 Jul 28 (Mon)	08:57 84	15:14 80S	21:27 273
2025 Jul 29 (Tue)	09:45 90	15:55 74S	22:01 267
2025 Jul 30 (Wed)	10:32 96	16:35 68S	22:35 261
2025 Jul 31 (Thu)	11:19 102	17:16 63S	23:10 255
2025 Aug 01 (Fri)	12:06 108	17:58 58S	23:47 250
2025 Aug 02 (Sat)	12:56 112	18:43 53S	
2025 Aug 03 (Sun)	13:48 116	19:31 50S	00:28 246
2025 Aug 04 (Mon)	14:41 118	20:22 48S	01:12 243
2025 Aug 05 (Tue)	15:36 120	21:15 47S	02:02 241
2025 Aug 06 (Wed)	16:30 119	22:10 48S	02:55 240
2025 Aug 07 (Thu)	17:22 117	23:05 50S	03:52 242
2025 Aug 08 (Fri)	18:11 113	23:58 54S	04:50 245
2025 Aug 09 (Sat)	18:56 108		05:47 249
2025 Aug 10 (Sun)	19:38 102	00:48 60S	06:44 255
2025 Aug 11 (Mon)	20:19 95	01:37 66S	07:39 261
2025 Aug 12 (Tue)	20:59 88	02:25 73S	08:34 268
2025 Aug 13 (Wed)	21:39 81	03:12 80S	09:29 276
2025 Aug 14 (Thu)	22:22 74	04:00 87S	10:25 283
2025 Aug 15 (Fri)	23:09 69	04:51 88N	11:24 289
2025 Aug 16 (Sat)		05:45 83N	12:25 294
2025 Aug 17 (Sun)	00:00 64	06:43 79N	13:29 298
2025 Aug 18 (Mon)	00:57 61	07:44 77N	14:33 299
2025 Aug 19 (Tue)	01:58 60	08:46 77N	15:34 299
2025 Aug 20 (Wed)	03:01 62	09:47 78N	16:31 297
2025 Aug 21 (Thu)	04:03 65	10:44 82N	17:21 293
2025 Aug 22 (Fri)	05:01 69	11:36 87N	18:06 288
2025 Aug 23 (Sat)	05:56 75	12:23 89S	18:46 282
2025 Aug 24 (Sun)	06:48 81	13:07 83S	19:23 276
2025 Aug 25 (Mon)	07:37 88	13:49 77S	19:58 269
2025 Aug 26 (Tue)	08:24 94	14:30 71S	20:33 263
2025 Aug 27 (Wed)	09:11 100	15:11 65S	21:07 257
2025 Aug 28 (Thu)	09:59 106	15:53 59S	21:44 252
2025 Aug 29 (Fri)	10:48 111	16:36 55S	22:23 247

2025 Aug 30 (Sat)	11:38 115	17:23 51S	23:06 244
2025 Aug 31 (Sun)	12:31 118	18:12 48S	23:52 241
2025 Sep 01 (Mon)	13:25 119	19:04 47S	
2025 Sep 02 (Tue)	14:18 120	19:58 47S	00:44 240
2025 Sep 03 (Wed)	15:11 118	20:52 49S	01:38 241
2025 Sep 04 (Thu)	16:01 115	21:46 52S	02:35 243
2025 Sep 05 (Fri)	16:48 111	22:37 57S	03:33 247
2025 Sep 06 (Sat)	17:31 105	23:27 63S	04:30 252
2025 Sep 07 (Sun)	18:13 98		05:27 258
2025 Sep 08 (Mon)	18:54 91	00:16 70S	06:23 265
2025 Sep 09 (Tue)	19:35 84	01:04 77S	07:19 273
2025 Sep 10 (Wed)	20:18 77	01:54 84S	08:16 280
2025 Sep 11 (Thu)	21:05 70	02:45 90N	09:16 287
2025 Sep 12 (Fri)	21:56 65	03:39 85N	10:18 293
2025 Sep 13 (Sat)	22:52 62	04:38 80N	11:22 297
2025 Sep 14 (Sun)	23:52 60	05:39 77N	12:27 299
2025 Sep 15 (Mon)		06:41 76N	13:29 299
2025 Sep 16 (Tue)	00:54 61	07:41 78N	14:26 298
2025 Sep 17 (Wed)	01:56 64	08:38 80N	15:18 294
2025 Sep 18 (Thu)	02:54 68	09:31 85N	16:04 290
2025 Sep 19 (Fri)	03:50 73	10:19 90N	16:45 284
2025 Sep 20 (Sat)	04:42 79	11:04 85S	17:22 278
2025 Sep 21 (Sun)	05:31 85	11:46 79S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:27 73S	18:32 265
2025 Sep 23 (Tue)	07:05 98	13:07 67S	19:06 259
2025 Sep 24 (Wed)	07:53 103	13:49 62S	19:42 254
2025 Sep 25 (Thu)	08:41 109	14:32 57S	20:20 249
2025 Sep 26 (Fri)	09:31 113	15:17 52S	21:01 245
2025 Sep 27 (Sat)	10:23 117	16:05 49S	21:46 242
2025 Sep 28 (Sun)	11:15 119	16:55 47S	22:35 241
2025 Sep 29 (Mon)	12:09 120	17:48 47S	23:27 240
2025 Sep 30 (Tue)	13:01 119	18:41 48S	
2025 Oct 01 (Wed)	13:51 117	19:33 51S	00:22 242
2025 Oct 02 (Thu)	14:38 113	20:25 55S	01:18 245
2025 Oct 03 (Fri)	15:22 108	21:15 60S	02:15 249
2025 Oct 04 (Sat)	16:04 102	22:04 66S	03:11 255
2025 Oct 05 (Sun)	16:45 95	22:52 73S	04:06 262
2025 Oct 06 (Mon)	17:27 87	23:41 81S	05:02 269
2025 Oct 07 (Tue)	18:10 80		06:00 276
2025 Oct 08 (Wed)	18:56 73	00:33 88S	07:00 284
2025 Oct 09 (Thu)	19:47 67	01:27 87N	08:03 290
2025 Oct 10 (Fri)	20:43 63	02:26 82N	09:09 295
2025 Oct 11 (Sat)	21:44 61	03:28 78N	10:16 299
2025 Oct 12 (Sun)	22:47 61	04:32 76N	11:21 300
2025 Oct 13 (Mon)	23:50 63	05:35 77N	12:21 298
2025 Oct 14 (Tue)		06:34 79N	13:15 295
2025 Oct 15 (Wed)	00:50 66	07:28 83N	14:03 291
2025 Oct 16 (Thu)	01:46 71	08:17 88N	14:45 286
2025 Oct 17 (Fri)	02:38 77	09:02 87S	15:23 280
2025 Oct 18 (Sat)	03:28 83	09:45 81S	15:58 274
2025 Oct 19 (Sun)	04:15 89	10:25 75S	16:32 268
2025 Oct 20 (Mon)	05:02 96	11:06 69S	17:06 262
2025 Oct 21 (Tue)	05:48 101	11:46 63S	17:42 256
2025 Oct 22 (Wed)	06:36 107	12:29 58S	18:19 251
2025 Oct 23 (Thu)	07:25 112	13:13 54S	18:59 246
2025 Oct 24 (Fri)	08:17 115	14:00 50S	19:42 243
2025 Oct 25 (Sat)	09:09 118	14:50 48S	20:30 241
2025 Oct 26 (Sun)	10:02 119	15:41 47S	21:20 240
2025 Oct 27 (Mon)	10:54 119	16:33 48S	22:14 241
2025 Oct 28 (Tue)	11:43 118	17:25 50S	23:08 244
2025 Oct 29 (Wed)	12:30 114	18:16 53S	
2025 Oct 30 (Thu)	13:14 110	19:04 58S	00:03 247
2025 Oct 31 (Fri)	13:56 105	19:52 63S	00:57 252
2025 Nov 01 (Sat)	14:36 98	20:39 70S	01:51 258
2025 Nov 02 (Sun)	15:16 91	21:27 77S	02:45 265
2025 Nov 03 (Mon)	15:58 84	22:16 84S	03:41 273
2025 Nov 04 (Tue)	16:42 77	23:09 90N	04:39 280
2025 Nov 05 (Wed)	17:31 70		05:40 287
2025 Nov 06 (Thu)	18:26 65	00:07 84N	06:46 293
2025 Nov 07 (Fri)	19:27 62	01:09 80N	07:55 297
2025 Nov 08 (Sat)	20:32 61	02:15 77N	09:04 299
2025 Nov 09 (Sun)	21:38 62	03:21 77N	10:09 299

2025 Nov 10 (Mon)	22:41 65	04:24 79N	11:08 297
2025 Nov 11 (Tue)	23:40 70	05:22 82N	11:59 293
2025 Nov 12 (Wed)		06:14 87N	12:44 287
2025 Nov 13 (Thu)	00:34 75	07:01 89S	13:24 282
2025 Nov 14 (Fri)	01:25 81	07:44 83S	14:00 276
2025 Nov 15 (Sat)	02:13 88	08:25 77S	14:34 269
2025 Nov 16 (Sun)	02:59 94	09:05 71S	15:08 263
2025 Nov 17 (Mon)	03:46 100	09:46 65S	15:42 258
2025 Nov 18 (Tue)	04:33 105	10:27 60S	16:19 252
2025 Nov 19 (Wed)	05:22 110	11:11 55S	16:58 248
2025 Nov 20 (Thu)	06:12 114	11:57 51S	17:40 244
2025 Nov 21 (Fri)	07:04 117	12:46 49S	18:26 242
2025 Nov 22 (Sat)	07:57 119	13:37 47S	19:16 241
2025 Nov 23 (Sun)	08:49 119	14:29 48S	20:09 241
2025 Nov 24 (Mon)	09:40 118	15:21 49S	21:03 243
2025 Nov 25 (Tue)	10:27 115	16:11 52S	21:57 246
2025 Nov 26 (Wed)	11:11 111	16:59 56S	22:50 251
2025 Nov 27 (Thu)	11:52 106	17:46 61S	23:42 256
2025 Nov 28 (Fri)	12:32 101	18:31 67S	
2025 Nov 29 (Sat)	13:10 94	19:17 74S	00:34 263
2025 Nov 30 (Sun)	13:49 87	20:03 81S	01:27 269
2025 Dec 01 (Mon)	14:30 80	20:53 88S	02:22 276
2025 Dec 02 (Tue)	15:16 73	21:47 87N	03:19 283
2025 Dec 03 (Wed)	16:07 68	22:46 82N	04:22 290
2025 Dec 04 (Thu)	17:04 63	23:50 78N	05:28 295
2025 Dec 05 (Fri)	18:08 61		06:38 298
2025 Dec 06 (Sat)	19:16 61	00:58 77N	07:47 299
2025 Dec 07 (Sun)	20:23 64	02:05 78N	08:51 298
2025 Dec 08 (Mon)	21:27 68	03:07 80N	09:48 294
2025 Dec 09 (Tue)	22:25 73	04:04 85N	10:37 289
2025 Dec 10 (Wed)	23:19 79	04:54 90N	11:20 284
2025 Dec 11 (Thu)		05:40 85S	11:59 277
2025 Dec 12 (Fri)	00:09 86	06:23 79S	12:34 271
2025 Dec 13 (Sat)	00:56 92	07:04 73S	13:09 265
2025 Dec 14 (Sun)	01:43 98	07:44 67S	13:43 259
2025 Dec 15 (Mon)	02:30 104	08:25 61S	14:19 254
2025 Dec 16 (Tue)	03:18 109	09:08 57S	14:57 249
2025 Dec 17 (Wed)	04:08 113	09:54 53S	15:38 245
2025 Dec 18 (Thu)	04:59 116	10:42 50S	16:23 242
2025 Dec 19 (Fri)	05:52 119	11:32 48S	17:12 241
2025 Dec 20 (Sat)	06:45 119	12:25 47S	18:04 241
2025 Dec 21 (Sun)	07:36 118	13:17 49S	18:59 242
2025 Dec 22 (Mon)	08:25 116	14:08 51S	19:53 245
2025 Dec 23 (Tue)	09:10 113	14:57 55S	20:47 249
2025 Dec 24 (Wed)	09:52 108	15:44 60S	21:39 255
2025 Dec 25 (Thu)	10:31 102	16:29 65S	22:30 261
2025 Dec 26 (Fri)	11:09 96	17:13 72S	23:21 267
2025 Dec 27 (Sat)	11:47 89	17:58 78S	
2025 Dec 28 (Sun)	12:25 83	18:44 85S	00:13 274
2025 Dec 29 (Mon)	13:07 76	19:34 90N	01:07 281
2025 Dec 30 (Tue)	13:53 70	20:29 84N	02:05 287
2025 Dec 31 (Wed)	14:46 65	21:28 80N	03:07 293