

Sun

Sukhothai

Location: E 99°49'19.2", N17°00'43.2", 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)	06:00	06:50	114	12:24 51S	17:58	246	18:49
2025	Jan	02 (Thu)	06:00	06:51	114	12:25 51S	17:59	246	18:49
2025	Jan	03 (Fri)	06:00	06:51	114	12:25 51S	18:00	246	18:50
2025	Jan	04 (Sat)	06:01	06:51	114	12:26 51S	18:00	247	18:51
2025	Jan	05 (Sun)	06:01	06:51	113	12:26 51S	18:01	247	18:51
2025	Jan	06 (Mon)	06:01	06:52	113	12:27 51S	18:01	247	18:52
2025	Jan	07 (Tue)	06:02	06:52	113	12:27 51S	18:02	247	18:52
2025	Jan	08 (Wed)	06:02	06:52	113	12:27 51S	18:03	247	18:53
2025	Jan	09 (Thu)	06:02	06:52	113	12:28 52S	18:03	247	18:53
2025	Jan	10 (Fri)	06:03	06:53	113	12:28 52S	18:04	247	18:54
2025	Jan	11 (Sat)	06:03	06:53	113	12:29 52S	18:04	248	18:54
2025	Jan	12 (Sun)	06:03	06:53	112	12:29 52S	18:05	248	18:55
2025	Jan	13 (Mon)	06:03	06:53	112	12:29 52S	18:06	248	18:56
2025	Jan	14 (Tue)	06:03	06:53	112	12:30 52S	18:06	248	18:56
2025	Jan	15 (Wed)	06:04	06:53	112	12:30 53S	18:07	248	18:57
2025	Jan	16 (Thu)	06:04	06:53	112	12:30 53S	18:08	248	18:57
2025	Jan	17 (Fri)	06:04	06:54	111	12:31 53S	18:08	249	18:58
2025	Jan	18 (Sat)	06:04	06:54	111	12:31 53S	18:09	249	18:58
2025	Jan	19 (Sun)	06:04	06:54	111	12:31 53S	18:09	249	18:59
2025	Jan	20 (Mon)	06:04	06:54	111	12:32 54S	18:10	249	18:59
2025	Jan	21 (Tue)	06:04	06:54	111	12:32 54S	18:11	250	19:00
2025	Jan	22 (Wed)	06:04	06:54	110	12:32 54S	18:11	250	19:00
2025	Jan	23 (Thu)	06:04	06:54	110	12:33 54S	18:12	250	19:01
2025	Jan	24 (Fri)	06:04	06:53	110	12:33 55S	18:12	250	19:01
2025	Jan	25 (Sat)	06:04	06:53	110	12:33 55S	18:13	251	19:02
2025	Jan	26 (Sun)	06:04	06:53	109	12:33 55S	18:13	251	19:02
2025	Jan	27 (Mon)	06:04	06:53	109	12:33 55S	18:14	251	19:03
2025	Jan	28 (Tue)	06:04	06:53	109	12:34 56S	18:14	251	19:03
2025	Jan	29 (Wed)	06:04	06:53	109	12:34 56S	18:15	252	19:04
2025	Jan	30 (Thu)	06:04	06:53	108	12:34 56S	18:16	252	19:04
2025	Jan	31 (Fri)	06:04	06:52	108	12:34 56S	18:16	252	19:05
2025	Feb	01 (Sat)	06:04	06:52	108	12:34 57S	18:17	253	19:05
2025	Feb	02 (Sun)	06:03	06:52	107	12:34 57S	18:17	253	19:06
2025	Feb	03 (Mon)	06:03	06:52	107	12:35 57S	18:18	253	19:06
2025	Feb	04 (Tue)	06:03	06:51	107	12:35 58S	18:18	253	19:06
2025	Feb	05 (Wed)	06:03	06:51	106	12:35 58S	18:19	254	19:07
2025	Feb	06 (Thu)	06:03	06:51	106	12:35 58S	18:19	254	19:07
2025	Feb	07 (Fri)	06:02	06:50	106	12:35 58S	18:19	254	19:08
2025	Feb	08 (Sat)	06:02	06:50	105	12:35 59S	18:20	255	19:08
2025	Feb	09 (Sun)	06:02	06:50	105	12:35 59S	18:20	255	19:08
2025	Feb	10 (Mon)	06:01	06:49	105	12:35 59S	18:21	255	19:09
2025	Feb	11 (Tue)	06:01	06:49	104	12:35 60S	18:21	256	19:09
2025	Feb	12 (Wed)	06:01	06:48	104	12:35 60S	18:22	256	19:09
2025	Feb	13 (Thu)	06:00	06:48	104	12:35 60S	18:22	256	19:10
2025	Feb	14 (Fri)	06:00	06:47	103	12:35 61S	18:22	257	19:10
2025	Feb	15 (Sat)	05:59	06:47	103	12:35 61S	18:23	257	19:10
2025	Feb	16 (Sun)	05:59	06:47	103	12:35 61S	18:23	258	19:11
2025	Feb	17 (Mon)	05:58	06:46	102	12:35 62S	18:24	258	19:11
2025	Feb	18 (Tue)	05:58	06:45	102	12:35 62S	18:24	258	19:11
2025	Feb	19 (Wed)	05:58	06:45	102	12:34 63S	18:24	259	19:12
2025	Feb	20 (Thu)	05:57	06:44	101	12:34 63S	18:25	259	19:12
2025	Feb	21 (Fri)	05:57	06:44	101	12:34 63S	18:25	259	19:12
2025	Feb	22 (Sat)	05:56	06:43	100	12:34 64S	18:25	260	19:13
2025	Feb	23 (Sun)	05:55	06:43	100	12:34 64S	18:26	260	19:13
2025	Feb	24 (Mon)	05:55	06:42	100	12:34 64S	18:26	261	19:13
2025	Feb	25 (Tue)	05:54	06:41	99	12:34 65S	18:26	261	19:13
2025	Feb	26 (Wed)	05:54	06:41	99	12:34 65S	18:27	261	19:14
2025	Feb	27 (Thu)	05:53	06:40	98	12:33 65S	18:27	262	19:14
2025	Feb	28 (Fri)	05:53	06:40	98	12:33 66S	18:27	262	19:14
2025	Mar	01 (Sat)	05:52	06:39	98	12:33 66S	18:27	263	19:14

2025	Mar	02	(Sun)	05:51	06:38	97	12:33	67S	18:28	263	19:15
2025	Mar	03	(Mon)	05:51	06:38	97	12:33	67S	18:28	263	19:15
2025	Mar	04	(Tue)	05:50	06:37	96	12:32	67S	18:28	264	19:15
2025	Mar	05	(Wed)	05:49	06:36	96	12:32	68S	18:28	264	19:15
2025	Mar	06	(Thu)	05:49	06:35	96	12:32	68S	18:29	265	19:15
2025	Mar	07	(Fri)	05:48	06:35	95	12:32	69S	18:29	265	19:16
2025	Mar	08	(Sat)	05:47	06:34	95	12:31	69S	18:29	265	19:16
2025	Mar	09	(Sun)	05:47	06:33	94	12:31	69S	18:29	266	19:16
2025	Mar	10	(Mon)	05:46	06:33	94	12:31	70S	18:30	266	19:16
2025	Mar	11	(Tue)	05:45	06:32	94	12:31	70S	18:30	267	19:17
2025	Mar	12	(Wed)	05:44	06:31	93	12:30	70S	18:30	267	19:17
2025	Mar	13	(Thu)	05:44	06:30	93	12:30	71S	18:30	267	19:17
2025	Mar	14	(Fri)	05:43	06:30	92	12:30	71S	18:30	268	19:17
2025	Mar	15	(Sat)	05:42	06:29	92	12:30	72S	18:31	268	19:17
2025	Mar	16	(Sun)	05:41	06:28	92	12:29	72S	18:31	269	19:18
2025	Mar	17	(Mon)	05:41	06:27	91	12:29	72S	18:31	269	19:18
2025	Mar	18	(Tue)	05:40	06:27	91	12:29	73S	18:31	269	19:18
2025	Mar	19	(Wed)	05:39	06:26	90	12:28	73S	18:31	270	19:18
2025	Mar	20	(Thu)	05:38	06:25	90	12:28	74S	18:32	270	19:18
2025	Mar	21	(Fri)	05:37	06:24	89	12:28	74S	18:32	271	19:19
2025	Mar	22	(Sat)	05:37	06:23	89	12:28	74S	18:32	271	19:19
2025	Mar	23	(Sun)	05:36	06:23	89	12:27	75S	18:32	272	19:19
2025	Mar	24	(Mon)	05:35	06:22	88	12:27	75S	18:32	272	19:19
2025	Mar	25	(Tue)	05:34	06:21	88	12:27	76S	18:33	272	19:19
2025	Mar	26	(Wed)	05:33	06:20	87	12:26	76S	18:33	273	19:20
2025	Mar	27	(Thu)	05:33	06:19	87	12:26	76S	18:33	273	19:20
2025	Mar	28	(Fri)	05:32	06:19	87	12:26	77S	18:33	274	19:20
2025	Mar	29	(Sat)	05:31	06:18	86	12:25	77S	18:33	274	19:20
2025	Mar	30	(Sun)	05:30	06:17	86	12:25	78S	18:33	274	19:20
2025	Mar	31	(Mon)	05:29	06:16	85	12:25	78S	18:34	275	19:21
2025	Apr	01	(Tue)	05:29	06:16	85	12:25	78S	18:34	275	19:21
2025	Apr	02	(Wed)	05:28	06:15	85	12:24	79S	18:34	276	19:21
2025	Apr	03	(Thu)	05:27	06:14	84	12:24	79S	18:34	276	19:21
2025	Apr	04	(Fri)	05:26	06:13	84	12:24	79S	18:34	276	19:22
2025	Apr	05	(Sat)	05:25	06:13	83	12:23	80S	18:35	277	19:22
2025	Apr	06	(Sun)	05:25	06:12	83	12:23	80S	18:35	277	19:22
2025	Apr	07	(Mon)	05:24	06:11	83	12:23	81S	18:35	278	19:22
2025	Apr	08	(Tue)	05:23	06:10	82	12:23	81S	18:35	278	19:23
2025	Apr	09	(Wed)	05:22	06:10	82	12:22	81S	18:35	278	19:23
2025	Apr	10	(Thu)	05:21	06:09	81	12:22	82S	18:35	279	19:23
2025	Apr	11	(Fri)	05:21	06:08	81	12:22	82S	18:36	279	19:23
2025	Apr	12	(Sat)	05:20	06:07	81	12:21	82S	18:36	280	19:24
2025	Apr	13	(Sun)	05:19	06:07	80	12:21	83S	18:36	280	19:24
2025	Apr	14	(Mon)	05:18	06:06	80	12:21	83S	18:36	280	19:24
2025	Apr	15	(Tue)	05:17	06:05	80	12:21	84S	18:37	281	19:24
2025	Apr	16	(Wed)	05:17	06:05	79	12:20	84S	18:37	281	19:25
2025	Apr	17	(Thu)	05:16	06:04	79	12:20	84S	18:37	281	19:25
2025	Apr	18	(Fri)	05:15	06:03	78	12:20	85S	18:37	282	19:25
2025	Apr	19	(Sat)	05:14	06:02	78	12:20	85S	18:37	282	19:26
2025	Apr	20	(Sun)	05:14	06:02	78	12:20	85S	18:38	282	19:26
2025	Apr	21	(Mon)	05:13	06:01	77	12:19	86S	18:38	283	19:26
2025	Apr	22	(Tue)	05:12	06:01	77	12:19	86S	18:38	283	19:27
2025	Apr	23	(Wed)	05:11	06:00	77	12:19	86S	18:38	284	19:27
2025	Apr	24	(Thu)	05:11	05:59	76	12:19	87S	18:39	284	19:27
2025	Apr	25	(Fri)	05:10	05:59	76	12:19	87S	18:39	284	19:28
2025	Apr	26	(Sat)	05:09	05:58	76	12:19	87S	18:39	285	19:28
2025	Apr	27	(Sun)	05:09	05:58	75	12:18	88S	18:39	285	19:28
2025	Apr	28	(Mon)	05:08	05:57	75	12:18	88S	18:40	285	19:29
2025	Apr	29	(Tue)	05:07	05:56	75	12:18	88S	18:40	286	19:29
2025	Apr	30	(Wed)	05:07	05:56	74	12:18	89S	18:40	286	19:29
2025	May	01	(Thu)	05:06	05:55	74	12:18	89S	18:41	286	19:30
2025	May	02	(Fri)	05:06	05:55	74	12:18	89S	18:41	287	19:30
2025	May	03	(Sat)	05:05	05:54	73	12:18	89S	18:41	287	19:30
2025	May	04	(Sun)	05:04	05:54	73	12:17	90S	18:41	287	19:31
2025	May	05	(Mon)	05:04	05:53	73	12:17	90S	18:42	287	19:31
2025	May	06	(Tue)	05:03	05:53	72	12:17	90S	18:42	288	19:32
2025	May	07	(Wed)	05:03	05:52	72	12:17	91S	18:42	288	19:32
2025	May	08	(Thu)	05:02	05:52	72	12:17	91N	18:43	288	19:32
2025	May	09	(Fri)	05:02	05:52	72	12:17	90N	18:43	289	19:33
2025	May	10	(Sat)	05:01	05:51	71	12:17	90N	18:43	289	19:33
2025	May	11	(Sun)	05:01	05:51	71	12:17	90N	18:44	289	19:34
2025	May	12	(Mon)	05:00	05:50	71	12:17	90N	18:44	289	19:34

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

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

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

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

Sun

Sukhothai

Location: E 99°49'19.2", N17°00'43.2", 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)	06:27	06:50	114	12:24 51S	17:58 246		18:22
2025	Jan 02	(Thu)	06:27	06:51	114	12:25 51S	17:59 246		18:22
2025	Jan 03	(Fri)	06:27	06:51	114	12:25 51S	18:00 246		18:23
2025	Jan 04	(Sat)	06:28	06:51	114	12:26 51S	18:00 247		18:24
2025	Jan 05	(Sun)	06:28	06:51	113	12:26 51S	18:01 247		18:24
2025	Jan 06	(Mon)	06:28	06:52	113	12:27 51S	18:01 247		18:25
2025	Jan 07	(Tue)	06:29	06:52	113	12:27 51S	18:02 247		18:25
2025	Jan 08	(Wed)	06:29	06:52	113	12:27 51S	18:03 247		18:26
2025	Jan 09	(Thu)	06:29	06:52	113	12:28 52S	18:03 247		18:27
2025	Jan 10	(Fri)	06:29	06:53	113	12:28 52S	18:04 247		18:27
2025	Jan 11	(Sat)	06:30	06:53	113	12:29 52S	18:04 248		18:28
2025	Jan 12	(Sun)	06:30	06:53	112	12:29 52S	18:05 248		18:28
2025	Jan 13	(Mon)	06:30	06:53	112	12:29 52S	18:06 248		18:29
2025	Jan 14	(Tue)	06:30	06:53	112	12:30 52S	18:06 248		18:29
2025	Jan 15	(Wed)	06:30	06:53	112	12:30 53S	18:07 248		18:30
2025	Jan 16	(Thu)	06:30	06:53	112	12:30 53S	18:08 248		18:31
2025	Jan 17	(Fri)	06:30	06:54	111	12:31 53S	18:08 249		18:31
2025	Jan 18	(Sat)	06:31	06:54	111	12:31 53S	18:09 249		18:32
2025	Jan 19	(Sun)	06:31	06:54	111	12:31 53S	18:09 249		18:32
2025	Jan 20	(Mon)	06:31	06:54	111	12:32 54S	18:10 249		18:33
2025	Jan 21	(Tue)	06:31	06:54	111	12:32 54S	18:11 250		18:33
2025	Jan 22	(Wed)	06:31	06:54	110	12:32 54S	18:11 250		18:34
2025	Jan 23	(Thu)	06:31	06:54	110	12:33 54S	18:12 250		18:35
2025	Jan 24	(Fri)	06:31	06:53	110	12:33 55S	18:12 250		18:35
2025	Jan 25	(Sat)	06:31	06:53	110	12:33 55S	18:13 251		18:36
2025	Jan 26	(Sun)	06:30	06:53	109	12:33 55S	18:13 251		18:36
2025	Jan 27	(Mon)	06:30	06:53	109	12:33 55S	18:14 251		18:37
2025	Jan 28	(Tue)	06:30	06:53	109	12:34 56S	18:14 251		18:37
2025	Jan 29	(Wed)	06:30	06:53	109	12:34 56S	18:15 252		18:38
2025	Jan 30	(Thu)	06:30	06:53	108	12:34 56S	18:16 252		18:38
2025	Jan 31	(Fri)	06:30	06:52	108	12:34 56S	18:16 252		18:39
2025	Feb 01	(Sat)	06:30	06:52	108	12:34 57S	18:17 253		18:39
2025	Feb 02	(Sun)	06:29	06:52	107	12:34 57S	18:17 253		18:40
2025	Feb 03	(Mon)	06:29	06:52	107	12:35 57S	18:18 253		18:40
2025	Feb 04	(Tue)	06:29	06:51	107	12:35 58S	18:18 253		18:40
2025	Feb 05	(Wed)	06:29	06:51	106	12:35 58S	18:19 254		18:41
2025	Feb 06	(Thu)	06:28	06:51	106	12:35 58S	18:19 254		18:41
2025	Feb 07	(Fri)	06:28	06:50	106	12:35 58S	18:19 254		18:42
2025	Feb 08	(Sat)	06:28	06:50	105	12:35 59S	18:20 255		18:42
2025	Feb 09	(Sun)	06:27	06:50	105	12:35 59S	18:20 255		18:43
2025	Feb 10	(Mon)	06:27	06:49	105	12:35 59S	18:21 255		18:43
2025	Feb 11	(Tue)	06:27	06:49	104	12:35 60S	18:21 256		18:43

2025	Feb	12	(Wed)	06:26	06:48	104	12:35	60S	18:22	256	18:44
2025	Feb	13	(Thu)	06:26	06:48	104	12:35	60S	18:22	256	18:44
2025	Feb	14	(Fri)	06:25	06:47	103	12:35	61S	18:22	257	18:45
2025	Feb	15	(Sat)	06:25	06:47	103	12:35	61S	18:23	257	18:45
2025	Feb	16	(Sun)	06:24	06:47	103	12:35	61S	18:23	258	18:45
2025	Feb	17	(Mon)	06:24	06:46	102	12:35	62S	18:24	258	18:46
2025	Feb	18	(Tue)	06:23	06:45	102	12:35	62S	18:24	258	18:46
2025	Feb	19	(Wed)	06:23	06:45	102	12:34	63S	18:24	259	18:46
2025	Feb	20	(Thu)	06:22	06:44	101	12:34	63S	18:25	259	18:47
2025	Feb	21	(Fri)	06:22	06:44	101	12:34	63S	18:25	259	18:47
2025	Feb	22	(Sat)	06:21	06:43	100	12:34	64S	18:25	260	18:47
2025	Feb	23	(Sun)	06:21	06:43	100	12:34	64S	18:26	260	18:47
2025	Feb	24	(Mon)	06:20	06:42	100	12:34	64S	18:26	261	18:48
2025	Feb	25	(Tue)	06:20	06:41	99	12:34	65S	18:26	261	18:48
2025	Feb	26	(Wed)	06:19	06:41	99	12:34	65S	18:27	261	18:48
2025	Feb	27	(Thu)	06:18	06:40	98	12:33	65S	18:27	262	18:49
2025	Feb	28	(Fri)	06:18	06:40	98	12:33	66S	18:27	262	18:49
2025	Mar	01	(Sat)	06:17	06:39	98	12:33	66S	18:27	263	18:49
2025	Mar	02	(Sun)	06:16	06:38	97	12:33	67S	18:28	263	18:49
2025	Mar	03	(Mon)	06:16	06:38	97	12:33	67S	18:28	263	18:50
2025	Mar	04	(Tue)	06:15	06:37	96	12:32	67S	18:28	264	18:50
2025	Mar	05	(Wed)	06:14	06:36	96	12:32	68S	18:28	264	18:50
2025	Mar	06	(Thu)	06:14	06:35	96	12:32	68S	18:29	265	18:50
2025	Mar	07	(Fri)	06:13	06:35	95	12:32	69S	18:29	265	18:51
2025	Mar	08	(Sat)	06:12	06:34	95	12:31	69S	18:29	265	18:51
2025	Mar	09	(Sun)	06:12	06:33	94	12:31	69S	18:29	266	18:51
2025	Mar	10	(Mon)	06:11	06:33	94	12:31	70S	18:30	266	18:51
2025	Mar	11	(Tue)	06:10	06:32	94	12:31	70S	18:30	267	18:51
2025	Mar	12	(Wed)	06:09	06:31	93	12:30	70S	18:30	267	18:52
2025	Mar	13	(Thu)	06:09	06:30	93	12:30	71S	18:30	267	18:52
2025	Mar	14	(Fri)	06:08	06:30	92	12:30	71S	18:30	268	18:52
2025	Mar	15	(Sat)	06:07	06:29	92	12:30	72S	18:31	268	18:52
2025	Mar	16	(Sun)	06:06	06:28	92	12:29	72S	18:31	269	18:52
2025	Mar	17	(Mon)	06:06	06:27	91	12:29	72S	18:31	269	18:53
2025	Mar	18	(Tue)	06:05	06:27	91	12:29	73S	18:31	269	18:53
2025	Mar	19	(Wed)	06:04	06:26	90	12:28	73S	18:31	270	18:53
2025	Mar	20	(Thu)	06:03	06:25	90	12:28	74S	18:32	270	18:53
2025	Mar	21	(Fri)	06:03	06:24	89	12:28	74S	18:32	271	18:53
2025	Mar	22	(Sat)	06:02	06:23	89	12:28	74S	18:32	271	18:54
2025	Mar	23	(Sun)	06:01	06:23	89	12:27	75S	18:32	272	18:54
2025	Mar	24	(Mon)	06:00	06:22	88	12:27	75S	18:32	272	18:54
2025	Mar	25	(Tue)	05:59	06:21	88	12:27	76S	18:33	272	18:54
2025	Mar	26	(Wed)	05:59	06:20	87	12:26	76S	18:33	273	18:54
2025	Mar	27	(Thu)	05:58	06:19	87	12:26	76S	18:33	273	18:55
2025	Mar	28	(Fri)	05:57	06:19	87	12:26	77S	18:33	274	18:55
2025	Mar	29	(Sat)	05:56	06:18	86	12:25	77S	18:33	274	18:55
2025	Mar	30	(Sun)	05:55	06:17	86	12:25	78S	18:33	274	18:55
2025	Mar	31	(Mon)	05:55	06:16	85	12:25	78S	18:34	275	18:55
2025	Apr	01	(Tue)	05:54	06:16	85	12:25	78S	18:34	275	18:56
2025	Apr	02	(Wed)	05:53	06:15	85	12:24	79S	18:34	276	18:56
2025	Apr	03	(Thu)	05:52	06:14	84	12:24	79S	18:34	276	18:56
2025	Apr	04	(Fri)	05:52	06:13	84	12:24	79S	18:34	276	18:56
2025	Apr	05	(Sat)	05:51	06:13	83	12:23	80S	18:35	277	18:56
2025	Apr	06	(Sun)	05:50	06:12	83	12:23	80S	18:35	277	18:57
2025	Apr	07	(Mon)	05:49	06:11	83	12:23	81S	18:35	278	18:57
2025	Apr	08	(Tue)	05:48	06:10	82	12:23	81S	18:35	278	18:57
2025	Apr	09	(Wed)	05:48	06:10	82	12:22	81S	18:35	278	18:57
2025	Apr	10	(Thu)	05:47	06:09	81	12:22	82S	18:35	279	18:57
2025	Apr	11	(Fri)	05:46	06:08	81	12:22	82S	18:36	279	18:58
2025	Apr	12	(Sat)	05:45	06:07	81	12:21	82S	18:36	280	18:58
2025	Apr	13	(Sun)	05:45	06:07	80	12:21	83S	18:36	280	18:58
2025	Apr	14	(Mon)	05:44	06:06	80	12:21	83S	18:36	280	18:58
2025	Apr	15	(Tue)	05:43	06:05	80	12:21	84S	18:37	281	18:59
2025	Apr	16	(Wed)	05:42	06:05	79	12:20	84S	18:37	281	18:59
2025	Apr	17	(Thu)	05:42	06:04	79	12:20	84S	18:37	281	18:59
2025	Apr	18	(Fri)	05:41	06:03	78	12:20	85S	18:37	282	18:59
2025	Apr	19	(Sat)	05:40	06:02	78	12:20	85S	18:37	282	19:00
2025	Apr	20	(Sun)	05:40	06:02	78	12:20	85S	18:38	282	19:00
2025	Apr	21	(Mon)	05:39	06:01	77	12:19	86S	18:38	283	19:00
2025	Apr	22	(Tue)	05:38	06:01	77	12:19	86S	18:38	283	19:00
2025	Apr	23	(Wed)	05:38	06:00	77	12:19	86S	18:38	284	19:01
2025	Apr	24	(Thu)	05:37	05:59	76	12:19	87S	18:39	284	19:01

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

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

2025	Sep	16	(Tue)	05:47	06:09	87	12:16	76S	18:22	273	18:44
2025	Sep	17	(Wed)	05:47	06:09	87	12:15	76S	18:21	272	18:43
2025	Sep	18	(Thu)	05:48	06:09	88	12:15	75S	18:20	272	18:42
2025	Sep	19	(Fri)	05:48	06:09	88	12:15	75S	18:19	272	18:41
2025	Sep	20	(Sat)	05:48	06:09	89	12:14	75S	18:19	271	18:40
2025	Sep	21	(Sun)	05:48	06:10	89	12:14	74S	18:18	271	18:39
2025	Sep	22	(Mon)	05:48	06:10	89	12:13	74S	18:17	270	18:39
2025	Sep	23	(Tue)	05:48	06:10	90	12:13	74S	18:16	270	18:38
2025	Sep	24	(Wed)	05:48	06:10	90	12:13	73S	18:15	270	18:37
2025	Sep	25	(Thu)	05:48	06:10	91	12:12	73S	18:15	269	18:36
2025	Sep	26	(Fri)	05:49	06:10	91	12:12	72S	18:14	269	18:35
2025	Sep	27	(Sat)	05:49	06:10	91	12:12	72S	18:13	268	18:34
2025	Sep	28	(Sun)	05:49	06:10	92	12:11	72S	18:12	268	18:34
2025	Sep	29	(Mon)	05:49	06:11	92	12:11	71S	18:11	268	18:33
2025	Sep	30	(Tue)	05:49	06:11	93	12:11	71S	18:10	267	18:32
2025	Oct	01	(Wed)	05:49	06:11	93	12:10	70S	18:10	267	18:31
2025	Oct	02	(Thu)	05:49	06:11	93	12:10	70S	18:09	266	18:30
2025	Oct	03	(Fri)	05:50	06:11	94	12:10	70S	18:08	266	18:30
2025	Oct	04	(Sat)	05:50	06:11	94	12:09	69S	18:07	266	18:29
2025	Oct	05	(Sun)	05:50	06:12	95	12:09	69S	18:07	265	18:28
2025	Oct	06	(Mon)	05:50	06:12	95	12:09	68S	18:06	265	18:27
2025	Oct	07	(Tue)	05:50	06:12	96	12:09	68S	18:05	264	18:27
2025	Oct	08	(Wed)	05:50	06:12	96	12:08	68S	18:04	264	18:26
2025	Oct	09	(Thu)	05:51	06:12	96	12:08	67S	18:03	264	18:25
2025	Oct	10	(Fri)	05:51	06:12	97	12:08	67S	18:03	263	18:24
2025	Oct	11	(Sat)	05:51	06:13	97	12:07	67S	18:02	263	18:24
2025	Oct	12	(Sun)	05:51	06:13	97	12:07	66S	18:01	262	18:23
2025	Oct	13	(Mon)	05:51	06:13	98	12:07	66S	18:01	262	18:22
2025	Oct	14	(Tue)	05:52	06:13	98	12:07	65S	18:00	262	18:22
2025	Oct	15	(Wed)	05:52	06:14	99	12:07	65S	17:59	261	18:21
2025	Oct	16	(Thu)	05:52	06:14	99	12:06	65S	17:59	261	18:20
2025	Oct	17	(Fri)	05:52	06:14	99	12:06	64S	17:58	260	18:20
2025	Oct	18	(Sat)	05:52	06:14	100	12:06	64S	17:57	260	18:19
2025	Oct	19	(Sun)	05:53	06:15	100	12:06	64S	17:57	260	18:19
2025	Oct	20	(Mon)	05:53	06:15	101	12:06	63S	17:56	259	18:18
2025	Oct	21	(Tue)	05:53	06:15	101	12:05	63S	17:55	259	18:17
2025	Oct	22	(Wed)	05:53	06:15	101	12:05	63S	17:55	259	18:17
2025	Oct	23	(Thu)	05:54	06:16	102	12:05	62S	17:54	258	18:16
2025	Oct	24	(Fri)	05:54	06:16	102	12:05	62S	17:54	258	18:16
2025	Oct	25	(Sat)	05:54	06:16	102	12:05	62S	17:53	257	18:15
2025	Oct	26	(Sun)	05:55	06:17	103	12:05	61S	17:53	257	18:15
2025	Oct	27	(Mon)	05:55	06:17	103	12:05	61S	17:52	257	18:14
2025	Oct	28	(Tue)	05:55	06:17	103	12:05	60S	17:52	256	18:14
2025	Oct	29	(Wed)	05:55	06:18	104	12:04	60S	17:51	256	18:13
2025	Oct	30	(Thu)	05:56	06:18	104	12:04	60S	17:51	256	18:13
2025	Oct	31	(Fri)	05:56	06:18	105	12:04	60S	17:50	255	18:12
2025	Nov	01	(Sat)	05:57	06:19	105	12:04	59S	17:50	255	18:12
2025	Nov	02	(Sun)	05:57	06:19	105	12:04	59S	17:49	255	18:12
2025	Nov	03	(Mon)	05:57	06:20	106	12:04	59S	17:49	254	18:11
2025	Nov	04	(Tue)	05:58	06:20	106	12:04	58S	17:48	254	18:11
2025	Nov	05	(Wed)	05:58	06:20	106	12:04	58S	17:48	254	18:10
2025	Nov	06	(Thu)	05:58	06:21	106	12:04	58S	17:48	253	18:10
2025	Nov	07	(Fri)	05:59	06:21	107	12:04	57S	17:47	253	18:10
2025	Nov	08	(Sat)	05:59	06:22	107	12:04	57S	17:47	253	18:10
2025	Nov	09	(Sun)	06:00	06:22	107	12:05	57S	17:47	252	18:09
2025	Nov	10	(Mon)	06:00	06:23	108	12:05	56S	17:46	252	18:09
2025	Nov	11	(Tue)	06:00	06:23	108	12:05	56S	17:46	252	18:09
2025	Nov	12	(Wed)	06:01	06:24	108	12:05	56S	17:46	252	18:09
2025	Nov	13	(Thu)	06:01	06:24	109	12:05	56S	17:46	251	18:08
2025	Nov	14	(Fri)	06:02	06:25	109	12:05	55S	17:46	251	18:08
2025	Nov	15	(Sat)	06:02	06:25	109	12:05	55S	17:45	251	18:08
2025	Nov	16	(Sun)	06:03	06:26	109	12:05	55S	17:45	251	18:08
2025	Nov	17	(Mon)	06:03	06:26	110	12:06	55S	17:45	250	18:08
2025	Nov	18	(Tue)	06:04	06:27	110	12:06	54S	17:45	250	18:08
2025	Nov	19	(Wed)	06:04	06:27	110	12:06	54S	17:45	250	18:08
2025	Nov	20	(Thu)	06:05	06:28	110	12:06	54S	17:45	250	18:08
2025	Nov	21	(Fri)	06:05	06:28	111	12:07	54S	17:45	249	18:08
2025	Nov	22	(Sat)	06:06	06:29	111	12:07	54S	17:45	249	18:08
2025	Nov	23	(Sun)	06:06	06:29	111	12:07	53S	17:45	249	18:08
2025	Nov	24	(Mon)	06:07	06:30	111	12:07	53S	17:45	249	18:08
2025	Nov	25	(Tue)	06:07	06:30	111	12:08	53S	17:45	248	18:08
2025	Nov	26	(Wed)	06:08	06:31	112	12:08	53S	17:45	248	18:08

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

Moon

Sukhothai

Location: E 99°49'19.2", N17°00'43.2", 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)	08:01	117		13:39	48S		19:19	245	
2025 Jan 02 (Thu)	08:50	113		14:33	52S		20:20	249	
2025 Jan 03 (Fri)	09:35	108		15:25	58S		21:18	255	
2025 Jan 04 (Sat)	10:16	101		16:14	64S		22:15	262	
2025 Jan 05 (Sun)	10:55	94		17:01	71S		23:11	269	
2025 Jan 06 (Mon)	11:34	87		17:48	78S				
2025 Jan 07 (Tue)	12:13	80		18:37	85S		00:07	276	
2025 Jan 08 (Wed)	12:55	74		19:27	90N		01:05	283	
2025 Jan 09 (Thu)	13:40	68		20:22	85N		02:05	290	
2025 Jan 10 (Fri)	14:31	63		21:20	81N		03:07	295	
2025 Jan 11 (Sat)	15:27	61		22:21	79N		04:12	298	
2025 Jan 12 (Sun)	16:28	60		23:22	79N		05:15	300	
2025 Jan 13 (Mon)	17:30	62					06:16	299	
2025 Jan 14 (Tue)	18:31	65		00:22	81N		07:10	297	
2025 Jan 15 (Wed)	19:29	69		01:17	85N		07:58	293	
2025 Jan 16 (Thu)	20:23	75		02:07	89N		08:40	288	
2025 Jan 17 (Fri)	21:14	81		02:53	87S		09:18	282	
2025 Jan 18 (Sat)	22:02	87		03:35	81S		09:52	276	
2025 Jan 19 (Sun)	22:49	93		04:15	75S		10:25	270	
2025 Jan 20 (Mon)	23:36	99		04:55	69S		10:57	264	
2025 Jan 21 (Tue)				05:34	63S		11:29	258	
2025 Jan 22 (Wed)	00:23	105		06:15	58S		12:04	253	
2025 Jan 23 (Thu)	01:13	110		06:59	53S		12:42	248	
2025 Jan 24 (Fri)	02:05	114		07:45	49S		13:24	244	
2025 Jan 25 (Sat)	03:00	118		08:36	46S		14:11	241	

2025	Jan	26	(Sun)	03:57	120	09:31	45S	15:05	240
2025	Jan	27	(Mon)	04:54	120	10:28	45S	16:03	241
2025	Jan	28	(Tue)	05:49	118	11:26	47S	17:04	243
2025	Jan	29	(Wed)	06:41	115	12:22	50S	18:06	247
2025	Jan	30	(Thu)	07:29	110	13:16	55S	19:07	253
2025	Jan	31	(Fri)	08:13	104	14:08	62S	20:07	259
2025	Feb	01	(Sat)	08:54	97	14:57	69S	21:05	267
2025	Feb	02	(Sun)	09:33	89	15:45	76S	22:02	274
2025	Feb	03	(Mon)	10:13	82	16:34	83S	23:00	281
2025	Feb	04	(Tue)	10:54	75	17:24	89S	23:59	288
2025	Feb	05	(Wed)	11:38	69	18:17	86N		
2025	Feb	06	(Thu)	12:27	64	19:14	82N	01:01	294
2025	Feb	07	(Fri)	13:21	61	20:13	80N	02:04	298
2025	Feb	08	(Sat)	14:19	60	21:13	79N	03:07	300
2025	Feb	09	(Sun)	15:19	61	22:12	80N	04:07	300
2025	Feb	10	(Mon)	16:20	63	23:08	83N	05:02	298
2025	Feb	11	(Tue)	17:18	67	23:59	87N	05:52	295
2025	Feb	12	(Wed)	18:13	72			06:36	290
2025	Feb	13	(Thu)	19:05	78	00:46	89S	07:15	285
2025	Feb	14	(Fri)	19:54	84	01:30	83S	07:50	279
2025	Feb	15	(Sat)	20:42	91	02:11	77S	08:23	272
2025	Feb	16	(Sun)	21:29	97	02:50	71S	08:55	266
2025	Feb	17	(Mon)	22:16	103	03:30	65S	09:28	260
2025	Feb	18	(Tue)	23:04	108	04:10	60S	10:01	255
2025	Feb	19	(Wed)	23:55	113	04:52	55S	10:37	250
2025	Feb	20	(Thu)			05:37	50S	11:17	245
2025	Feb	21	(Fri)	00:48	117	06:26	47S	12:02	242
2025	Feb	22	(Sat)	01:43	119	07:18	45S	12:51	240
2025	Feb	23	(Sun)	02:40	120	08:13	44S	13:47	240
2025	Feb	24	(Mon)	03:35	119	09:10	45S	14:46	241
2025	Feb	25	(Tue)	04:28	117	10:06	48S	15:47	245
2025	Feb	26	(Wed)	05:18	113	11:02	53S	16:49	250
2025	Feb	27	(Thu)	06:04	107	11:55	58S	17:50	256
2025	Feb	28	(Fri)	06:46	100	12:46	65S	18:50	263
2025	Mar	01	(Sat)	07:27	93	13:36	73S	19:49	271
2025	Mar	02	(Sun)	08:08	85	14:26	80S	20:49	279
2025	Mar	03	(Mon)	08:50	78	15:17	87S	21:50	286
2025	Mar	04	(Tue)	09:35	71	16:11	88N	22:53	292
2025	Mar	05	(Wed)	10:23	66	17:08	83N	23:57	297
2025	Mar	06	(Thu)	11:16	62	18:07	80N		
2025	Mar	07	(Fri)	12:13	60	19:08	79N	01:01	299
2025	Mar	08	(Sat)	13:13	60	20:07	79N	02:02	300
2025	Mar	09	(Sun)	14:13	62	21:03	82N	02:59	299
2025	Mar	10	(Mon)	15:12	66	21:55	86N	03:49	296
2025	Mar	11	(Tue)	16:07	71	22:42	90N	04:34	292
2025	Mar	12	(Wed)	16:59	76	23:27	85S	05:14	287
2025	Mar	13	(Thu)	17:49	82			05:50	281
2025	Mar	14	(Fri)	18:36	88	00:08	80S	06:23	275
2025	Mar	15	(Sat)	19:23	95	00:48	73S	06:56	268
2025	Mar	16	(Sun)	20:10	101	01:27	68S	07:28	262
2025	Mar	17	(Mon)	20:58	106	02:07	62S	08:01	257
2025	Mar	18	(Tue)	21:48	111	02:49	57S	08:36	251
2025	Mar	19	(Wed)	22:40	115	03:32	52S	09:14	247
2025	Mar	20	(Thu)	23:34	118	04:19	48S	09:56	243
2025	Mar	21	(Fri)			05:09	46S	10:43	241
2025	Mar	22	(Sat)	00:29	120	06:02	44S	11:35	240
2025	Mar	23	(Sun)	01:23	120	06:57	45S	12:31	241
2025	Mar	24	(Mon)	02:16	118	07:52	47S	13:30	243
2025	Mar	25	(Tue)	03:06	115	08:47	50S	14:30	247
2025	Mar	26	(Wed)	03:52	110	09:40	55S	15:30	253
2025	Mar	27	(Thu)	04:36	104	10:31	62S	16:30	259
2025	Mar	28	(Fri)	05:18	97	11:21	69S	17:30	267
2025	Mar	29	(Sat)	05:59	89	12:12	76S	18:30	275
2025	Mar	30	(Sun)	06:41	81	13:04	84S	19:32	283
2025	Mar	31	(Mon)	07:25	74	13:58	91S	20:36	289
2025	Apr	01	(Tue)	08:14	68	14:56	85N	21:42	295
2025	Apr	02	(Wed)	09:07	63	15:57	81N	22:49	299
2025	Apr	03	(Thu)	10:05	61	16:59	79N	23:54	300
2025	Apr	04	(Fri)	11:06	60	18:00	79N		
2025	Apr	05	(Sat)	12:07	61	18:58	81N	00:54	299
2025	Apr	06	(Sun)	13:07	65	19:52	84N	01:47	297
2025	Apr	07	(Mon)	14:03	69	20:41	89N	02:34	293

2025 Apr 08 (Tue)	14:56 74	21:26 87S	03:15 288
2025 Apr 09 (Wed)	15:46 80	22:07 81S	03:51 283
2025 Apr 10 (Thu)	16:33 86	22:47 75S	04:25 277
2025 Apr 11 (Fri)	17:20 93	23:26 70S	04:57 271
2025 Apr 12 (Sat)	18:07 99		05:29 264
2025 Apr 13 (Sun)	18:54 104	00:06 64S	06:02 259
2025 Apr 14 (Mon)	19:44 110	00:47 58S	06:36 253
2025 Apr 15 (Tue)	20:35 114	01:30 53S	07:13 248
2025 Apr 16 (Wed)	21:28 117	02:15 49S	07:54 244
2025 Apr 17 (Thu)	22:22 119	03:04 46S	08:39 241
2025 Apr 18 (Fri)	23:16 120	03:56 45S	09:29 240
2025 Apr 19 (Sat)		04:49 44S	10:23 240
2025 Apr 20 (Sun)	00:09 119	05:44 46S	11:20 242
2025 Apr 21 (Mon)	00:58 116	06:37 49S	12:18 245
2025 Apr 22 (Tue)	01:45 112	07:29 53S	13:16 250
2025 Apr 23 (Wed)	02:28 107	08:19 59S	14:14 256
2025 Apr 24 (Thu)	03:09 100	09:08 65S	15:11 263
2025 Apr 25 (Fri)	03:49 93	09:57 72S	16:10 271
2025 Apr 26 (Sat)	04:30 85	10:47 80S	17:10 278
2025 Apr 27 (Sun)	05:13 78	11:40 87S	18:13 286
2025 Apr 28 (Mon)	05:59 71	12:37 88N	19:20 292
2025 Apr 29 (Tue)	06:51 65	13:38 83N	20:28 297
2025 Apr 30 (Wed)	07:49 62	14:42 80N	21:37 300
2025 May 01 (Thu)	08:51 60	15:46 79N	22:41 300
2025 May 02 (Fri)	09:55 61	16:48 80N	23:39 298
2025 May 03 (Sat)	10:58 63	17:45 83N	
2025 May 04 (Sun)	11:57 68	18:37 87N	00:30 295
2025 May 05 (Mon)	12:51 73	19:24 89S	01:14 290
2025 May 06 (Tue)	13:42 78	20:07 83S	01:52 284
2025 May 07 (Wed)	14:31 84	20:47 77S	02:27 279
2025 May 08 (Thu)	15:18 91	21:26 71S	03:00 272
2025 May 09 (Fri)	16:04 97	22:06 66S	03:31 266
2025 May 10 (Sat)	16:51 103	22:46 60S	04:03 260
2025 May 11 (Sun)	17:40 108	23:28 55S	04:37 255
2025 May 12 (Mon)	18:30 113		05:13 250
2025 May 13 (Tue)	19:23 116	00:13 51S	05:53 246
2025 May 14 (Wed)	20:17 119	01:01 47S	06:37 242
2025 May 15 (Thu)	21:12 120	01:52 45S	07:26 240
2025 May 16 (Fri)	22:05 119	02:45 45S	08:18 240
2025 May 17 (Sat)	22:55 117	03:39 45S	09:14 241
2025 May 18 (Sun)	23:41 114	04:32 48S	10:11 244
2025 May 19 (Mon)		05:23 52S	11:08 249
2025 May 20 (Tue)	00:25 109	06:13 57S	12:05 254
2025 May 21 (Wed)	01:05 103	07:01 63S	13:00 260
2025 May 22 (Thu)	01:44 96	07:48 69S	13:56 268
2025 May 23 (Fri)	02:23 89	08:36 76S	14:53 275
2025 May 24 (Sat)	03:03 81	09:26 84S	15:53 282
2025 May 25 (Sun)	03:47 74	10:19 90S	16:57 289
2025 May 26 (Mon)	04:35 68	11:17 85N	18:04 295
2025 May 27 (Tue)	05:30 63	12:20 81N	19:13 298
2025 May 28 (Wed)	06:31 61	13:26 79N	20:21 300
2025 May 29 (Thu)	07:36 60	14:31 79N	21:24 299
2025 May 30 (Fri)	08:41 62	15:32 82N	22:20 296
2025 May 31 (Sat)	09:44 66	16:28 86N	23:08 292
2025 Jun 01 (Sun)	10:42 71	17:18 91N	23:49 286
2025 Jun 02 (Mon)	11:36 76	18:03 85S	
2025 Jun 03 (Tue)	12:26 82	18:45 79S	00:26 280
2025 Jun 04 (Wed)	13:14 89	19:25 73S	01:00 274
2025 Jun 05 (Thu)	14:01 95	20:04 67S	01:32 268
2025 Jun 06 (Fri)	14:47 101	20:44 62S	02:04 262
2025 Jun 07 (Sat)	15:35 106	21:26 57S	02:37 257
2025 Jun 08 (Sun)	16:25 111	22:10 52S	03:13 251
2025 Jun 09 (Mon)	17:18 115	22:57 48S	03:51 247
2025 Jun 10 (Tue)	18:12 118	23:47 46S	04:34 243
2025 Jun 11 (Wed)	19:07 120		05:22 241
2025 Jun 12 (Thu)	20:01 120	00:40 45S	06:14 240
2025 Jun 13 (Fri)	20:52 118	01:34 45S	07:09 241
2025 Jun 14 (Sat)	21:40 115	02:28 47S	08:06 243
2025 Jun 15 (Sun)	22:24 110	03:20 50S	09:04 247
2025 Jun 16 (Mon)	23:05 104	04:10 55S	10:00 252
2025 Jun 17 (Tue)	23:43 98	04:58 61S	10:55 259
2025 Jun 18 (Wed)		05:44 67S	11:50 265

2025 Jun 19 (Thu)	00:21 91	06:31 74S	12:45 273
2025 Jun 20 (Fri)	00:59 84	07:18 81S	13:42 280
2025 Jun 21 (Sat)	01:40 77	08:08 88S	14:41 287
2025 Jun 22 (Sun)	02:25 71	09:03 88N	15:45 292
2025 Jun 23 (Mon)	03:15 65	10:02 83N	16:52 297
2025 Jun 24 (Tue)	04:12 62	11:05 80N	18:00 299
2025 Jun 25 (Wed)	05:15 60	12:10 79N	19:05 300
2025 Jun 26 (Thu)	06:21 61	13:14 81N	20:05 298
2025 Jun 27 (Fri)	07:26 64	14:13 84N	20:57 294
2025 Jun 28 (Sat)	08:27 68	15:07 88N	21:42 289
2025 Jun 29 (Sun)	09:24 74	15:55 87S	22:22 283
2025 Jun 30 (Mon)	10:17 80	16:39 82S	22:58 277
2025 Jul 01 (Tue)	11:07 86	17:21 75S	23:31 270
2025 Jul 02 (Wed)	11:55 93	18:01 69S	
2025 Jul 03 (Thu)	12:42 99	18:41 64S	00:04 264
2025 Jul 04 (Fri)	13:30 104	19:22 58S	00:37 258
2025 Jul 05 (Sat)	14:19 110	20:05 53S	01:11 253
2025 Jul 06 (Sun)	15:10 114	20:51 49S	01:48 248
2025 Jul 07 (Mon)	16:04 117	21:40 46S	02:30 244
2025 Jul 08 (Tue)	16:59 119	22:33 45S	03:15 242
2025 Jul 09 (Wed)	17:53 120	23:27 45S	04:06 240
2025 Jul 10 (Thu)	18:47 119		05:01 240
2025 Jul 11 (Fri)	19:36 116	00:22 46S	05:59 242
2025 Jul 12 (Sat)	20:22 112	01:15 49S	06:57 246
2025 Jul 13 (Sun)	21:04 106	02:07 54S	07:55 251
2025 Jul 14 (Mon)	21:44 100	02:56 59S	08:51 257
2025 Jul 15 (Tue)	22:22 93	03:43 66S	09:46 263
2025 Jul 16 (Wed)	22:59 86	04:29 72S	10:41 271
2025 Jul 17 (Thu)	23:39 79	05:16 79S	11:36 278
2025 Jul 18 (Fri)		06:04 86S	12:34 285
2025 Jul 19 (Sat)	00:21 72	06:56 89N	13:35 291
2025 Jul 20 (Sun)	01:08 67	07:51 84N	14:38 296
2025 Jul 21 (Mon)	02:01 63	08:51 81N	15:44 299
2025 Jul 22 (Tue)	03:00 60	09:54 79N	16:50 300
2025 Jul 23 (Wed)	04:03 60	10:58 80N	17:51 299
2025 Jul 24 (Thu)	05:08 62	11:58 82N	18:46 296
2025 Jul 25 (Fri)	06:11 66	12:54 86N	19:34 291
2025 Jul 26 (Sat)	07:10 71	13:45 90S	20:16 285
2025 Jul 27 (Sun)	08:06 77	14:32 84S	20:54 279
2025 Jul 28 (Mon)	08:57 84	15:15 78S	21:28 273
2025 Jul 29 (Tue)	09:46 90	15:56 72S	22:02 267
2025 Jul 30 (Wed)	10:34 97	16:36 66S	22:35 261
2025 Jul 31 (Thu)	11:22 102	17:17 60S	23:09 255
2025 Aug 01 (Fri)	12:11 108	17:59 55S	23:45 250
2025 Aug 02 (Sat)	13:02 113	18:44 51S	
2025 Aug 03 (Sun)	13:54 116	19:32 47S	00:24 246
2025 Aug 04 (Mon)	14:48 119	20:23 45S	01:08 242
2025 Aug 05 (Tue)	15:43 120	21:17 44S	01:57 240
2025 Aug 06 (Wed)	16:37 119	22:11 45S	02:50 240
2025 Aug 07 (Thu)	17:29 117	23:06 48S	03:47 241
2025 Aug 08 (Fri)	18:16 113	23:59 52S	04:46 244
2025 Aug 09 (Sat)	19:01 108		05:44 249
2025 Aug 10 (Sun)	19:42 102	00:50 57S	06:42 255
2025 Aug 11 (Mon)	20:21 95	01:38 63S	07:39 261
2025 Aug 12 (Tue)	20:59 88	02:26 70S	08:35 268
2025 Aug 13 (Wed)	21:39 81	03:13 77S	09:31 276
2025 Aug 14 (Thu)	22:20 74	04:01 84S	10:29 283
2025 Aug 15 (Fri)	23:06 68	04:52 90S	11:29 289
2025 Aug 16 (Sat)	23:56 64	05:46 86N	12:31 294
2025 Aug 17 (Sun)		06:45 82N	13:36 298
2025 Aug 18 (Mon)	00:52 61	07:46 79N	14:40 300
2025 Aug 19 (Tue)	01:53 60	08:48 79N	15:42 299
2025 Aug 20 (Wed)	02:56 61	09:48 81N	16:38 297
2025 Aug 21 (Thu)	03:59 65	10:45 84N	17:27 293
2025 Aug 22 (Fri)	04:58 69	11:37 89N	18:11 288
2025 Aug 23 (Sat)	05:55 75	12:24 87S	18:50 282
2025 Aug 24 (Sun)	06:47 81	13:09 81S	19:26 276
2025 Aug 25 (Mon)	07:38 88	13:51 74S	19:59 269
2025 Aug 26 (Tue)	08:26 94	14:31 68S	20:33 263
2025 Aug 27 (Wed)	09:15 100	15:12 62S	21:06 257
2025 Aug 28 (Thu)	10:03 106	15:54 57S	21:42 252
2025 Aug 29 (Fri)	10:53 111	16:38 52S	22:20 247

2025 Aug 30 (Sat)	11:45 115	17:24 49S	23:01 243
2025 Aug 31 (Sun)	12:38 118	18:13 46S	23:48 241
2025 Sep 01 (Mon)	13:32 120	19:05 45S	
2025 Sep 02 (Tue)	14:26 120	19:59 45S	00:38 240
2025 Sep 03 (Wed)	15:18 119	20:54 46S	01:33 240
2025 Sep 04 (Thu)	16:07 115	21:47 50S	02:31 243
2025 Sep 05 (Fri)	16:53 111	22:39 54S	03:29 246
2025 Sep 06 (Sat)	17:36 105	23:29 60S	04:28 252
2025 Sep 07 (Sun)	18:16 98		05:26 258
2025 Sep 08 (Mon)	18:55 91	00:17 67S	06:23 265
2025 Sep 09 (Tue)	19:35 84	01:06 74S	07:21 273
2025 Sep 10 (Wed)	20:17 76	01:55 82S	08:19 280
2025 Sep 11 (Thu)	21:02 70	02:46 88S	09:20 287
2025 Sep 12 (Fri)	21:52 65	03:41 87N	10:24 293
2025 Sep 13 (Sat)	22:47 61	04:39 83N	11:29 297
2025 Sep 14 (Sun)	23:47 60	05:40 80N	12:34 300
2025 Sep 15 (Mon)		06:42 79N	13:36 300
2025 Sep 16 (Tue)	00:49 61	07:42 80N	14:33 298
2025 Sep 17 (Wed)	01:51 63	08:39 83N	15:24 295
2025 Sep 18 (Thu)	02:51 67	09:32 87N	16:09 290
2025 Sep 19 (Fri)	03:48 73	10:20 89S	16:49 284
2025 Sep 20 (Sat)	04:41 79	11:05 83S	17:25 278
2025 Sep 21 (Sun)	05:31 85	11:47 77S	17:59 272
2025 Sep 22 (Mon)	06:20 91	12:28 70S	18:32 265
2025 Sep 23 (Tue)	07:08 98	13:08 64S	19:05 259
2025 Sep 24 (Wed)	07:56 104	13:50 59S	19:40 254
2025 Sep 25 (Thu)	08:46 109	14:33 54S	20:17 249
2025 Sep 26 (Fri)	09:37 114	15:18 50S	20:57 245
2025 Sep 27 (Sat)	10:29 117	16:06 47S	21:41 242
2025 Sep 28 (Sun)	11:23 119	16:57 45S	22:30 240
2025 Sep 29 (Mon)	12:16 120	17:49 44S	23:22 240
2025 Sep 30 (Tue)	13:08 119	18:42 46S	
2025 Oct 01 (Wed)	13:57 117	19:35 48S	00:17 242
2025 Oct 02 (Thu)	14:43 113	20:26 52S	01:14 245
2025 Oct 03 (Fri)	15:27 108	21:16 57S	02:12 249
2025 Oct 04 (Sat)	16:08 102	22:05 64S	03:09 255
2025 Oct 05 (Sun)	16:47 95	22:53 71S	04:06 262
2025 Oct 06 (Mon)	17:27 87	23:42 78S	05:03 269
2025 Oct 07 (Tue)	18:09 80		06:02 277
2025 Oct 08 (Wed)	18:54 73	00:34 85S	07:04 284
2025 Oct 09 (Thu)	19:43 67	01:29 90N	08:08 291
2025 Oct 10 (Fri)	20:38 63	02:27 84N	09:15 296
2025 Oct 11 (Sat)	21:39 60	03:29 81N	10:23 299
2025 Oct 12 (Sun)	22:42 60	04:33 79N	11:29 300
2025 Oct 13 (Mon)	23:45 62	05:36 80N	12:29 299
2025 Oct 14 (Tue)		06:35 82N	13:22 296
2025 Oct 15 (Wed)	00:46 66	07:29 86N	14:08 291
2025 Oct 16 (Thu)	01:43 71	08:18 90S	14:49 286
2025 Oct 17 (Fri)	02:37 77	09:04 85S	15:26 280
2025 Oct 18 (Sat)	03:27 83	09:46 79S	16:00 274
2025 Oct 19 (Sun)	04:16 89	10:26 73S	16:33 268
2025 Oct 20 (Mon)	05:04 96	11:07 67S	17:06 261
2025 Oct 21 (Tue)	05:52 102	11:48 61S	17:40 256
2025 Oct 22 (Wed)	06:41 107	12:30 56S	18:16 251
2025 Oct 23 (Thu)	07:31 112	13:14 51S	18:55 246
2025 Oct 24 (Fri)	08:23 116	14:01 48S	19:38 243
2025 Oct 25 (Sat)	09:16 118	14:51 46S	20:25 241
2025 Oct 26 (Sun)	10:09 120	15:42 45S	21:15 240
2025 Oct 27 (Mon)	11:01 120	16:34 45S	22:09 241
2025 Oct 28 (Tue)	11:50 118	17:26 47S	23:04 243
2025 Oct 29 (Wed)	12:37 115	18:17 50S	24:00 247
2025 Oct 30 (Thu)	13:20 110	19:06 55S	
2025 Oct 31 (Fri)	14:00 105	19:53 61S	00:55 252
2025 Nov 01 (Sat)	14:39 98	20:40 67S	01:50 258
2025 Nov 02 (Sun)	15:18 91	21:28 74S	02:46 265
2025 Nov 03 (Mon)	15:58 84	22:17 81S	03:43 273
2025 Nov 04 (Tue)	16:41 76	23:10 88S	04:42 280
2025 Nov 05 (Wed)	17:28 70		05:45 287
2025 Nov 06 (Thu)	18:22 65	00:08 87N	06:52 293
2025 Nov 07 (Fri)	19:22 61	01:10 82N	08:02 297
2025 Nov 08 (Sat)	20:27 60	02:16 80N	09:11 300
2025 Nov 09 (Sun)	21:33 62	03:22 79N	10:17 299

2025 Nov 10 (Mon)	22:37 65	04:25 81N	11:15 297
2025 Nov 11 (Tue)	23:37 70	05:23 85N	12:05 293
2025 Nov 12 (Wed)		06:15 89N	12:49 288
2025 Nov 13 (Thu)	00:33 75	07:02 86S	13:27 282
2025 Nov 14 (Fri)	01:25 81	07:45 80S	14:02 276
2025 Nov 15 (Sat)	02:14 88	08:26 74S	14:35 269
2025 Nov 16 (Sun)	03:01 94	09:06 68S	15:08 263
2025 Nov 17 (Mon)	03:49 100	09:47 63S	15:41 257
2025 Nov 18 (Tue)	04:37 105	10:28 57S	16:16 252
2025 Nov 19 (Wed)	05:27 110	11:12 53S	16:54 248
2025 Nov 20 (Thu)	06:18 115	11:58 49S	17:36 244
2025 Nov 21 (Fri)	07:11 118	12:47 46S	18:22 241
2025 Nov 22 (Sat)	08:04 119	13:38 45S	19:11 240
2025 Nov 23 (Sun)	08:57 120	14:30 45S	20:04 241
2025 Nov 24 (Mon)	09:47 118	15:22 46S	20:58 243
2025 Nov 25 (Tue)	10:33 116	16:12 49S	21:53 246
2025 Nov 26 (Wed)	11:17 112	17:01 53S	22:47 251
2025 Nov 27 (Thu)	11:57 107	17:47 59S	23:41 256
2025 Nov 28 (Fri)	12:35 101	18:33 65S	
2025 Nov 29 (Sat)	13:12 94	19:18 71S	00:34 262
2025 Nov 30 (Sun)	13:50 87	20:05 78S	01:28 269
2025 Dec 01 (Mon)	14:30 80	20:54 85S	02:24 277
2025 Dec 02 (Tue)	15:14 73	21:48 90N	03:23 284
2025 Dec 03 (Wed)	16:03 67	22:47 85N	04:27 290
2025 Dec 04 (Thu)	17:00 63	23:51 81N	05:35 295
2025 Dec 05 (Fri)	18:04 61		06:45 299
2025 Dec 06 (Sat)	19:11 61	00:59 79N	07:55 300
2025 Dec 07 (Sun)	20:19 63	02:06 80N	08:58 298
2025 Dec 08 (Mon)	21:23 68	03:08 83N	09:54 295
2025 Dec 09 (Tue)	22:23 73	04:05 88N	10:42 290
2025 Dec 10 (Wed)	23:18 79	04:56 88S	11:24 284
2025 Dec 11 (Thu)		05:42 82S	12:01 278
2025 Dec 12 (Fri)	00:09 86	06:24 76S	12:36 271
2025 Dec 13 (Sat)	00:58 92	07:05 70S	13:09 265
2025 Dec 14 (Sun)	01:46 98	07:46 64S	13:42 259
2025 Dec 15 (Mon)	02:34 104	08:27 59S	14:17 254
2025 Dec 16 (Tue)	03:23 109	09:10 54S	14:54 249
2025 Dec 17 (Wed)	04:13 113	09:55 50S	15:34 245
2025 Dec 18 (Thu)	05:06 117	10:43 47S	16:19 242
2025 Dec 19 (Fri)	05:59 119	11:34 45S	17:07 241
2025 Dec 20 (Sat)	06:52 120	12:26 45S	17:59 240
2025 Dec 21 (Sun)	07:43 119	13:18 46S	18:54 242
2025 Dec 22 (Mon)	08:31 117	14:09 48S	19:49 245
2025 Dec 23 (Tue)	09:16 113	14:58 52S	20:44 249
2025 Dec 24 (Wed)	09:57 108	15:45 57S	21:37 254
2025 Dec 25 (Thu)	10:35 102	16:30 63S	22:30 261
2025 Dec 26 (Fri)	11:11 96	17:15 69S	23:22 267
2025 Dec 27 (Sat)	11:48 89	17:59 76S	
2025 Dec 28 (Sun)	12:25 83	18:46 82S	00:15 274
2025 Dec 29 (Mon)	13:06 76	19:35 89S	01:11 281
2025 Dec 30 (Tue)	13:51 70	20:30 87N	02:10 288
2025 Dec 31 (Wed)	14:42 65	21:30 82N	03:13 293