

Sun

Uthai Thani

Location: E 99°58'26.4", N15°25'01.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

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

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

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

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

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

Sun

Uthai Thani

Location: E 99°58'26.4", N15°25'01.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
			h m	h m	°	h m °	h m °		h m
2025	Jan 01	(Wed)	06:23	06:47	114	12:24 52S	18:01	246	18:24
2025	Jan 02	(Thu)	06:24	06:47	114	12:24 52S	18:01	246	18:25
2025	Jan 03	(Fri)	06:24	06:47	113	12:25 52S	18:02	247	18:25
2025	Jan 04	(Sat)	06:24	06:48	113	12:25 53S	18:02	247	18:26
2025	Jan 05	(Sun)	06:25	06:48	113	12:26 53S	18:03	247	18:26
2025	Jan 06	(Mon)	06:25	06:48	113	12:26 53S	18:04	247	18:27
2025	Jan 07	(Tue)	06:25	06:49	113	12:26 53S	18:04	247	18:27
2025	Jan 08	(Wed)	06:26	06:49	113	12:27 53S	18:05	247	18:28
2025	Jan 09	(Thu)	06:26	06:49	113	12:27 53S	18:05	247	18:29
2025	Jan 10	(Fri)	06:26	06:49	113	12:28 53S	18:06	248	18:29
2025	Jan 11	(Sat)	06:26	06:50	112	12:28 54S	18:07	248	18:30
2025	Jan 12	(Sun)	06:27	06:50	112	12:28 54S	18:07	248	18:30
2025	Jan 13	(Mon)	06:27	06:50	112	12:29 54S	18:08	248	18:31
2025	Jan 14	(Tue)	06:27	06:50	112	12:29 54S	18:08	248	18:31
2025	Jan 15	(Wed)	06:27	06:50	112	12:30 54S	18:09	248	18:32
2025	Jan 16	(Thu)	06:27	06:50	112	12:30 54S	18:10	249	18:32
2025	Jan 17	(Fri)	06:27	06:50	111	12:30 55S	18:10	249	18:33
2025	Jan 18	(Sat)	06:28	06:50	111	12:30 55S	18:11	249	18:34
2025	Jan 19	(Sun)	06:28	06:50	111	12:31 55S	18:11	249	18:34
2025	Jan 20	(Mon)	06:28	06:51	111	12:31 55S	18:12	249	18:35
2025	Jan 21	(Tue)	06:28	06:51	110	12:31 55S	18:12	250	18:35
2025	Jan 22	(Wed)	06:28	06:51	110	12:32 56S	18:13	250	18:36
2025	Jan 23	(Thu)	06:28	06:51	110	12:32 56S	18:13	250	18:36
2025	Jan 24	(Fri)	06:28	06:50	110	12:32 56S	18:14	250	18:37
2025	Jan 25	(Sat)	06:28	06:50	109	12:32 56S	18:15	251	18:37
2025	Jan 26	(Sun)	06:28	06:50	109	12:33 57S	18:15	251	18:38
2025	Jan 27	(Mon)	06:28	06:50	109	12:33 57S	18:16	251	18:38
2025	Jan 28	(Tue)	06:28	06:50	109	12:33 57S	18:16	251	18:39
2025	Jan 29	(Wed)	06:27	06:50	108	12:33 57S	18:17	252	18:39
2025	Jan 30	(Thu)	06:27	06:50	108	12:33 58S	18:17	252	18:40
2025	Jan 31	(Fri)	06:27	06:50	108	12:34 58S	18:18	252	18:40
2025	Feb 01	(Sat)	06:27	06:49	108	12:34 58S	18:18	253	18:40
2025	Feb 02	(Sun)	06:27	06:49	107	12:34 59S	18:18	253	18:41
2025	Feb 03	(Mon)	06:27	06:49	107	12:34 59S	18:19	253	18:41
2025	Feb 04	(Tue)	06:26	06:49	107	12:34 59S	18:19	254	18:42
2025	Feb 05	(Wed)	06:26	06:48	106	12:34 59S	18:20	254	18:42
2025	Feb 06	(Thu)	06:26	06:48	106	12:34 60S	18:20	254	18:42
2025	Feb 07	(Fri)	06:26	06:48	106	12:34 60S	18:21	255	18:43
2025	Feb 08	(Sat)	06:25	06:48	105	12:34 60S	18:21	255	18:43
2025	Feb 09	(Sun)	06:25	06:47	105	12:34 61S	18:21	255	18:44
2025	Feb 10	(Mon)	06:25	06:47	105	12:34 61S	18:22	256	18:44
2025	Feb 11	(Tue)	06:24	06:47	104	12:34 61S	18:22	256	18:44

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

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

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

2025	Sep	16	(Tue)	05:47	06:09	87	12:15	78S	18:21	273	18:43
2025	Sep	17	(Wed)	05:47	06:09	87	12:15	77S	18:20	272	18:42
2025	Sep	18	(Thu)	05:47	06:09	88	12:14	77S	18:19	272	18:41
2025	Sep	19	(Fri)	05:47	06:09	88	12:14	77S	18:19	272	18:40
2025	Sep	20	(Sat)	05:48	06:09	89	12:14	76S	18:18	271	18:39
2025	Sep	21	(Sun)	05:48	06:09	89	12:13	76S	18:17	271	18:39
2025	Sep	22	(Mon)	05:48	06:09	89	12:13	76S	18:16	270	18:38
2025	Sep	23	(Tue)	05:48	06:09	90	12:12	75S	18:16	270	18:37
2025	Sep	24	(Wed)	05:48	06:09	90	12:12	75S	18:15	270	18:36
2025	Sep	25	(Thu)	05:48	06:09	91	12:12	74S	18:14	269	18:35
2025	Sep	26	(Fri)	05:48	06:09	91	12:11	74S	18:13	269	18:35
2025	Sep	27	(Sat)	05:48	06:10	91	12:11	74S	18:12	268	18:34
2025	Sep	28	(Sun)	05:48	06:10	92	12:11	73S	18:12	268	18:33
2025	Sep	29	(Mon)	05:48	06:10	92	12:10	73S	18:11	268	18:32
2025	Sep	30	(Tue)	05:48	06:10	93	12:10	72S	18:10	267	18:32
2025	Oct	01	(Wed)	05:48	06:10	93	12:10	72S	18:09	267	18:31
2025	Oct	02	(Thu)	05:49	06:10	93	12:09	72S	18:09	266	18:30
2025	Oct	03	(Fri)	05:49	06:10	94	12:09	71S	18:08	266	18:29
2025	Oct	04	(Sat)	05:49	06:10	94	12:09	71S	18:07	266	18:29
2025	Oct	05	(Sun)	05:49	06:10	95	12:09	70S	18:06	265	18:28
2025	Oct	06	(Mon)	05:49	06:11	95	12:08	70S	18:06	265	18:27
2025	Oct	07	(Tue)	05:49	06:11	95	12:08	70S	18:05	264	18:27
2025	Oct	08	(Wed)	05:49	06:11	96	12:08	69S	18:04	264	18:26
2025	Oct	09	(Thu)	05:49	06:11	96	12:07	69S	18:04	264	18:25
2025	Oct	10	(Fri)	05:50	06:11	97	12:07	69S	18:03	263	18:25
2025	Oct	11	(Sat)	05:50	06:11	97	12:07	68S	18:02	263	18:24
2025	Oct	12	(Sun)	05:50	06:11	97	12:07	68S	18:02	262	18:23
2025	Oct	13	(Mon)	05:50	06:12	98	12:06	67S	18:01	262	18:23
2025	Oct	14	(Tue)	05:50	06:12	98	12:06	67S	18:00	262	18:22
2025	Oct	15	(Wed)	05:50	06:12	99	12:06	67S	18:00	261	18:21
2025	Oct	16	(Thu)	05:50	06:12	99	12:06	66S	17:59	261	18:21
2025	Oct	17	(Fri)	05:51	06:12	99	12:05	66S	17:58	260	18:20
2025	Oct	18	(Sat)	05:51	06:13	100	12:05	66S	17:58	260	18:20
2025	Oct	19	(Sun)	05:51	06:13	100	12:05	65S	17:57	260	18:19
2025	Oct	20	(Mon)	05:51	06:13	100	12:05	65S	17:57	259	18:18
2025	Oct	21	(Tue)	05:51	06:13	101	12:05	65S	17:56	259	18:18
2025	Oct	22	(Wed)	05:52	06:13	101	12:05	64S	17:56	259	18:17
2025	Oct	23	(Thu)	05:52	06:14	102	12:04	64S	17:55	258	18:17
2025	Oct	24	(Fri)	05:52	06:14	102	12:04	63S	17:54	258	18:16
2025	Oct	25	(Sat)	05:52	06:14	102	12:04	63S	17:54	258	18:16
2025	Oct	26	(Sun)	05:53	06:15	103	12:04	63S	17:53	257	18:15
2025	Oct	27	(Mon)	05:53	06:15	103	12:04	62S	17:53	257	18:15
2025	Oct	28	(Tue)	05:53	06:15	103	12:04	62S	17:53	256	18:14
2025	Oct	29	(Wed)	05:53	06:15	104	12:04	62S	17:52	256	18:14
2025	Oct	30	(Thu)	05:54	06:16	104	12:04	61S	17:52	256	18:14
2025	Oct	31	(Fri)	05:54	06:16	104	12:04	61S	17:51	255	18:13
2025	Nov	01	(Sat)	05:54	06:16	105	12:04	61S	17:51	255	18:13
2025	Nov	02	(Sun)	05:55	06:17	105	12:04	60S	17:50	255	18:13
2025	Nov	03	(Mon)	05:55	06:17	105	12:04	60S	17:50	254	18:12
2025	Nov	04	(Tue)	05:55	06:17	106	12:04	60S	17:50	254	18:12
2025	Nov	05	(Wed)	05:56	06:18	106	12:04	60S	17:49	254	18:12
2025	Nov	06	(Thu)	05:56	06:18	106	12:04	59S	17:49	253	18:11
2025	Nov	07	(Fri)	05:56	06:19	107	12:04	59S	17:49	253	18:11
2025	Nov	08	(Sat)	05:57	06:19	107	12:04	59S	17:48	253	18:11
2025	Nov	09	(Sun)	05:57	06:19	107	12:04	58S	17:48	253	18:11
2025	Nov	10	(Mon)	05:57	06:20	108	12:04	58S	17:48	252	18:10
2025	Nov	11	(Tue)	05:58	06:20	108	12:04	58S	17:48	252	18:10
2025	Nov	12	(Wed)	05:58	06:21	108	12:04	58S	17:48	252	18:10
2025	Nov	13	(Thu)	05:59	06:21	108	12:04	57S	17:47	251	18:10
2025	Nov	14	(Fri)	05:59	06:22	109	12:05	57S	17:47	251	18:10
2025	Nov	15	(Sat)	06:00	06:22	109	12:05	57S	17:47	251	18:10
2025	Nov	16	(Sun)	06:00	06:23	109	12:05	56S	17:47	251	18:10
2025	Nov	17	(Mon)	06:00	06:23	109	12:05	56S	17:47	250	18:10
2025	Nov	18	(Tue)	06:01	06:24	110	12:05	56S	17:47	250	18:09
2025	Nov	19	(Wed)	06:01	06:24	110	12:05	56S	17:47	250	18:09
2025	Nov	20	(Thu)	06:02	06:25	110	12:06	56S	17:47	250	18:09
2025	Nov	21	(Fri)	06:02	06:25	110	12:06	55S	17:47	249	18:09
2025	Nov	22	(Sat)	06:03	06:26	111	12:06	55S	17:47	249	18:09
2025	Nov	23	(Sun)	06:03	06:26	111	12:06	55S	17:47	249	18:10
2025	Nov	24	(Mon)	06:04	06:27	111	12:07	55S	17:47	249	18:10
2025	Nov	25	(Tue)	06:04	06:27	111	12:07	54S	17:47	249	18:10
2025	Nov	26	(Wed)	06:05	06:28	112	12:07	54S	17:47	248	18:10

2025	Nov	27	(Thu)	06:05	06:28	112	12:08	54S	17:47	248	18:10
2025	Nov	28	(Fri)	06:06	06:29	112	12:08	54S	17:47	248	18:10
2025	Nov	29	(Sat)	06:06	06:29	112	12:08	54S	17:47	248	18:10
2025	Nov	30	(Sun)	06:07	06:30	112	12:09	54S	17:47	248	18:10
2025	Dec	01	(Mon)	06:08	06:31	112	12:09	53S	17:48	248	18:11
2025	Dec	02	(Tue)	06:08	06:31	113	12:09	53S	17:48	247	18:11
2025	Dec	03	(Wed)	06:09	06:32	113	12:10	53S	17:48	247	18:11
2025	Dec	04	(Thu)	06:09	06:32	113	12:10	53S	17:48	247	18:11
2025	Dec	05	(Fri)	06:10	06:33	113	12:11	53S	17:48	247	18:12
2025	Dec	06	(Sat)	06:10	06:33	113	12:11	53S	17:49	247	18:12
2025	Dec	07	(Sun)	06:11	06:34	113	12:12	53S	17:49	247	18:12
2025	Dec	08	(Mon)	06:11	06:35	113	12:12	53S	17:49	247	18:12
2025	Dec	09	(Tue)	06:12	06:35	113	12:12	52S	17:50	246	18:13
2025	Dec	10	(Wed)	06:12	06:36	114	12:13	52S	17:50	246	18:13
2025	Dec	11	(Thu)	06:13	06:36	114	12:13	52S	17:50	246	18:14
2025	Dec	12	(Fri)	06:14	06:37	114	12:14	52S	17:51	246	18:14
2025	Dec	13	(Sat)	06:14	06:37	114	12:14	52S	17:51	246	18:14
2025	Dec	14	(Sun)	06:15	06:38	114	12:15	52S	17:51	246	18:15
2025	Dec	15	(Mon)	06:15	06:39	114	12:15	52S	17:52	246	18:15
2025	Dec	16	(Tue)	06:16	06:39	114	12:16	52S	17:52	246	18:16
2025	Dec	17	(Wed)	06:16	06:40	114	12:16	52S	17:53	246	18:16
2025	Dec	18	(Thu)	06:17	06:40	114	12:17	52S	17:53	246	18:17
2025	Dec	19	(Fri)	06:17	06:41	114	12:17	52S	17:54	246	18:17
2025	Dec	20	(Sat)	06:18	06:41	114	12:18	52S	17:54	246	18:17
2025	Dec	21	(Sun)	06:18	06:42	114	12:18	52S	17:55	246	18:18
2025	Dec	22	(Mon)	06:19	06:42	114	12:19	52S	17:55	246	18:18
2025	Dec	23	(Tue)	06:19	06:43	114	12:19	52S	17:56	246	18:19
2025	Dec	24	(Wed)	06:20	06:43	114	12:20	52S	17:56	246	18:19
2025	Dec	25	(Thu)	06:20	06:44	114	12:20	52S	17:57	246	18:20
2025	Dec	26	(Fri)	06:21	06:44	114	12:21	52S	17:57	246	18:21
2025	Dec	27	(Sat)	06:21	06:45	114	12:21	52S	17:58	246	18:21
2025	Dec	28	(Sun)	06:22	06:45	114	12:22	52S	17:58	246	18:22
2025	Dec	29	(Mon)	06:22	06:45	114	12:22	52S	17:59	246	18:22
2025	Dec	30	(Tue)	06:22	06:46	114	12:23	52S	17:59	246	18:23
2025	Dec	31	(Wed)	06:23	06:46	114	12:23	52S	18:00	246	18:23

Moon

Uthai Thani

Location: E 99°58'26.4", N15°25'01.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:57	117		13:38	50S	19:22 245
2025	Jan	02	(Thu)	08:46	113		14:33	54S	20:22 249
2025	Jan	03	(Fri)	09:32	108		15:24	59S	21:20 255
2025	Jan	04	(Sat)	10:14	101		16:13	66S	22:16 262
2025	Jan	05	(Sun)	10:54	94		17:01	72S	23:11 269
2025	Jan	06	(Mon)	11:34	87		17:48	79S	
2025	Jan	07	(Tue)	12:14	80		18:36	86S	00:06 276
2025	Jan	08	(Wed)	12:56	74		19:27	89N	01:03 283
2025	Jan	09	(Thu)	13:42	68		20:21	84N	02:02 289
2025	Jan	10	(Fri)	14:34	64		21:19	80N	03:03 294
2025	Jan	11	(Sat)	15:31	61		22:20	78N	04:07 298
2025	Jan	12	(Sun)	16:31	60		23:22	78N	05:11 300
2025	Jan	13	(Mon)	17:33	62				06:11 299
2025	Jan	14	(Tue)	18:34	65	00:21	80N		07:06 297
2025	Jan	15	(Wed)	19:31	70	01:16	83N		07:55 293
2025	Jan	16	(Thu)	20:25	75	02:06	88N		08:38 288
2025	Jan	17	(Fri)	21:15	81	02:52	88S		09:16 282
2025	Jan	18	(Sat)	22:02	87	03:35	83S		09:51 276
2025	Jan	19	(Sun)	22:48	93	04:15	77S		10:24 270
2025	Jan	20	(Mon)	23:34	99	04:54	71S		10:57 264
2025	Jan	21	(Tue)			05:34	65S		11:30 258
2025	Jan	22	(Wed)	00:21	105	06:14	59S		12:05 253
2025	Jan	23	(Thu)	01:10	110	06:58	55S		12:44 248
2025	Jan	24	(Fri)	02:01	114	07:45	51S		13:26 244
2025	Jan	25	(Sat)	02:56	117	08:36	48S		14:14 242

2025 Jan 26 (Sun)	03:52 119	09:30 46S	15:08 240
2025 Jan 27 (Mon)	04:49 120	10:27 46S	16:06 241
2025 Jan 28 (Tue)	05:45 118	11:25 48S	17:07 243
2025 Jan 29 (Wed)	06:37 115	12:22 52S	18:09 247
2025 Jan 30 (Thu)	07:26 110	13:16 57S	19:09 253
2025 Jan 31 (Fri)	08:10 104	14:07 63S	20:07 260
2025 Feb 01 (Sat)	08:52 97	14:56 70S	21:04 267
2025 Feb 02 (Sun)	09:33 89	15:45 77S	22:01 274
2025 Feb 03 (Mon)	10:13 82	16:33 84S	22:58 281
2025 Feb 04 (Tue)	10:55 75	17:24 90N	23:56 288
2025 Feb 05 (Wed)	11:40 69	18:17 85N	
2025 Feb 06 (Thu)	12:30 65	19:13 81N	00:57 293
2025 Feb 07 (Fri)	13:24 62	20:12 78N	02:00 297
2025 Feb 08 (Sat)	14:22 60	21:12 77N	03:02 299
2025 Feb 09 (Sun)	15:23 61	22:11 79N	04:02 300
2025 Feb 10 (Mon)	16:23 64	23:07 81N	04:58 298
2025 Feb 11 (Tue)	17:20 68	23:58 86N	05:48 294
2025 Feb 12 (Wed)	18:15 73		06:33 290
2025 Feb 13 (Thu)	19:06 78	00:45 91S	07:12 284
2025 Feb 14 (Fri)	19:54 85	01:29 85S	07:48 279
2025 Feb 15 (Sat)	20:41 91	02:10 79S	08:22 272
2025 Feb 16 (Sun)	21:27 97	02:50 73S	08:55 266
2025 Feb 17 (Mon)	22:14 103	03:29 67S	09:28 260
2025 Feb 18 (Tue)	23:02 108	04:10 61S	10:02 255
2025 Feb 19 (Wed)	23:52 113	04:52 56S	10:39 250
2025 Feb 20 (Thu)		05:37 52S	11:20 246
2025 Feb 21 (Fri)	00:44 116	06:25 49S	12:05 242
2025 Feb 22 (Sat)	01:39 119	07:17 47S	12:55 240
2025 Feb 23 (Sun)	02:35 120	08:12 46S	13:50 240
2025 Feb 24 (Mon)	03:31 119	09:09 47S	14:49 242
2025 Feb 25 (Tue)	04:24 117	10:06 50S	15:50 245
2025 Feb 26 (Wed)	05:14 113	11:01 54S	16:51 250
2025 Feb 27 (Thu)	06:01 107	11:54 60S	17:51 256
2025 Feb 28 (Fri)	06:45 100	12:45 67S	18:50 263
2025 Mar 01 (Sat)	07:27 93	13:35 74S	19:48 271
2025 Mar 02 (Sun)	08:08 85	14:25 82S	20:47 279
2025 Mar 03 (Mon)	08:51 78	15:17 89S	21:47 286
2025 Mar 04 (Tue)	09:36 71	16:11 86N	22:49 292
2025 Mar 05 (Wed)	10:25 66	17:07 82N	23:53 296
2025 Mar 06 (Thu)	11:19 62	18:07 78N	
2025 Mar 07 (Fri)	12:17 60	19:07 77N	00:56 299
2025 Mar 08 (Sat)	13:17 60	20:06 78N	01:58 300
2025 Mar 09 (Sun)	14:16 62	21:02 80N	02:54 299
2025 Mar 10 (Mon)	15:14 66	21:54 84N	03:46 296
2025 Mar 11 (Tue)	16:09 71	22:42 89N	04:31 292
2025 Mar 12 (Wed)	17:00 76	23:26 87S	05:11 286
2025 Mar 13 (Thu)	17:49 82		05:48 281
2025 Mar 14 (Fri)	18:36 88	00:07 81S	06:22 275
2025 Mar 15 (Sat)	19:22 95	00:47 75S	06:55 269
2025 Mar 16 (Sun)	20:08 101	01:27 69S	07:28 262
2025 Mar 17 (Mon)	20:56 106	02:07 63S	08:02 257
2025 Mar 18 (Tue)	21:45 111	02:48 58S	08:37 251
2025 Mar 19 (Wed)	22:36 115	03:32 54S	09:16 247
2025 Mar 20 (Thu)	23:30 118	04:18 50S	09:59 243
2025 Mar 21 (Fri)		05:09 47S	10:46 241
2025 Mar 22 (Sat)	00:24 120	06:01 46S	11:38 240
2025 Mar 23 (Sun)	01:19 120	06:56 46S	12:34 241
2025 Mar 24 (Mon)	02:12 118	07:52 48S	13:33 243
2025 Mar 25 (Tue)	03:02 115	08:46 52S	14:33 247
2025 Mar 26 (Wed)	03:49 110	09:39 57S	15:32 253
2025 Mar 27 (Thu)	04:34 104	10:30 63S	16:31 260
2025 Mar 28 (Fri)	05:16 97	11:21 70S	17:29 267
2025 Mar 29 (Sat)	05:58 89	12:11 78S	18:29 275
2025 Mar 30 (Sun)	06:41 81	13:03 85S	19:30 282
2025 Mar 31 (Mon)	07:26 74	13:57 89N	20:33 289
2025 Apr 01 (Tue)	08:16 68	14:55 83N	21:38 295
2025 Apr 02 (Wed)	09:10 63	15:56 79N	22:45 298
2025 Apr 03 (Thu)	10:08 61	16:58 77N	23:49 300
2025 Apr 04 (Fri)	11:09 60	18:00 77N	
2025 Apr 05 (Sat)	12:10 62	18:58 79N	00:49 299
2025 Apr 06 (Sun)	13:09 65	19:51 83N	01:43 297
2025 Apr 07 (Mon)	14:05 69	20:40 87N	02:30 293

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

2025 Jun 19 (Thu)	00:20	91	06:30	76S	12:44	273
2025 Jun 20 (Fri)	00:59	84	07:17	83S	13:40	280
2025 Jun 21 (Sat)	01:41	77	08:08	89S	14:39	286
2025 Jun 22 (Sun)	02:27	71	09:02	86N	15:41	292
2025 Jun 23 (Mon)	03:18	66	10:01	81N	16:48	297
2025 Jun 24 (Tue)	04:15	62	11:04	78N	17:55	299
2025 Jun 25 (Wed)	05:18	60	12:10	78N	19:01	299
2025 Jun 26 (Thu)	06:24	61	13:13	79N	20:01	297
2025 Jun 27 (Fri)	07:28	64	14:13	82N	20:53	294
2025 Jun 28 (Sat)	08:29	69	15:06	87N	21:39	289
2025 Jun 29 (Sun)	09:26	74	15:55	89S	22:20	283
2025 Jun 30 (Mon)	10:18	80	16:39	83S	22:56	277
2025 Jul 01 (Tue)	11:07	86	17:20	77S	23:30	270
2025 Jul 02 (Wed)	11:54	93	18:00	71S		
2025 Jul 03 (Thu)	12:40	99	18:40	65S	00:04	264
2025 Jul 04 (Fri)	13:27	104	19:21	60S	00:37	259
2025 Jul 05 (Sat)	14:16	109	20:04	55S	01:12	253
2025 Jul 06 (Sun)	15:07	114	20:50	51S	01:50	248
2025 Jul 07 (Mon)	16:00	117	21:40	48S	02:32	245
2025 Jul 08 (Tue)	16:54	119	22:32	46S	03:19	242
2025 Jul 09 (Wed)	17:49	120	23:26	46S	04:10	240
2025 Jul 10 (Thu)	18:42	118			05:04	241
2025 Jul 11 (Fri)	19:32	116	00:21	48S	06:02	243
2025 Jul 12 (Sat)	20:19	111	01:15	51S	07:00	246
2025 Jul 13 (Sun)	21:02	106	02:06	55S	07:57	251
2025 Jul 14 (Mon)	21:42	100	02:55	61S	08:52	257
2025 Jul 15 (Tue)	22:21	93	03:42	67S	09:46	264
2025 Jul 16 (Wed)	22:59	86	04:28	74S	10:40	271
2025 Jul 17 (Thu)	23:39	79	05:15	81S	11:35	278
2025 Jul 18 (Fri)			06:03	88S	12:31	284
2025 Jul 19 (Sat)	00:22	73	06:55	88N	13:31	291
2025 Jul 20 (Sun)	01:10	67	07:51	83N	14:35	295
2025 Jul 21 (Mon)	02:04	63	08:51	79N	15:40	299
2025 Jul 22 (Tue)	03:03	61	09:54	77N	16:45	300
2025 Jul 23 (Wed)	04:07	61	10:57	78N	17:46	299
2025 Jul 24 (Thu)	05:11	63	11:58	80N	18:42	295
2025 Jul 25 (Fri)	06:13	66	12:54	85N	19:30	291
2025 Jul 26 (Sat)	07:12	72	13:45	90N	20:13	285
2025 Jul 27 (Sun)	08:06	78	14:31	86S	20:52	279
2025 Jul 28 (Mon)	08:57	84	15:14	80S	21:27	273
2025 Jul 29 (Tue)	09:46	90	15:55	73S	22:01	267
2025 Jul 30 (Wed)	10:33	96	16:36	67S	22:35	261
2025 Jul 31 (Thu)	11:20	102	17:16	62S	23:10	255
2025 Aug 01 (Fri)	12:08	108	17:59	57S	23:47	250
2025 Aug 02 (Sat)	12:58	112	18:44	52S		
2025 Aug 03 (Sun)	13:50	116	19:31	49S	00:27	246
2025 Aug 04 (Mon)	14:44	119	20:22	47S	01:11	243
2025 Aug 05 (Tue)	15:39	120	21:16	46S	02:00	241
2025 Aug 06 (Wed)	16:33	119	22:11	47S	02:53	240
2025 Aug 07 (Thu)	17:24	117	23:05	49S	03:50	242
2025 Aug 08 (Fri)	18:13	113	23:58	53S	04:48	245
2025 Aug 09 (Sat)	18:58	108			05:46	249
2025 Aug 10 (Sun)	19:40	102	00:49	59S	06:44	255
2025 Aug 11 (Mon)	20:20	95	01:38	65S	07:39	261
2025 Aug 12 (Tue)	20:59	88	02:25	72S	08:35	268
2025 Aug 13 (Wed)	21:39	81	03:12	79S	09:30	276
2025 Aug 14 (Thu)	22:21	74	04:01	86S	10:27	283
2025 Aug 15 (Fri)	23:08	68	04:52	89N	11:26	289
2025 Aug 16 (Sat)	23:59	64	05:46	84N	12:28	294
2025 Aug 17 (Sun)			06:44	80N	13:32	298
2025 Aug 18 (Mon)	00:55	61	07:45	78N	14:36	300
2025 Aug 19 (Tue)	01:56	60	08:47	77N	15:37	299
2025 Aug 20 (Wed)	02:59	62	09:47	79N	16:33	297
2025 Aug 21 (Thu)	04:01	65	10:44	83N	17:24	293
2025 Aug 22 (Fri)	05:00	69	11:36	88N	18:08	288
2025 Aug 23 (Sat)	05:56	75	12:24	88S	18:48	282
2025 Aug 24 (Sun)	06:48	81	13:08	82S	19:24	276
2025 Aug 25 (Mon)	07:37	88	13:50	76S	19:59	269
2025 Aug 26 (Tue)	08:25	94	14:31	70S	20:33	263
2025 Aug 27 (Wed)	09:13	100	15:11	64S	21:07	257
2025 Aug 28 (Thu)	10:01	106	15:53	59S	21:43	252
2025 Aug 29 (Fri)	10:50	111	16:37	54S	22:22	247

2025 Aug 30 (Sat)	11:41 115	17:23 50S	23:04 244
2025 Aug 31 (Sun)	12:34 118	18:13 47S	23:51 241
2025 Sep 01 (Mon)	13:28 120	19:05 46S	
2025 Sep 02 (Tue)	14:21 120	19:59 46S	00:42 240
2025 Sep 03 (Wed)	15:14 118	20:53 48S	01:37 241
2025 Sep 04 (Thu)	16:03 115	21:46 51S	02:34 243
2025 Sep 05 (Fri)	16:50 111	22:38 56S	03:32 247
2025 Sep 06 (Sat)	17:33 105	23:28 62S	04:30 252
2025 Sep 07 (Sun)	18:14 98		05:27 258
2025 Sep 08 (Mon)	18:55 91	00:17 69S	06:23 265
2025 Sep 09 (Tue)	19:35 84	01:05 76S	07:20 273
2025 Sep 10 (Wed)	20:18 77	01:54 83S	08:17 280
2025 Sep 11 (Thu)	21:04 70	02:46 90S	09:17 287
2025 Sep 12 (Fri)	21:55 65	03:40 85N	10:20 293
2025 Sep 13 (Sat)	22:50 62	04:38 81N	11:25 297
2025 Sep 14 (Sun)	23:50 60	05:39 78N	12:29 299
2025 Sep 15 (Mon)		06:41 77N	13:32 300
2025 Sep 16 (Tue)	00:53 61	07:42 78N	14:29 298
2025 Sep 17 (Wed)	01:54 64	08:39 81N	15:20 294
2025 Sep 18 (Thu)	02:53 68	09:31 86N	16:06 290
2025 Sep 19 (Fri)	03:49 73	10:20 90S	16:46 284
2025 Sep 20 (Sat)	04:41 79	11:04 84S	17:23 278
2025 Sep 21 (Sun)	05:31 85	11:46 78S	17:58 272
2025 Sep 22 (Mon)	06:19 91	12:27 72S	18:32 265
2025 Sep 23 (Tue)	07:06 98	13:08 66S	19:06 259
2025 Sep 24 (Wed)	07:54 104	13:49 61S	19:41 254
2025 Sep 25 (Thu)	08:43 109	14:32 56S	20:19 249
2025 Sep 26 (Fri)	09:33 113	15:17 51S	21:00 245
2025 Sep 27 (Sat)	10:25 117	16:05 48S	21:44 242
2025 Sep 28 (Sun)	11:18 119	16:56 47S	22:33 240
2025 Sep 29 (Mon)	12:11 120	17:48 46S	23:25 240
2025 Sep 30 (Tue)	13:03 119	18:41 47S	
2025 Oct 01 (Wed)	13:53 117	19:34 50S	00:21 242
2025 Oct 02 (Thu)	14:40 113	20:25 54S	01:17 245
2025 Oct 03 (Fri)	15:24 108	21:15 59S	02:14 249
2025 Oct 04 (Sat)	16:06 102	22:04 65S	03:10 255
2025 Oct 05 (Sun)	16:46 95	22:53 72S	04:06 262
2025 Oct 06 (Mon)	17:27 87	23:42 80S	05:03 269
2025 Oct 07 (Tue)	18:09 80		06:01 276
2025 Oct 08 (Wed)	18:55 73	00:33 87S	07:01 284
2025 Oct 09 (Thu)	19:46 67	01:28 88N	08:05 290
2025 Oct 10 (Fri)	20:41 63	02:27 83N	09:11 295
2025 Oct 11 (Sat)	21:42 61	03:29 79N	10:19 299
2025 Oct 12 (Sun)	22:45 61	04:33 77N	11:24 300
2025 Oct 13 (Mon)	23:48 63	05:35 78N	12:24 299
2025 Oct 14 (Tue)		06:35 80N	13:18 296
2025 Oct 15 (Wed)	00:49 66	07:29 84N	14:05 291
2025 Oct 16 (Thu)	01:45 71	08:18 89N	14:47 286
2025 Oct 17 (Fri)	02:38 77	09:03 86S	15:24 280
2025 Oct 18 (Sat)	03:28 83	09:45 80S	15:59 274
2025 Oct 19 (Sun)	04:15 89	10:26 74S	16:33 268
2025 Oct 20 (Mon)	05:03 96	11:06 68S	17:06 261
2025 Oct 21 (Tue)	05:50 102	11:47 62S	17:41 256
2025 Oct 22 (Wed)	06:38 107	12:29 57S	18:18 251
2025 Oct 23 (Thu)	07:28 112	13:14 53S	18:57 246
2025 Oct 24 (Fri)	08:19 116	14:01 49S	19:41 243
2025 Oct 25 (Sat)	09:12 118	14:50 47S	20:28 241
2025 Oct 26 (Sun)	10:05 120	15:42 46S	21:19 240
2025 Oct 27 (Mon)	10:57 119	16:34 47S	22:12 241
2025 Oct 28 (Tue)	11:46 118	17:26 49S	23:07 244
2025 Oct 29 (Wed)	12:33 115	18:16 52S	
2025 Oct 30 (Thu)	13:16 110	19:05 57S	00:02 247
2025 Oct 31 (Fri)	13:58 105	19:53 62S	00:57 252
2025 Nov 01 (Sat)	14:38 98	20:40 69S	01:51 258
2025 Nov 02 (Sun)	15:17 91	21:27 76S	02:46 265
2025 Nov 03 (Mon)	15:58 84	22:17 83S	03:42 273
2025 Nov 04 (Tue)	16:42 77	23:10 90S	04:40 280
2025 Nov 05 (Wed)	17:30 70		05:42 287
2025 Nov 06 (Thu)	18:25 65	00:07 85N	06:49 293
2025 Nov 07 (Fri)	19:25 62	01:10 81N	07:58 297
2025 Nov 08 (Sat)	20:30 61	02:15 78N	09:07 299
2025 Nov 09 (Sun)	21:36 62	03:22 78N	10:12 299

2025 Nov 10 (Mon)	22:40 65	04:25 79N	11:11 297
2025 Nov 11 (Tue)	23:39 70	05:22 83N	12:02 293
2025 Nov 12 (Wed)		06:14 88N	12:46 287
2025 Nov 13 (Thu)	00:34 75	07:01 88S	13:25 282
2025 Nov 14 (Fri)	01:25 81	07:45 82S	14:01 276
2025 Nov 15 (Sat)	02:13 88	08:26 76S	14:35 269
2025 Nov 16 (Sun)	03:00 94	09:06 70S	15:08 263
2025 Nov 17 (Mon)	03:47 100	09:46 64S	15:42 258
2025 Nov 18 (Tue)	04:35 105	10:28 59S	16:18 252
2025 Nov 19 (Wed)	05:24 110	11:11 54S	16:57 248
2025 Nov 20 (Thu)	06:14 114	11:58 51S	17:39 244
2025 Nov 21 (Fri)	07:07 117	12:46 48S	18:25 242
2025 Nov 22 (Sat)	08:00 119	13:37 47S	19:15 241
2025 Nov 23 (Sun)	08:52 119	14:29 47S	20:07 241
2025 Nov 24 (Mon)	09:42 118	15:21 48S	21:01 243
2025 Nov 25 (Tue)	10:29 116	16:12 51S	21:56 246
2025 Nov 26 (Wed)	11:13 112	17:00 55S	22:49 251
2025 Nov 27 (Thu)	11:54 107	17:47 60S	23:42 256
2025 Nov 28 (Fri)	12:33 101	18:32 66S	
2025 Nov 29 (Sat)	13:11 94	19:17 73S	00:34 263
2025 Nov 30 (Sun)	13:50 87	20:04 80S	01:28 269
2025 Dec 01 (Mon)	14:30 80	20:53 87S	02:23 276
2025 Dec 02 (Tue)	15:15 73	21:47 88N	03:21 284
2025 Dec 03 (Wed)	16:06 67	22:46 83N	04:24 290
2025 Dec 04 (Thu)	17:03 63	23:51 79N	05:31 295
2025 Dec 05 (Fri)	18:07 61		06:41 298
2025 Dec 06 (Sat)	19:14 61	00:58 78N	07:50 299
2025 Dec 07 (Sun)	20:22 64	02:05 78N	08:54 298
2025 Dec 08 (Mon)	21:26 68	03:08 81N	09:50 294
2025 Dec 09 (Tue)	22:24 73	04:04 86N	10:39 289
2025 Dec 10 (Wed)	23:18 79	04:55 90S	11:22 284
2025 Dec 11 (Thu)		05:41 84S	12:00 278
2025 Dec 12 (Fri)	00:09 86	06:24 78S	12:35 271
2025 Dec 13 (Sat)	00:57 92	07:04 72S	13:09 265
2025 Dec 14 (Sun)	01:44 98	07:45 66S	13:43 259
2025 Dec 15 (Mon)	02:31 104	08:26 60S	14:18 254
2025 Dec 16 (Tue)	03:20 109	09:09 56S	14:56 249
2025 Dec 17 (Wed)	04:10 113	09:54 52S	15:37 245
2025 Dec 18 (Thu)	05:02 117	10:42 49S	16:22 242
2025 Dec 19 (Fri)	05:55 119	11:33 47S	17:10 241
2025 Dec 20 (Sat)	06:48 119	12:25 46S	18:03 241
2025 Dec 21 (Sun)	07:39 119	13:17 48S	18:57 242
2025 Dec 22 (Mon)	08:27 116	14:09 50S	19:52 245
2025 Dec 23 (Tue)	09:12 113	14:58 54S	20:46 249
2025 Dec 24 (Wed)	09:54 108	15:45 59S	21:38 255
2025 Dec 25 (Thu)	10:33 102	16:30 64S	22:30 261
2025 Dec 26 (Fri)	11:10 96	17:14 71S	23:22 267
2025 Dec 27 (Sat)	11:47 89	17:59 77S	
2025 Dec 28 (Sun)	12:26 83	18:45 84S	00:14 274
2025 Dec 29 (Mon)	13:07 76	19:35 90S	01:09 281
2025 Dec 30 (Tue)	13:53 70	20:29 85N	02:07 287
2025 Dec 31 (Wed)	14:45 65	21:29 81N	03:10 293