

Sun

Chai Nat

Location: E100°09'10.8", N15°10'55.2", 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)	05:56	06:46	114	12:23	53S	18:00	246	18:50
2025	Jan	02 (Thu)	05:56	06:46	114	12:23	53S	18:01	246	18:51
2025	Jan	03 (Fri)	05:56	06:46	113	12:24	53S	18:02	247	18:52
2025	Jan	04 (Sat)	05:57	06:47	113	12:24	53S	18:02	247	18:52
2025	Jan	05 (Sun)	05:57	06:47	113	12:25	53S	18:03	247	18:53
2025	Jan	06 (Mon)	05:57	06:47	113	12:25	53S	18:03	247	18:53
2025	Jan	07 (Tue)	05:58	06:47	113	12:26	53S	18:04	247	18:54
2025	Jan	08 (Wed)	05:58	06:48	113	12:26	53S	18:05	247	18:54
2025	Jan	09 (Thu)	05:58	06:48	113	12:26	53S	18:05	247	18:55
2025	Jan	10 (Fri)	05:59	06:48	113	12:27	54S	18:06	248	18:55
2025	Jan	11 (Sat)	05:59	06:48	112	12:27	54S	18:06	248	18:56
2025	Jan	12 (Sun)	05:59	06:49	112	12:28	54S	18:07	248	18:56
2025	Jan	13 (Mon)	05:59	06:49	112	12:28	54S	18:07	248	18:57
2025	Jan	14 (Tue)	06:00	06:49	112	12:28	54S	18:08	248	18:57
2025	Jan	15 (Wed)	06:00	06:49	112	12:29	54S	18:09	248	18:58
2025	Jan	16 (Thu)	06:00	06:49	111	12:29	55S	18:09	249	18:58
2025	Jan	17 (Fri)	06:00	06:49	111	12:29	55S	18:10	249	18:59
2025	Jan	18 (Sat)	06:00	06:49	111	12:30	55S	18:10	249	18:59
2025	Jan	19 (Sun)	06:00	06:49	111	12:30	55S	18:11	249	19:00
2025	Jan	20 (Mon)	06:00	06:49	111	12:30	55S	18:11	249	19:00
2025	Jan	21 (Tue)	06:01	06:49	110	12:31	56S	18:12	250	19:01
2025	Jan	22 (Wed)	06:01	06:49	110	12:31	56S	18:13	250	19:01
2025	Jan	23 (Thu)	06:01	06:49	110	12:31	56S	18:13	250	19:02
2025	Jan	24 (Fri)	06:01	06:49	110	12:31	56S	18:14	250	19:02
2025	Jan	25 (Sat)	06:01	06:49	109	12:32	57S	18:14	251	19:03
2025	Jan	26 (Sun)	06:01	06:49	109	12:32	57S	18:15	251	19:03
2025	Jan	27 (Mon)	06:01	06:49	109	12:32	57S	18:15	251	19:04
2025	Jan	28 (Tue)	06:01	06:49	109	12:32	57S	18:16	251	19:04
2025	Jan	29 (Wed)	06:01	06:49	108	12:32	58S	18:16	252	19:05
2025	Jan	30 (Thu)	06:00	06:49	108	12:33	58S	18:17	252	19:05
2025	Jan	31 (Fri)	06:00	06:49	108	12:33	58S	18:17	252	19:05
2025	Feb	01 (Sat)	06:00	06:48	107	12:33	59S	18:18	253	19:06
2025	Feb	02 (Sun)	06:00	06:48	107	12:33	59S	18:18	253	19:06
2025	Feb	03 (Mon)	06:00	06:48	107	12:33	59S	18:19	253	19:07
2025	Feb	04 (Tue)	06:00	06:48	107	12:33	59S	18:19	254	19:07
2025	Feb	05 (Wed)	06:00	06:47	106	12:33	60S	18:19	254	19:07
2025	Feb	06 (Thu)	05:59	06:47	106	12:33	60S	18:20	254	19:08
2025	Feb	07 (Fri)	05:59	06:47	106	12:33	60S	18:20	255	19:08
2025	Feb	08 (Sat)	05:59	06:47	105	12:34	61S	18:21	255	19:08
2025	Feb	09 (Sun)	05:59	06:46	105	12:34	61S	18:21	255	19:09
2025	Feb	10 (Mon)	05:58	06:46	105	12:34	61S	18:21	256	19:09
2025	Feb	11 (Tue)	05:58	06:46	104	12:34	62S	18:22	256	19:09
2025	Feb	12 (Wed)	05:58	06:45	104	12:34	62S	18:22	256	19:10
2025	Feb	13 (Thu)	05:57	06:45	104	12:34	62S	18:23	257	19:10
2025	Feb	14 (Fri)	05:57	06:44	103	12:34	63S	18:23	257	19:10
2025	Feb	15 (Sat)	05:57	06:44	103	12:33	63S	18:23	257	19:10
2025	Feb	16 (Sun)	05:56	06:43	103	12:33	63S	18:24	258	19:11
2025	Feb	17 (Mon)	05:56	06:43	102	12:33	64S	18:24	258	19:11
2025	Feb	18 (Tue)	05:56	06:43	102	12:33	64S	18:24	258	19:11
2025	Feb	19 (Wed)	05:55	06:42	101	12:33	64S	18:24	259	19:11
2025	Feb	20 (Thu)	05:55	06:42	101	12:33	65S	18:25	259	19:12
2025	Feb	21 (Fri)	05:54	06:41	101	12:33	65S	18:25	259	19:12
2025	Feb	22 (Sat)	05:54	06:41	100	12:33	65S	18:25	260	19:12
2025	Feb	23 (Sun)	05:53	06:40	100	12:33	66S	18:26	260	19:12
2025	Feb	24 (Mon)	05:53	06:39	100	12:33	66S	18:26	261	19:13
2025	Feb	25 (Tue)	05:52	06:39	99	12:32	67S	18:26	261	19:13
2025	Feb	26 (Wed)	05:52	06:38	99	12:32	67S	18:26	261	19:13
2025	Feb	27 (Thu)	05:51	06:38	98	12:32	67S	18:27	262	19:13
2025	Feb	28 (Fri)	05:51	06:37	98	12:32	68S	18:27	262	19:13
2025	Mar	01 (Sat)	05:50	06:37	98	12:32	68S	18:27	263	19:14

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

2025	May	13	(Tue)	05:02	05:51	71	12:16	87N	18:40	289	19:30
2025	May	14	(Wed)	05:01	05:51	70	12:16	87N	18:41	290	19:30
2025	May	15	(Thu)	05:01	05:51	70	12:16	87N	18:41	290	19:31
2025	May	16	(Fri)	05:01	05:51	70	12:16	87N	18:41	290	19:31
2025	May	17	(Sat)	05:00	05:50	70	12:16	87N	18:41	290	19:31
2025	May	18	(Sun)	05:00	05:50	69	12:16	86N	18:42	291	19:32
2025	May	19	(Mon)	05:00	05:50	69	12:16	86N	18:42	291	19:32
2025	May	20	(Tue)	04:59	05:50	69	12:16	86N	18:42	291	19:33
2025	May	21	(Wed)	04:59	05:49	69	12:16	86N	18:43	291	19:33
2025	May	22	(Thu)	04:59	05:49	69	12:16	85N	18:43	292	19:33
2025	May	23	(Fri)	04:59	05:49	68	12:16	85N	18:43	292	19:34
2025	May	24	(Sat)	04:58	05:49	68	12:16	85N	18:44	292	19:34
2025	May	25	(Sun)	04:58	05:49	68	12:16	85N	18:44	292	19:35
2025	May	26	(Mon)	04:58	05:49	68	12:16	85N	18:44	292	19:35
2025	May	27	(Tue)	04:58	05:49	68	12:17	85N	18:45	292	19:36
2025	May	28	(Wed)	04:58	05:48	67	12:17	84N	18:45	293	19:36
2025	May	29	(Thu)	04:57	05:48	67	12:17	84N	18:45	293	19:36
2025	May	30	(Fri)	04:57	05:48	67	12:17	84N	18:46	293	19:37
2025	May	31	(Sat)	04:57	05:48	67	12:17	84N	18:46	293	19:37
2025	Jun	01	(Sun)	04:57	05:48	67	12:17	84N	18:46	293	19:38
2025	Jun	02	(Mon)	04:57	05:48	67	12:17	84N	18:47	293	19:38
2025	Jun	03	(Tue)	04:57	05:48	67	12:18	84N	18:47	293	19:38
2025	Jun	04	(Wed)	04:57	05:48	66	12:18	83N	18:47	294	19:39
2025	Jun	05	(Thu)	04:57	05:48	66	12:18	83N	18:48	294	19:39
2025	Jun	06	(Fri)	04:57	05:48	66	12:18	83N	18:48	294	19:39
2025	Jun	07	(Sat)	04:57	05:48	66	12:18	83N	18:48	294	19:40
2025	Jun	08	(Sun)	04:57	05:48	66	12:18	83N	18:49	294	19:40
2025	Jun	09	(Mon)	04:57	05:48	66	12:19	83N	18:49	294	19:40
2025	Jun	10	(Tue)	04:57	05:49	66	12:19	83N	18:49	294	19:41
2025	Jun	11	(Wed)	04:57	05:49	66	12:19	83N	18:49	294	19:41
2025	Jun	12	(Thu)	04:57	05:49	66	12:19	83N	18:50	294	19:41
2025	Jun	13	(Fri)	04:57	05:49	66	12:19	83N	18:50	294	19:42
2025	Jun	14	(Sat)	04:57	05:49	66	12:20	83N	18:50	294	19:42
2025	Jun	15	(Sun)	04:58	05:49	66	12:20	83N	18:51	294	19:42
2025	Jun	16	(Mon)	04:58	05:49	66	12:20	83N	18:51	295	19:43
2025	Jun	17	(Tue)	04:58	05:50	65	12:20	83N	18:51	295	19:43
2025	Jun	18	(Wed)	04:58	05:50	65	12:21	82N	18:51	295	19:43
2025	Jun	19	(Thu)	04:58	05:50	65	12:21	82N	18:52	295	19:43
2025	Jun	20	(Fri)	04:58	05:50	65	12:21	82N	18:52	295	19:44
2025	Jun	21	(Sat)	04:59	05:50	65	12:21	82N	18:52	295	19:44
2025	Jun	22	(Sun)	04:59	05:51	65	12:21	82N	18:52	295	19:44
2025	Jun	23	(Mon)	04:59	05:51	65	12:22	82N	18:52	295	19:44
2025	Jun	24	(Tue)	04:59	05:51	65	12:22	82N	18:53	295	19:44
2025	Jun	25	(Wed)	05:00	05:51	65	12:22	83N	18:53	295	19:45
2025	Jun	26	(Thu)	05:00	05:52	65	12:22	83N	18:53	294	19:45
2025	Jun	27	(Fri)	05:00	05:52	66	12:22	83N	18:53	294	19:45
2025	Jun	28	(Sat)	05:00	05:52	66	12:23	83N	18:53	294	19:45
2025	Jun	29	(Sun)	05:01	05:52	66	12:23	83N	18:53	294	19:45
2025	Jun	30	(Mon)	05:01	05:53	66	12:23	83N	18:54	294	19:45
2025	Jul	01	(Tue)	05:01	05:53	66	12:23	83N	18:54	294	19:45
2025	Jul	02	(Wed)	05:02	05:53	66	12:23	83N	18:54	294	19:45
2025	Jul	03	(Thu)	05:02	05:53	66	12:24	83N	18:54	294	19:45
2025	Jul	04	(Fri)	05:02	05:54	66	12:24	83N	18:54	294	19:45
2025	Jul	05	(Sat)	05:03	05:54	66	12:24	83N	18:54	294	19:45
2025	Jul	06	(Sun)	05:03	05:54	66	12:24	83N	18:54	294	19:45
2025	Jul	07	(Mon)	05:03	05:55	66	12:24	83N	18:54	294	19:45
2025	Jul	08	(Tue)	05:04	05:55	66	12:25	83N	18:54	294	19:45
2025	Jul	09	(Wed)	05:04	05:55	67	12:25	84N	18:54	293	19:45
2025	Jul	10	(Thu)	05:04	05:56	67	12:25	84N	18:54	293	19:45
2025	Jul	11	(Fri)	05:05	05:56	67	12:25	84N	18:54	293	19:45
2025	Jul	12	(Sat)	05:05	05:56	67	12:25	84N	18:54	293	19:45
2025	Jul	13	(Sun)	05:05	05:56	67	12:25	84N	18:54	293	19:45
2025	Jul	14	(Mon)	05:06	05:57	67	12:25	84N	18:54	293	19:45
2025	Jul	15	(Tue)	05:06	05:57	67	12:25	84N	18:54	292	19:44
2025	Jul	16	(Wed)	05:07	05:57	68	12:25	85N	18:53	292	19:44
2025	Jul	17	(Thu)	05:07	05:58	68	12:26	85N	18:53	292	19:44
2025	Jul	18	(Fri)	05:07	05:58	68	12:26	85N	18:53	292	19:44
2025	Jul	19	(Sat)	05:08	05:58	68	12:26	85N	18:53	292	19:44
2025	Jul	20	(Sun)	05:08	05:59	68	12:26	85N	18:53	292	19:43
2025	Jul	21	(Mon)	05:08	05:59	69	12:26	85N	18:53	291	19:43
2025	Jul	22	(Tue)	05:09	05:59	69	12:26	86N	18:52	291	19:43
2025	Jul	23	(Wed)	05:09	05:59	69	12:26	86N	18:52	291	19:42

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

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

2025	Dec 15	(Mon)	05:47	06:37	114	12:14	52S	17:52	246	18:42
2025	Dec 16	(Tue)	05:48	06:38	114	12:15	52S	17:52	246	18:42
2025	Dec 17	(Wed)	05:48	06:38	114	12:15	52S	17:52	246	18:43
2025	Dec 18	(Thu)	05:49	06:39	114	12:16	52S	17:53	246	18:43
2025	Dec 19	(Fri)	05:49	06:40	114	12:16	52S	17:53	246	18:44
2025	Dec 20	(Sat)	05:50	06:40	114	12:17	52S	17:54	246	18:44
2025	Dec 21	(Sun)	05:50	06:41	114	12:17	52S	17:54	246	18:44
2025	Dec 22	(Mon)	05:51	06:41	114	12:18	52S	17:55	246	18:45
2025	Dec 23	(Tue)	05:51	06:42	114	12:18	52S	17:55	246	18:45
2025	Dec 24	(Wed)	05:52	06:42	114	12:19	52S	17:56	246	18:46
2025	Dec 25	(Thu)	05:52	06:42	114	12:19	52S	17:56	246	18:47
2025	Dec 26	(Fri)	05:53	06:43	114	12:20	52S	17:57	246	18:47
2025	Dec 27	(Sat)	05:53	06:43	114	12:20	52S	17:57	246	18:48
2025	Dec 28	(Sun)	05:54	06:44	114	12:21	52S	17:58	246	18:48
2025	Dec 29	(Mon)	05:54	06:44	114	12:21	52S	17:59	246	18:49
2025	Dec 30	(Tue)	05:55	06:45	114	12:22	52S	17:59	246	18:49
2025	Dec 31	(Wed)	05:55	06:45	114	12:22	52S	18:00	246	18:50

Sun

Chai Nat

Location: E100°09'10.8", N15°10'55.2", 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)	06:22	06:46	114	12:23	53S	18:00	246	18:24
2025	Jan 02	(Thu)	06:23	06:46	114	12:23	53S	18:01	246	18:24
2025	Jan 03	(Fri)	06:23	06:46	113	12:24	53S	18:02	247	18:25
2025	Jan 04	(Sat)	06:23	06:47	113	12:24	53S	18:02	247	18:25
2025	Jan 05	(Sun)	06:24	06:47	113	12:25	53S	18:03	247	18:26
2025	Jan 06	(Mon)	06:24	06:47	113	12:25	53S	18:03	247	18:27
2025	Jan 07	(Tue)	06:24	06:47	113	12:26	53S	18:04	247	18:27
2025	Jan 08	(Wed)	06:25	06:48	113	12:26	53S	18:05	247	18:28
2025	Jan 09	(Thu)	06:25	06:48	113	12:26	53S	18:05	247	18:28
2025	Jan 10	(Fri)	06:25	06:48	113	12:27	54S	18:06	248	18:29
2025	Jan 11	(Sat)	06:25	06:48	112	12:27	54S	18:06	248	18:29
2025	Jan 12	(Sun)	06:26	06:49	112	12:28	54S	18:07	248	18:30
2025	Jan 13	(Mon)	06:26	06:49	112	12:28	54S	18:07	248	18:30
2025	Jan 14	(Tue)	06:26	06:49	112	12:28	54S	18:08	248	18:31
2025	Jan 15	(Wed)	06:26	06:49	112	12:29	54S	18:09	248	18:32
2025	Jan 16	(Thu)	06:26	06:49	111	12:29	55S	18:09	249	18:32
2025	Jan 17	(Fri)	06:26	06:49	111	12:29	55S	18:10	249	18:33
2025	Jan 18	(Sat)	06:27	06:49	111	12:30	55S	18:10	249	18:33
2025	Jan 19	(Sun)	06:27	06:49	111	12:30	55S	18:11	249	18:34
2025	Jan 20	(Mon)	06:27	06:49	111	12:30	55S	18:11	249	18:34
2025	Jan 21	(Tue)	06:27	06:49	110	12:31	56S	18:12	250	18:35
2025	Jan 22	(Wed)	06:27	06:49	110	12:31	56S	18:13	250	18:35
2025	Jan 23	(Thu)	06:27	06:49	110	12:31	56S	18:13	250	18:36
2025	Jan 24	(Fri)	06:27	06:49	110	12:31	56S	18:14	250	18:36
2025	Jan 25	(Sat)	06:27	06:49	109	12:32	57S	18:14	251	18:37
2025	Jan 26	(Sun)	06:27	06:49	109	12:32	57S	18:15	251	18:37
2025	Jan 27	(Mon)	06:27	06:49	109	12:32	57S	18:15	251	18:38
2025	Jan 28	(Tue)	06:27	06:49	109	12:32	57S	18:16	251	18:38
2025	Jan 29	(Wed)	06:26	06:49	108	12:32	58S	18:16	252	18:39
2025	Jan 30	(Thu)	06:26	06:49	108	12:33	58S	18:17	252	18:39
2025	Jan 31	(Fri)	06:26	06:49	108	12:33	58S	18:17	252	18:40
2025	Feb 01	(Sat)	06:26	06:48	107	12:33	59S	18:18	253	18:40
2025	Feb 02	(Sun)	06:26	06:48	107	12:33	59S	18:18	253	18:40
2025	Feb 03	(Mon)	06:26	06:48	107	12:33	59S	18:19	253	18:41
2025	Feb 04	(Tue)	06:26	06:48	107	12:33	59S	18:19	254	18:41
2025	Feb 05	(Wed)	06:25	06:47	106	12:33	60S	18:19	254	18:42
2025	Feb 06	(Thu)	06:25	06:47	106	12:33	60S	18:20	254	18:42
2025	Feb 07	(Fri)	06:25	06:47	106	12:33	60S	18:20	255	18:42
2025	Feb 08	(Sat)	06:24	06:47	105	12:34	61S	18:21	255	18:43
2025	Feb 09	(Sun)	06:24	06:46	105	12:34	61S	18:21	255	18:43
2025	Feb 10	(Mon)	06:24	06:46	105	12:34	61S	18:21	256	18:43
2025	Feb 11	(Tue)	06:24	06:46	104	12:34	62S	18:22	256	18:44

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

2025	Apr	25	(Fri)	05:37	05:59	76	12:17	89S	18:36	284	18:58
2025	Apr	26	(Sat)	05:37	05:59	76	12:17	89S	18:36	284	18:58
2025	Apr	27	(Sun)	05:36	05:58	75	12:17	89S	18:36	285	18:58
2025	Apr	28	(Mon)	05:35	05:58	75	12:17	90S	18:36	285	18:59
2025	Apr	29	(Tue)	05:35	05:57	75	12:17	90S	18:37	285	18:59
2025	Apr	30	(Wed)	05:34	05:57	74	12:17	90S	18:37	286	18:59
2025	May	01	(Thu)	05:34	05:56	74	12:16	91S	18:37	286	18:59
2025	May	02	(Fri)	05:33	05:56	74	12:16	90N	18:37	286	19:00
2025	May	03	(Sat)	05:33	05:55	74	12:16	90N	18:37	287	19:00
2025	May	04	(Sun)	05:32	05:55	73	12:16	90N	18:38	287	19:00
2025	May	05	(Mon)	05:32	05:54	73	12:16	90N	18:38	287	19:01
2025	May	06	(Tue)	05:31	05:54	73	12:16	89N	18:38	288	19:01
2025	May	07	(Wed)	05:31	05:54	72	12:16	89N	18:39	288	19:01
2025	May	08	(Thu)	05:31	05:53	72	12:16	89N	18:39	288	19:01
2025	May	09	(Fri)	05:30	05:53	72	12:16	88N	18:39	288	19:02
2025	May	10	(Sat)	05:30	05:52	71	12:16	88N	18:39	289	19:02
2025	May	11	(Sun)	05:29	05:52	71	12:16	88N	18:40	289	19:02
2025	May	12	(Mon)	05:29	05:52	71	12:16	88N	18:40	289	19:03
2025	May	13	(Tue)	05:29	05:51	71	12:16	87N	18:40	289	19:03
2025	May	14	(Wed)	05:28	05:51	70	12:16	87N	18:41	290	19:03
2025	May	15	(Thu)	05:28	05:51	70	12:16	87N	18:41	290	19:04
2025	May	16	(Fri)	05:28	05:51	70	12:16	87N	18:41	290	19:04
2025	May	17	(Sat)	05:27	05:50	70	12:16	87N	18:41	290	19:04
2025	May	18	(Sun)	05:27	05:50	69	12:16	86N	18:42	291	19:05
2025	May	19	(Mon)	05:27	05:50	69	12:16	86N	18:42	291	19:05
2025	May	20	(Tue)	05:27	05:50	69	12:16	86N	18:42	291	19:05
2025	May	21	(Wed)	05:26	05:49	69	12:16	86N	18:43	291	19:06
2025	May	22	(Thu)	05:26	05:49	69	12:16	85N	18:43	292	19:06
2025	May	23	(Fri)	05:26	05:49	68	12:16	85N	18:43	292	19:07
2025	May	24	(Sat)	05:26	05:49	68	12:16	85N	18:44	292	19:07
2025	May	25	(Sun)	05:26	05:49	68	12:16	85N	18:44	292	19:07
2025	May	26	(Mon)	05:25	05:49	68	12:16	85N	18:44	292	19:08
2025	May	27	(Tue)	05:25	05:49	68	12:17	85N	18:45	292	19:08
2025	May	28	(Wed)	05:25	05:48	67	12:17	84N	18:45	293	19:08
2025	May	29	(Thu)	05:25	05:48	67	12:17	84N	18:45	293	19:09
2025	May	30	(Fri)	05:25	05:48	67	12:17	84N	18:46	293	19:09
2025	May	31	(Sat)	05:25	05:48	67	12:17	84N	18:46	293	19:09
2025	Jun	01	(Sun)	05:25	05:48	67	12:17	84N	18:46	293	19:10
2025	Jun	02	(Mon)	05:25	05:48	67	12:17	84N	18:47	293	19:10
2025	Jun	03	(Tue)	05:25	05:48	67	12:18	84N	18:47	293	19:11
2025	Jun	04	(Wed)	05:25	05:48	66	12:18	83N	18:47	294	19:11
2025	Jun	05	(Thu)	05:25	05:48	66	12:18	83N	18:48	294	19:11
2025	Jun	06	(Fri)	05:25	05:48	66	12:18	83N	18:48	294	19:12
2025	Jun	07	(Sat)	05:25	05:48	66	12:18	83N	18:48	294	19:12
2025	Jun	08	(Sun)	05:25	05:48	66	12:18	83N	18:49	294	19:12
2025	Jun	09	(Mon)	05:25	05:48	66	12:19	83N	18:49	294	19:13
2025	Jun	10	(Tue)	05:25	05:49	66	12:19	83N	18:49	294	19:13
2025	Jun	11	(Wed)	05:25	05:49	66	12:19	83N	18:49	294	19:13
2025	Jun	12	(Thu)	05:25	05:49	66	12:19	83N	18:50	294	19:13
2025	Jun	13	(Fri)	05:25	05:49	66	12:19	83N	18:50	294	19:14
2025	Jun	14	(Sat)	05:25	05:49	66	12:20	83N	18:50	294	19:14
2025	Jun	15	(Sun)	05:26	05:49	66	12:20	83N	18:51	294	19:14
2025	Jun	16	(Mon)	05:26	05:49	66	12:20	83N	18:51	295	19:15
2025	Jun	17	(Tue)	05:26	05:50	65	12:20	83N	18:51	295	19:15
2025	Jun	18	(Wed)	05:26	05:50	65	12:21	82N	18:51	295	19:15
2025	Jun	19	(Thu)	05:26	05:50	65	12:21	82N	18:52	295	19:15
2025	Jun	20	(Fri)	05:26	05:50	65	12:21	82N	18:52	295	19:16
2025	Jun	21	(Sat)	05:27	05:50	65	12:21	82N	18:52	295	19:16
2025	Jun	22	(Sun)	05:27	05:51	65	12:21	82N	18:52	295	19:16
2025	Jun	23	(Mon)	05:27	05:51	65	12:22	82N	18:52	295	19:16
2025	Jun	24	(Tue)	05:27	05:51	65	12:22	82N	18:53	295	19:16
2025	Jun	25	(Wed)	05:28	05:51	65	12:22	83N	18:53	295	19:17
2025	Jun	26	(Thu)	05:28	05:52	65	12:22	83N	18:53	294	19:17
2025	Jun	27	(Fri)	05:28	05:52	66	12:22	83N	18:53	294	19:17
2025	Jun	28	(Sat)	05:28	05:52	66	12:23	83N	18:53	294	19:17
2025	Jun	29	(Sun)	05:29	05:52	66	12:23	83N	18:53	294	19:17
2025	Jun	30	(Mon)	05:29	05:53	66	12:23	83N	18:54	294	19:17
2025	Jul	01	(Tue)	05:29	05:53	66	12:23	83N	18:54	294	19:17
2025	Jul	02	(Wed)	05:30	05:53	66	12:23	83N	18:54	294	19:17
2025	Jul	03	(Thu)	05:30	05:53	66	12:24	83N	18:54	294	19:17
2025	Jul	04	(Fri)	05:30	05:54	66	12:24	83N	18:54	294	19:17
2025	Jul	05	(Sat)	05:30	05:54	66	12:24	83N	18:54	294	19:18

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

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

2025	Nov	27	(Thu)	06:04	06:27	112	12:07	54S	17:47	248	18:10
2025	Nov	28	(Fri)	06:05	06:28	112	12:07	54S	17:47	248	18:10
2025	Nov	29	(Sat)	06:05	06:28	112	12:08	54S	17:47	248	18:10
2025	Nov	30	(Sun)	06:06	06:29	112	12:08	54S	17:47	248	18:10
2025	Dec	01	(Mon)	06:06	06:30	112	12:08	54S	17:47	248	18:10
2025	Dec	02	(Tue)	06:07	06:30	113	12:09	54S	17:47	247	18:10
2025	Dec	03	(Wed)	06:08	06:31	113	12:09	53S	17:48	247	18:11
2025	Dec	04	(Thu)	06:08	06:31	113	12:10	53S	17:48	247	18:11
2025	Dec	05	(Fri)	06:09	06:32	113	12:10	53S	17:48	247	18:11
2025	Dec	06	(Sat)	06:09	06:32	113	12:10	53S	17:48	247	18:12
2025	Dec	07	(Sun)	06:10	06:33	113	12:11	53S	17:49	247	18:12
2025	Dec	08	(Mon)	06:10	06:33	113	12:11	53S	17:49	247	18:12
2025	Dec	09	(Tue)	06:11	06:34	113	12:12	53S	17:49	247	18:13
2025	Dec	10	(Wed)	06:11	06:35	114	12:12	53S	17:50	246	18:13
2025	Dec	11	(Thu)	06:12	06:35	114	12:13	53S	17:50	246	18:13
2025	Dec	12	(Fri)	06:12	06:36	114	12:13	52S	17:50	246	18:14
2025	Dec	13	(Sat)	06:13	06:36	114	12:14	52S	17:51	246	18:14
2025	Dec	14	(Sun)	06:14	06:37	114	12:14	52S	17:51	246	18:14
2025	Dec	15	(Mon)	06:14	06:37	114	12:14	52S	17:52	246	18:15
2025	Dec	16	(Tue)	06:15	06:38	114	12:15	52S	17:52	246	18:15
2025	Dec	17	(Wed)	06:15	06:38	114	12:15	52S	17:52	246	18:16
2025	Dec	18	(Thu)	06:16	06:39	114	12:16	52S	17:53	246	18:16
2025	Dec	19	(Fri)	06:16	06:40	114	12:16	52S	17:53	246	18:17
2025	Dec	20	(Sat)	06:17	06:40	114	12:17	52S	17:54	246	18:17
2025	Dec	21	(Sun)	06:17	06:41	114	12:17	52S	17:54	246	18:18
2025	Dec	22	(Mon)	06:18	06:41	114	12:18	52S	17:55	246	18:18
2025	Dec	23	(Tue)	06:18	06:42	114	12:18	52S	17:55	246	18:19
2025	Dec	24	(Wed)	06:19	06:42	114	12:19	52S	17:56	246	18:19
2025	Dec	25	(Thu)	06:19	06:42	114	12:19	52S	17:56	246	18:20
2025	Dec	26	(Fri)	06:20	06:43	114	12:20	52S	17:57	246	18:20
2025	Dec	27	(Sat)	06:20	06:43	114	12:20	52S	17:57	246	18:21
2025	Dec	28	(Sun)	06:21	06:44	114	12:21	52S	17:58	246	18:21
2025	Dec	29	(Mon)	06:21	06:44	114	12:21	52S	17:59	246	18:22
2025	Dec	30	(Tue)	06:21	06:45	114	12:22	52S	17:59	246	18:22
2025	Dec	31	(Wed)	06:22	06:45	114	12:22	52S	18:00	246	18:23

Moon

Chai Nat

Location: E100°09'10.8", N15°10'55.2", 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)	07:55	117		13:37	50S	19:22 245
2025	Jan	02	(Thu)	08:45	113		14:32	54S	20:21 249
2025	Jan	03	(Fri)	09:31	108		15:23	59S	21:19 255
2025	Jan	04	(Sat)	10:13	101		16:12	66S	22:15 262
2025	Jan	05	(Sun)	10:54	94		17:00	73S	23:10 269
2025	Jan	06	(Mon)	11:33	87		17:47	80S	
2025	Jan	07	(Tue)	12:13	80		18:35	87S	00:05 276
2025	Jan	08	(Wed)	12:56	74		19:26	89N	01:02 283
2025	Jan	09	(Thu)	13:42	68		20:20	83N	02:00 289
2025	Jan	10	(Fri)	14:34	64		21:19	79N	03:02 294
2025	Jan	11	(Sat)	15:30	61		22:19	77N	04:06 298
2025	Jan	12	(Sun)	16:31	60		23:21	77N	05:09 299
2025	Jan	13	(Mon)	17:33	62				06:10 299
2025	Jan	14	(Tue)	18:34	65		00:20	79N	07:05 297
2025	Jan	15	(Wed)	19:31	70		01:15	83N	07:54 293
2025	Jan	16	(Thu)	20:24	75		02:06	87N	08:37 288
2025	Jan	17	(Fri)	21:14	81		02:51	89S	09:15 282
2025	Jan	18	(Sat)	22:01	87		03:34	83S	09:50 276
2025	Jan	19	(Sun)	22:47	93		04:14	77S	10:23 270
2025	Jan	20	(Mon)	23:33	99		04:53	71S	10:56 264
2025	Jan	21	(Tue)				05:33	65S	11:30 258
2025	Jan	22	(Wed)	00:20	105		06:14	60S	12:05 253
2025	Jan	23	(Thu)	01:09	110		06:57	55S	12:43 248
2025	Jan	24	(Fri)	02:00	114		07:44	51S	13:26 244
2025	Jan	25	(Sat)	02:54	117		08:35	48S	14:14 242

2025	Jan	26	(Sun)	03:51	119	09:30	46S	15:08	240
2025	Jan	27	(Mon)	04:48	120	10:27	47S	16:06	241
2025	Jan	28	(Tue)	05:44	118	11:24	48S	17:07	243
2025	Jan	29	(Wed)	06:36	115	12:21	52S	18:08	247
2025	Jan	30	(Thu)	07:25	110	13:15	57S	19:08	253
2025	Jan	31	(Fri)	08:09	104	14:06	63S	20:07	260
2025	Feb	01	(Sat)	08:51	97	14:56	70S	21:04	267
2025	Feb	02	(Sun)	09:32	89	15:44	78S	22:00	274
2025	Feb	03	(Mon)	10:12	82	16:33	85S	22:57	281
2025	Feb	04	(Tue)	10:55	75	17:23	90N	23:55	288
2025	Feb	05	(Wed)	11:40	69	18:16	85N		
2025	Feb	06	(Thu)	12:29	65	19:12	80N	00:56	293
2025	Feb	07	(Fri)	13:24	62	20:12	78N	01:58	297
2025	Feb	08	(Sat)	14:22	60	21:12	77N	03:01	299
2025	Feb	09	(Sun)	15:22	61	22:11	78N	04:01	300
2025	Feb	10	(Mon)	16:22	64	23:06	81N	04:57	298
2025	Feb	11	(Tue)	17:20	68	23:58	85N	05:47	294
2025	Feb	12	(Wed)	18:14	73			06:32	290
2025	Feb	13	(Thu)	19:05	78	00:45	91N	07:11	284
2025	Feb	14	(Fri)	19:54	85	01:28	85S	07:47	279
2025	Feb	15	(Sat)	20:40	91	02:09	79S	08:21	272
2025	Feb	16	(Sun)	21:26	97	02:49	73S	08:54	266
2025	Feb	17	(Mon)	22:13	103	03:28	67S	09:28	260
2025	Feb	18	(Tue)	23:01	108	04:09	62S	10:02	255
2025	Feb	19	(Wed)	23:50	113	04:51	57S	10:39	250
2025	Feb	20	(Thu)			05:36	52S	11:19	246
2025	Feb	21	(Fri)	00:43	116	06:24	49S	12:04	242
2025	Feb	22	(Sat)	01:38	119	07:17	47S	12:55	241
2025	Feb	23	(Sun)	02:34	120	08:12	46S	13:50	240
2025	Feb	24	(Mon)	03:29	119	09:08	47S	14:49	242
2025	Feb	25	(Tue)	04:23	117	10:05	50S	15:50	245
2025	Feb	26	(Wed)	05:13	112	11:00	54S	16:51	250
2025	Feb	27	(Thu)	06:00	107	11:53	60S	17:51	256
2025	Feb	28	(Fri)	06:44	100	12:45	67S	18:49	263
2025	Mar	01	(Sat)	07:26	93	13:35	74S	19:48	271
2025	Mar	02	(Sun)	08:07	85	14:25	82S	20:46	279
2025	Mar	03	(Mon)	08:50	78	15:16	89S	21:46	286
2025	Mar	04	(Tue)	09:36	71	16:10	86N	22:48	292
2025	Mar	05	(Wed)	10:25	66	17:07	81N	23:51	296
2025	Mar	06	(Thu)	11:19	62	18:06	78N		
2025	Mar	07	(Fri)	12:17	60	19:06	77N	00:55	299
2025	Mar	08	(Sat)	13:16	61	20:05	78N	01:56	300
2025	Mar	09	(Sun)	14:16	63	21:02	80N	02:53	299
2025	Mar	10	(Mon)	15:14	66	21:53	84N	03:44	296
2025	Mar	11	(Tue)	16:08	71	22:41	89N	04:30	292
2025	Mar	12	(Wed)	17:00	76	23:25	87S	05:10	286
2025	Mar	13	(Thu)	17:48	82			05:47	281
2025	Mar	14	(Fri)	18:35	88	00:07	81S	06:21	275
2025	Mar	15	(Sat)	19:21	95	00:47	75S	06:54	269
2025	Mar	16	(Sun)	20:08	101	01:26	69S	07:27	262
2025	Mar	17	(Mon)	20:55	106	02:06	64S	08:01	257
2025	Mar	18	(Tue)	21:44	111	02:47	58S	08:37	252
2025	Mar	19	(Wed)	22:35	115	03:31	54S	09:16	247
2025	Mar	20	(Thu)	23:28	118	04:18	50S	09:59	243
2025	Mar	21	(Fri)			05:08	47S	10:46	241
2025	Mar	22	(Sat)	00:23	120	06:01	46S	11:38	240
2025	Mar	23	(Sun)	01:17	120	06:55	47S	12:34	241
2025	Mar	24	(Mon)	02:11	118	07:51	48S	13:33	243
2025	Mar	25	(Tue)	03:01	115	08:45	52S	14:32	247
2025	Mar	26	(Wed)	03:48	110	09:38	57S	15:31	253
2025	Mar	27	(Thu)	04:33	104	10:30	63S	16:30	260
2025	Mar	28	(Fri)	05:15	97	11:20	71S	17:29	267
2025	Mar	29	(Sat)	05:57	89	12:10	78S	18:28	275
2025	Mar	30	(Sun)	06:41	81	13:02	86S	19:29	282
2025	Mar	31	(Mon)	07:26	74	13:57	89N	20:32	289
2025	Apr	01	(Tue)	08:15	68	14:54	83N	21:37	295
2025	Apr	02	(Wed)	09:09	63	15:55	79N	22:43	298
2025	Apr	03	(Thu)	10:08	61	16:57	77N	23:48	300
2025	Apr	04	(Fri)	11:09	60	17:59	77N		
2025	Apr	05	(Sat)	12:10	62	18:57	79N	00:48	299
2025	Apr	06	(Sun)	13:09	65	19:51	83N	01:42	297
2025	Apr	07	(Mon)	14:05	69	20:39	87N	02:29	293

2025 Apr 08 (Tue)	14:57 74	21:24 89S	03:11 288
2025 Apr 09 (Wed)	15:46 80	22:06 83S	03:48 283
2025 Apr 10 (Thu)	16:33 86	22:46 77S	04:23 277
2025 Apr 11 (Fri)	17:18 93	23:25 71S	04:56 271
2025 Apr 12 (Sat)	18:04 99		05:29 265
2025 Apr 13 (Sun)	18:51 104	00:05 66S	06:02 259
2025 Apr 14 (Mon)	19:39 109	00:45 60S	06:37 253
2025 Apr 15 (Tue)	20:30 114	01:28 55S	07:15 248
2025 Apr 16 (Wed)	21:22 117	02:14 51S	07:56 245
2025 Apr 17 (Thu)	22:16 119	03:03 48S	08:42 242
2025 Apr 18 (Fri)	23:10 120	03:55 47S	09:32 240
2025 Apr 19 (Sat)		04:48 46S	10:26 240
2025 Apr 20 (Sun)	00:03 119	05:42 48S	11:22 242
2025 Apr 21 (Mon)	00:53 116	06:35 51S	12:20 246
2025 Apr 22 (Tue)	01:40 112	07:27 55S	13:17 250
2025 Apr 23 (Wed)	02:24 107	08:18 60S	14:14 256
2025 Apr 24 (Thu)	03:06 100	09:07 67S	15:11 263
2025 Apr 25 (Fri)	03:47 93	09:56 74S	16:08 271
2025 Apr 26 (Sat)	04:29 85	10:46 82S	17:07 278
2025 Apr 27 (Sun)	05:13 78	11:39 89S	18:10 286
2025 Apr 28 (Mon)	06:01 71	12:36 86N	19:15 292
2025 Apr 29 (Tue)	06:54 66	13:37 81N	20:23 297
2025 Apr 30 (Wed)	07:52 62	14:41 78N	21:31 299
2025 May 01 (Thu)	08:54 60	15:45 77N	22:35 300
2025 May 02 (Fri)	09:58 61	16:47 78N	23:34 298
2025 May 03 (Sat)	11:00 64	17:44 81N	
2025 May 04 (Sun)	11:58 68	18:36 86N	00:25 294
2025 May 05 (Mon)	12:52 73	19:22 91N	01:09 290
2025 May 06 (Tue)	13:43 78	20:05 85S	01:49 284
2025 May 07 (Wed)	14:30 85	20:46 79S	02:24 278
2025 May 08 (Thu)	15:16 91	21:25 73S	02:58 272
2025 May 09 (Fri)	16:02 97	22:04 67S	03:30 266
2025 May 10 (Sat)	16:48 102	22:44 62S	04:03 260
2025 May 11 (Sun)	17:36 108	23:27 57S	04:38 255
2025 May 12 (Mon)	18:26 112		05:15 250
2025 May 13 (Tue)	19:18 116	00:12 53S	05:55 246
2025 May 14 (Wed)	20:12 119	01:00 49S	06:40 243
2025 May 15 (Thu)	21:06 120	01:51 47S	07:29 241
2025 May 16 (Fri)	21:59 119	02:44 46S	08:22 240
2025 May 17 (Sat)	22:50 117	03:38 47S	09:17 242
2025 May 18 (Sun)	23:37 113	04:31 50S	10:14 244
2025 May 19 (Mon)		05:22 53S	11:10 249
2025 May 20 (Tue)	00:21 109	06:11 58S	12:05 254
2025 May 21 (Wed)	01:02 103	06:59 64S	13:00 261
2025 May 22 (Thu)	01:42 96	07:46 71S	13:55 268
2025 May 23 (Fri)	02:21 89	08:34 78S	14:51 275
2025 May 24 (Sat)	03:03 81	09:24 85S	15:50 282
2025 May 25 (Sun)	03:47 74	10:18 89N	16:52 289
2025 May 26 (Mon)	04:37 68	11:16 83N	17:59 294
2025 May 27 (Tue)	05:33 64	12:19 79N	19:07 298
2025 May 28 (Wed)	06:34 61	13:24 77N	20:15 300
2025 May 29 (Thu)	07:39 61	14:29 78N	21:18 299
2025 May 30 (Fri)	08:44 62	15:31 80N	22:14 296
2025 May 31 (Sat)	09:46 66	16:26 84N	23:03 291
2025 Jun 01 (Sun)	10:43 71	17:16 89N	23:46 286
2025 Jun 02 (Mon)	11:36 77	18:02 87S	
2025 Jun 03 (Tue)	12:26 83	18:44 81S	00:23 280
2025 Jun 04 (Wed)	13:13 89	19:24 75S	00:58 274
2025 Jun 05 (Thu)	13:59 95	20:03 69S	01:31 268
2025 Jun 06 (Fri)	14:45 101	20:43 64S	02:04 262
2025 Jun 07 (Sat)	15:32 106	21:24 58S	02:38 257
2025 Jun 08 (Sun)	16:21 111	22:08 54S	03:14 252
2025 Jun 09 (Mon)	17:12 115	22:55 50S	03:53 247
2025 Jun 10 (Tue)	18:06 118	23:46 48S	04:37 244
2025 Jun 11 (Wed)	19:01 119		05:25 241
2025 Jun 12 (Thu)	19:55 119	00:39 47S	06:17 240
2025 Jun 13 (Fri)	20:47 118	01:33 47S	07:12 241
2025 Jun 14 (Sat)	21:35 114	02:27 49S	08:09 244
2025 Jun 15 (Sun)	22:20 110	03:19 52S	09:06 248
2025 Jun 16 (Mon)	23:01 104	04:09 57S	10:01 253
2025 Jun 17 (Tue)	23:41 98	04:57 63S	10:55 259
2025 Jun 18 (Wed)		05:43 69S	11:49 265

2025 Jun 19 (Thu)	00:19 91	06:29 76S	12:43 272
2025 Jun 20 (Fri)	00:59 84	07:17 83S	13:39 280
2025 Jun 21 (Sat)	01:40 77	08:07 90S	14:38 286
2025 Jun 22 (Sun)	02:26 71	09:01 86N	15:40 292
2025 Jun 23 (Mon)	03:17 66	10:00 81N	16:46 297
2025 Jun 24 (Tue)	04:15 62	11:04 78N	17:54 299
2025 Jun 25 (Wed)	05:18 61	12:09 77N	18:59 299
2025 Jun 26 (Thu)	06:24 61	13:13 79N	19:59 297
2025 Jun 27 (Fri)	07:28 64	14:12 82N	20:52 294
2025 Jun 28 (Sat)	08:29 69	15:06 87N	21:38 289
2025 Jun 29 (Sun)	09:25 74	15:54 89S	22:19 283
2025 Jun 30 (Mon)	10:17 80	16:38 83S	22:55 277
2025 Jul 01 (Tue)	11:06 86	17:20 77S	23:30 270
2025 Jul 02 (Wed)	11:53 93	18:00 71S	
2025 Jul 03 (Thu)	12:39 99	18:40 65S	00:03 264
2025 Jul 04 (Fri)	13:26 104	19:21 60S	00:37 259
2025 Jul 05 (Sat)	14:15 109	20:04 55S	01:12 253
2025 Jul 06 (Sun)	15:05 114	20:50 51S	01:50 248
2025 Jul 07 (Mon)	15:58 117	21:39 48S	02:32 245
2025 Jul 08 (Tue)	16:53 119	22:31 47S	03:18 242
2025 Jul 09 (Wed)	17:48 120	23:26 47S	04:09 241
2025 Jul 10 (Thu)	18:41 118		05:04 241
2025 Jul 11 (Fri)	19:31 116	00:21 48S	06:02 243
2025 Jul 12 (Sat)	20:18 111	01:14 51S	06:59 246
2025 Jul 13 (Sun)	21:01 106	02:05 56S	07:56 251
2025 Jul 14 (Mon)	21:41 100	02:54 61S	08:51 257
2025 Jul 15 (Tue)	22:20 93	03:41 67S	09:46 264
2025 Jul 16 (Wed)	22:59 86	04:28 74S	10:39 271
2025 Jul 17 (Thu)	23:39 79	05:14 81S	11:34 278
2025 Jul 18 (Fri)		06:03 88S	12:30 284
2025 Jul 19 (Sat)	00:22 73	06:54 88N	13:30 290
2025 Jul 20 (Sun)	01:10 67	07:50 82N	14:33 295
2025 Jul 21 (Mon)	02:04 63	08:50 79N	15:39 298
2025 Jul 22 (Tue)	03:03 61	09:53 77N	16:44 300
2025 Jul 23 (Wed)	04:06 61	10:56 78N	17:45 298
2025 Jul 24 (Thu)	05:11 63	11:57 80N	18:40 295
2025 Jul 25 (Fri)	06:13 67	12:53 84N	19:29 291
2025 Jul 26 (Sat)	07:12 72	13:44 90N	20:12 285
2025 Jul 27 (Sun)	08:06 78	14:30 86S	20:51 279
2025 Jul 28 (Mon)	08:57 84	15:13 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	22:34 261
2025 Jul 31 (Thu)	11:19 102	17:16 62S	23:09 255
2025 Aug 01 (Fri)	12:07 108	17:58 57S	23:46 250
2025 Aug 02 (Sat)	12:57 112	18:43 53S	
2025 Aug 03 (Sun)	13:49 116	19:31 49S	00:26 246
2025 Aug 04 (Mon)	14:43 119	20:22 47S	01:11 243
2025 Aug 05 (Tue)	15:37 120	21:15 46S	02:00 241
2025 Aug 06 (Wed)	16:31 119	22:10 47S	02:53 240
2025 Aug 07 (Thu)	17:23 117	23:05 50S	03:50 242
2025 Aug 08 (Fri)	18:12 113	23:58 54S	04:48 245
2025 Aug 09 (Sat)	18:57 108		05:46 249
2025 Aug 10 (Sun)	19:39 102	00:48 59S	06:43 255
2025 Aug 11 (Mon)	20:19 95	01:37 65S	07:39 261
2025 Aug 12 (Tue)	20:58 88	02:24 72S	08:34 268
2025 Aug 13 (Wed)	21:38 81	03:12 79S	09:29 276
2025 Aug 14 (Thu)	22:21 74	04:00 86S	10:26 283
2025 Aug 15 (Fri)	23:07 68	04:51 89N	11:25 289
2025 Aug 16 (Sat)	23:59 64	05:45 84N	12:26 294
2025 Aug 17 (Sun)		06:43 80N	13:30 298
2025 Aug 18 (Mon)	00:55 61	07:44 77N	14:34 300
2025 Aug 19 (Tue)	01:56 60	08:46 77N	15:36 299
2025 Aug 20 (Wed)	02:59 62	09:47 79N	16:32 297
2025 Aug 21 (Thu)	04:01 65	10:43 82N	17:22 293
2025 Aug 22 (Fri)	05:00 69	11:35 87N	18:07 288
2025 Aug 23 (Sat)	05:55 75	12:23 89S	18:47 282
2025 Aug 24 (Sun)	06:47 81	13:07 82S	19:24 276
2025 Aug 25 (Mon)	07:37 88	13:49 76S	19:58 269
2025 Aug 26 (Tue)	08:24 94	14:30 70S	20:32 263
2025 Aug 27 (Wed)	09:12 100	15:11 64S	21:07 257
2025 Aug 28 (Thu)	10:00 106	15:53 59S	21:43 252
2025 Aug 29 (Fri)	10:49 111	16:36 54S	22:22 247

2025 Aug 30 (Sat)	11:40 115	17:23 50S	23:04 244
2025 Aug 31 (Sun)	12:32 118	18:12 48S	23:51 241
2025 Sep 01 (Mon)	13:26 119	19:04 46S	
2025 Sep 02 (Tue)	14:20 120	19:58 47S	00:42 240
2025 Sep 03 (Wed)	15:12 118	20:52 48S	01:36 241
2025 Sep 04 (Thu)	16:02 115	21:46 52S	02:33 243
2025 Sep 05 (Fri)	16:48 111	22:37 56S	03:31 247
2025 Sep 06 (Sat)	17:32 105	23:27 62S	04:29 252
2025 Sep 07 (Sun)	18:13 98		05:26 258
2025 Sep 08 (Mon)	18:54 91	00:16 69S	06:22 265
2025 Sep 09 (Tue)	19:35 84	01:04 76S	07:19 273
2025 Sep 10 (Wed)	20:18 77	01:54 83S	08:16 280
2025 Sep 11 (Thu)	21:04 70	02:45 90S	09:16 287
2025 Sep 12 (Fri)	21:54 65	03:39 85N	10:19 293
2025 Sep 13 (Sat)	22:50 62	04:37 81N	11:23 297
2025 Sep 14 (Sun)	23:50 60	05:38 78N	12:28 299
2025 Sep 15 (Mon)		06:40 77N	13:30 300
2025 Sep 16 (Tue)	00:52 61	07:41 78N	14:28 298
2025 Sep 17 (Wed)	01:54 64	08:38 81N	15:19 294
2025 Sep 18 (Thu)	02:53 68	09:31 85N	16:05 290
2025 Sep 19 (Fri)	03:49 73	10:19 91S	16:45 284
2025 Sep 20 (Sat)	04:41 79	11:03 85S	17:22 278
2025 Sep 21 (Sun)	05:30 85	11:46 79S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:26 72S	18:31 265
2025 Sep 23 (Tue)	07:06 98	13:07 66S	19:05 259
2025 Sep 24 (Wed)	07:53 104	13:48 61S	19:41 254
2025 Sep 25 (Thu)	08:42 109	14:31 56S	20:18 249
2025 Sep 26 (Fri)	09:32 113	15:17 52S	20:59 245
2025 Sep 27 (Sat)	10:24 117	16:05 49S	21:44 242
2025 Sep 28 (Sun)	11:17 119	16:55 47S	22:33 240
2025 Sep 29 (Mon)	12:10 120	17:48 46S	23:25 240
2025 Sep 30 (Tue)	13:02 119	18:41 47S	
2025 Oct 01 (Wed)	13:52 117	19:33 50S	00:20 242
2025 Oct 02 (Thu)	14:39 113	20:25 54S	01:17 245
2025 Oct 03 (Fri)	15:23 108	21:15 59S	02:13 249
2025 Oct 04 (Sat)	16:05 102	22:03 65S	03:10 255
2025 Oct 05 (Sun)	16:45 95	22:52 72S	04:06 262
2025 Oct 06 (Mon)	17:26 87	23:41 80S	05:02 269
2025 Oct 07 (Tue)	18:09 80		06:00 276
2025 Oct 08 (Wed)	18:55 73	00:32 87S	07:00 284
2025 Oct 09 (Thu)	19:45 67	01:27 88N	08:04 290
2025 Oct 10 (Fri)	20:41 63	02:26 82N	09:10 295
2025 Oct 11 (Sat)	21:42 61	03:28 79N	10:17 299
2025 Oct 12 (Sun)	22:45 61	04:32 77N	11:23 300
2025 Oct 13 (Mon)	23:48 63	05:35 78N	12:23 298
2025 Oct 14 (Tue)		06:34 80N	13:17 296
2025 Oct 15 (Wed)	00:48 66	07:28 84N	14:04 291
2025 Oct 16 (Thu)	01:45 71	08:17 89N	14:46 286
2025 Oct 17 (Fri)	02:37 77	09:02 87S	15:23 280
2025 Oct 18 (Sat)	03:27 83	09:44 81S	15:58 274
2025 Oct 19 (Sun)	04:15 89	10:25 74S	16:32 268
2025 Oct 20 (Mon)	05:02 96	11:05 68S	17:06 262
2025 Oct 21 (Tue)	05:49 101	11:46 63S	17:41 256
2025 Oct 22 (Wed)	06:37 107	12:28 58S	18:17 251
2025 Oct 23 (Thu)	07:27 112	13:13 53S	18:57 246
2025 Oct 24 (Fri)	08:18 116	14:00 50S	19:40 243
2025 Oct 25 (Sat)	09:10 118	14:50 47S	20:28 241
2025 Oct 26 (Sun)	10:03 120	15:41 46S	21:18 240
2025 Oct 27 (Mon)	10:55 119	16:33 47S	22:12 241
2025 Oct 28 (Tue)	11:45 118	17:25 49S	23:07 244
2025 Oct 29 (Wed)	12:32 115	18:15 52S	
2025 Oct 30 (Thu)	13:15 110	19:04 57S	00:02 247
2025 Oct 31 (Fri)	13:57 105	19:52 62S	00:56 252
2025 Nov 01 (Sat)	14:37 98	20:39 69S	01:50 258
2025 Nov 02 (Sun)	15:16 91	21:27 76S	02:45 265
2025 Nov 03 (Mon)	15:57 84	22:16 83S	03:41 273
2025 Nov 04 (Tue)	16:41 77	23:09 90S	04:39 280
2025 Nov 05 (Wed)	17:30 70		05:41 287
2025 Nov 06 (Thu)	18:24 65	00:07 85N	06:47 293
2025 Nov 07 (Fri)	19:25 62	01:09 80N	07:56 297
2025 Nov 08 (Sat)	20:30 61	02:15 78N	09:06 299
2025 Nov 09 (Sun)	21:36 62	03:21 77N	10:11 299

2025 Nov 10 (Mon)	22:40 65	04:24 79N	11:09 297
2025 Nov 11 (Tue)	23:39 70	05:22 83N	12:00 293
2025 Nov 12 (Wed)		06:14 88N	12:45 287
2025 Nov 13 (Thu)	00:34 75	07:01 88S	13:24 282
2025 Nov 14 (Fri)	01:24 81	07:44 82S	14:00 276
2025 Nov 15 (Sat)	02:13 88	08:25 76S	14:34 269
2025 Nov 16 (Sun)	02:59 94	09:05 70S	15:07 263
2025 Nov 17 (Mon)	03:46 100	09:45 64S	15:42 258
2025 Nov 18 (Tue)	04:34 105	10:27 59S	16:18 252
2025 Nov 19 (Wed)	05:23 110	11:11 55S	16:56 248
2025 Nov 20 (Thu)	06:13 114	11:57 51S	17:38 244
2025 Nov 21 (Fri)	07:06 117	12:46 48S	18:25 242
2025 Nov 22 (Sat)	07:59 119	13:37 47S	19:14 241
2025 Nov 23 (Sun)	08:51 119	14:29 47S	20:07 241
2025 Nov 24 (Mon)	09:41 118	15:20 48S	21:01 243
2025 Nov 25 (Tue)	10:28 115	16:11 51S	21:55 246
2025 Nov 26 (Wed)	11:12 112	16:59 55S	22:49 251
2025 Nov 27 (Thu)	11:53 107	17:46 60S	23:42 256
2025 Nov 28 (Fri)	12:32 101	18:31 66S	
2025 Nov 29 (Sat)	13:10 94	19:17 73S	00:34 263
2025 Nov 30 (Sun)	13:49 87	20:03 80S	01:27 269
2025 Dec 01 (Mon)	14:30 80	20:53 87S	02:22 276
2025 Dec 02 (Tue)	15:15 73	21:46 88N	03:20 283
2025 Dec 03 (Wed)	16:05 67	22:46 83N	04:23 290
2025 Dec 04 (Thu)	17:03 63	23:50 79N	05:30 295
2025 Dec 05 (Fri)	18:07 61		06:40 298
2025 Dec 06 (Sat)	19:14 61	00:58 77N	07:49 299
2025 Dec 07 (Sun)	20:22 64	02:04 78N	08:53 298
2025 Dec 08 (Mon)	21:25 68	03:07 81N	09:49 294
2025 Dec 09 (Tue)	22:24 73	04:04 86N	10:38 289
2025 Dec 10 (Wed)	23:18 79	04:54 90S	11:21 284
2025 Dec 11 (Thu)		05:40 84S	11:59 278
2025 Dec 12 (Fri)	00:08 86	06:23 78S	12:34 271
2025 Dec 13 (Sat)	00:56 92	07:04 72S	13:08 265
2025 Dec 14 (Sun)	01:43 98	07:44 66S	13:42 259
2025 Dec 15 (Mon)	02:30 104	08:25 61S	14:18 254
2025 Dec 16 (Tue)	03:19 109	09:08 56S	14:55 249
2025 Dec 17 (Wed)	04:09 113	09:54 52S	15:36 245
2025 Dec 18 (Thu)	05:01 117	10:42 49S	16:21 242
2025 Dec 19 (Fri)	05:54 119	11:32 47S	17:10 241
2025 Dec 20 (Sat)	06:46 119	12:24 47S	18:03 241
2025 Dec 21 (Sun)	07:38 119	13:17 48S	18:57 242
2025 Dec 22 (Mon)	08:26 116	14:08 50S	19:51 245
2025 Dec 23 (Tue)	09:11 113	14:57 54S	20:45 249
2025 Dec 24 (Wed)	09:53 108	15:44 59S	21:38 255
2025 Dec 25 (Thu)	10:32 102	16:29 65S	22:29 261
2025 Dec 26 (Fri)	11:09 96	17:13 71S	23:21 267
2025 Dec 27 (Sat)	11:47 89	17:58 78S	
2025 Dec 28 (Sun)	12:25 83	18:44 84S	00:13 274
2025 Dec 29 (Mon)	13:06 76	19:34 91N	01:08 281
2025 Dec 30 (Tue)	13:52 70	20:28 85N	02:06 287
2025 Dec 31 (Wed)	14:44 65	21:28 81N	03:08 293