

Sun

Saraburi

Location: E100°55'58.8", N14°33'10.8", 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)	05:51	06:41	114	12:20	53S	17:58	246	18:48
2025	Jan	02 (Thu)	05:52	06:42	113	12:20	53S	17:59	247	18:49
2025	Jan	03 (Fri)	05:52	06:42	113	12:21	53S	18:00	247	18:49
2025	Jan	04 (Sat)	05:53	06:42	113	12:21	53S	18:00	247	18:50
2025	Jan	05 (Sun)	05:53	06:43	113	12:22	54S	18:01	247	18:50
2025	Jan	06 (Mon)	05:53	06:43	113	12:22	54S	18:01	247	18:51
2025	Jan	07 (Tue)	05:54	06:43	113	12:23	54S	18:02	247	18:52
2025	Jan	08 (Wed)	05:54	06:43	113	12:23	54S	18:03	247	18:52
2025	Jan	09 (Thu)	05:54	06:44	113	12:23	54S	18:03	247	18:53
2025	Jan	10 (Fri)	05:55	06:44	112	12:24	54S	18:04	248	18:53
2025	Jan	11 (Sat)	05:55	06:44	112	12:24	54S	18:04	248	18:54
2025	Jan	12 (Sun)	05:55	06:44	112	12:25	55S	18:05	248	18:54
2025	Jan	13 (Mon)	05:55	06:45	112	12:25	55S	18:05	248	18:55
2025	Jan	14 (Tue)	05:56	06:45	112	12:25	55S	18:06	248	18:55
2025	Jan	15 (Wed)	05:56	06:45	112	12:26	55S	18:07	248	18:56
2025	Jan	16 (Thu)	05:56	06:45	111	12:26	55S	18:07	249	18:56
2025	Jan	17 (Fri)	05:56	06:45	111	12:26	55S	18:08	249	18:57
2025	Jan	18 (Sat)	05:56	06:45	111	12:27	56S	18:08	249	18:57
2025	Jan	19 (Sun)	05:56	06:45	111	12:27	56S	18:09	249	18:58
2025	Jan	20 (Mon)	05:56	06:45	111	12:27	56S	18:09	250	18:58
2025	Jan	21 (Tue)	05:57	06:45	110	12:28	56S	18:10	250	18:59
2025	Jan	22 (Wed)	05:57	06:45	110	12:28	57S	18:10	250	18:59
2025	Jan	23 (Thu)	05:57	06:45	110	12:28	57S	18:11	250	19:00
2025	Jan	24 (Fri)	05:57	06:45	110	12:28	57S	18:11	250	19:00
2025	Jan	25 (Sat)	05:57	06:45	109	12:29	57S	18:12	251	19:00
2025	Jan	26 (Sun)	05:57	06:45	109	12:29	58S	18:12	251	19:01
2025	Jan	27 (Mon)	05:57	06:45	109	12:29	58S	18:13	251	19:01
2025	Jan	28 (Tue)	05:57	06:45	109	12:29	58S	18:13	252	19:02
2025	Jan	29 (Wed)	05:57	06:45	108	12:29	58S	18:14	252	19:02
2025	Jan	30 (Thu)	05:57	06:45	108	12:30	59S	18:14	252	19:03
2025	Jan	31 (Fri)	05:57	06:45	108	12:30	59S	18:15	252	19:03
2025	Feb	01 (Sat)	05:56	06:44	107	12:30	59S	18:15	253	19:03
2025	Feb	02 (Sun)	05:56	06:44	107	12:30	59S	18:16	253	19:04
2025	Feb	03 (Mon)	05:56	06:44	107	12:30	60S	18:16	253	19:04
2025	Feb	04 (Tue)	05:56	06:44	107	12:30	60S	18:17	254	19:04
2025	Feb	05 (Wed)	05:56	06:44	106	12:30	60S	18:17	254	19:05
2025	Feb	06 (Thu)	05:56	06:43	106	12:30	61S	18:17	254	19:05
2025	Feb	07 (Fri)	05:55	06:43	106	12:30	61S	18:18	255	19:05
2025	Feb	08 (Sat)	05:55	06:43	105	12:30	61S	18:18	255	19:06
2025	Feb	09 (Sun)	05:55	06:42	105	12:30	62S	18:19	255	19:06
2025	Feb	10 (Mon)	05:55	06:42	105	12:30	62S	18:19	256	19:06
2025	Feb	11 (Tue)	05:54	06:42	104	12:30	62S	18:19	256	19:07
2025	Feb	12 (Wed)	05:54	06:41	104	12:30	63S	18:20	256	19:07
2025	Feb	13 (Thu)	05:54	06:41	104	12:30	63S	18:20	257	19:07
2025	Feb	14 (Fri)	05:53	06:41	103	12:30	63S	18:20	257	19:07
2025	Feb	15 (Sat)	05:53	06:40	103	12:30	64S	18:21	257	19:08
2025	Feb	16 (Sun)	05:53	06:40	103	12:30	64S	18:21	258	19:08
2025	Feb	17 (Mon)	05:52	06:39	102	12:30	64S	18:21	258	19:08
2025	Feb	18 (Tue)	05:52	06:39	102	12:30	65S	18:22	258	19:08
2025	Feb	19 (Wed)	05:52	06:38	101	12:30	65S	18:22	259	19:09
2025	Feb	20 (Thu)	05:51	06:38	101	12:30	65S	18:22	259	19:09
2025	Feb	21 (Fri)	05:51	06:37	101	12:30	66S	18:22	259	19:09
2025	Feb	22 (Sat)	05:50	06:37	100	12:30	66S	18:23	260	19:09
2025	Feb	23 (Sun)	05:50	06:36	100	12:30	66S	18:23	260	19:10
2025	Feb	24 (Mon)	05:49	06:36	100	12:29	67S	18:23	261	19:10
2025	Feb	25 (Tue)	05:49	06:35	99	12:29	67S	18:23	261	19:10
2025	Feb	26 (Wed)	05:48	06:35	99	12:29	68S	18:24	261	19:10
2025	Feb	27 (Thu)	05:48	06:34	98	12:29	68S	18:24	262	19:10
2025	Feb	28 (Fri)	05:47	06:34	98	12:29	68S	18:24	262	19:11
2025	Mar	01 (Sat)	05:47	06:33	98	12:29	69S	18:24	263	19:11

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

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

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

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

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

Sun

Saraburi

Location: E100°55'58.8", N14°33'10.8", 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)	06:18	06:41	114	12:20	53S	17:58	246	18:22
2025	Jan 02	(Thu)	06:18	06:42	113	12:20	53S	17:59	247	18:22
2025	Jan 03	(Fri)	06:19	06:42	113	12:21	53S	18:00	247	18:23
2025	Jan 04	(Sat)	06:19	06:42	113	12:21	53S	18:00	247	18:23
2025	Jan 05	(Sun)	06:20	06:43	113	12:22	54S	18:01	247	18:24
2025	Jan 06	(Mon)	06:20	06:43	113	12:22	54S	18:01	247	18:24
2025	Jan 07	(Tue)	06:20	06:43	113	12:23	54S	18:02	247	18:25
2025	Jan 08	(Wed)	06:20	06:43	113	12:23	54S	18:03	247	18:26
2025	Jan 09	(Thu)	06:21	06:44	113	12:23	54S	18:03	247	18:26
2025	Jan 10	(Fri)	06:21	06:44	112	12:24	54S	18:04	248	18:27
2025	Jan 11	(Sat)	06:21	06:44	112	12:24	54S	18:04	248	18:27
2025	Jan 12	(Sun)	06:21	06:44	112	12:25	55S	18:05	248	18:28
2025	Jan 13	(Mon)	06:22	06:45	112	12:25	55S	18:05	248	18:28
2025	Jan 14	(Tue)	06:22	06:45	112	12:25	55S	18:06	248	18:29
2025	Jan 15	(Wed)	06:22	06:45	112	12:26	55S	18:07	248	18:29
2025	Jan 16	(Thu)	06:22	06:45	111	12:26	55S	18:07	249	18:30
2025	Jan 17	(Fri)	06:22	06:45	111	12:26	55S	18:08	249	18:30
2025	Jan 18	(Sat)	06:22	06:45	111	12:27	56S	18:08	249	18:31
2025	Jan 19	(Sun)	06:23	06:45	111	12:27	56S	18:09	249	18:31
2025	Jan 20	(Mon)	06:23	06:45	111	12:27	56S	18:09	250	18:32
2025	Jan 21	(Tue)	06:23	06:45	110	12:28	56S	18:10	250	18:33
2025	Jan 22	(Wed)	06:23	06:45	110	12:28	57S	18:10	250	18:33
2025	Jan 23	(Thu)	06:23	06:45	110	12:28	57S	18:11	250	18:34
2025	Jan 24	(Fri)	06:23	06:45	110	12:28	57S	18:11	250	18:34
2025	Jan 25	(Sat)	06:23	06:45	109	12:29	57S	18:12	251	18:34
2025	Jan 26	(Sun)	06:23	06:45	109	12:29	58S	18:12	251	18:35
2025	Jan 27	(Mon)	06:23	06:45	109	12:29	58S	18:13	251	18:35
2025	Jan 28	(Tue)	06:23	06:45	109	12:29	58S	18:13	252	18:36
2025	Jan 29	(Wed)	06:23	06:45	108	12:29	58S	18:14	252	18:36
2025	Jan 30	(Thu)	06:22	06:45	108	12:30	59S	18:14	252	18:37
2025	Jan 31	(Fri)	06:22	06:45	108	12:30	59S	18:15	252	18:37
2025	Feb 01	(Sat)	06:22	06:44	107	12:30	59S	18:15	253	18:38
2025	Feb 02	(Sun)	06:22	06:44	107	12:30	59S	18:16	253	18:38
2025	Feb 03	(Mon)	06:22	06:44	107	12:30	60S	18:16	253	18:38
2025	Feb 04	(Tue)	06:22	06:44	107	12:30	60S	18:17	254	18:39
2025	Feb 05	(Wed)	06:21	06:44	106	12:30	60S	18:17	254	18:39
2025	Feb 06	(Thu)	06:21	06:43	106	12:30	61S	18:17	254	18:40
2025	Feb 07	(Fri)	06:21	06:43	106	12:30	61S	18:18	255	18:40
2025	Feb 08	(Sat)	06:21	06:43	105	12:30	61S	18:18	255	18:40
2025	Feb 09	(Sun)	06:20	06:42	105	12:30	62S	18:19	255	18:41
2025	Feb 10	(Mon)	06:20	06:42	105	12:30	62S	18:19	256	18:41
2025	Feb 11	(Tue)	06:20	06:42	104	12:30	62S	18:19	256	18:41

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

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

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

2025	Sep	16	(Tue)	05:44	06:05	87	12:11	79S	18:17	273	18:38
2025	Sep	17	(Wed)	05:44	06:05	87	12:11	78S	18:16	272	18:38
2025	Sep	18	(Thu)	05:44	06:05	88	12:10	78S	18:15	272	18:37
2025	Sep	19	(Fri)	05:44	06:05	88	12:10	78S	18:15	272	18:36
2025	Sep	20	(Sat)	05:44	06:05	89	12:10	77S	18:14	271	18:35
2025	Sep	21	(Sun)	05:44	06:05	89	12:09	77S	18:13	271	18:35
2025	Sep	22	(Mon)	05:44	06:05	89	12:09	76S	18:12	270	18:34
2025	Sep	23	(Tue)	05:44	06:05	90	12:09	76S	18:12	270	18:33
2025	Sep	24	(Wed)	05:44	06:05	90	12:08	76S	18:11	270	18:32
2025	Sep	25	(Thu)	05:44	06:06	91	12:08	75S	18:10	269	18:32
2025	Sep	26	(Fri)	05:44	06:06	91	12:08	75S	18:09	269	18:31
2025	Sep	27	(Sat)	05:44	06:06	91	12:07	74S	18:09	268	18:30
2025	Sep	28	(Sun)	05:44	06:06	92	12:07	74S	18:08	268	18:29
2025	Sep	29	(Mon)	05:44	06:06	92	12:07	74S	18:07	268	18:29
2025	Sep	30	(Tue)	05:44	06:06	93	12:06	73S	18:07	267	18:28
2025	Oct	01	(Wed)	05:45	06:06	93	12:06	73S	18:06	267	18:27
2025	Oct	02	(Thu)	05:45	06:06	93	12:06	72S	18:05	266	18:26
2025	Oct	03	(Fri)	05:45	06:06	94	12:05	72S	18:04	266	18:26
2025	Oct	04	(Sat)	05:45	06:06	94	12:05	72S	18:04	266	18:25
2025	Oct	05	(Sun)	05:45	06:06	95	12:05	71S	18:03	265	18:24
2025	Oct	06	(Mon)	05:45	06:06	95	12:04	71S	18:02	265	18:24
2025	Oct	07	(Tue)	05:45	06:06	95	12:04	71S	18:02	264	18:23
2025	Oct	08	(Wed)	05:45	06:07	96	12:04	70S	18:01	264	18:22
2025	Oct	09	(Thu)	05:45	06:07	96	12:04	70S	18:00	264	18:22
2025	Oct	10	(Fri)	05:45	06:07	97	12:03	69S	18:00	263	18:21
2025	Oct	11	(Sat)	05:45	06:07	97	12:03	69S	17:59	263	18:20
2025	Oct	12	(Sun)	05:46	06:07	97	12:03	69S	17:58	262	18:20
2025	Oct	13	(Mon)	05:46	06:07	98	12:03	68S	17:58	262	18:19
2025	Oct	14	(Tue)	05:46	06:07	98	12:02	68S	17:57	262	18:19
2025	Oct	15	(Wed)	05:46	06:08	99	12:02	68S	17:56	261	18:18
2025	Oct	16	(Thu)	05:46	06:08	99	12:02	67S	17:56	261	18:17
2025	Oct	17	(Fri)	05:46	06:08	99	12:02	67S	17:55	260	18:17
2025	Oct	18	(Sat)	05:46	06:08	100	12:01	66S	17:55	260	18:16
2025	Oct	19	(Sun)	05:47	06:08	100	12:01	66S	17:54	260	18:16
2025	Oct	20	(Mon)	05:47	06:08	100	12:01	66S	17:53	259	18:15
2025	Oct	21	(Tue)	05:47	06:09	101	12:01	65S	17:53	259	18:15
2025	Oct	22	(Wed)	05:47	06:09	101	12:01	65S	17:52	259	18:14
2025	Oct	23	(Thu)	05:47	06:09	102	12:01	65S	17:52	258	18:14
2025	Oct	24	(Fri)	05:48	06:09	102	12:00	64S	17:51	258	18:13
2025	Oct	25	(Sat)	05:48	06:10	102	12:00	64S	17:51	258	18:13
2025	Oct	26	(Sun)	05:48	06:10	103	12:00	64S	17:50	257	18:12
2025	Oct	27	(Mon)	05:48	06:10	103	12:00	63S	17:50	257	18:12
2025	Oct	28	(Tue)	05:49	06:10	103	12:00	63S	17:50	256	18:11
2025	Oct	29	(Wed)	05:49	06:11	104	12:00	63S	17:49	256	18:11
2025	Oct	30	(Thu)	05:49	06:11	104	12:00	62S	17:49	256	18:11
2025	Oct	31	(Fri)	05:49	06:11	104	12:00	62S	17:48	255	18:10
2025	Nov	01	(Sat)	05:50	06:12	105	12:00	62S	17:48	255	18:10
2025	Nov	02	(Sun)	05:50	06:12	105	12:00	61S	17:48	255	18:10
2025	Nov	03	(Mon)	05:50	06:12	105	12:00	61S	17:47	254	18:09
2025	Nov	04	(Tue)	05:51	06:13	106	12:00	61S	17:47	254	18:09
2025	Nov	05	(Wed)	05:51	06:13	106	12:00	60S	17:47	254	18:09
2025	Nov	06	(Thu)	05:51	06:13	106	12:00	60S	17:46	254	18:08
2025	Nov	07	(Fri)	05:52	06:14	107	12:00	60S	17:46	253	18:08
2025	Nov	08	(Sat)	05:52	06:14	107	12:00	60S	17:46	253	18:08
2025	Nov	09	(Sun)	05:52	06:15	107	12:00	59S	17:46	253	18:08
2025	Nov	10	(Mon)	05:53	06:15	108	12:00	59S	17:45	252	18:08
2025	Nov	11	(Tue)	05:53	06:15	108	12:00	59S	17:45	252	18:07
2025	Nov	12	(Wed)	05:53	06:16	108	12:00	58S	17:45	252	18:07
2025	Nov	13	(Thu)	05:54	06:16	108	12:01	58S	17:45	252	18:07
2025	Nov	14	(Fri)	05:54	06:17	109	12:01	58S	17:45	251	18:07
2025	Nov	15	(Sat)	05:55	06:17	109	12:01	58S	17:44	251	18:07
2025	Nov	16	(Sun)	05:55	06:18	109	12:01	57S	17:44	251	18:07
2025	Nov	17	(Mon)	05:55	06:18	109	12:01	57S	17:44	250	18:07
2025	Nov	18	(Tue)	05:56	06:18	110	12:01	57S	17:44	250	18:07
2025	Nov	19	(Wed)	05:56	06:19	110	12:02	57S	17:44	250	18:07
2025	Nov	20	(Thu)	05:57	06:19	110	12:02	56S	17:44	250	18:07
2025	Nov	21	(Fri)	05:57	06:20	110	12:02	56S	17:44	250	18:07
2025	Nov	22	(Sat)	05:58	06:20	111	12:02	56S	17:44	249	18:07
2025	Nov	23	(Sun)	05:58	06:21	111	12:03	56S	17:44	249	18:07
2025	Nov	24	(Mon)	05:59	06:22	111	12:03	56S	17:44	249	18:07
2025	Nov	25	(Tue)	05:59	06:22	111	12:03	55S	17:44	249	18:07
2025	Nov	26	(Wed)	06:00	06:23	111	12:04	55S	17:44	248	18:07

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

Moon

Saraburi

Location: E100°55'58.8", N14°33'10.8", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Rise	Az.	Transit Alt.			Set	Az.		
				h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:51	117		13:34	51S		19:20	245	
2025	Jan	02	(Thu)	08:41	113		14:29	55S		20:19	250	
2025	Jan	03	(Fri)	09:27	108		15:20	60S		21:17	255	
2025	Jan	04	(Sat)	10:10	101		16:09	66S		22:12	262	
2025	Jan	05	(Sun)	10:50	94		16:57	73S		23:07	269	
2025	Jan	06	(Mon)	11:30	87		17:44	80S				
2025	Jan	07	(Tue)	12:10	80		18:32	87S		00:02	276	
2025	Jan	08	(Wed)	12:53	74		19:23	88N		00:58	283	
2025	Jan	09	(Thu)	13:40	68		20:17	83N		01:56	289	
2025	Jan	10	(Fri)	14:32	64		21:15	79N		02:58	294	
2025	Jan	11	(Sat)	15:29	61		22:16	77N		04:01	298	
2025	Jan	12	(Sun)	16:29	61		23:18	77N		05:05	299	
2025	Jan	13	(Mon)	17:31	62					06:05	299	
2025	Jan	14	(Tue)	18:32	65		00:17	79N		07:00	297	
2025	Jan	15	(Wed)	19:29	70		01:12	82N		07:49	293	
2025	Jan	16	(Thu)	20:22	75		02:02	87N		08:33	288	
2025	Jan	17	(Fri)	21:11	81		02:48	89S		09:11	282	
2025	Jan	18	(Sat)	21:58	87		03:31	83S		09:47	276	
2025	Jan	19	(Sun)	22:44	93		04:11	77S		10:20	270	
2025	Jan	20	(Mon)	23:29	99		04:50	71S		10:53	264	
2025	Jan	21	(Tue)				05:30	66S		11:27	258	
2025	Jan	22	(Wed)	00:16	105		06:11	60S		12:03	253	
2025	Jan	23	(Thu)	01:04	110		06:54	56S		12:41	248	
2025	Jan	24	(Fri)	01:56	114		07:41	52S		13:24	244	
2025	Jan	25	(Sat)	02:50	117		08:32	49S		14:12	242	

2025	Jan	26	(Sun)	03:46	119	09:26	47S	15:06	240
2025	Jan	27	(Mon)	04:43	120	10:23	47S	16:04	241
2025	Jan	28	(Tue)	05:39	118	11:21	49S	17:05	243
2025	Jan	29	(Wed)	06:32	115	12:18	53S	18:06	247
2025	Jan	30	(Thu)	07:21	110	13:12	58S	19:06	253
2025	Jan	31	(Fri)	08:06	104	14:03	64S	20:04	260
2025	Feb	01	(Sat)	08:48	97	14:52	71S	21:01	267
2025	Feb	02	(Sun)	09:29	89	15:41	78S	21:56	274
2025	Feb	03	(Mon)	10:10	82	16:29	85S	22:53	281
2025	Feb	04	(Tue)	10:52	75	17:20	90N	23:51	288
2025	Feb	05	(Wed)	11:38	69	18:13	84N		
2025	Feb	06	(Thu)	12:27	65	19:09	80N	00:52	293
2025	Feb	07	(Fri)	13:22	62	20:08	77N	01:54	297
2025	Feb	08	(Sat)	14:20	60	21:08	76N	02:56	299
2025	Feb	09	(Sun)	15:21	61	22:07	78N	03:56	299
2025	Feb	10	(Mon)	16:20	64	23:03	81N	04:52	298
2025	Feb	11	(Tue)	17:18	68	23:54	85N	05:43	294
2025	Feb	12	(Wed)	18:12	73			06:27	290
2025	Feb	13	(Thu)	19:03	78	00:41	90N	07:07	284
2025	Feb	14	(Fri)	19:51	85	01:25	86S	07:44	278
2025	Feb	15	(Sat)	20:37	91	02:06	80S	08:18	272
2025	Feb	16	(Sun)	21:23	97	02:46	74S	08:51	266
2025	Feb	17	(Mon)	22:09	103	03:25	68S	09:25	260
2025	Feb	18	(Tue)	22:56	108	04:06	62S	09:59	255
2025	Feb	19	(Wed)	23:46	113	04:48	57S	10:37	250
2025	Feb	20	(Thu)			05:33	53S	11:17	246
2025	Feb	21	(Fri)	00:38	116	06:21	50S	12:03	242
2025	Feb	22	(Sat)	01:33	119	07:13	47S	12:53	241
2025	Feb	23	(Sun)	02:29	120	08:08	47S	13:48	240
2025	Feb	24	(Mon)	03:24	119	09:05	48S	14:47	242
2025	Feb	25	(Tue)	04:18	117	10:02	51S	15:48	245
2025	Feb	26	(Wed)	05:09	112	10:57	55S	16:48	250
2025	Feb	27	(Thu)	05:56	107	11:50	61S	17:48	256
2025	Feb	28	(Fri)	06:40	100	12:41	68S	18:46	263
2025	Mar	01	(Sat)	07:22	93	13:31	75S	19:44	271
2025	Mar	02	(Sun)	08:04	85	14:21	83S	20:43	279
2025	Mar	03	(Mon)	08:48	78	15:13	90S	21:42	286
2025	Mar	04	(Tue)	09:34	71	16:07	86N	22:44	292
2025	Mar	05	(Wed)	10:23	66	17:03	81N	23:47	296
2025	Mar	06	(Thu)	11:17	62	18:03	78N		
2025	Mar	07	(Fri)	12:15	60	19:03	76N	00:50	299
2025	Mar	08	(Sat)	13:15	61	20:02	77N	01:51	300
2025	Mar	09	(Sun)	14:14	63	20:58	79N	02:48	299
2025	Mar	10	(Mon)	15:12	66	21:50	83N	03:40	296
2025	Mar	11	(Tue)	16:06	71	22:38	88N	04:25	292
2025	Mar	12	(Wed)	16:57	76	23:22	88S	05:06	286
2025	Mar	13	(Thu)	17:46	82			05:43	281
2025	Mar	14	(Fri)	18:32	88	00:03	82S	06:18	275
2025	Mar	15	(Sat)	19:18	95	00:43	76S	06:51	269
2025	Mar	16	(Sun)	20:04	100	01:23	70S	07:24	263
2025	Mar	17	(Mon)	20:51	106	02:03	64S	07:59	257
2025	Mar	18	(Tue)	21:40	111	02:44	59S	08:35	252
2025	Mar	19	(Wed)	22:31	115	03:28	54S	09:14	247
2025	Mar	20	(Thu)	23:24	118	04:15	51S	09:57	244
2025	Mar	21	(Fri)			05:05	48S	10:44	241
2025	Mar	22	(Sat)	00:18	120	05:57	47S	11:37	240
2025	Mar	23	(Sun)	01:13	120	06:52	47S	12:33	241
2025	Mar	24	(Mon)	02:06	118	07:48	49S	13:31	243
2025	Mar	25	(Tue)	02:57	115	08:42	53S	14:30	247
2025	Mar	26	(Wed)	03:44	110	09:35	58S	15:29	253
2025	Mar	27	(Thu)	04:29	104	10:26	64S	16:27	260
2025	Mar	28	(Fri)	05:12	97	11:17	71S	17:26	267
2025	Mar	29	(Sat)	05:54	89	12:07	79S	18:24	275
2025	Mar	30	(Sun)	06:38	81	12:59	86S	19:25	282
2025	Mar	31	(Mon)	07:24	74	13:53	88N	20:28	289
2025	Apr	01	(Tue)	08:13	68	14:51	83N	21:33	295
2025	Apr	02	(Wed)	09:08	64	15:52	79N	22:39	298
2025	Apr	03	(Thu)	10:06	61	16:54	77N	23:43	300
2025	Apr	04	(Fri)	11:07	60	17:56	77N		
2025	Apr	05	(Sat)	12:08	62	18:54	78N	00:43	299
2025	Apr	06	(Sun)	13:07	65	19:47	82N	01:37	297
2025	Apr	07	(Mon)	14:03	69	20:36	86N	02:25	293

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

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

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

2025 Nov 10 (Mon)	22:38 65	04:21 79N	11:05 297
2025 Nov 11 (Tue)	23:37 70	05:18 82N	11:56 293
2025 Nov 12 (Wed)		06:10 87N	12:41 287
2025 Nov 13 (Thu)	00:31 75	06:57 89S	13:20 282
2025 Nov 14 (Fri)	01:22 81	07:41 83S	13:56 276
2025 Nov 15 (Sat)	02:10 88	08:22 77S	14:31 269
2025 Nov 16 (Sun)	02:56 94	09:02 71S	15:05 263
2025 Nov 17 (Mon)	03:42 100	09:42 65S	15:39 258
2025 Nov 18 (Tue)	04:30 105	10:24 60S	16:15 252
2025 Nov 19 (Wed)	05:18 110	11:07 55S	16:54 248
2025 Nov 20 (Thu)	06:09 114	11:54 51S	17:37 244
2025 Nov 21 (Fri)	07:01 117	12:42 49S	18:23 242
2025 Nov 22 (Sat)	07:54 119	13:33 47S	19:13 241
2025 Nov 23 (Sun)	08:46 119	14:25 47S	20:05 241
2025 Nov 24 (Mon)	09:36 118	15:17 49S	20:59 243
2025 Nov 25 (Tue)	10:24 115	16:08 52S	21:53 246
2025 Nov 26 (Wed)	11:08 111	16:56 56S	22:47 251
2025 Nov 27 (Thu)	11:49 106	17:43 61S	23:39 256
2025 Nov 28 (Fri)	12:28 101	18:28 67S	
2025 Nov 29 (Sat)	13:07 94	19:13 74S	00:31 263
2025 Nov 30 (Sun)	13:46 87	20:00 81S	01:24 269
2025 Dec 01 (Mon)	14:27 80	20:49 87S	02:18 276
2025 Dec 02 (Tue)	15:12 73	21:43 88N	03:16 283
2025 Dec 03 (Wed)	16:03 68	22:42 82N	04:18 290
2025 Dec 04 (Thu)	17:01 63	23:47 78N	05:25 295
2025 Dec 05 (Fri)	18:05 61		06:35 298
2025 Dec 06 (Sat)	19:13 61	00:54 77N	07:44 299
2025 Dec 07 (Sun)	20:20 64	02:01 78N	08:48 298
2025 Dec 08 (Mon)	21:23 68	03:04 81N	09:45 294
2025 Dec 09 (Tue)	22:22 73	04:00 85N	10:34 289
2025 Dec 10 (Wed)	23:15 79	04:51 90N	11:17 284
2025 Dec 11 (Thu)		05:37 85S	11:55 278
2025 Dec 12 (Fri)	00:05 86	06:20 79S	12:31 271
2025 Dec 13 (Sat)	00:53 92	07:01 73S	13:05 265
2025 Dec 14 (Sun)	01:39 98	07:41 67S	13:39 259
2025 Dec 15 (Mon)	02:26 104	08:22 61S	14:15 254
2025 Dec 16 (Tue)	03:15 109	09:05 56S	14:53 249
2025 Dec 17 (Wed)	04:04 113	09:50 52S	15:34 245
2025 Dec 18 (Thu)	04:56 116	10:38 49S	16:19 242
2025 Dec 19 (Fri)	05:49 119	11:29 48S	17:09 241
2025 Dec 20 (Sat)	06:42 119	12:21 47S	18:01 241
2025 Dec 21 (Sun)	07:33 118	13:13 48S	18:55 242
2025 Dec 22 (Mon)	08:22 116	14:05 51S	19:49 245
2025 Dec 23 (Tue)	09:07 113	14:54 55S	20:43 249
2025 Dec 24 (Wed)	09:49 108	15:41 60S	21:35 255
2025 Dec 25 (Thu)	10:28 102	16:26 65S	22:27 261
2025 Dec 26 (Fri)	11:06 96	17:10 72S	23:18 267
2025 Dec 27 (Sat)	11:43 89	17:55 78S	
2025 Dec 28 (Sun)	12:22 83	18:41 85S	00:10 274
2025 Dec 29 (Mon)	13:04 76	19:31 90N	01:04 281
2025 Dec 30 (Tue)	13:50 70	20:25 84N	02:02 287
2025 Dec 31 (Wed)	14:42 65	21:25 80N	03:04 293