

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
2024	Jan	01 (Mon)	05:51	06:41	114	12:19	53S	17:58	246	18:48
2024	Jan	02 (Tue)	05:52	06:41	114	12:20	53S	17:59	246	18:48
2024	Jan	03 (Wed)	05:52	06:42	113	12:20	53S	17:59	247	18:49
2024	Jan	04 (Thu)	05:52	06:42	113	12:21	53S	18:00	247	18:49
2024	Jan	05 (Fri)	05:53	06:42	113	12:21	53S	18:00	247	18:50
2024	Jan	06 (Sat)	05:53	06:43	113	12:22	54S	18:01	247	18:51
2024	Jan	07 (Sun)	05:53	06:43	113	12:22	54S	18:01	247	18:51
2024	Jan	08 (Mon)	05:54	06:43	113	12:23	54S	18:02	247	18:52
2024	Jan	09 (Tue)	05:54	06:44	113	12:23	54S	18:03	247	18:52
2024	Jan	10 (Wed)	05:54	06:44	113	12:23	54S	18:03	247	18:53
2024	Jan	11 (Thu)	05:55	06:44	112	12:24	54S	18:04	248	18:53
2024	Jan	12 (Fri)	05:55	06:44	112	12:24	54S	18:04	248	18:54
2024	Jan	13 (Sat)	05:55	06:44	112	12:25	55S	18:05	248	18:54
2024	Jan	14 (Sun)	05:55	06:45	112	12:25	55S	18:06	248	18:55
2024	Jan	15 (Mon)	05:56	06:45	112	12:25	55S	18:06	248	18:55
2024	Jan	16 (Tue)	05:56	06:45	112	12:26	55S	18:07	249	18:56
2024	Jan	17 (Wed)	05:56	06:45	111	12:26	55S	18:07	249	18:56
2024	Jan	18 (Thu)	05:56	06:45	111	12:26	56S	18:08	249	18:57
2024	Jan	19 (Fri)	05:56	06:45	111	12:27	56S	18:08	249	18:57
2024	Jan	20 (Sat)	05:56	06:45	111	12:27	56S	18:09	249	18:58
2024	Jan	21 (Sun)	05:57	06:45	111	12:27	56S	18:09	250	18:58
2024	Jan	22 (Mon)	05:57	06:45	110	12:28	56S	18:10	250	18:59
2024	Jan	23 (Tue)	05:57	06:45	110	12:28	57S	18:11	250	18:59
2024	Jan	24 (Wed)	05:57	06:45	110	12:28	57S	18:11	250	19:00
2024	Jan	25 (Thu)	05:57	06:45	110	12:28	57S	18:12	251	19:00
2024	Jan	26 (Fri)	05:57	06:45	109	12:29	57S	18:12	251	19:01
2024	Jan	27 (Sat)	05:57	06:45	109	12:29	58S	18:13	251	19:01
2024	Jan	28 (Sun)	05:57	06:45	109	12:29	58S	18:13	251	19:01
2024	Jan	29 (Mon)	05:57	06:45	109	12:29	58S	18:14	252	19:02
2024	Jan	30 (Tue)	05:57	06:45	108	12:29	58S	18:14	252	19:02
2024	Jan	31 (Wed)	05:57	06:45	108	12:30	59S	18:14	252	19:03
2024	Feb	01 (Thu)	05:57	06:45	108	12:30	59S	18:15	252	19:03
2024	Feb	02 (Fri)	05:56	06:44	107	12:30	59S	18:15	253	19:03
2024	Feb	03 (Sat)	05:56	06:44	107	12:30	59S	18:16	253	19:04
2024	Feb	04 (Sun)	05:56	06:44	107	12:30	60S	18:16	253	19:04
2024	Feb	05 (Mon)	05:56	06:44	106	12:30	60S	18:17	254	19:04
2024	Feb	06 (Tue)	05:56	06:44	106	12:30	60S	18:17	254	19:05
2024	Feb	07 (Wed)	05:56	06:43	106	12:30	61S	18:18	254	19:05
2024	Feb	08 (Thu)	05:55	06:43	106	12:30	61S	18:18	255	19:05
2024	Feb	09 (Fri)	05:55	06:43	105	12:30	61S	18:18	255	19:06
2024	Feb	10 (Sat)	05:55	06:42	105	12:30	62S	18:19	255	19:06
2024	Feb	11 (Sun)	05:55	06:42	105	12:30	62S	18:19	256	19:06
2024	Feb	12 (Mon)	05:54	06:42	104	12:30	62S	18:19	256	19:07
2024	Feb	13 (Tue)	05:54	06:41	104	12:30	63S	18:20	256	19:07
2024	Feb	14 (Wed)	05:54	06:41	103	12:30	63S	18:20	257	19:07
2024	Feb	15 (Thu)	05:53	06:41	103	12:30	63S	18:20	257	19:08
2024	Feb	16 (Fri)	05:53	06:40	103	12:30	64S	18:21	257	19:08
2024	Feb	17 (Sat)	05:53	06:40	102	12:30	64S	18:21	258	19:08
2024	Feb	18 (Sun)	05:52	06:39	102	12:30	64S	18:21	258	19:08
2024	Feb	19 (Mon)	05:52	06:39	102	12:30	65S	18:22	258	19:09
2024	Feb	20 (Tue)	05:51	06:38	101	12:30	65S	18:22	259	19:09
2024	Feb	21 (Wed)	05:51	06:38	101	12:30	65S	18:22	259	19:09
2024	Feb	22 (Thu)	05:51	06:37	101	12:30	66S	18:22	260	19:09
2024	Feb	23 (Fri)	05:50	06:37	100	12:30	66S	18:23	260	19:09
2024	Feb	24 (Sat)	05:50	06:36	100	12:30	67S	18:23	260	19:10
2024	Feb	25 (Sun)	05:49	06:36	99	12:29	67S	18:23	261	19:10
2024	Feb	26 (Mon)	05:49	06:35	99	12:29	67S	18:23	261	19:10
2024	Feb	27 (Tue)	05:48	06:35	99	12:29	68S	18:24	261	19:10
2024	Feb	28 (Wed)	05:48	06:34	98	12:29	68S	18:24	262	19:10
2024	Feb	29 (Thu)	05:47	06:34	98	12:29	68S	18:24	262	19:11

2024	Mar	01	(Fri)	05:47	06:33	98	12:29	69S	18:24	263	19:11
2024	Mar	02	(Sat)	05:46	06:32	97	12:28	69S	18:25	263	19:11
2024	Mar	03	(Sun)	05:45	06:32	97	12:28	70S	18:25	263	19:11
2024	Mar	04	(Mon)	05:45	06:31	96	12:28	70S	18:25	264	19:11
2024	Mar	05	(Tue)	05:44	06:30	96	12:28	70S	18:25	264	19:11
2024	Mar	06	(Wed)	05:44	06:30	96	12:27	71S	18:25	265	19:12
2024	Mar	07	(Thu)	05:43	06:29	95	12:27	71S	18:25	265	19:12
2024	Mar	08	(Fri)	05:42	06:29	95	12:27	71S	18:26	265	19:12
2024	Mar	09	(Sat)	05:42	06:28	94	12:27	72S	18:26	266	19:12
2024	Mar	10	(Sun)	05:41	06:27	94	12:26	72S	18:26	266	19:12
2024	Mar	11	(Mon)	05:40	06:27	94	12:26	73S	18:26	267	19:12
2024	Mar	12	(Tue)	05:40	06:26	93	12:26	73S	18:26	267	19:12
2024	Mar	13	(Wed)	05:39	06:25	93	12:26	73S	18:26	267	19:12
2024	Mar	14	(Thu)	05:38	06:25	92	12:25	74S	18:26	268	19:13
2024	Mar	15	(Fri)	05:38	06:24	92	12:25	74S	18:27	268	19:13
2024	Mar	16	(Sat)	05:37	06:23	91	12:25	75S	18:27	269	19:13
2024	Mar	17	(Sun)	05:36	06:22	91	12:25	75S	18:27	269	19:13
2024	Mar	18	(Mon)	05:36	06:22	91	12:24	75S	18:27	270	19:13
2024	Mar	19	(Tue)	05:35	06:21	90	12:24	76S	18:27	270	19:13
2024	Mar	20	(Wed)	05:34	06:20	90	12:24	76S	18:27	270	19:13
2024	Mar	21	(Thu)	05:34	06:20	89	12:23	77S	18:27	271	19:13
2024	Mar	22	(Fri)	05:33	06:19	89	12:23	77S	18:27	271	19:14
2024	Mar	23	(Sat)	05:32	06:18	89	12:23	77S	18:27	272	19:14
2024	Mar	24	(Sun)	05:31	06:18	88	12:22	78S	18:28	272	19:14
2024	Mar	25	(Mon)	05:31	06:17	88	12:22	78S	18:28	272	19:14
2024	Mar	26	(Tue)	05:30	06:16	87	12:22	79S	18:28	273	19:14
2024	Mar	27	(Wed)	05:29	06:15	87	12:22	79S	18:28	273	19:14
2024	Mar	28	(Thu)	05:28	06:15	87	12:21	79S	18:28	274	19:14
2024	Mar	29	(Fri)	05:28	06:14	86	12:21	80S	18:28	274	19:15
2024	Mar	30	(Sat)	05:27	06:13	86	12:21	80S	18:28	274	19:15
2024	Mar	31	(Sun)	05:26	06:13	85	12:20	81S	18:28	275	19:15
2024	Apr	01	(Mon)	05:25	06:12	85	12:20	81S	18:28	275	19:15
2024	Apr	02	(Tue)	05:25	06:11	85	12:20	81S	18:29	276	19:15
2024	Apr	03	(Wed)	05:24	06:10	84	12:19	82S	18:29	276	19:15
2024	Apr	04	(Thu)	05:23	06:10	84	12:19	82S	18:29	276	19:15
2024	Apr	05	(Fri)	05:22	06:09	83	12:19	82S	18:29	277	19:16
2024	Apr	06	(Sat)	05:22	06:08	83	12:19	83S	18:29	277	19:16
2024	Apr	07	(Sun)	05:21	06:08	83	12:18	83S	18:29	278	19:16
2024	Apr	08	(Mon)	05:20	06:07	82	12:18	84S	18:29	278	19:16
2024	Apr	09	(Tue)	05:20	06:06	82	12:18	84S	18:29	278	19:16
2024	Apr	10	(Wed)	05:19	06:06	81	12:18	84S	18:30	279	19:16
2024	Apr	11	(Thu)	05:18	06:05	81	12:17	85S	18:30	279	19:17
2024	Apr	12	(Fri)	05:17	06:04	81	12:17	85S	18:30	279	19:17
2024	Apr	13	(Sat)	05:17	06:04	80	12:17	85S	18:30	280	19:17
2024	Apr	14	(Sun)	05:16	06:03	80	12:16	86S	18:30	280	19:17
2024	Apr	15	(Mon)	05:15	06:02	80	12:16	86S	18:30	281	19:17
2024	Apr	16	(Tue)	05:15	06:02	79	12:16	86S	18:30	281	19:18
2024	Apr	17	(Wed)	05:14	06:01	79	12:16	87S	18:31	281	19:18
2024	Apr	18	(Thu)	05:13	06:01	79	12:16	87S	18:31	282	19:18
2024	Apr	19	(Fri)	05:13	06:00	78	12:15	88S	18:31	282	19:18
2024	Apr	20	(Sat)	05:12	05:59	78	12:15	88S	18:31	282	19:19
2024	Apr	21	(Sun)	05:11	05:59	77	12:15	88S	18:31	283	19:19
2024	Apr	22	(Mon)	05:11	05:58	77	12:15	89S	18:31	283	19:19
2024	Apr	23	(Tue)	05:10	05:58	77	12:15	89S	18:32	283	19:19
2024	Apr	24	(Wed)	05:09	05:57	76	12:14	89S	18:32	284	19:20
2024	Apr	25	(Thu)	05:09	05:57	76	12:14	90S	18:32	284	19:20
2024	Apr	26	(Fri)	05:08	05:56	76	12:14	90S	18:32	284	19:20
2024	Apr	27	(Sat)	05:08	05:56	75	12:14	90S	18:32	285	19:20
2024	Apr	28	(Sun)	05:07	05:55	75	12:14	90S	18:33	285	19:21
2024	Apr	29	(Mon)	05:06	05:55	75	12:14	91N	18:33	285	19:21
2024	Apr	30	(Tue)	05:06	05:54	74	12:13	90N	18:33	286	19:21
2024	May	01	(Wed)	05:05	05:54	74	12:13	90N	18:33	286	19:22
2024	May	02	(Thu)	05:05	05:53	74	12:13	90N	18:33	286	19:22
2024	May	03	(Fri)	05:04	05:53	73	12:13	89N	18:34	287	19:22
2024	May	04	(Sat)	05:04	05:52	73	12:13	89N	18:34	287	19:23
2024	May	05	(Sun)	05:03	05:52	73	12:13	89N	18:34	287	19:23
2024	May	06	(Mon)	05:03	05:52	73	12:13	89N	18:34	288	19:23
2024	May	07	(Tue)	05:02	05:51	72	12:13	88N	18:35	288	19:24
2024	May	08	(Wed)	05:02	05:51	72	12:13	88N	18:35	288	19:24
2024	May	09	(Thu)	05:01	05:50	72	12:13	88N	18:35	288	19:24
2024	May	10	(Fri)	05:01	05:50	71	12:13	88N	18:35	289	19:25
2024	May	11	(Sat)	05:00	05:50	71	12:13	87N	18:36	289	19:25

2024	May	12	(Sun)	05:00	05:49	71	12:13	87N	18:36	289	19:25
2024	May	13	(Mon)	05:00	05:49	71	12:13	87N	18:36	289	19:26
2024	May	14	(Tue)	04:59	05:49	70	12:13	87N	18:37	290	19:26
2024	May	15	(Wed)	04:59	05:49	70	12:13	86N	18:37	290	19:27
2024	May	16	(Thu)	04:59	05:48	70	12:13	86N	18:37	290	19:27
2024	May	17	(Fri)	04:58	05:48	70	12:13	86N	18:37	290	19:27
2024	May	18	(Sat)	04:58	05:48	69	12:13	86N	18:38	291	19:28
2024	May	19	(Sun)	04:58	05:48	69	12:13	85N	18:38	291	19:28
2024	May	20	(Mon)	04:57	05:47	69	12:13	85N	18:38	291	19:28
2024	May	21	(Tue)	04:57	05:47	69	12:13	85N	18:39	291	19:29
2024	May	22	(Wed)	04:57	05:47	69	12:13	85N	18:39	291	19:29
2024	May	23	(Thu)	04:57	05:47	68	12:13	85N	18:39	292	19:30
2024	May	24	(Fri)	04:56	05:47	68	12:13	84N	18:40	292	19:30
2024	May	25	(Sat)	04:56	05:47	68	12:13	84N	18:40	292	19:30
2024	May	26	(Sun)	04:56	05:47	68	12:13	84N	18:40	292	19:31
2024	May	27	(Mon)	04:56	05:46	68	12:13	84N	18:41	292	19:31
2024	May	28	(Tue)	04:56	05:46	68	12:14	84N	18:41	293	19:32
2024	May	29	(Wed)	04:56	05:46	67	12:14	84N	18:41	293	19:32
2024	May	30	(Thu)	04:55	05:46	67	12:14	83N	18:42	293	19:32
2024	May	31	(Fri)	04:55	05:46	67	12:14	83N	18:42	293	19:33
2024	Jun	01	(Sat)	04:55	05:46	67	12:14	83N	18:42	293	19:33
2024	Jun	02	(Sun)	04:55	05:46	67	12:14	83N	18:43	293	19:34
2024	Jun	03	(Mon)	04:55	05:46	67	12:14	83N	18:43	293	19:34
2024	Jun	04	(Tue)	04:55	05:46	67	12:15	83N	18:43	294	19:34
2024	Jun	05	(Wed)	04:55	05:46	66	12:15	83N	18:43	294	19:35
2024	Jun	06	(Thu)	04:55	05:46	66	12:15	83N	18:44	294	19:35
2024	Jun	07	(Fri)	04:55	05:46	66	12:15	82N	18:44	294	19:35
2024	Jun	08	(Sat)	04:55	05:46	66	12:15	82N	18:44	294	19:36
2024	Jun	09	(Sun)	04:55	05:47	66	12:16	82N	18:45	294	19:36
2024	Jun	10	(Mon)	04:55	05:47	66	12:16	82N	18:45	294	19:36
2024	Jun	11	(Tue)	04:55	05:47	66	12:16	82N	18:45	294	19:37
2024	Jun	12	(Wed)	04:56	05:47	66	12:16	82N	18:46	294	19:37
2024	Jun	13	(Thu)	04:56	05:47	66	12:16	82N	18:46	294	19:37
2024	Jun	14	(Fri)	04:56	05:47	66	12:17	82N	18:46	294	19:38
2024	Jun	15	(Sat)	04:56	05:47	66	12:17	82N	18:46	294	19:38
2024	Jun	16	(Sun)	04:56	05:48	66	12:17	82N	18:47	294	19:38
2024	Jun	17	(Mon)	04:56	05:48	66	12:17	82N	18:47	294	19:38
2024	Jun	18	(Tue)	04:56	05:48	66	12:17	82N	18:47	294	19:39
2024	Jun	19	(Wed)	04:57	05:48	66	12:18	82N	18:47	294	19:39
2024	Jun	20	(Thu)	04:57	05:48	66	12:18	82N	18:48	295	19:39
2024	Jun	21	(Fri)	04:57	05:48	65	12:18	82N	18:48	295	19:39
2024	Jun	22	(Sat)	04:57	05:49	66	12:18	82N	18:48	294	19:40
2024	Jun	23	(Sun)	04:57	05:49	66	12:19	82N	18:48	294	19:40
2024	Jun	24	(Mon)	04:58	05:49	66	12:19	82N	18:48	294	19:40
2024	Jun	25	(Tue)	04:58	05:49	66	12:19	82N	18:49	294	19:40
2024	Jun	26	(Wed)	04:58	05:50	66	12:19	82N	18:49	294	19:40
2024	Jun	27	(Thu)	04:58	05:50	66	12:19	82N	18:49	294	19:40
2024	Jun	28	(Fri)	04:59	05:50	66	12:20	82N	18:49	294	19:40
2024	Jun	29	(Sat)	04:59	05:50	66	12:20	82N	18:49	294	19:41
2024	Jun	30	(Sun)	04:59	05:51	66	12:20	82N	18:49	294	19:41
2024	Jul	01	(Mon)	05:00	05:51	66	12:20	82N	18:49	294	19:41
2024	Jul	02	(Tue)	05:00	05:51	66	12:20	82N	18:49	294	19:41
2024	Jul	03	(Wed)	05:00	05:52	66	12:21	82N	18:50	294	19:41
2024	Jul	04	(Thu)	05:01	05:52	66	12:21	82N	18:50	294	19:41
2024	Jul	05	(Fri)	05:01	05:52	66	12:21	83N	18:50	294	19:41
2024	Jul	06	(Sat)	05:01	05:52	66	12:21	83N	18:50	294	19:41
2024	Jul	07	(Sun)	05:02	05:53	66	12:21	83N	18:50	294	19:41
2024	Jul	08	(Mon)	05:02	05:53	67	12:21	83N	18:50	293	19:41
2024	Jul	09	(Tue)	05:02	05:53	67	12:22	83N	18:50	293	19:41
2024	Jul	10	(Wed)	05:03	05:54	67	12:22	83N	18:50	293	19:41
2024	Jul	11	(Thu)	05:03	05:54	67	12:22	83N	18:50	293	19:41
2024	Jul	12	(Fri)	05:03	05:54	67	12:22	83N	18:50	293	19:40
2024	Jul	13	(Sat)	05:04	05:55	67	12:22	84N	18:50	293	19:40
2024	Jul	14	(Sun)	05:04	05:55	67	12:22	84N	18:49	293	19:40
2024	Jul	15	(Mon)	05:04	05:55	68	12:22	84N	18:49	292	19:40
2024	Jul	16	(Tue)	05:05	05:55	68	12:22	84N	18:49	292	19:40
2024	Jul	17	(Wed)	05:05	05:56	68	12:22	84N	18:49	292	19:40
2024	Jul	18	(Thu)	05:06	05:56	68	12:23	84N	18:49	292	19:39
2024	Jul	19	(Fri)	05:06	05:56	68	12:23	85N	18:49	292	19:39
2024	Jul	20	(Sat)	05:06	05:57	68	12:23	85N	18:49	291	19:39
2024	Jul	21	(Sun)	05:07	05:57	69	12:23	85N	18:48	291	19:39
2024	Jul	22	(Mon)	05:07	05:57	69	12:23	85N	18:48	291	19:38

2024	Jul	23	(Tue)	05:07	05:57	69	12:23	85N	18:48	291	19:38
2024	Jul	24	(Wed)	05:08	05:58	69	12:23	86N	18:48	291	19:38
2024	Jul	25	(Thu)	05:08	05:58	69	12:23	86N	18:48	290	19:37
2024	Jul	26	(Fri)	05:08	05:58	70	12:23	86N	18:47	290	19:37
2024	Jul	27	(Sat)	05:09	05:58	70	12:23	86N	18:47	290	19:37
2024	Jul	28	(Sun)	05:09	05:59	70	12:23	86N	18:47	290	19:36
2024	Jul	29	(Mon)	05:09	05:59	70	12:23	87N	18:46	289	19:36
2024	Jul	30	(Tue)	05:10	05:59	71	12:23	87N	18:46	289	19:35
2024	Jul	31	(Wed)	05:10	05:59	71	12:23	87N	18:46	289	19:35
2024	Aug	01	(Thu)	05:10	06:00	71	12:23	87N	18:45	289	19:35
2024	Aug	02	(Fri)	05:11	06:00	71	12:23	88N	18:45	288	19:34
2024	Aug	03	(Sat)	05:11	06:00	72	12:22	88N	18:45	288	19:34
2024	Aug	04	(Sun)	05:11	06:00	72	12:22	88N	18:44	288	19:33
2024	Aug	05	(Mon)	05:12	06:01	72	12:22	88N	18:44	288	19:33
2024	Aug	06	(Tue)	05:12	06:01	73	12:22	89N	18:43	287	19:32
2024	Aug	07	(Wed)	05:12	06:01	73	12:22	89N	18:43	287	19:32
2024	Aug	08	(Thu)	05:13	06:01	73	12:22	89N	18:42	287	19:31
2024	Aug	09	(Fri)	05:13	06:01	73	12:22	90N	18:42	286	19:30
2024	Aug	10	(Sat)	05:13	06:02	74	12:22	90N	18:41	286	19:30
2024	Aug	11	(Sun)	05:13	06:02	74	12:21	90N	18:41	286	19:29
2024	Aug	12	(Mon)	05:14	06:02	74	12:21	90N	18:40	285	19:29
2024	Aug	13	(Tue)	05:14	06:02	75	12:21	91S	18:40	285	19:28
2024	Aug	14	(Wed)	05:14	06:02	75	12:21	90S	18:39	285	19:28
2024	Aug	15	(Thu)	05:14	06:02	75	12:21	90S	18:39	284	19:27
2024	Aug	16	(Fri)	05:15	06:03	76	12:21	90S	18:38	284	19:26
2024	Aug	17	(Sat)	05:15	06:03	76	12:20	89S	18:38	284	19:26
2024	Aug	18	(Sun)	05:15	06:03	76	12:20	89S	18:37	284	19:25
2024	Aug	19	(Mon)	05:15	06:03	77	12:20	89S	18:37	283	19:24
2024	Aug	20	(Tue)	05:15	06:03	77	12:20	88S	18:36	283	19:24
2024	Aug	21	(Wed)	05:16	06:03	77	12:19	88S	18:35	282	19:23
2024	Aug	22	(Thu)	05:16	06:03	78	12:19	88S	18:35	282	19:22
2024	Aug	23	(Fri)	05:16	06:03	78	12:19	87S	18:34	282	19:21
2024	Aug	24	(Sat)	05:16	06:04	78	12:19	87S	18:33	281	19:21
2024	Aug	25	(Sun)	05:16	06:04	79	12:18	87S	18:33	281	19:20
2024	Aug	26	(Mon)	05:16	06:04	79	12:18	86S	18:32	281	19:19
2024	Aug	27	(Tue)	05:17	06:04	79	12:18	86S	18:31	280	19:19
2024	Aug	28	(Wed)	05:17	06:04	80	12:17	86S	18:31	280	19:18
2024	Aug	29	(Thu)	05:17	06:04	80	12:17	85S	18:30	280	19:17
2024	Aug	30	(Fri)	05:17	06:04	81	12:17	85S	18:29	279	19:16
2024	Aug	31	(Sat)	05:17	06:04	81	12:17	85S	18:29	279	19:16
2024	Sep	01	(Sun)	05:17	06:04	81	12:16	84S	18:28	278	19:15
2024	Sep	02	(Mon)	05:17	06:04	82	12:16	84S	18:27	278	19:14
2024	Sep	03	(Tue)	05:18	06:04	82	12:16	84S	18:27	278	19:13
2024	Sep	04	(Wed)	05:18	06:04	82	12:15	83S	18:26	277	19:12
2024	Sep	05	(Thu)	05:18	06:05	83	12:15	83S	18:25	277	19:12
2024	Sep	06	(Fri)	05:18	06:05	83	12:15	82S	18:24	277	19:11
2024	Sep	07	(Sat)	05:18	06:05	84	12:14	82S	18:24	276	19:10
2024	Sep	08	(Sun)	05:18	06:05	84	12:14	82S	18:23	276	19:09
2024	Sep	09	(Mon)	05:18	06:05	84	12:14	81S	18:22	275	19:09
2024	Sep	10	(Tue)	05:18	06:05	85	12:13	81S	18:21	275	19:08
2024	Sep	11	(Wed)	05:18	06:05	85	12:13	81S	18:21	275	19:07
2024	Sep	12	(Thu)	05:18	06:05	86	12:12	80S	18:20	274	19:06
2024	Sep	13	(Fri)	05:19	06:05	86	12:12	80S	18:19	274	19:05
2024	Sep	14	(Sat)	05:19	06:05	86	12:12	79S	18:18	273	19:05
2024	Sep	15	(Sun)	05:19	06:05	87	12:11	79S	18:18	273	19:04
2024	Sep	16	(Mon)	05:19	06:05	87	12:11	79S	18:17	273	19:03
2024	Sep	17	(Tue)	05:19	06:05	88	12:11	78S	18:16	272	19:02
2024	Sep	18	(Wed)	05:19	06:05	88	12:10	78S	18:15	272	19:02
2024	Sep	19	(Thu)	05:19	06:05	88	12:10	77S	18:15	271	19:01
2024	Sep	20	(Fri)	05:19	06:05	89	12:10	77S	18:14	271	19:00
2024	Sep	21	(Sat)	05:19	06:05	89	12:09	77S	18:13	271	18:59
2024	Sep	22	(Sun)	05:19	06:05	90	12:09	76S	18:12	270	18:58
2024	Sep	23	(Mon)	05:19	06:05	90	12:09	76S	18:12	270	18:58
2024	Sep	24	(Tue)	05:19	06:05	90	12:08	75S	18:11	269	18:57
2024	Sep	25	(Wed)	05:19	06:05	91	12:08	75S	18:10	269	18:56
2024	Sep	26	(Thu)	05:19	06:06	91	12:08	75S	18:09	269	18:55
2024	Sep	27	(Fri)	05:19	06:06	92	12:07	74S	18:09	268	18:55
2024	Sep	28	(Sat)	05:20	06:06	92	12:07	74S	18:08	268	18:54
2024	Sep	29	(Sun)	05:20	06:06	92	12:07	74S	18:07	267	18:53
2024	Sep	30	(Mon)	05:20	06:06	93	12:06	73S	18:06	267	18:52
2024	Oct	01	(Tue)	05:20	06:06	93	12:06	73S	18:06	267	18:52
2024	Oct	02	(Wed)	05:20	06:06	94	12:06	72S	18:05	266	18:51

2024	Oct	03	(Thu)	05:20	06:06	94	12:05	72S	18:04	266	18:50
2024	Oct	04	(Fri)	05:20	06:06	94	12:05	72S	18:03	265	18:50
2024	Oct	05	(Sat)	05:20	06:06	95	12:05	71S	18:03	265	18:49
2024	Oct	06	(Sun)	05:20	06:06	95	12:04	71S	18:02	265	18:48
2024	Oct	07	(Mon)	05:20	06:06	96	12:04	70S	18:01	264	18:48
2024	Oct	08	(Tue)	05:20	06:07	96	12:04	70S	18:01	264	18:47
2024	Oct	09	(Wed)	05:20	06:07	96	12:03	70S	18:00	263	18:46
2024	Oct	10	(Thu)	05:20	06:07	97	12:03	69S	17:59	263	18:46
2024	Oct	11	(Fri)	05:21	06:07	97	12:03	69S	17:59	263	18:45
2024	Oct	12	(Sat)	05:21	06:07	98	12:03	69S	17:58	262	18:45
2024	Oct	13	(Sun)	05:21	06:07	98	12:02	68S	17:57	262	18:44
2024	Oct	14	(Mon)	05:21	06:07	98	12:02	68S	17:57	262	18:43
2024	Oct	15	(Tue)	05:21	06:08	99	12:02	67S	17:56	261	18:43
2024	Oct	16	(Wed)	05:21	06:08	99	12:02	67S	17:56	261	18:42
2024	Oct	17	(Thu)	05:21	06:08	99	12:02	67S	17:55	260	18:42
2024	Oct	18	(Fri)	05:21	06:08	100	12:01	66S	17:54	260	18:41
2024	Oct	19	(Sat)	05:22	06:08	100	12:01	66S	17:54	260	18:41
2024	Oct	20	(Sun)	05:22	06:09	101	12:01	66S	17:53	259	18:40
2024	Oct	21	(Mon)	05:22	06:09	101	12:01	65S	17:53	259	18:40
2024	Oct	22	(Tue)	05:22	06:09	101	12:01	65S	17:52	259	18:39
2024	Oct	23	(Wed)	05:22	06:09	102	12:01	65S	17:52	258	18:39
2024	Oct	24	(Thu)	05:22	06:09	102	12:00	64S	17:51	258	18:38
2024	Oct	25	(Fri)	05:23	06:10	102	12:00	64S	17:51	257	18:38
2024	Oct	26	(Sat)	05:23	06:10	103	12:00	64S	17:50	257	18:37
2024	Oct	27	(Sun)	05:23	06:10	103	12:00	63S	17:50	257	18:37
2024	Oct	28	(Mon)	05:23	06:10	103	12:00	63S	17:49	256	18:37
2024	Oct	29	(Tue)	05:24	06:11	104	12:00	63S	17:49	256	18:36
2024	Oct	30	(Wed)	05:24	06:11	104	12:00	62S	17:49	256	18:36
2024	Oct	31	(Thu)	05:24	06:11	104	12:00	62S	17:48	255	18:36
2024	Nov	01	(Fri)	05:24	06:12	105	12:00	62S	17:48	255	18:35
2024	Nov	02	(Sat)	05:25	06:12	105	12:00	61S	17:47	255	18:35
2024	Nov	03	(Sun)	05:25	06:12	105	12:00	61S	17:47	254	18:35
2024	Nov	04	(Mon)	05:25	06:13	106	12:00	61S	17:47	254	18:34
2024	Nov	05	(Tue)	05:25	06:13	106	12:00	60S	17:47	254	18:34
2024	Nov	06	(Wed)	05:26	06:13	106	12:00	60S	17:46	253	18:34
2024	Nov	07	(Thu)	05:26	06:14	107	12:00	60S	17:46	253	18:34
2024	Nov	08	(Fri)	05:26	06:14	107	12:00	59S	17:46	253	18:34
2024	Nov	09	(Sat)	05:27	06:15	107	12:00	59S	17:45	253	18:33
2024	Nov	10	(Sun)	05:27	06:15	108	12:00	59S	17:45	252	18:33
2024	Nov	11	(Mon)	05:27	06:15	108	12:00	59S	17:45	252	18:33
2024	Nov	12	(Tue)	05:28	06:16	108	12:00	58S	17:45	252	18:33
2024	Nov	13	(Wed)	05:28	06:16	108	12:01	58S	17:45	251	18:33
2024	Nov	14	(Thu)	05:28	06:17	109	12:01	58S	17:45	251	18:33
2024	Nov	15	(Fri)	05:29	06:17	109	12:01	58S	17:44	251	18:33
2024	Nov	16	(Sat)	05:29	06:18	109	12:01	57S	17:44	251	18:33
2024	Nov	17	(Sun)	05:30	06:18	109	12:01	57S	17:44	250	18:33
2024	Nov	18	(Mon)	05:30	06:19	110	12:01	57S	17:44	250	18:33
2024	Nov	19	(Tue)	05:30	06:19	110	12:02	57S	17:44	250	18:33
2024	Nov	20	(Wed)	05:31	06:20	110	12:02	56S	17:44	250	18:33
2024	Nov	21	(Thu)	05:31	06:20	110	12:02	56S	17:44	249	18:33
2024	Nov	22	(Fri)	05:32	06:21	111	12:02	56S	17:44	249	18:33
2024	Nov	23	(Sat)	05:32	06:21	111	12:03	56S	17:44	249	18:33
2024	Nov	24	(Sun)	05:33	06:22	111	12:03	56S	17:44	249	18:33
2024	Nov	25	(Mon)	05:33	06:22	111	12:03	55S	17:44	249	18:33
2024	Nov	26	(Tue)	05:34	06:23	111	12:04	55S	17:44	248	18:34
2024	Nov	27	(Wed)	05:34	06:23	112	12:04	55S	17:45	248	18:34
2024	Nov	28	(Thu)	05:34	06:24	112	12:04	55S	17:45	248	18:34
2024	Nov	29	(Fri)	05:35	06:24	112	12:05	55S	17:45	248	18:34
2024	Nov	30	(Sat)	05:35	06:25	112	12:05	54S	17:45	248	18:34
2024	Dec	01	(Sun)	05:36	06:25	112	12:05	54S	17:45	248	18:35
2024	Dec	02	(Mon)	05:37	06:26	113	12:06	54S	17:45	247	18:35
2024	Dec	03	(Tue)	05:37	06:27	113	12:06	54S	17:46	247	18:35
2024	Dec	04	(Wed)	05:38	06:27	113	12:07	54S	17:46	247	18:35
2024	Dec	05	(Thu)	05:38	06:28	113	12:07	54S	17:46	247	18:36
2024	Dec	06	(Fri)	05:39	06:28	113	12:07	54S	17:46	247	18:36
2024	Dec	07	(Sat)	05:39	06:29	113	12:08	53S	17:47	247	18:36
2024	Dec	08	(Sun)	05:40	06:29	113	12:08	53S	17:47	247	18:37
2024	Dec	09	(Mon)	05:40	06:30	113	12:09	53S	17:47	247	18:37
2024	Dec	10	(Tue)	05:41	06:30	114	12:09	53S	17:48	246	18:38
2024	Dec	11	(Wed)	05:41	06:31	114	12:10	53S	17:48	246	18:38
2024	Dec	12	(Thu)	05:42	06:32	114	12:10	53S	17:48	246	18:38
2024	Dec	13	(Fri)	05:42	06:32	114	12:11	53S	17:49	246	18:39

2024	Dec	14	(Sat)	05:43	06:33	114	12:11	53S	17:49	246	18:39
2024	Dec	15	(Sun)	05:43	06:33	114	12:11	53S	17:50	246	18:40
2024	Dec	16	(Mon)	05:44	06:34	114	12:12	53S	17:50	246	18:40
2024	Dec	17	(Tue)	05:44	06:34	114	12:12	53S	17:51	246	18:41
2024	Dec	18	(Wed)	05:45	06:35	114	12:13	53S	17:51	246	18:41
2024	Dec	19	(Thu)	05:45	06:35	114	12:13	53S	17:52	246	18:42
2024	Dec	20	(Fri)	05:46	06:36	114	12:14	53S	17:52	246	18:42
2024	Dec	21	(Sat)	05:46	06:36	114	12:14	53S	17:52	246	18:42
2024	Dec	22	(Sun)	05:47	06:37	114	12:15	53S	17:53	246	18:43
2024	Dec	23	(Mon)	05:47	06:37	114	12:15	53S	17:53	246	18:43
2024	Dec	24	(Tue)	05:48	06:38	114	12:16	53S	17:54	246	18:44
2024	Dec	25	(Wed)	05:48	06:38	114	12:16	53S	17:55	246	18:45
2024	Dec	26	(Thu)	05:49	06:39	114	12:17	53S	17:55	246	18:45
2024	Dec	27	(Fri)	05:49	06:39	114	12:17	53S	17:56	246	18:46
2024	Dec	28	(Sat)	05:50	06:40	114	12:18	53S	17:56	246	18:46
2024	Dec	29	(Sun)	05:50	06:40	114	12:18	53S	17:57	246	18:47
2024	Dec	30	(Mon)	05:51	06:40	114	12:19	53S	17:57	246	18:47
2024	Dec	31	(Tue)	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	Rise	Az.	Transit	Alt.	Set	Az.	End
				Civil						Civil	
				Twilight						Twilight	
				h m	h m	°	h m	°	h m	°	h m
2024	Jan	01	(Mon)	06:18	06:41	114	12:19	53S	17:58	246	18:21
2024	Jan	02	(Tue)	06:18	06:41	114	12:20	53S	17:59	246	18:22
2024	Jan	03	(Wed)	06:19	06:42	113	12:20	53S	17:59	247	18:22
2024	Jan	04	(Thu)	06:19	06:42	113	12:21	53S	18:00	247	18:23
2024	Jan	05	(Fri)	06:19	06:42	113	12:21	53S	18:00	247	18:23
2024	Jan	06	(Sat)	06:20	06:43	113	12:22	54S	18:01	247	18:24
2024	Jan	07	(Sun)	06:20	06:43	113	12:22	54S	18:01	247	18:25
2024	Jan	08	(Mon)	06:20	06:43	113	12:23	54S	18:02	247	18:25
2024	Jan	09	(Tue)	06:21	06:44	113	12:23	54S	18:03	247	18:26
2024	Jan	10	(Wed)	06:21	06:44	113	12:23	54S	18:03	247	18:26
2024	Jan	11	(Thu)	06:21	06:44	112	12:24	54S	18:04	248	18:27
2024	Jan	12	(Fri)	06:21	06:44	112	12:24	54S	18:04	248	18:27
2024	Jan	13	(Sat)	06:22	06:44	112	12:25	55S	18:05	248	18:28
2024	Jan	14	(Sun)	06:22	06:45	112	12:25	55S	18:06	248	18:28
2024	Jan	15	(Mon)	06:22	06:45	112	12:25	55S	18:06	248	18:29
2024	Jan	16	(Tue)	06:22	06:45	112	12:26	55S	18:07	249	18:30
2024	Jan	17	(Wed)	06:22	06:45	111	12:26	55S	18:07	249	18:30
2024	Jan	18	(Thu)	06:22	06:45	111	12:26	56S	18:08	249	18:31
2024	Jan	19	(Fri)	06:22	06:45	111	12:27	56S	18:08	249	18:31
2024	Jan	20	(Sat)	06:23	06:45	111	12:27	56S	18:09	249	18:32
2024	Jan	21	(Sun)	06:23	06:45	111	12:27	56S	18:09	250	18:32
2024	Jan	22	(Mon)	06:23	06:45	110	12:28	56S	18:10	250	18:33
2024	Jan	23	(Tue)	06:23	06:45	110	12:28	57S	18:11	250	18:33
2024	Jan	24	(Wed)	06:23	06:45	110	12:28	57S	18:11	250	18:34
2024	Jan	25	(Thu)	06:23	06:45	110	12:28	57S	18:12	251	18:34
2024	Jan	26	(Fri)	06:23	06:45	109	12:29	57S	18:12	251	18:35
2024	Jan	27	(Sat)	06:23	06:45	109	12:29	58S	18:13	251	18:35
2024	Jan	28	(Sun)	06:23	06:45	109	12:29	58S	18:13	251	18:36
2024	Jan	29	(Mon)	06:23	06:45	109	12:29	58S	18:14	252	18:36
2024	Jan	30	(Tue)	06:23	06:45	108	12:29	58S	18:14	252	18:36
2024	Jan	31	(Wed)	06:22	06:45	108	12:30	59S	18:14	252	18:37
2024	Feb	01	(Thu)	06:22	06:45	108	12:30	59S	18:15	252	18:37
2024	Feb	02	(Fri)	06:22	06:44	107	12:30	59S	18:15	253	18:38
2024	Feb	03	(Sat)	06:22	06:44	107	12:30	59S	18:16	253	18:38
2024	Feb	04	(Sun)	06:22	06:44	107	12:30	60S	18:16	253	18:38
2024	Feb	05	(Mon)	06:22	06:44	106	12:30	60S	18:17	254	18:39
2024	Feb	06	(Tue)	06:21	06:44	106	12:30	60S	18:17	254	18:39
2024	Feb	07	(Wed)	06:21	06:43	106	12:30	61S	18:18	254	18:40
2024	Feb	08	(Thu)	06:21	06:43	106	12:30	61S	18:18	255	18:40
2024	Feb	09	(Fri)	06:21	06:43	105	12:30	61S	18:18	255	18:40
2024	Feb	10	(Sat)	06:20	06:42	105	12:30	62S	18:19	255	18:41

2024	Feb	11	(Sun)	06:20	06:42	105	12:30	62S	18:19	256	18:41
2024	Feb	12	(Mon)	06:20	06:42	104	12:30	62S	18:19	256	18:41
2024	Feb	13	(Tue)	06:19	06:41	104	12:30	63S	18:20	256	18:42
2024	Feb	14	(Wed)	06:19	06:41	103	12:30	63S	18:20	257	18:42
2024	Feb	15	(Thu)	06:19	06:41	103	12:30	63S	18:20	257	18:42
2024	Feb	16	(Fri)	06:18	06:40	103	12:30	64S	18:21	257	18:43
2024	Feb	17	(Sat)	06:18	06:40	102	12:30	64S	18:21	258	18:43
2024	Feb	18	(Sun)	06:17	06:39	102	12:30	64S	18:21	258	18:43
2024	Feb	19	(Mon)	06:17	06:39	102	12:30	65S	18:22	258	18:43
2024	Feb	20	(Tue)	06:17	06:38	101	12:30	65S	18:22	259	18:44
2024	Feb	21	(Wed)	06:16	06:38	101	12:30	65S	18:22	259	18:44
2024	Feb	22	(Thu)	06:16	06:37	101	12:30	66S	18:22	260	18:44
2024	Feb	23	(Fri)	06:15	06:37	100	12:30	66S	18:23	260	18:44
2024	Feb	24	(Sat)	06:15	06:36	100	12:30	67S	18:23	260	18:45
2024	Feb	25	(Sun)	06:14	06:36	99	12:29	67S	18:23	261	18:45
2024	Feb	26	(Mon)	06:14	06:35	99	12:29	67S	18:23	261	18:45
2024	Feb	27	(Tue)	06:13	06:35	99	12:29	68S	18:24	261	18:45
2024	Feb	28	(Wed)	06:13	06:34	98	12:29	68S	18:24	262	18:45
2024	Feb	29	(Thu)	06:12	06:34	98	12:29	68S	18:24	262	18:46
2024	Mar	01	(Fri)	06:11	06:33	98	12:29	69S	18:24	263	18:46
2024	Mar	02	(Sat)	06:11	06:32	97	12:28	69S	18:25	263	18:46
2024	Mar	03	(Sun)	06:10	06:32	97	12:28	70S	18:25	263	18:46
2024	Mar	04	(Mon)	06:10	06:31	96	12:28	70S	18:25	264	18:46
2024	Mar	05	(Tue)	06:09	06:30	96	12:28	70S	18:25	264	18:47
2024	Mar	06	(Wed)	06:08	06:30	96	12:27	71S	18:25	265	18:47
2024	Mar	07	(Thu)	06:08	06:29	95	12:27	71S	18:25	265	18:47
2024	Mar	08	(Fri)	06:07	06:29	95	12:27	71S	18:26	265	18:47
2024	Mar	09	(Sat)	06:07	06:28	94	12:27	72S	18:26	266	18:47
2024	Mar	10	(Sun)	06:06	06:27	94	12:26	72S	18:26	266	18:47
2024	Mar	11	(Mon)	06:05	06:27	94	12:26	73S	18:26	267	18:47
2024	Mar	12	(Tue)	06:05	06:26	93	12:26	73S	18:26	267	18:48
2024	Mar	13	(Wed)	06:04	06:25	93	12:26	73S	18:26	267	18:48
2024	Mar	14	(Thu)	06:03	06:25	92	12:25	74S	18:26	268	18:48
2024	Mar	15	(Fri)	06:03	06:24	92	12:25	74S	18:27	268	18:48
2024	Mar	16	(Sat)	06:02	06:23	91	12:25	75S	18:27	269	18:48
2024	Mar	17	(Sun)	06:01	06:22	91	12:25	75S	18:27	269	18:48
2024	Mar	18	(Mon)	06:00	06:22	91	12:24	75S	18:27	270	18:48
2024	Mar	19	(Tue)	06:00	06:21	90	12:24	76S	18:27	270	18:48
2024	Mar	20	(Wed)	05:59	06:20	90	12:24	76S	18:27	270	18:49
2024	Mar	21	(Thu)	05:58	06:20	89	12:23	77S	18:27	271	18:49
2024	Mar	22	(Fri)	05:58	06:19	89	12:23	77S	18:27	271	18:49
2024	Mar	23	(Sat)	05:57	06:18	89	12:23	77S	18:27	272	18:49
2024	Mar	24	(Sun)	05:56	06:18	88	12:22	78S	18:28	272	18:49
2024	Mar	25	(Mon)	05:55	06:17	88	12:22	78S	18:28	272	18:49
2024	Mar	26	(Tue)	05:55	06:16	87	12:22	79S	18:28	273	18:49
2024	Mar	27	(Wed)	05:54	06:15	87	12:22	79S	18:28	273	18:49
2024	Mar	28	(Thu)	05:53	06:15	87	12:21	79S	18:28	274	18:49
2024	Mar	29	(Fri)	05:53	06:14	86	12:21	80S	18:28	274	18:50
2024	Mar	30	(Sat)	05:52	06:13	86	12:21	80S	18:28	274	18:50
2024	Mar	31	(Sun)	05:51	06:13	85	12:20	81S	18:28	275	18:50
2024	Apr	01	(Mon)	05:50	06:12	85	12:20	81S	18:28	275	18:50
2024	Apr	02	(Tue)	05:50	06:11	85	12:20	81S	18:29	276	18:50
2024	Apr	03	(Wed)	05:49	06:10	84	12:19	82S	18:29	276	18:50
2024	Apr	04	(Thu)	05:48	06:10	84	12:19	82S	18:29	276	18:50
2024	Apr	05	(Fri)	05:48	06:09	83	12:19	82S	18:29	277	18:50
2024	Apr	06	(Sat)	05:47	06:08	83	12:19	83S	18:29	277	18:51
2024	Apr	07	(Sun)	05:46	06:08	83	12:18	83S	18:29	278	18:51
2024	Apr	08	(Mon)	05:45	06:07	82	12:18	84S	18:29	278	18:51
2024	Apr	09	(Tue)	05:45	06:06	82	12:18	84S	18:29	278	18:51
2024	Apr	10	(Wed)	05:44	06:06	81	12:18	84S	18:30	279	18:51
2024	Apr	11	(Thu)	05:43	06:05	81	12:17	85S	18:30	279	18:51
2024	Apr	12	(Fri)	05:43	06:04	81	12:17	85S	18:30	279	18:51
2024	Apr	13	(Sat)	05:42	06:04	80	12:17	85S	18:30	280	18:52
2024	Apr	14	(Sun)	05:41	06:03	80	12:16	86S	18:30	280	18:52
2024	Apr	15	(Mon)	05:41	06:02	80	12:16	86S	18:30	281	18:52
2024	Apr	16	(Tue)	05:40	06:02	79	12:16	86S	18:30	281	18:52
2024	Apr	17	(Wed)	05:39	06:01	79	12:16	87S	18:31	281	18:52
2024	Apr	18	(Thu)	05:39	06:01	79	12:16	87S	18:31	282	18:53
2024	Apr	19	(Fri)	05:38	06:00	78	12:15	88S	18:31	282	18:53
2024	Apr	20	(Sat)	05:38	05:59	78	12:15	88S	18:31	282	18:53
2024	Apr	21	(Sun)	05:37	05:59	77	12:15	88S	18:31	283	18:53
2024	Apr	22	(Mon)	05:36	05:58	77	12:15	89S	18:31	283	18:53

2024	Apr	23	(Tue)	05:36	05:58	77	12:15	89S	18:32	283	18:54
2024	Apr	24	(Wed)	05:35	05:57	76	12:14	89S	18:32	284	18:54
2024	Apr	25	(Thu)	05:35	05:57	76	12:14	90S	18:32	284	18:54
2024	Apr	26	(Fri)	05:34	05:56	76	12:14	90S	18:32	284	18:54
2024	Apr	27	(Sat)	05:33	05:56	75	12:14	90S	18:32	285	18:54
2024	Apr	28	(Sun)	05:33	05:55	75	12:14	90S	18:33	285	18:55
2024	Apr	29	(Mon)	05:32	05:55	75	12:14	91N	18:33	285	18:55
2024	Apr	30	(Tue)	05:32	05:54	74	12:13	90N	18:33	286	18:55
2024	May	01	(Wed)	05:31	05:54	74	12:13	90N	18:33	286	18:55
2024	May	02	(Thu)	05:31	05:53	74	12:13	90N	18:33	286	18:56
2024	May	03	(Fri)	05:30	05:53	73	12:13	89N	18:34	287	18:56
2024	May	04	(Sat)	05:30	05:52	73	12:13	89N	18:34	287	18:56
2024	May	05	(Sun)	05:30	05:52	73	12:13	89N	18:34	287	18:57
2024	May	06	(Mon)	05:29	05:52	73	12:13	89N	18:34	288	18:57
2024	May	07	(Tue)	05:29	05:51	72	12:13	88N	18:35	288	18:57
2024	May	08	(Wed)	05:28	05:51	72	12:13	88N	18:35	288	18:57
2024	May	09	(Thu)	05:28	05:50	72	12:13	88N	18:35	288	18:58
2024	May	10	(Fri)	05:27	05:50	71	12:13	88N	18:35	289	18:58
2024	May	11	(Sat)	05:27	05:50	71	12:13	87N	18:36	289	18:58
2024	May	12	(Sun)	05:27	05:49	71	12:13	87N	18:36	289	18:59
2024	May	13	(Mon)	05:26	05:49	71	12:13	87N	18:36	289	18:59
2024	May	14	(Tue)	05:26	05:49	70	12:13	87N	18:37	290	18:59
2024	May	15	(Wed)	05:26	05:49	70	12:13	86N	18:37	290	19:00
2024	May	16	(Thu)	05:25	05:48	70	12:13	86N	18:37	290	19:00
2024	May	17	(Fri)	05:25	05:48	70	12:13	86N	18:37	290	19:00
2024	May	18	(Sat)	05:25	05:48	69	12:13	86N	18:38	291	19:01
2024	May	19	(Sun)	05:25	05:48	69	12:13	85N	18:38	291	19:01
2024	May	20	(Mon)	05:24	05:47	69	12:13	85N	18:38	291	19:01
2024	May	21	(Tue)	05:24	05:47	69	12:13	85N	18:39	291	19:02
2024	May	22	(Wed)	05:24	05:47	69	12:13	85N	18:39	291	19:02
2024	May	23	(Thu)	05:24	05:47	68	12:13	85N	18:39	292	19:02
2024	May	24	(Fri)	05:24	05:47	68	12:13	84N	18:40	292	19:03
2024	May	25	(Sat)	05:23	05:47	68	12:13	84N	18:40	292	19:03
2024	May	26	(Sun)	05:23	05:47	68	12:13	84N	18:40	292	19:03
2024	May	27	(Mon)	05:23	05:46	68	12:13	84N	18:41	292	19:04
2024	May	28	(Tue)	05:23	05:46	68	12:14	84N	18:41	293	19:04
2024	May	29	(Wed)	05:23	05:46	67	12:14	84N	18:41	293	19:05
2024	May	30	(Thu)	05:23	05:46	67	12:14	83N	18:42	293	19:05
2024	May	31	(Fri)	05:23	05:46	67	12:14	83N	18:42	293	19:05
2024	Jun	01	(Sat)	05:23	05:46	67	12:14	83N	18:42	293	19:06
2024	Jun	02	(Sun)	05:23	05:46	67	12:14	83N	18:43	293	19:06
2024	Jun	03	(Mon)	05:23	05:46	67	12:14	83N	18:43	293	19:06
2024	Jun	04	(Tue)	05:23	05:46	67	12:15	83N	18:43	294	19:07
2024	Jun	05	(Wed)	05:23	05:46	66	12:15	83N	18:43	294	19:07
2024	Jun	06	(Thu)	05:23	05:46	66	12:15	83N	18:44	294	19:07
2024	Jun	07	(Fri)	05:23	05:46	66	12:15	82N	18:44	294	19:08
2024	Jun	08	(Sat)	05:23	05:46	66	12:15	82N	18:44	294	19:08
2024	Jun	09	(Sun)	05:23	05:47	66	12:16	82N	18:45	294	19:08
2024	Jun	10	(Mon)	05:23	05:47	66	12:16	82N	18:45	294	19:09
2024	Jun	11	(Tue)	05:23	05:47	66	12:16	82N	18:45	294	19:09
2024	Jun	12	(Wed)	05:23	05:47	66	12:16	82N	18:46	294	19:09
2024	Jun	13	(Thu)	05:23	05:47	66	12:16	82N	18:46	294	19:09
2024	Jun	14	(Fri)	05:24	05:47	66	12:17	82N	18:46	294	19:10
2024	Jun	15	(Sat)	05:24	05:47	66	12:17	82N	18:46	294	19:10
2024	Jun	16	(Sun)	05:24	05:48	66	12:17	82N	18:47	294	19:10
2024	Jun	17	(Mon)	05:24	05:48	66	12:17	82N	18:47	294	19:11
2024	Jun	18	(Tue)	05:24	05:48	66	12:17	82N	18:47	294	19:11
2024	Jun	19	(Wed)	05:24	05:48	66	12:18	82N	18:47	294	19:11
2024	Jun	20	(Thu)	05:25	05:48	66	12:18	82N	18:48	295	19:11
2024	Jun	21	(Fri)	05:25	05:48	65	12:18	82N	18:48	295	19:11
2024	Jun	22	(Sat)	05:25	05:49	66	12:18	82N	18:48	294	19:12
2024	Jun	23	(Sun)	05:25	05:49	66	12:19	82N	18:48	294	19:12
2024	Jun	24	(Mon)	05:26	05:49	66	12:19	82N	18:48	294	19:12
2024	Jun	25	(Tue)	05:26	05:49	66	12:19	82N	18:49	294	19:12
2024	Jun	26	(Wed)	05:26	05:50	66	12:19	82N	18:49	294	19:12
2024	Jun	27	(Thu)	05:26	05:50	66	12:19	82N	18:49	294	19:12
2024	Jun	28	(Fri)	05:27	05:50	66	12:20	82N	18:49	294	19:13
2024	Jun	29	(Sat)	05:27	05:50	66	12:20	82N	18:49	294	19:13
2024	Jun	30	(Sun)	05:27	05:51	66	12:20	82N	18:49	294	19:13
2024	Jul	01	(Mon)	05:27	05:51	66	12:20	82N	18:49	294	19:13
2024	Jul	02	(Tue)	05:28	05:51	66	12:20	82N	18:49	294	19:13
2024	Jul	03	(Wed)	05:28	05:52	66	12:21	82N	18:50	294	19:13

2024	Jul	04	(Thu)	05:28	05:52	66	12:21	82N	18:50	294	19:13
2024	Jul	05	(Fri)	05:29	05:52	66	12:21	83N	18:50	294	19:13
2024	Jul	06	(Sat)	05:29	05:52	66	12:21	83N	18:50	294	19:13
2024	Jul	07	(Sun)	05:29	05:53	66	12:21	83N	18:50	294	19:13
2024	Jul	08	(Mon)	05:30	05:53	67	12:21	83N	18:50	293	19:13
2024	Jul	09	(Tue)	05:30	05:53	67	12:22	83N	18:50	293	19:13
2024	Jul	10	(Wed)	05:30	05:54	67	12:22	83N	18:50	293	19:13
2024	Jul	11	(Thu)	05:31	05:54	67	12:22	83N	18:50	293	19:13
2024	Jul	12	(Fri)	05:31	05:54	67	12:22	83N	18:50	293	19:13
2024	Jul	13	(Sat)	05:31	05:55	67	12:22	84N	18:50	293	19:13
2024	Jul	14	(Sun)	05:32	05:55	67	12:22	84N	18:49	293	19:13
2024	Jul	15	(Mon)	05:32	05:55	68	12:22	84N	18:49	292	19:13
2024	Jul	16	(Tue)	05:32	05:55	68	12:22	84N	18:49	292	19:12
2024	Jul	17	(Wed)	05:33	05:56	68	12:22	84N	18:49	292	19:12
2024	Jul	18	(Thu)	05:33	05:56	68	12:23	84N	18:49	292	19:12
2024	Jul	19	(Fri)	05:33	05:56	68	12:23	85N	18:49	292	19:12
2024	Jul	20	(Sat)	05:33	05:57	68	12:23	85N	18:49	291	19:12
2024	Jul	21	(Sun)	05:34	05:57	69	12:23	85N	18:48	291	19:12
2024	Jul	22	(Mon)	05:34	05:57	69	12:23	85N	18:48	291	19:11
2024	Jul	23	(Tue)	05:34	05:57	69	12:23	85N	18:48	291	19:11
2024	Jul	24	(Wed)	05:35	05:58	69	12:23	86N	18:48	291	19:11
2024	Jul	25	(Thu)	05:35	05:58	69	12:23	86N	18:48	290	19:10
2024	Jul	26	(Fri)	05:35	05:58	70	12:23	86N	18:47	290	19:10
2024	Jul	27	(Sat)	05:36	05:58	70	12:23	86N	18:47	290	19:10
2024	Jul	28	(Sun)	05:36	05:59	70	12:23	86N	18:47	290	19:09
2024	Jul	29	(Mon)	05:36	05:59	70	12:23	87N	18:46	289	19:09
2024	Jul	30	(Tue)	05:36	05:59	71	12:23	87N	18:46	289	19:09
2024	Jul	31	(Wed)	05:37	05:59	71	12:23	87N	18:46	289	19:08
2024	Aug	01	(Thu)	05:37	06:00	71	12:23	87N	18:45	289	19:08
2024	Aug	02	(Fri)	05:37	06:00	71	12:23	88N	18:45	288	19:08
2024	Aug	03	(Sat)	05:38	06:00	72	12:22	88N	18:45	288	19:07
2024	Aug	04	(Sun)	05:38	06:00	72	12:22	88N	18:44	288	19:07
2024	Aug	05	(Mon)	05:38	06:01	72	12:22	88N	18:44	288	19:06
2024	Aug	06	(Tue)	05:38	06:01	73	12:22	89N	18:43	287	19:06
2024	Aug	07	(Wed)	05:39	06:01	73	12:22	89N	18:43	287	19:05
2024	Aug	08	(Thu)	05:39	06:01	73	12:22	89N	18:42	287	19:05
2024	Aug	09	(Fri)	05:39	06:01	73	12:22	90N	18:42	286	19:04
2024	Aug	10	(Sat)	05:39	06:02	74	12:22	90N	18:41	286	19:04
2024	Aug	11	(Sun)	05:39	06:02	74	12:21	90N	18:41	286	19:03
2024	Aug	12	(Mon)	05:40	06:02	74	12:21	90N	18:40	285	19:03
2024	Aug	13	(Tue)	05:40	06:02	75	12:21	91S	18:40	285	19:02
2024	Aug	14	(Wed)	05:40	06:02	75	12:21	90S	18:39	285	19:02
2024	Aug	15	(Thu)	05:40	06:02	75	12:21	90S	18:39	284	19:01
2024	Aug	16	(Fri)	05:40	06:03	76	12:21	90S	18:38	284	19:00
2024	Aug	17	(Sat)	05:41	06:03	76	12:20	89S	18:38	284	19:00
2024	Aug	18	(Sun)	05:41	06:03	76	12:20	89S	18:37	284	18:59
2024	Aug	19	(Mon)	05:41	06:03	77	12:20	89S	18:37	283	18:59
2024	Aug	20	(Tue)	05:41	06:03	77	12:20	88S	18:36	283	18:58
2024	Aug	21	(Wed)	05:41	06:03	77	12:19	88S	18:35	282	18:57
2024	Aug	22	(Thu)	05:41	06:03	78	12:19	88S	18:35	282	18:57
2024	Aug	23	(Fri)	05:42	06:03	78	12:19	87S	18:34	282	18:56
2024	Aug	24	(Sat)	05:42	06:04	78	12:19	87S	18:33	281	18:55
2024	Aug	25	(Sun)	05:42	06:04	79	12:18	87S	18:33	281	18:55
2024	Aug	26	(Mon)	05:42	06:04	79	12:18	86S	18:32	281	18:54
2024	Aug	27	(Tue)	05:42	06:04	79	12:18	86S	18:31	280	18:53
2024	Aug	28	(Wed)	05:42	06:04	80	12:17	86S	18:31	280	18:52
2024	Aug	29	(Thu)	05:42	06:04	80	12:17	85S	18:30	280	18:52
2024	Aug	30	(Fri)	05:42	06:04	81	12:17	85S	18:29	279	18:51
2024	Aug	31	(Sat)	05:43	06:04	81	12:17	85S	18:29	279	18:50
2024	Sep	01	(Sun)	05:43	06:04	81	12:16	84S	18:28	278	18:50
2024	Sep	02	(Mon)	05:43	06:04	82	12:16	84S	18:27	278	18:49
2024	Sep	03	(Tue)	05:43	06:04	82	12:16	84S	18:27	278	18:48
2024	Sep	04	(Wed)	05:43	06:04	82	12:15	83S	18:26	277	18:47
2024	Sep	05	(Thu)	05:43	06:05	83	12:15	83S	18:25	277	18:47
2024	Sep	06	(Fri)	05:43	06:05	83	12:15	82S	18:24	277	18:46
2024	Sep	07	(Sat)	05:43	06:05	84	12:14	82S	18:24	276	18:45
2024	Sep	08	(Sun)	05:43	06:05	84	12:14	82S	18:23	276	18:44
2024	Sep	09	(Mon)	05:43	06:05	84	12:14	81S	18:22	275	18:44
2024	Sep	10	(Tue)	05:43	06:05	85	12:13	81S	18:21	275	18:43
2024	Sep	11	(Wed)	05:43	06:05	85	12:13	81S	18:21	275	18:42
2024	Sep	12	(Thu)	05:43	06:05	86	12:12	80S	18:20	274	18:41
2024	Sep	13	(Fri)	05:43	06:05	86	12:12	80S	18:19	274	18:41

2024	Sep	14	(Sat)	05:44	06:05	86	12:12	79S	18:18	273	18:40
2024	Sep	15	(Sun)	05:44	06:05	87	12:11	79S	18:18	273	18:39
2024	Sep	16	(Mon)	05:44	06:05	87	12:11	79S	18:17	273	18:38
2024	Sep	17	(Tue)	05:44	06:05	88	12:11	78S	18:16	272	18:37
2024	Sep	18	(Wed)	05:44	06:05	88	12:10	78S	18:15	272	18:37
2024	Sep	19	(Thu)	05:44	06:05	88	12:10	77S	18:15	271	18:36
2024	Sep	20	(Fri)	05:44	06:05	89	12:10	77S	18:14	271	18:35
2024	Sep	21	(Sat)	05:44	06:05	89	12:09	77S	18:13	271	18:34
2024	Sep	22	(Sun)	05:44	06:05	90	12:09	76S	18:12	270	18:34
2024	Sep	23	(Mon)	05:44	06:05	90	12:09	76S	18:12	270	18:33
2024	Sep	24	(Tue)	05:44	06:05	90	12:08	75S	18:11	269	18:32
2024	Sep	25	(Wed)	05:44	06:05	91	12:08	75S	18:10	269	18:31
2024	Sep	26	(Thu)	05:44	06:06	91	12:08	75S	18:09	269	18:31
2024	Sep	27	(Fri)	05:44	06:06	92	12:07	74S	18:09	268	18:30
2024	Sep	28	(Sat)	05:44	06:06	92	12:07	74S	18:08	268	18:29
2024	Sep	29	(Sun)	05:44	06:06	92	12:07	74S	18:07	267	18:28
2024	Sep	30	(Mon)	05:44	06:06	93	12:06	73S	18:06	267	18:28
2024	Oct	01	(Tue)	05:45	06:06	93	12:06	73S	18:06	267	18:27
2024	Oct	02	(Wed)	05:45	06:06	94	12:06	72S	18:05	266	18:26
2024	Oct	03	(Thu)	05:45	06:06	94	12:05	72S	18:04	266	18:26
2024	Oct	04	(Fri)	05:45	06:06	94	12:05	72S	18:03	265	18:25
2024	Oct	05	(Sat)	05:45	06:06	95	12:05	71S	18:03	265	18:24
2024	Oct	06	(Sun)	05:45	06:06	95	12:04	71S	18:02	265	18:23
2024	Oct	07	(Mon)	05:45	06:06	96	12:04	70S	18:01	264	18:23
2024	Oct	08	(Tue)	05:45	06:07	96	12:04	70S	18:01	264	18:22
2024	Oct	09	(Wed)	05:45	06:07	96	12:03	70S	18:00	263	18:21
2024	Oct	10	(Thu)	05:45	06:07	97	12:03	69S	17:59	263	18:21
2024	Oct	11	(Fri)	05:45	06:07	97	12:03	69S	17:59	263	18:20
2024	Oct	12	(Sat)	05:46	06:07	98	12:03	69S	17:58	262	18:20
2024	Oct	13	(Sun)	05:46	06:07	98	12:02	68S	17:57	262	18:19
2024	Oct	14	(Mon)	05:46	06:07	98	12:02	68S	17:57	262	18:18
2024	Oct	15	(Tue)	05:46	06:08	99	12:02	67S	17:56	261	18:18
2024	Oct	16	(Wed)	05:46	06:08	99	12:02	67S	17:56	261	18:17
2024	Oct	17	(Thu)	05:46	06:08	99	12:02	67S	17:55	260	18:17
2024	Oct	18	(Fri)	05:46	06:08	100	12:01	66S	17:54	260	18:16
2024	Oct	19	(Sat)	05:47	06:08	100	12:01	66S	17:54	260	18:16
2024	Oct	20	(Sun)	05:47	06:09	101	12:01	66S	17:53	259	18:15
2024	Oct	21	(Mon)	05:47	06:09	101	12:01	65S	17:53	259	18:14
2024	Oct	22	(Tue)	05:47	06:09	101	12:01	65S	17:52	259	18:14
2024	Oct	23	(Wed)	05:47	06:09	102	12:01	65S	17:52	258	18:14
2024	Oct	24	(Thu)	05:48	06:09	102	12:00	64S	17:51	258	18:13
2024	Oct	25	(Fri)	05:48	06:10	102	12:00	64S	17:51	257	18:13
2024	Oct	26	(Sat)	05:48	06:10	103	12:00	64S	17:50	257	18:12
2024	Oct	27	(Sun)	05:48	06:10	103	12:00	63S	17:50	257	18:12
2024	Oct	28	(Mon)	05:49	06:10	103	12:00	63S	17:49	256	18:11
2024	Oct	29	(Tue)	05:49	06:11	104	12:00	63S	17:49	256	18:11
2024	Oct	30	(Wed)	05:49	06:11	104	12:00	62S	17:49	256	18:11
2024	Oct	31	(Thu)	05:49	06:11	104	12:00	62S	17:48	255	18:10
2024	Nov	01	(Fri)	05:50	06:12	105	12:00	62S	17:48	255	18:10
2024	Nov	02	(Sat)	05:50	06:12	105	12:00	61S	17:47	255	18:10
2024	Nov	03	(Sun)	05:50	06:12	105	12:00	61S	17:47	254	18:09
2024	Nov	04	(Mon)	05:51	06:13	106	12:00	61S	17:47	254	18:09
2024	Nov	05	(Tue)	05:51	06:13	106	12:00	60S	17:47	254	18:09
2024	Nov	06	(Wed)	05:51	06:13	106	12:00	60S	17:46	253	18:08
2024	Nov	07	(Thu)	05:52	06:14	107	12:00	60S	17:46	253	18:08
2024	Nov	08	(Fri)	05:52	06:14	107	12:00	59S	17:46	253	18:08
2024	Nov	09	(Sat)	05:52	06:15	107	12:00	59S	17:45	253	18:08
2024	Nov	10	(Sun)	05:53	06:15	108	12:00	59S	17:45	252	18:08
2024	Nov	11	(Mon)	05:53	06:15	108	12:00	59S	17:45	252	18:07
2024	Nov	12	(Tue)	05:53	06:16	108	12:00	58S	17:45	252	18:07
2024	Nov	13	(Wed)	05:54	06:16	108	12:01	58S	17:45	251	18:07
2024	Nov	14	(Thu)	05:54	06:17	109	12:01	58S	17:45	251	18:07
2024	Nov	15	(Fri)	05:55	06:17	109	12:01	58S	17:44	251	18:07
2024	Nov	16	(Sat)	05:55	06:18	109	12:01	57S	17:44	251	18:07
2024	Nov	17	(Sun)	05:56	06:18	109	12:01	57S	17:44	250	18:07
2024	Nov	18	(Mon)	05:56	06:19	110	12:01	57S	17:44	250	18:07
2024	Nov	19	(Tue)	05:56	06:19	110	12:02	57S	17:44	250	18:07
2024	Nov	20	(Wed)	05:57	06:20	110	12:02	56S	17:44	250	18:07
2024	Nov	21	(Thu)	05:57	06:20	110	12:02	56S	17:44	249	18:07
2024	Nov	22	(Fri)	05:58	06:21	111	12:02	56S	17:44	249	18:07
2024	Nov	23	(Sat)	05:58	06:21	111	12:03	56S	17:44	249	18:07
2024	Nov	24	(Sun)	05:59	06:22	111	12:03	56S	17:44	249	18:07

2024	Nov	25	(Mon)	05:59	06:22	111	12:03	55S	17:44	249	18:07
2024	Nov	26	(Tue)	06:00	06:23	111	12:04	55S	17:44	248	18:07
2024	Nov	27	(Wed)	06:00	06:23	112	12:04	55S	17:45	248	18:07
2024	Nov	28	(Thu)	06:01	06:24	112	12:04	55S	17:45	248	18:08
2024	Nov	29	(Fri)	06:01	06:24	112	12:05	55S	17:45	248	18:08
2024	Nov	30	(Sat)	06:02	06:25	112	12:05	54S	17:45	248	18:08
2024	Dec	01	(Sun)	06:02	06:25	112	12:05	54S	17:45	248	18:08
2024	Dec	02	(Mon)	06:03	06:26	113	12:06	54S	17:45	247	18:08
2024	Dec	03	(Tue)	06:04	06:27	113	12:06	54S	17:46	247	18:09
2024	Dec	04	(Wed)	06:04	06:27	113	12:07	54S	17:46	247	18:09
2024	Dec	05	(Thu)	06:05	06:28	113	12:07	54S	17:46	247	18:09
2024	Dec	06	(Fri)	06:05	06:28	113	12:07	54S	17:46	247	18:10
2024	Dec	07	(Sat)	06:06	06:29	113	12:08	53S	17:47	247	18:10
2024	Dec	08	(Sun)	06:06	06:29	113	12:08	53S	17:47	247	18:10
2024	Dec	09	(Mon)	06:07	06:30	113	12:09	53S	17:47	247	18:11
2024	Dec	10	(Tue)	06:07	06:30	114	12:09	53S	17:48	246	18:11
2024	Dec	11	(Wed)	06:08	06:31	114	12:10	53S	17:48	246	18:11
2024	Dec	12	(Thu)	06:08	06:32	114	12:10	53S	17:48	246	18:12
2024	Dec	13	(Fri)	06:09	06:32	114	12:11	53S	17:49	246	18:12
2024	Dec	14	(Sat)	06:09	06:33	114	12:11	53S	17:49	246	18:12
2024	Dec	15	(Sun)	06:10	06:33	114	12:11	53S	17:50	246	18:13
2024	Dec	16	(Mon)	06:11	06:34	114	12:12	53S	17:50	246	18:13
2024	Dec	17	(Tue)	06:11	06:34	114	12:12	53S	17:51	246	18:14
2024	Dec	18	(Wed)	06:12	06:35	114	12:13	53S	17:51	246	18:14
2024	Dec	19	(Thu)	06:12	06:35	114	12:13	53S	17:52	246	18:15
2024	Dec	20	(Fri)	06:13	06:36	114	12:14	53S	17:52	246	18:15
2024	Dec	21	(Sat)	06:13	06:36	114	12:14	53S	17:52	246	18:16
2024	Dec	22	(Sun)	06:14	06:37	114	12:15	53S	17:53	246	18:16
2024	Dec	23	(Mon)	06:14	06:37	114	12:15	53S	17:53	246	18:17
2024	Dec	24	(Tue)	06:15	06:38	114	12:16	53S	17:54	246	18:17
2024	Dec	25	(Wed)	06:15	06:38	114	12:16	53S	17:55	246	18:18
2024	Dec	26	(Thu)	06:16	06:39	114	12:17	53S	17:55	246	18:18
2024	Dec	27	(Fri)	06:16	06:39	114	12:17	53S	17:56	246	18:19
2024	Dec	28	(Sat)	06:16	06:40	114	12:18	53S	17:56	246	18:19
2024	Dec	29	(Sun)	06:17	06:40	114	12:18	53S	17:57	246	18:20
2024	Dec	30	(Mon)	06:17	06:40	114	12:19	53S	17:57	246	18:20
2024	Dec	31	(Tue)	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	°
2024 Jan 01 (Mon)	22:28	80		04:07	89S		10:30	282	
2024 Jan 02 (Tue)	23:14	86		04:48	84S		11:04	277	
2024 Jan 03 (Wed)	23:59	92		05:27	78S		11:37	271	
2024 Jan 04 (Thu)				06:06	72S		12:10	265	
2024 Jan 05 (Fri)	00:45	98		06:46	66S		12:45	259	
2024 Jan 06 (Sat)	01:33	104		07:29	61S		13:22	253	
2024 Jan 07 (Sun)	02:25	109		08:16	56S		14:04	248	
2024 Jan 08 (Mon)	03:21	114		09:08	52S		14:52	244	
2024 Jan 09 (Tue)	04:21	117		10:05	49S		15:47	242	
2024 Jan 10 (Wed)	05:25	119		11:06	47S		16:48	241	
2024 Jan 11 (Thu)	06:28	119		12:10	48S		17:54	242	
2024 Jan 12 (Fri)	07:28	116		13:13	51S		19:00	246	
2024 Jan 13 (Sat)	08:23	112		14:13	56S		20:05	251	
2024 Jan 14 (Sun)	09:12	106		15:08	62S		21:07	257	
2024 Jan 15 (Mon)	09:57	99		15:59	69S		22:05	264	
2024 Jan 16 (Tue)	10:39	92		16:48	76S		23:01	272	
2024 Jan 17 (Wed)	11:19	85		17:36	83S		23:56	279	
2024 Jan 18 (Thu)	12:00	78		18:24	89S				
2024 Jan 19 (Fri)	12:42	72		19:13	86N		00:52	285	
2024 Jan 20 (Sat)	13:27	67		20:05	82N		01:48	291	
2024 Jan 21 (Sun)	14:16	63		20:59	79N		02:45	295	
2024 Jan 22 (Mon)	15:08	61		21:54	77N		03:43	298	
2024 Jan 23 (Tue)	16:03	61		22:49	77N		04:40	299	

2024	Jan	24	(Wed)	16:58	62	23:42	79N	05:35	299
2024	Jan	25	(Thu)	17:53	65			06:25	297
2024	Jan	26	(Fri)	18:45	68	00:33	81N	07:10	293
2024	Jan	27	(Sat)	19:35	73	01:20	85N	07:51	289
2024	Jan	28	(Sun)	20:23	79	02:04	90N	08:29	284
2024	Jan	29	(Mon)	21:09	84	02:45	86S	09:03	279
2024	Jan	30	(Tue)	21:54	90	03:24	80S	09:36	273
2024	Jan	31	(Wed)	22:39	96	04:03	74S	10:09	267
2024	Feb	01	(Thu)	23:26	102	04:42	68S	10:42	261
2024	Feb	02	(Fri)			05:23	63S	11:18	255
2024	Feb	03	(Sat)	00:15	107	06:07	58S	11:57	250
2024	Feb	04	(Sun)	01:08	112	06:55	53S	12:41	246
2024	Feb	05	(Mon)	02:04	116	07:48	50S	13:31	242
2024	Feb	06	(Tue)	03:05	119	08:46	48S	14:28	241
2024	Feb	07	(Wed)	04:07	119	09:48	47S	15:30	241
2024	Feb	08	(Thu)	05:08	118	10:52	49S	16:37	243
2024	Feb	09	(Fri)	06:06	114	11:53	53S	17:43	248
2024	Feb	10	(Sat)	06:59	109	12:52	59S	18:48	254
2024	Feb	11	(Sun)	07:47	102	13:47	65S	19:50	261
2024	Feb	12	(Mon)	08:32	95	14:38	73S	20:49	269
2024	Feb	13	(Tue)	09:14	88	15:29	80S	21:47	276
2024	Feb	14	(Wed)	09:56	80	16:18	87S	22:44	283
2024	Feb	15	(Thu)	10:39	74	17:09	88N	23:42	289
2024	Feb	16	(Fri)	11:24	68	18:01	83N		
2024	Feb	17	(Sat)	12:13	64	18:54	79N	00:40	294
2024	Feb	18	(Sun)	13:04	62	19:50	77N	01:38	297
2024	Feb	19	(Mon)	13:58	61	20:45	77N	02:36	299
2024	Feb	20	(Tue)	14:53	61	21:38	78N	03:31	299
2024	Feb	21	(Wed)	15:48	64	22:29	80N	04:22	298
2024	Feb	22	(Thu)	16:41	67	23:17	84N	05:09	295
2024	Feb	23	(Fri)	17:31	71			05:50	291
2024	Feb	24	(Sat)	18:19	77	00:01	89N	06:29	286
2024	Feb	25	(Sun)	19:06	82	00:43	88S	07:04	280
2024	Feb	26	(Mon)	19:51	88	01:23	82S	07:37	275
2024	Feb	27	(Tue)	20:36	94	02:02	76S	08:10	269
2024	Feb	28	(Wed)	21:22	100	02:41	70S	08:43	263
2024	Feb	29	(Thu)	22:10	106	03:21	65S	09:17	257
2024	Mar	01	(Fri)	23:00	111	04:03	59S	09:54	252
2024	Mar	02	(Sat)	23:54	115	04:49	55S	10:35	247
2024	Mar	03	(Sun)			05:39	51S	11:22	243
2024	Mar	04	(Mon)	00:51	118	06:33	48S	12:14	241
2024	Mar	05	(Tue)	01:51	119	07:32	47S	13:12	240
2024	Mar	06	(Wed)	02:51	119	08:32	48S	14:15	242
2024	Mar	07	(Thu)	03:49	117	09:33	51S	15:20	245
2024	Mar	08	(Fri)	04:43	112	10:33	55S	16:25	250
2024	Mar	09	(Sat)	05:33	106	11:29	62S	17:28	257
2024	Mar	10	(Sun)	06:19	99	12:22	69S	18:29	265
2024	Mar	11	(Mon)	07:04	91	13:14	76S	19:29	272
2024	Mar	12	(Tue)	07:47	84	14:05	84S	20:28	280
2024	Mar	13	(Wed)	08:31	77	14:57	91N	21:28	287
2024	Mar	14	(Thu)	09:17	70	15:51	85N	22:28	292
2024	Mar	15	(Fri)	10:05	65	16:46	80N	23:29	297
2024	Mar	16	(Sat)	10:57	62	17:42	78N		
2024	Mar	17	(Sun)	11:52	61	18:39	77N	00:29	299
2024	Mar	18	(Mon)	12:48	61	19:34	77N	01:26	300
2024	Mar	19	(Tue)	13:43	63	20:26	79N	02:19	298
2024	Mar	20	(Wed)	14:37	66	21:15	83N	03:07	296
2024	Mar	21	(Thu)	15:28	70	22:00	87N	03:50	292
2024	Mar	22	(Fri)	16:16	75	22:42	89S	04:29	288
2024	Mar	23	(Sat)	17:03	80	23:23	84S	05:05	282
2024	Mar	24	(Sun)	17:48	86			05:39	277
2024	Mar	25	(Mon)	18:34	92	00:02	78S	06:12	271
2024	Mar	26	(Tue)	19:19	98	00:41	72S	06:45	265
2024	Mar	27	(Wed)	20:07	104	01:20	66S	07:18	259
2024	Mar	28	(Thu)	20:56	109	02:02	61S	07:55	253
2024	Mar	29	(Fri)	21:49	114	02:47	56S	08:34	248
2024	Mar	30	(Sat)	22:45	117	03:35	52S	09:19	244
2024	Mar	31	(Sun)	23:43	119	04:27	49S	10:08	242
2024	Apr	01	(Mon)			05:23	47S	11:03	240
2024	Apr	02	(Tue)	00:41	120	06:21	47S	12:03	241
2024	Apr	03	(Wed)	01:38	118	07:20	49S	13:05	243
2024	Apr	04	(Thu)	02:32	114	08:18	53S	14:07	248

2024 Apr 05 (Fri)	03:22 109	09:14 58S	15:09 254
2024 Apr 06 (Sat)	04:08 103	10:07 65S	16:09 261
2024 Apr 07 (Sun)	04:52 96	10:58 72S	17:09 268
2024 Apr 08 (Mon)	05:35 88	11:49 80S	18:08 276
2024 Apr 09 (Tue)	06:19 80	12:41 87S	19:08 283
2024 Apr 10 (Wed)	07:04 73	13:35 88N	20:09 290
2024 Apr 11 (Thu)	07:53 68	14:31 82N	21:12 295
2024 Apr 12 (Fri)	08:45 63	15:29 79N	22:14 298
2024 Apr 13 (Sat)	09:40 61	16:27 77N	23:15 300
2024 Apr 14 (Sun)	10:38 60	17:25 77N	
2024 Apr 15 (Mon)	11:35 62	18:20 78N	00:11 299
2024 Apr 16 (Tue)	12:30 64	19:10 81N	01:02 297
2024 Apr 17 (Wed)	13:23 68	19:57 85N	01:48 294
2024 Apr 18 (Thu)	14:12 73	20:41 90N	02:29 289
2024 Apr 19 (Fri)	15:00 78	21:21 86S	03:06 284
2024 Apr 20 (Sat)	15:45 84	22:01 80S	03:40 279
2024 Apr 21 (Sun)	16:30 90	22:40 74S	04:13 273
2024 Apr 22 (Mon)	17:16 96	23:19 68S	04:46 267
2024 Apr 23 (Tue)	18:03 102		05:19 261
2024 Apr 24 (Wed)	18:52 108	00:00 63S	05:55 255
2024 Apr 25 (Thu)	19:44 112	00:44 57S	06:34 250
2024 Apr 26 (Fri)	20:40 116	01:32 53S	07:17 246
2024 Apr 27 (Sat)	21:37 119	02:23 49S	08:05 242
2024 Apr 28 (Sun)	22:36 120	03:18 47S	08:59 241
2024 Apr 29 (Mon)	23:33 119	04:16 47S	09:56 241
2024 Apr 30 (Tue)		05:14 48S	10:57 243
2024 May 01 (Wed)	00:27 116	06:11 52S	11:58 246
2024 May 02 (Thu)	01:16 111	07:06 56S	12:58 251
2024 May 03 (Fri)	02:02 105	07:58 62S	13:57 258
2024 May 04 (Sat)	02:45 99	08:48 69S	14:54 265
2024 May 05 (Sun)	03:27 91	09:37 76S	15:52 272
2024 May 06 (Mon)	04:09 84	10:27 84S	16:50 280
2024 May 07 (Tue)	04:53 77	11:19 91S	17:50 287
2024 May 08 (Wed)	05:39 71	12:14 85N	18:52 292
2024 May 09 (Thu)	06:30 65	13:11 80N	19:55 297
2024 May 10 (Fri)	07:25 62	14:11 77N	20:58 299
2024 May 11 (Sat)	08:23 61	15:10 77N	21:58 299
2024 May 12 (Sun)	09:22 61	16:08 77N	22:53 298
2024 May 13 (Mon)	10:19 63	17:02 80N	23:42 295
2024 May 14 (Tue)	11:14 67	17:51 84N	
2024 May 15 (Wed)	12:06 71	18:36 88N	00:25 291
2024 May 16 (Thu)	12:54 76	19:18 88S	01:04 286
2024 May 17 (Fri)	13:41 82	19:58 82S	01:39 281
2024 May 18 (Sat)	14:26 88	20:37 76S	02:13 275
2024 May 19 (Sun)	15:11 94	21:16 70S	02:45 269
2024 May 20 (Mon)	15:57 100	21:57 65S	03:19 263
2024 May 21 (Tue)	16:46 106	22:40 59S	03:53 257
2024 May 22 (Wed)	17:37 111	23:26 54S	04:31 252
2024 May 23 (Thu)	18:32 115		05:13 247
2024 May 24 (Fri)	19:30 118	00:17 51S	06:00 243
2024 May 25 (Sat)	20:29 119	01:12 48S	06:53 241
2024 May 26 (Sun)	21:28 119	02:10 47S	07:50 241
2024 May 27 (Mon)	22:23 117	03:09 48S	08:51 242
2024 May 28 (Tue)	23:14 113	04:07 51S	09:53 245
2024 May 29 (Wed)		05:02 55S	10:53 250
2024 May 30 (Thu)	00:01 107	05:54 60S	11:51 256
2024 May 31 (Fri)	00:44 101	06:44 67S	12:48 263
2024 Jun 01 (Sat)	01:25 94	07:32 74S	13:43 270
2024 Jun 02 (Sun)	02:05 87	08:20 81S	14:39 277
2024 Jun 03 (Mon)	02:47 80	09:09 88S	15:36 284
2024 Jun 04 (Tue)	03:31 73	10:01 87N	16:36 290
2024 Jun 05 (Wed)	04:18 68	10:56 82N	17:38 295
2024 Jun 06 (Thu)	05:11 63	11:55 79N	18:41 298
2024 Jun 07 (Fri)	06:07 61	12:54 77N	19:42 299
2024 Jun 08 (Sat)	07:06 61	13:54 77N	20:40 299
2024 Jun 09 (Sun)	08:05 62	14:50 79N	21:32 296
2024 Jun 10 (Mon)	09:02 65	15:42 82N	22:19 293
2024 Jun 11 (Tue)	09:56 69	16:30 86N	23:00 288
2024 Jun 12 (Wed)	10:47 74	17:13 90S	23:37 283
2024 Jun 13 (Thu)	11:34 80	17:54 84S	
2024 Jun 14 (Fri)	12:20 86	18:33 79S	00:11 277
2024 Jun 15 (Sat)	13:05 92	19:12 73S	00:44 271

2024 Jun 16 (Sun)	13:50 98	19:52 67S	01:17 265
2024 Jun 17 (Mon)	14:38 104	20:34 61S	01:51 259
2024 Jun 18 (Tue)	15:28 109	21:19 56S	02:27 254
2024 Jun 19 (Wed)	16:21 113	22:08 52S	03:07 249
2024 Jun 20 (Thu)	17:18 117	23:01 49S	03:52 245
2024 Jun 21 (Fri)	18:18 119	23:59 47S	04:43 242
2024 Jun 22 (Sat)	19:18 119		05:40 241
2024 Jun 23 (Sun)	20:16 118	00:59 47S	06:41 241
2024 Jun 24 (Mon)	21:10 114	01:59 50S	07:44 244
2024 Jun 25 (Tue)	21:58 109	02:57 54S	08:46 248
2024 Jun 26 (Wed)	22:43 103	03:51 59S	09:46 254
2024 Jun 27 (Thu)	23:25 96	04:42 65S	10:43 261
2024 Jun 28 (Fri)		05:30 72S	11:39 268
2024 Jun 29 (Sat)	00:05 89	06:18 79S	12:34 275
2024 Jun 30 (Sun)	00:45 82	07:06 86S	13:30 282
2024 Jul 01 (Mon)	01:28 75	07:56 89N	14:27 288
2024 Jul 02 (Tue)	02:13 69	08:48 84N	15:27 293
2024 Jul 03 (Wed)	03:02 65	09:44 80N	16:28 297
2024 Jul 04 (Thu)	03:56 62	10:42 77N	17:30 299
2024 Jul 05 (Fri)	04:54 61	11:41 77N	18:28 299
2024 Jul 06 (Sat)	05:53 61	12:39 78N	19:23 297
2024 Jul 07 (Sun)	06:51 64	13:32 81N	20:11 294
2024 Jul 08 (Mon)	07:46 68	14:22 85N	20:55 290
2024 Jul 09 (Tue)	08:38 72	15:07 90N	21:34 285
2024 Jul 10 (Wed)	09:27 78	15:50 86S	22:09 279
2024 Jul 11 (Thu)	10:14 84	16:30 81S	22:42 273
2024 Jul 12 (Fri)	10:59 90	17:08 75S	23:15 267
2024 Jul 13 (Sat)	11:44 96	17:47 69S	23:48 262
2024 Jul 14 (Sun)	12:30 101	18:28 63S	
2024 Jul 15 (Mon)	13:18 107	19:11 58S	00:23 256
2024 Jul 16 (Tue)	14:09 112	19:57 54S	01:01 251
2024 Jul 17 (Wed)	15:05 116	20:49 50S	01:43 246
2024 Jul 18 (Thu)	16:03 118	21:44 48S	02:31 243
2024 Jul 19 (Fri)	17:03 119	22:44 47S	03:25 241
2024 Jul 20 (Sat)	18:03 119	23:45 48S	04:25 241
2024 Jul 21 (Sun)	18:59 116		05:28 243
2024 Jul 22 (Mon)	19:51 111	00:45 52S	06:32 246
2024 Jul 23 (Tue)	20:39 105	01:42 57S	07:35 252
2024 Jul 24 (Wed)	21:22 98	02:35 63S	08:35 258
2024 Jul 25 (Thu)	22:04 91	03:26 70S	09:33 266
2024 Jul 26 (Fri)	22:45 83	04:15 77S	10:29 273
2024 Jul 27 (Sat)	23:27 77	05:03 84S	11:26 280
2024 Jul 28 (Sun)		05:53 91N	12:23 287
2024 Jul 29 (Mon)	00:11 71	06:45 85N	13:21 292
2024 Jul 30 (Tue)	00:59 66	07:39 81N	14:22 296
2024 Jul 31 (Wed)	01:51 62	08:36 78N	15:22 299
2024 Aug 01 (Thu)	02:46 61	09:34 77N	16:21 299
2024 Aug 02 (Fri)	03:44 61	10:31 77N	17:16 298
2024 Aug 03 (Sat)	04:42 63	11:25 79N	18:06 296
2024 Aug 04 (Sun)	05:38 66	12:16 83N	18:51 292
2024 Aug 05 (Mon)	06:31 71	13:03 88N	19:31 287
2024 Aug 06 (Tue)	07:21 76	13:46 88S	20:08 281
2024 Aug 07 (Wed)	08:08 82	14:26 83S	20:42 275
2024 Aug 08 (Thu)	08:54 88	15:06 77S	21:14 269
2024 Aug 09 (Fri)	09:39 94	15:44 71S	21:47 264
2024 Aug 10 (Sat)	10:24 99	16:24 65S	22:21 258
2024 Aug 11 (Sun)	11:11 105	17:05 60S	22:57 253
2024 Aug 12 (Mon)	12:00 110	17:49 55S	23:36 248
2024 Aug 13 (Tue)	12:53 114	18:38 51S	
2024 Aug 14 (Wed)	13:48 118	19:30 48S	00:21 244
2024 Aug 15 (Thu)	14:47 119	20:27 47S	01:11 241
2024 Aug 16 (Fri)	15:46 119	21:27 47S	02:08 240
2024 Aug 17 (Sat)	16:44 117	22:27 50S	03:09 241
2024 Aug 18 (Sun)	17:38 113	23:26 54S	04:13 244
2024 Aug 19 (Mon)	18:28 108		05:17 249
2024 Aug 20 (Tue)	19:15 101	00:22 60S	06:19 255
2024 Aug 21 (Wed)	19:58 94	01:15 67S	07:20 262
2024 Aug 22 (Thu)	20:41 86	02:06 74S	08:18 270
2024 Aug 23 (Fri)	21:23 79	02:57 82S	09:16 278
2024 Aug 24 (Sat)	22:08 72	03:47 89S	10:15 285
2024 Aug 25 (Sun)	22:56 67	04:40 87N	11:15 291
2024 Aug 26 (Mon)	23:47 63	05:34 82N	12:16 295

2024 Aug 27 (Tue)		06:31 78N	13:17 298
2024 Aug 28 (Wed)	00:42 61	07:29 77N	14:16 300
2024 Aug 29 (Thu)	01:39 60	08:26 77N	15:12 299
2024 Aug 30 (Fri)	02:36 62	09:21 79N	16:04 297
2024 Aug 31 (Sat)	03:32 65	10:12 82N	16:49 293
2024 Sep 01 (Sun)	04:26 69	11:00 86N	17:30 289
2024 Sep 02 (Mon)	05:16 74	11:44 90S	18:08 283
2024 Sep 03 (Tue)	06:04 80	12:25 85S	18:42 277
2024 Sep 04 (Wed)	06:50 85	13:04 79S	19:15 272
2024 Sep 05 (Thu)	07:35 91	13:43 73S	19:48 266
2024 Sep 06 (Fri)	08:20 97	14:22 67S	20:21 260
2024 Sep 07 (Sat)	09:06 103	15:02 62S	20:56 254
2024 Sep 08 (Sun)	09:54 108	15:45 57S	21:33 249
2024 Sep 09 (Mon)	10:45 113	16:31 52S	22:15 245
2024 Sep 10 (Tue)	11:38 117	17:21 49S	23:02 242
2024 Sep 11 (Wed)	12:35 119	18:15 47S	23:55 240
2024 Sep 12 (Thu)	13:32 120	19:12 47S	
2024 Sep 13 (Fri)	14:29 119	20:11 48S	00:52 240
2024 Sep 14 (Sat)	15:24 116	21:09 52S	01:54 242
2024 Sep 15 (Sun)	16:15 111	22:05 57S	02:56 246
2024 Sep 16 (Mon)	17:03 105	22:59 63S	03:59 252
2024 Sep 17 (Tue)	17:48 98	23:52 70S	05:00 259
2024 Sep 18 (Wed)	18:31 90		06:00 266
2024 Sep 19 (Thu)	19:15 82	00:43 78S	07:00 274
2024 Sep 20 (Fri)	20:00 75	01:35 85S	08:00 282
2024 Sep 21 (Sat)	20:48 69	02:29 89N	09:01 288
2024 Sep 22 (Sun)	21:39 64	03:24 83N	10:04 294
2024 Sep 23 (Mon)	22:35 61	04:22 79N	11:08 298
2024 Sep 24 (Tue)	23:32 60	05:22 77N	12:09 300
2024 Sep 25 (Wed)		06:20 76N	13:08 299
2024 Sep 26 (Thu)	00:31 61	07:17 78N	14:01 298
2024 Sep 27 (Fri)	01:28 64	08:09 81N	14:48 294
2024 Sep 28 (Sat)	02:22 67	08:58 85N	15:31 290
2024 Sep 29 (Sun)	03:13 72	09:43 89N	16:09 285
2024 Sep 30 (Mon)	04:02 78	10:24 87S	16:44 279
2024 Oct 01 (Tue)	04:48 83	11:04 81S	17:17 274
2024 Oct 02 (Wed)	05:33 89	11:43 75S	17:49 268
2024 Oct 03 (Thu)	06:18 96	12:22 69S	18:22 262
2024 Oct 04 (Fri)	07:04 101	13:01 63S	18:57 256
2024 Oct 05 (Sat)	07:51 107	13:43 58S	19:33 251
2024 Oct 06 (Sun)	08:41 112	14:28 54S	20:14 246
2024 Oct 07 (Mon)	09:33 116	15:16 50S	20:58 243
2024 Oct 08 (Tue)	10:28 118	16:08 48S	21:48 241
2024 Oct 09 (Wed)	11:24 120	17:03 47S	22:43 240
2024 Oct 10 (Thu)	12:19 119	18:00 48S	23:41 241
2024 Oct 11 (Fri)	13:13 117	18:56 50S	
2024 Oct 12 (Sat)	14:04 113	19:51 54S	00:41 244
2024 Oct 13 (Sun)	14:52 108	20:45 60S	01:41 249
2024 Oct 14 (Mon)	15:36 101	21:36 66S	02:41 255
2024 Oct 15 (Tue)	16:20 94	22:27 74S	03:40 262
2024 Oct 16 (Wed)	17:03 86	23:19 81S	04:39 270
2024 Oct 17 (Thu)	17:47 79		05:39 278
2024 Oct 18 (Fri)	18:34 72	00:12 89S	06:40 285
2024 Oct 19 (Sat)	19:26 66	01:07 86N	07:44 291
2024 Oct 20 (Sun)	20:21 62	02:06 81N	08:50 296
2024 Oct 21 (Mon)	21:20 61	03:07 78N	09:55 299
2024 Oct 22 (Tue)	22:21 61	04:09 76N	10:57 300
2024 Oct 23 (Wed)	23:20 63	05:08 77N	11:54 298
2024 Oct 24 (Thu)		06:04 79N	12:45 296
2024 Oct 25 (Fri)	00:16 66	06:54 83N	13:29 292
2024 Oct 26 (Sat)	01:09 71	07:41 88N	14:09 287
2024 Oct 27 (Sun)	01:58 76	08:23 88S	14:45 281
2024 Oct 28 (Mon)	02:45 82	09:04 83S	15:19 275
2024 Oct 29 (Tue)	03:31 88	09:42 77S	15:51 269
2024 Oct 30 (Wed)	04:15 94	10:21 71S	16:24 264
2024 Oct 31 (Thu)	05:01 99	11:01 65S	16:58 258
2024 Nov 01 (Fri)	05:48 105	11:42 60S	17:34 252
2024 Nov 02 (Sat)	06:37 110	12:26 55S	18:13 248
2024 Nov 03 (Sun)	07:29 114	13:14 51S	18:57 244
2024 Nov 04 (Mon)	08:23 118	14:05 48S	19:45 241
2024 Nov 05 (Tue)	09:19 119	14:59 47S	20:38 240
2024 Nov 06 (Wed)	10:15 120	15:54 47S	21:35 241

2024 Nov 07 (Thu)	11:08 118	16:50 49S	22:33 243
2024 Nov 08 (Fri)	11:59 115	17:44 53S	23:32 247
2024 Nov 09 (Sat)	12:46 110	18:36 58S	
2024 Nov 10 (Sun)	13:30 104	19:27 64S	00:30 253
2024 Nov 11 (Mon)	14:12 97	20:16 70S	01:27 259
2024 Nov 12 (Tue)	14:53 90	21:05 78S	02:23 266
2024 Nov 13 (Wed)	15:35 83	21:55 85S	03:20 274
2024 Nov 14 (Thu)	16:20 75	22:49 89N	04:19 281
2024 Nov 15 (Fri)	17:09 69	23:46 84N	05:21 288
2024 Nov 16 (Sat)	18:03 64		06:26 294
2024 Nov 17 (Sun)	19:02 61	00:46 79N	07:33 298
2024 Nov 18 (Mon)	20:03 60	01:49 77N	08:38 299
2024 Nov 19 (Tue)	21:05 62	02:52 77N	09:40 299
2024 Nov 20 (Wed)	22:05 65	03:51 78N	10:35 297
2024 Nov 21 (Thu)	23:01 69	04:46 82N	11:24 293
2024 Nov 22 (Fri)	23:52 74	05:35 86N	12:06 289
2024 Nov 23 (Sat)		06:20 90S	12:44 283
2024 Nov 24 (Sun)	00:41 80	07:01 85S	13:19 277
2024 Nov 25 (Mon)	01:27 85	07:41 79S	13:52 271
2024 Nov 26 (Tue)	02:12 92	08:19 73S	14:24 266
2024 Nov 27 (Wed)	02:57 97	08:58 67S	14:57 260
2024 Nov 28 (Thu)	03:43 103	09:39 62S	15:33 254
2024 Nov 29 (Fri)	04:31 108	10:22 57S	16:11 249
2024 Nov 30 (Sat)	05:23 113	11:09 52S	16:53 245
2024 Dec 01 (Sun)	06:17 117	11:59 49S	17:41 242
2024 Dec 02 (Mon)	07:13 119	12:53 47S	18:33 241
2024 Dec 03 (Tue)	08:09 120	13:49 47S	19:30 241
2024 Dec 04 (Wed)	09:05 118	14:46 49S	20:28 243
2024 Dec 05 (Thu)	09:56 116	15:41 52S	21:27 246
2024 Dec 06 (Fri)	10:44 111	16:33 56S	22:25 251
2024 Dec 07 (Sat)	11:28 106	17:23 62S	23:21 257
2024 Dec 08 (Sun)	12:10 100	18:11 68S	
2024 Dec 09 (Mon)	12:50 93	18:58 75S	00:16 264
2024 Dec 10 (Tue)	13:30 85	19:46 82S	01:11 271
2024 Dec 11 (Wed)	14:12 78	20:36 89S	02:07 278
2024 Dec 12 (Thu)	14:57 72	21:30 86N	03:05 285
2024 Dec 13 (Fri)	15:47 66	22:28 81N	04:06 291
2024 Dec 14 (Sat)	16:43 63	23:29 78N	05:11 296
2024 Dec 15 (Sun)	17:43 61		06:17 299
2024 Dec 16 (Mon)	18:46 61	00:32 77N	07:21 299
2024 Dec 17 (Tue)	19:48 63	01:34 77N	08:20 298
2024 Dec 18 (Wed)	20:47 67	02:32 80N	09:12 295
2024 Dec 19 (Thu)	21:42 72	03:24 84N	09:59 291
2024 Dec 20 (Fri)	22:32 77	04:12 89N	10:39 285
2024 Dec 21 (Sat)	23:20 83	04:56 87S	11:16 280
2024 Dec 22 (Sun)		05:37 81S	11:50 274
2024 Dec 23 (Mon)	00:06 89	06:16 75S	12:23 268
2024 Dec 24 (Tue)	00:51 95	06:55 69S	12:56 262
2024 Dec 25 (Wed)	01:37 101	07:35 64S	13:30 256
2024 Dec 26 (Thu)	02:24 107	08:17 58S	14:07 251
2024 Dec 27 (Fri)	03:14 111	09:02 54S	14:48 247
2024 Dec 28 (Sat)	04:07 115	09:51 50S	15:33 243
2024 Dec 29 (Sun)	05:03 118	10:44 48S	16:24 241
2024 Dec 30 (Mon)	06:00 119	11:40 47S	17:20 241
2024 Dec 31 (Tue)	06:57 119	12:37 48S	18:19 242