

Sun

Nakhon Sawan
Location: E100°10'26.4", N15°42'43.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m °	h m °		h m
2024	Jan	01 (Mon)	05:56	06:46	114	12:22 52S	17:59	246	18:49
2024	Jan	02 (Tue)	05:56	06:46	114	12:23 52S	18:00	246	18:50
2024	Jan	03 (Wed)	05:57	06:47	114	12:23 52S	18:00	246	18:50
2024	Jan	04 (Thu)	05:57	06:47	113	12:24 52S	18:01	247	18:51
2024	Jan	05 (Fri)	05:57	06:47	113	12:24 52S	18:01	247	18:51
2024	Jan	06 (Sat)	05:58	06:48	113	12:25 52S	18:02	247	18:52
2024	Jan	07 (Sun)	05:58	06:48	113	12:25 53S	18:02	247	18:52
2024	Jan	08 (Mon)	05:58	06:48	113	12:26 53S	18:03	247	18:53
2024	Jan	09 (Tue)	05:59	06:49	113	12:26 53S	18:04	247	18:53
2024	Jan	10 (Wed)	05:59	06:49	113	12:27 53S	18:04	247	18:54
2024	Jan	11 (Thu)	05:59	06:49	113	12:27 53S	18:05	248	18:55
2024	Jan	12 (Fri)	06:00	06:49	112	12:27 53S	18:05	248	18:55
2024	Jan	13 (Sat)	06:00	06:49	112	12:28 53S	18:06	248	18:56
2024	Jan	14 (Sun)	06:00	06:50	112	12:28 54S	18:07	248	18:56
2024	Jan	15 (Mon)	06:00	06:50	112	12:28 54S	18:07	248	18:57
2024	Jan	16 (Tue)	06:00	06:50	112	12:29 54S	18:08	248	18:57
2024	Jan	17 (Wed)	06:01	06:50	111	12:29 54S	18:08	249	18:58
2024	Jan	18 (Thu)	06:01	06:50	111	12:29 54S	18:09	249	18:58
2024	Jan	19 (Fri)	06:01	06:50	111	12:30 55S	18:10	249	18:59
2024	Jan	20 (Sat)	06:01	06:50	111	12:30 55S	18:10	249	18:59
2024	Jan	21 (Sun)	06:01	06:50	111	12:30 55S	18:11	249	19:00
2024	Jan	22 (Mon)	06:01	06:50	110	12:31 55S	18:11	250	19:00
2024	Jan	23 (Tue)	06:01	06:50	110	12:31 55S	18:12	250	19:01
2024	Jan	24 (Wed)	06:01	06:50	110	12:31 56S	18:12	250	19:01
2024	Jan	25 (Thu)	06:01	06:50	110	12:31 56S	18:13	250	19:02
2024	Jan	26 (Fri)	06:01	06:50	109	12:32 56S	18:13	251	19:02
2024	Jan	27 (Sat)	06:01	06:50	109	12:32 56S	18:14	251	19:03
2024	Jan	28 (Sun)	06:01	06:50	109	12:32 57S	18:14	251	19:03
2024	Jan	29 (Mon)	06:01	06:50	109	12:32 57S	18:15	252	19:04
2024	Jan	30 (Tue)	06:01	06:50	108	12:32 57S	18:15	252	19:04
2024	Jan	31 (Wed)	06:01	06:49	108	12:33 57S	18:16	252	19:04
2024	Feb	01 (Thu)	06:01	06:49	108	12:33 58S	18:16	252	19:05
2024	Feb	02 (Fri)	06:01	06:49	107	12:33 58S	18:17	253	19:05
2024	Feb	03 (Sat)	06:01	06:49	107	12:33 58S	18:17	253	19:06
2024	Feb	04 (Sun)	06:00	06:49	107	12:33 59S	18:18	253	19:06
2024	Feb	05 (Mon)	06:00	06:48	107	12:33 59S	18:18	254	19:06
2024	Feb	06 (Tue)	06:00	06:48	106	12:33 59S	18:19	254	19:07
2024	Feb	07 (Wed)	06:00	06:48	106	12:33 60S	18:19	254	19:07
2024	Feb	08 (Thu)	06:00	06:47	106	12:33 60S	18:20	255	19:07
2024	Feb	09 (Fri)	05:59	06:47	105	12:33 60S	18:20	255	19:08
2024	Feb	10 (Sat)	05:59	06:47	105	12:33 60S	18:20	255	19:08
2024	Feb	11 (Sun)	05:59	06:46	105	12:34 61S	18:21	256	19:08
2024	Feb	12 (Mon)	05:58	06:46	104	12:34 61S	18:21	256	19:09
2024	Feb	13 (Tue)	05:58	06:46	104	12:33 61S	18:22	256	19:09
2024	Feb	14 (Wed)	05:58	06:45	104	12:33 62S	18:22	257	19:09
2024	Feb	15 (Thu)	05:57	06:45	103	12:33 62S	18:22	257	19:10
2024	Feb	16 (Fri)	05:57	06:44	103	12:33 62S	18:23	257	19:10
2024	Feb	17 (Sat)	05:57	06:44	102	12:33 63S	18:23	258	19:10
2024	Feb	18 (Sun)	05:56	06:43	102	12:33 63S	18:23	258	19:11
2024	Feb	19 (Mon)	05:56	06:43	102	12:33 64S	18:24	258	19:11
2024	Feb	20 (Tue)	05:55	06:42	101	12:33 64S	18:24	259	19:11
2024	Feb	21 (Wed)	05:55	06:42	101	12:33 64S	18:24	259	19:11
2024	Feb	22 (Thu)	05:54	06:41	101	12:33 65S	18:25	260	19:12
2024	Feb	23 (Fri)	05:54	06:41	100	12:33 65S	18:25	260	19:12
2024	Feb	24 (Sat)	05:53	06:40	100	12:33 65S	18:25	260	19:12
2024	Feb	25 (Sun)	05:53	06:40	99	12:32 66S	18:25	261	19:12
2024	Feb	26 (Mon)	05:52	06:39	99	12:32 66S	18:26	261	19:13
2024	Feb	27 (Tue)	05:52	06:38	99	12:32 66S	18:26	261	19:13
2024	Feb	28 (Wed)	05:51	06:38	98	12:32 67S	18:26	262	19:13
2024	Feb	29 (Thu)	05:51	06:37	98	12:32 67S	18:27	262	19:13

2024	Mar	01	(Fri)	05:50	06:37	98	12:32	68S	18:27	263	19:13
2024	Mar	02	(Sat)	05:49	06:36	97	12:31	68S	18:27	263	19:14
2024	Mar	03	(Sun)	05:49	06:35	97	12:31	68S	18:27	263	19:14
2024	Mar	04	(Mon)	05:48	06:35	96	12:31	69S	18:27	264	19:14
2024	Mar	05	(Tue)	05:48	06:34	96	12:31	69S	18:28	264	19:14
2024	Mar	06	(Wed)	05:47	06:33	96	12:30	70S	18:28	265	19:14
2024	Mar	07	(Thu)	05:46	06:33	95	12:30	70S	18:28	265	19:15
2024	Mar	08	(Fri)	05:46	06:32	95	12:30	70S	18:28	265	19:15
2024	Mar	09	(Sat)	05:45	06:31	94	12:30	71S	18:28	266	19:15
2024	Mar	10	(Sun)	05:44	06:31	94	12:29	71S	18:29	266	19:15
2024	Mar	11	(Mon)	05:44	06:30	94	12:29	71S	18:29	267	19:15
2024	Mar	12	(Tue)	05:43	06:29	93	12:29	72S	18:29	267	19:15
2024	Mar	13	(Wed)	05:42	06:28	93	12:29	72S	18:29	268	19:16
2024	Mar	14	(Thu)	05:41	06:28	92	12:28	73S	18:29	268	19:16
2024	Mar	15	(Fri)	05:41	06:27	92	12:28	73S	18:29	268	19:16
2024	Mar	16	(Sat)	05:40	06:26	91	12:28	73S	18:30	269	19:16
2024	Mar	17	(Sun)	05:39	06:26	91	12:28	74S	18:30	269	19:16
2024	Mar	18	(Mon)	05:38	06:25	91	12:27	74S	18:30	270	19:16
2024	Mar	19	(Tue)	05:38	06:24	90	12:27	75S	18:30	270	19:17
2024	Mar	20	(Wed)	05:37	06:23	90	12:27	75S	18:30	270	19:17
2024	Mar	21	(Thu)	05:36	06:23	89	12:26	75S	18:30	271	19:17
2024	Mar	22	(Fri)	05:35	06:22	89	12:26	76S	18:31	271	19:17
2024	Mar	23	(Sat)	05:35	06:21	89	12:26	76S	18:31	272	19:17
2024	Mar	24	(Sun)	05:34	06:20	88	12:26	77S	18:31	272	19:17
2024	Mar	25	(Mon)	05:33	06:20	88	12:25	77S	18:31	272	19:17
2024	Mar	26	(Tue)	05:32	06:19	87	12:25	77S	18:31	273	19:18
2024	Mar	27	(Wed)	05:32	06:18	87	12:25	78S	18:31	273	19:18
2024	Mar	28	(Thu)	05:31	06:17	87	12:24	78S	18:31	274	19:18
2024	Mar	29	(Fri)	05:30	06:17	86	12:24	79S	18:32	274	19:18
2024	Mar	30	(Sat)	05:29	06:16	86	12:24	79S	18:32	274	19:18
2024	Mar	31	(Sun)	05:29	06:15	85	12:23	79S	18:32	275	19:18
2024	Apr	01	(Mon)	05:28	06:14	85	12:23	80S	18:32	275	19:19
2024	Apr	02	(Tue)	05:27	06:14	85	12:23	80S	18:32	276	19:19
2024	Apr	03	(Wed)	05:26	06:13	84	12:23	80S	18:32	276	19:19
2024	Apr	04	(Thu)	05:25	06:12	84	12:22	81S	18:32	276	19:19
2024	Apr	05	(Fri)	05:25	06:12	83	12:22	81S	18:33	277	19:19
2024	Apr	06	(Sat)	05:24	06:11	83	12:22	82S	18:33	277	19:20
2024	Apr	07	(Sun)	05:23	06:10	83	12:21	82S	18:33	278	19:20
2024	Apr	08	(Mon)	05:22	06:09	82	12:21	82S	18:33	278	19:20
2024	Apr	09	(Tue)	05:22	06:09	82	12:21	83S	18:33	278	19:20
2024	Apr	10	(Wed)	05:21	06:08	81	12:21	83S	18:33	279	19:20
2024	Apr	11	(Thu)	05:20	06:07	81	12:20	83S	18:33	279	19:21
2024	Apr	12	(Fri)	05:19	06:07	81	12:20	84S	18:34	280	19:21
2024	Apr	13	(Sat)	05:19	06:06	80	12:20	84S	18:34	280	19:21
2024	Apr	14	(Sun)	05:18	06:05	80	12:20	85S	18:34	280	19:21
2024	Apr	15	(Mon)	05:17	06:05	80	12:19	85S	18:34	281	19:22
2024	Apr	16	(Tue)	05:16	06:04	79	12:19	85S	18:34	281	19:22
2024	Apr	17	(Wed)	05:16	06:03	79	12:19	86S	18:35	281	19:22
2024	Apr	18	(Thu)	05:15	06:03	78	12:19	86S	18:35	282	19:22
2024	Apr	19	(Fri)	05:14	06:02	78	12:18	86S	18:35	282	19:23
2024	Apr	20	(Sat)	05:14	06:01	78	12:18	87S	18:35	282	19:23
2024	Apr	21	(Sun)	05:13	06:01	77	12:18	87S	18:35	283	19:23
2024	Apr	22	(Mon)	05:12	06:00	77	12:18	87S	18:36	283	19:24
2024	Apr	23	(Tue)	05:12	06:00	77	12:18	88S	18:36	284	19:24
2024	Apr	24	(Wed)	05:11	05:59	76	12:17	88S	18:36	284	19:24
2024	Apr	25	(Thu)	05:10	05:59	76	12:17	88S	18:36	284	19:24
2024	Apr	26	(Fri)	05:10	05:58	76	12:17	89S	18:36	285	19:25
2024	Apr	27	(Sat)	05:09	05:57	75	12:17	89S	18:37	285	19:25
2024	Apr	28	(Sun)	05:08	05:57	75	12:17	89S	18:37	285	19:25
2024	Apr	29	(Mon)	05:08	05:56	75	12:17	90S	18:37	286	19:26
2024	Apr	30	(Tue)	05:07	05:56	74	12:16	90S	18:37	286	19:26
2024	May	01	(Wed)	05:07	05:55	74	12:16	90S	18:38	286	19:26
2024	May	02	(Thu)	05:06	05:55	74	12:16	91S	18:38	286	19:27
2024	May	03	(Fri)	05:05	05:54	73	12:16	91N	18:38	287	19:27
2024	May	04	(Sat)	05:05	05:54	73	12:16	90N	18:38	287	19:27
2024	May	05	(Sun)	05:04	05:54	73	12:16	90N	18:39	287	19:28
2024	May	06	(Mon)	05:04	05:53	72	12:16	90N	18:39	288	19:28
2024	May	07	(Tue)	05:03	05:53	72	12:16	89N	18:39	288	19:29
2024	May	08	(Wed)	05:03	05:52	72	12:16	89N	18:40	288	19:29
2024	May	09	(Thu)	05:02	05:52	72	12:16	89N	18:40	289	19:29
2024	May	10	(Fri)	05:02	05:52	71	12:16	89N	18:40	289	19:30
2024	May	11	(Sat)	05:02	05:51	71	12:16	88N	18:40	289	19:30

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

2024	Jul	23	(Tue)	05:08	05:59	69	12:26	86N	18:53	291	19:43
2024	Jul	24	(Wed)	05:09	05:59	69	12:26	87N	18:53	291	19:43
2024	Jul	25	(Thu)	05:09	05:59	69	12:26	87N	18:52	291	19:43
2024	Jul	26	(Fri)	05:09	05:59	70	12:26	87N	18:52	290	19:42
2024	Jul	27	(Sat)	05:10	06:00	70	12:26	87N	18:52	290	19:42
2024	Jul	28	(Sun)	05:10	06:00	70	12:26	88N	18:51	290	19:41
2024	Jul	29	(Mon)	05:10	06:00	70	12:26	88N	18:51	290	19:41
2024	Jul	30	(Tue)	05:11	06:01	71	12:26	88N	18:51	289	19:41
2024	Jul	31	(Wed)	05:11	06:01	71	12:26	88N	18:50	289	19:40
2024	Aug	01	(Thu)	05:11	06:01	71	12:26	89N	18:50	289	19:40
2024	Aug	02	(Fri)	05:12	06:01	71	12:26	89N	18:50	289	19:39
2024	Aug	03	(Sat)	05:12	06:02	72	12:25	89N	18:49	288	19:39
2024	Aug	04	(Sun)	05:12	06:02	72	12:25	89N	18:49	288	19:38
2024	Aug	05	(Mon)	05:13	06:02	72	12:25	90N	18:48	288	19:38
2024	Aug	06	(Tue)	05:13	06:02	72	12:25	90N	18:48	287	19:37
2024	Aug	07	(Wed)	05:13	06:03	73	12:25	90N	18:47	287	19:36
2024	Aug	08	(Thu)	05:14	06:03	73	12:25	90N	18:47	287	19:36
2024	Aug	09	(Fri)	05:14	06:03	73	12:25	91S	18:46	286	19:35
2024	Aug	10	(Sat)	05:14	06:03	74	12:25	90S	18:46	286	19:35
2024	Aug	11	(Sun)	05:15	06:03	74	12:25	90S	18:45	286	19:34
2024	Aug	12	(Mon)	05:15	06:04	74	12:24	90S	18:45	286	19:33
2024	Aug	13	(Tue)	05:15	06:04	75	12:24	90S	18:44	285	19:33
2024	Aug	14	(Wed)	05:16	06:04	75	12:24	89S	18:44	285	19:32
2024	Aug	15	(Thu)	05:16	06:04	75	12:24	89S	18:43	285	19:31
2024	Aug	16	(Fri)	05:16	06:04	76	12:24	89S	18:43	284	19:31
2024	Aug	17	(Sat)	05:16	06:05	76	12:23	88S	18:42	284	19:30
2024	Aug	18	(Sun)	05:17	06:05	76	12:23	88S	18:41	284	19:29
2024	Aug	19	(Mon)	05:17	06:05	77	12:23	88S	18:41	283	19:29
2024	Aug	20	(Tue)	05:17	06:05	77	12:23	87S	18:40	283	19:28
2024	Aug	21	(Wed)	05:17	06:05	77	12:22	87S	18:39	283	19:27
2024	Aug	22	(Thu)	05:17	06:05	78	12:22	87S	18:39	282	19:27
2024	Aug	23	(Fri)	05:18	06:05	78	12:22	86S	18:38	282	19:26
2024	Aug	24	(Sat)	05:18	06:06	78	12:22	86S	18:37	282	19:25
2024	Aug	25	(Sun)	05:18	06:06	79	12:21	86S	18:37	281	19:24
2024	Aug	26	(Mon)	05:18	06:06	79	12:21	85S	18:36	281	19:24
2024	Aug	27	(Tue)	05:18	06:06	79	12:21	85S	18:35	280	19:23
2024	Aug	28	(Wed)	05:19	06:06	80	12:20	85S	18:35	280	19:22
2024	Aug	29	(Thu)	05:19	06:06	80	12:20	84S	18:34	280	19:21
2024	Aug	30	(Fri)	05:19	06:06	81	12:20	84S	18:33	279	19:20
2024	Aug	31	(Sat)	05:19	06:06	81	12:20	83S	18:32	279	19:20
2024	Sep	01	(Sun)	05:19	06:07	81	12:19	83S	18:32	279	19:19
2024	Sep	02	(Mon)	05:20	06:07	82	12:19	83S	18:31	278	19:18
2024	Sep	03	(Tue)	05:20	06:07	82	12:19	82S	18:30	278	19:17
2024	Sep	04	(Wed)	05:20	06:07	82	12:18	82S	18:29	277	19:16
2024	Sep	05	(Thu)	05:20	06:07	83	12:18	82S	18:29	277	19:16
2024	Sep	06	(Fri)	05:20	06:07	83	12:18	81S	18:28	277	19:15
2024	Sep	07	(Sat)	05:20	06:07	84	12:17	81S	18:27	276	19:14
2024	Sep	08	(Sun)	05:20	06:07	84	12:17	80S	18:26	276	19:13
2024	Sep	09	(Mon)	05:21	06:07	84	12:17	80S	18:26	275	19:12
2024	Sep	10	(Tue)	05:21	06:07	85	12:16	80S	18:25	275	19:12
2024	Sep	11	(Wed)	05:21	06:07	85	12:16	79S	18:24	275	19:11
2024	Sep	12	(Thu)	05:21	06:08	86	12:16	79S	18:23	274	19:10
2024	Sep	13	(Fri)	05:21	06:08	86	12:15	79S	18:22	274	19:09
2024	Sep	14	(Sat)	05:21	06:08	86	12:15	78S	18:22	273	19:08
2024	Sep	15	(Sun)	05:21	06:08	87	12:14	78S	18:21	273	19:07
2024	Sep	16	(Mon)	05:21	06:08	87	12:14	77S	18:20	273	19:07
2024	Sep	17	(Tue)	05:21	06:08	88	12:14	77S	18:19	272	19:06
2024	Sep	18	(Wed)	05:21	06:08	88	12:13	77S	18:18	272	19:05
2024	Sep	19	(Thu)	05:22	06:08	88	12:13	76S	18:18	271	19:04
2024	Sep	20	(Fri)	05:22	06:08	89	12:13	76S	18:17	271	19:03
2024	Sep	21	(Sat)	05:22	06:08	89	12:12	76S	18:16	271	19:03
2024	Sep	22	(Sun)	05:22	06:08	90	12:12	75S	18:15	270	19:02
2024	Sep	23	(Mon)	05:22	06:08	90	12:12	75S	18:15	270	19:01
2024	Sep	24	(Tue)	05:22	06:09	90	12:11	74S	18:14	269	19:00
2024	Sep	25	(Wed)	05:22	06:09	91	12:11	74S	18:13	269	18:59
2024	Sep	26	(Thu)	05:22	06:09	91	12:11	74S	18:12	269	18:59
2024	Sep	27	(Fri)	05:22	06:09	92	12:10	73S	18:11	268	18:58
2024	Sep	28	(Sat)	05:22	06:09	92	12:10	73S	18:11	268	18:57
2024	Sep	29	(Sun)	05:23	06:09	92	12:10	72S	18:10	267	18:56
2024	Sep	30	(Mon)	05:23	06:09	93	12:09	72S	18:09	267	18:56
2024	Oct	01	(Tue)	05:23	06:09	93	12:09	72S	18:08	267	18:55
2024	Oct	02	(Wed)	05:23	06:09	94	12:09	71S	18:08	266	18:54

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

2024	Dec	14	(Sat)	05:48	06:38	114	12:14	52S	17:50	246	18:40
2024	Dec	15	(Sun)	05:48	06:38	114	12:15	52S	17:51	246	18:41
2024	Dec	16	(Mon)	05:49	06:39	114	12:15	52S	17:51	246	18:41
2024	Dec	17	(Tue)	05:49	06:40	114	12:15	52S	17:51	246	18:42
2024	Dec	18	(Wed)	05:50	06:40	114	12:16	52S	17:52	246	18:42
2024	Dec	19	(Thu)	05:50	06:41	114	12:16	52S	17:52	246	18:43
2024	Dec	20	(Fri)	05:51	06:41	114	12:17	52S	17:53	246	18:43
2024	Dec	21	(Sat)	05:51	06:42	114	12:17	52S	17:53	246	18:44
2024	Dec	22	(Sun)	05:52	06:42	114	12:18	52S	17:54	246	18:44
2024	Dec	23	(Mon)	05:52	06:43	114	12:18	52S	17:54	246	18:45
2024	Dec	24	(Tue)	05:53	06:43	114	12:19	52S	17:55	246	18:45
2024	Dec	25	(Wed)	05:53	06:43	114	12:19	52S	17:55	246	18:46
2024	Dec	26	(Thu)	05:54	06:44	114	12:20	52S	17:56	246	18:46
2024	Dec	27	(Fri)	05:54	06:44	114	12:20	52S	17:57	246	18:47
2024	Dec	28	(Sat)	05:55	06:45	114	12:21	52S	17:57	246	18:47
2024	Dec	29	(Sun)	05:55	06:45	114	12:21	52S	17:58	246	18:48
2024	Dec	30	(Mon)	05:55	06:46	114	12:22	52S	17:58	246	18:48
2024	Dec	31	(Tue)	05:56	06:46	114	12:22	52S	17:59	246	18:49

Sun

Nakhon Sawan
Location: E100°10'26.4", N15°42'43.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

2024	Feb	11	(Sun)	06:24	06:46	105	12:34	61S	18:21	256	18:43
2024	Feb	12	(Mon)	06:24	06:46	104	12:34	61S	18:21	256	18:43
2024	Feb	13	(Tue)	06:24	06:46	104	12:33	61S	18:22	256	18:44
2024	Feb	14	(Wed)	06:23	06:45	104	12:33	62S	18:22	257	18:44
2024	Feb	15	(Thu)	06:23	06:45	103	12:33	62S	18:22	257	18:44
2024	Feb	16	(Fri)	06:22	06:44	103	12:33	62S	18:23	257	18:45
2024	Feb	17	(Sat)	06:22	06:44	102	12:33	63S	18:23	258	18:45
2024	Feb	18	(Sun)	06:21	06:43	102	12:33	63S	18:23	258	18:45
2024	Feb	19	(Mon)	06:21	06:43	102	12:33	64S	18:24	258	18:46
2024	Feb	20	(Tue)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2024	Feb	21	(Wed)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2024	Feb	22	(Thu)	06:19	06:41	101	12:33	65S	18:25	260	18:46
2024	Feb	23	(Fri)	06:19	06:41	100	12:33	65S	18:25	260	18:47
2024	Feb	24	(Sat)	06:18	06:40	100	12:33	65S	18:25	260	18:47
2024	Feb	25	(Sun)	06:18	06:40	99	12:32	66S	18:25	261	18:47
2024	Feb	26	(Mon)	06:17	06:39	99	12:32	66S	18:26	261	18:47
2024	Feb	27	(Tue)	06:17	06:38	99	12:32	66S	18:26	261	18:48
2024	Feb	28	(Wed)	06:16	06:38	98	12:32	67S	18:26	262	18:48
2024	Feb	29	(Thu)	06:16	06:37	98	12:32	67S	18:27	262	18:48
2024	Mar	01	(Fri)	06:15	06:37	98	12:32	68S	18:27	263	18:48
2024	Mar	02	(Sat)	06:14	06:36	97	12:31	68S	18:27	263	18:49
2024	Mar	03	(Sun)	06:14	06:35	97	12:31	68S	18:27	263	18:49
2024	Mar	04	(Mon)	06:13	06:35	96	12:31	69S	18:27	264	18:49
2024	Mar	05	(Tue)	06:12	06:34	96	12:31	69S	18:28	264	18:49
2024	Mar	06	(Wed)	06:12	06:33	96	12:30	70S	18:28	265	18:49
2024	Mar	07	(Thu)	06:11	06:33	95	12:30	70S	18:28	265	18:50
2024	Mar	08	(Fri)	06:10	06:32	95	12:30	70S	18:28	265	18:50
2024	Mar	09	(Sat)	06:10	06:31	94	12:30	71S	18:28	266	18:50
2024	Mar	10	(Sun)	06:09	06:31	94	12:29	71S	18:29	266	18:50
2024	Mar	11	(Mon)	06:08	06:30	94	12:29	71S	18:29	267	18:50
2024	Mar	12	(Tue)	06:08	06:29	93	12:29	72S	18:29	267	18:50
2024	Mar	13	(Wed)	06:07	06:28	93	12:29	72S	18:29	268	18:51
2024	Mar	14	(Thu)	06:06	06:28	92	12:28	73S	18:29	268	18:51
2024	Mar	15	(Fri)	06:06	06:27	92	12:28	73S	18:29	268	18:51
2024	Mar	16	(Sat)	06:05	06:26	91	12:28	73S	18:30	269	18:51
2024	Mar	17	(Sun)	06:04	06:26	91	12:28	74S	18:30	269	18:51
2024	Mar	18	(Mon)	06:03	06:25	91	12:27	74S	18:30	270	18:51
2024	Mar	19	(Tue)	06:03	06:24	90	12:27	75S	18:30	270	18:52
2024	Mar	20	(Wed)	06:02	06:23	90	12:27	75S	18:30	270	18:52
2024	Mar	21	(Thu)	06:01	06:23	89	12:26	75S	18:30	271	18:52
2024	Mar	22	(Fri)	06:00	06:22	89	12:26	76S	18:31	271	18:52
2024	Mar	23	(Sat)	06:00	06:21	89	12:26	76S	18:31	272	18:52
2024	Mar	24	(Sun)	05:59	06:20	88	12:26	77S	18:31	272	18:52
2024	Mar	25	(Mon)	05:58	06:20	88	12:25	77S	18:31	272	18:52
2024	Mar	26	(Tue)	05:57	06:19	87	12:25	77S	18:31	273	18:53
2024	Mar	27	(Wed)	05:57	06:18	87	12:25	78S	18:31	273	18:53
2024	Mar	28	(Thu)	05:56	06:17	87	12:24	78S	18:31	274	18:53
2024	Mar	29	(Fri)	05:55	06:17	86	12:24	79S	18:32	274	18:53
2024	Mar	30	(Sat)	05:54	06:16	86	12:24	79S	18:32	274	18:53
2024	Mar	31	(Sun)	05:54	06:15	85	12:23	79S	18:32	275	18:53
2024	Apr	01	(Mon)	05:53	06:14	85	12:23	80S	18:32	275	18:54
2024	Apr	02	(Tue)	05:52	06:14	85	12:23	80S	18:32	276	18:54
2024	Apr	03	(Wed)	05:51	06:13	84	12:23	80S	18:32	276	18:54
2024	Apr	04	(Thu)	05:51	06:12	84	12:22	81S	18:32	276	18:54
2024	Apr	05	(Fri)	05:50	06:12	83	12:22	81S	18:33	277	18:54
2024	Apr	06	(Sat)	05:49	06:11	83	12:22	82S	18:33	277	18:54
2024	Apr	07	(Sun)	05:48	06:10	83	12:21	82S	18:33	278	18:55
2024	Apr	08	(Mon)	05:48	06:09	82	12:21	82S	18:33	278	18:55
2024	Apr	09	(Tue)	05:47	06:09	82	12:21	83S	18:33	278	18:55
2024	Apr	10	(Wed)	05:46	06:08	81	12:21	83S	18:33	279	18:55
2024	Apr	11	(Thu)	05:46	06:07	81	12:20	83S	18:33	279	18:55
2024	Apr	12	(Fri)	05:45	06:07	81	12:20	84S	18:34	280	18:55
2024	Apr	13	(Sat)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2024	Apr	14	(Sun)	05:43	06:05	80	12:20	85S	18:34	280	18:56
2024	Apr	15	(Mon)	05:43	06:05	80	12:19	85S	18:34	281	18:56
2024	Apr	16	(Tue)	05:42	06:04	79	12:19	85S	18:34	281	18:56
2024	Apr	17	(Wed)	05:41	06:03	79	12:19	86S	18:35	281	18:56
2024	Apr	18	(Thu)	05:41	06:03	78	12:19	86S	18:35	282	18:57
2024	Apr	19	(Fri)	05:40	06:02	78	12:18	86S	18:35	282	18:57
2024	Apr	20	(Sat)	05:39	06:01	78	12:18	87S	18:35	282	18:57
2024	Apr	21	(Sun)	05:39	06:01	77	12:18	87S	18:35	283	18:57
2024	Apr	22	(Mon)	05:38	06:00	77	12:18	87S	18:36	283	18:58

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

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

2024	Sep	14	(Sat)	05:46	06:08	86	12:15	78S	18:22	273	18:43
2024	Sep	15	(Sun)	05:46	06:08	87	12:14	78S	18:21	273	18:42
2024	Sep	16	(Mon)	05:46	06:08	87	12:14	77S	18:20	273	18:42
2024	Sep	17	(Tue)	05:46	06:08	88	12:14	77S	18:19	272	18:41
2024	Sep	18	(Wed)	05:47	06:08	88	12:13	77S	18:18	272	18:40
2024	Sep	19	(Thu)	05:47	06:08	88	12:13	76S	18:18	271	18:39
2024	Sep	20	(Fri)	05:47	06:08	89	12:13	76S	18:17	271	18:38
2024	Sep	21	(Sat)	05:47	06:08	89	12:12	76S	18:16	271	18:38
2024	Sep	22	(Sun)	05:47	06:08	90	12:12	75S	18:15	270	18:37
2024	Sep	23	(Mon)	05:47	06:08	90	12:12	75S	18:15	270	18:36
2024	Sep	24	(Tue)	05:47	06:09	90	12:11	74S	18:14	269	18:35
2024	Sep	25	(Wed)	05:47	06:09	91	12:11	74S	18:13	269	18:34
2024	Sep	26	(Thu)	05:47	06:09	91	12:11	74S	18:12	269	18:34
2024	Sep	27	(Fri)	05:47	06:09	92	12:10	73S	18:11	268	18:33
2024	Sep	28	(Sat)	05:47	06:09	92	12:10	73S	18:11	268	18:32
2024	Sep	29	(Sun)	05:48	06:09	92	12:10	72S	18:10	267	18:31
2024	Sep	30	(Mon)	05:48	06:09	93	12:09	72S	18:09	267	18:31
2024	Oct	01	(Tue)	05:48	06:09	93	12:09	72S	18:08	267	18:30
2024	Oct	02	(Wed)	05:48	06:09	94	12:09	71S	18:08	266	18:29
2024	Oct	03	(Thu)	05:48	06:09	94	12:08	71S	18:07	266	18:28
2024	Oct	04	(Fri)	05:48	06:10	94	12:08	70S	18:06	265	18:28
2024	Oct	05	(Sat)	05:48	06:10	95	12:08	70S	18:05	265	18:27
2024	Oct	06	(Sun)	05:48	06:10	95	12:07	70S	18:05	265	18:26
2024	Oct	07	(Mon)	05:48	06:10	96	12:07	69S	18:04	264	18:25
2024	Oct	08	(Tue)	05:49	06:10	96	12:07	69S	18:03	264	18:25
2024	Oct	09	(Wed)	05:49	06:10	96	12:07	69S	18:03	263	18:24
2024	Oct	10	(Thu)	05:49	06:10	97	12:06	68S	18:02	263	18:23
2024	Oct	11	(Fri)	05:49	06:11	97	12:06	68S	18:01	263	18:23
2024	Oct	12	(Sat)	05:49	06:11	98	12:06	67S	18:00	262	18:22
2024	Oct	13	(Sun)	05:49	06:11	98	12:05	67S	18:00	262	18:21
2024	Oct	14	(Mon)	05:49	06:11	98	12:05	67S	17:59	261	18:21
2024	Oct	15	(Tue)	05:50	06:11	99	12:05	66S	17:59	261	18:20
2024	Oct	16	(Wed)	05:50	06:12	99	12:05	66S	17:58	261	18:20
2024	Oct	17	(Thu)	05:50	06:12	99	12:05	66S	17:57	260	18:19
2024	Oct	18	(Fri)	05:50	06:12	100	12:04	65S	17:57	260	18:18
2024	Oct	19	(Sat)	05:50	06:12	100	12:04	65S	17:56	260	18:18
2024	Oct	20	(Sun)	05:51	06:12	101	12:04	64S	17:55	259	18:17
2024	Oct	21	(Mon)	05:51	06:13	101	12:04	64S	17:55	259	18:17
2024	Oct	22	(Tue)	05:51	06:13	101	12:04	64S	17:54	258	18:16
2024	Oct	23	(Wed)	05:51	06:13	102	12:04	63S	17:54	258	18:16
2024	Oct	24	(Thu)	05:52	06:13	102	12:03	63S	17:53	258	18:15
2024	Oct	25	(Fri)	05:52	06:14	102	12:03	63S	17:53	257	18:15
2024	Oct	26	(Sat)	05:52	06:14	103	12:03	62S	17:52	257	18:14
2024	Oct	27	(Sun)	05:52	06:14	103	12:03	62S	17:52	257	18:14
2024	Oct	28	(Mon)	05:53	06:15	103	12:03	62S	17:51	256	18:13
2024	Oct	29	(Tue)	05:53	06:15	104	12:03	61S	17:51	256	18:13
2024	Oct	30	(Wed)	05:53	06:15	104	12:03	61S	17:50	256	18:12
2024	Oct	31	(Thu)	05:54	06:16	105	12:03	61S	17:50	255	18:12
2024	Nov	01	(Fri)	05:54	06:16	105	12:03	60S	17:50	255	18:12
2024	Nov	02	(Sat)	05:54	06:16	105	12:03	60S	17:49	255	18:11
2024	Nov	03	(Sun)	05:55	06:17	105	12:03	60S	17:49	254	18:11
2024	Nov	04	(Mon)	05:55	06:17	106	12:03	59S	17:48	254	18:11
2024	Nov	05	(Tue)	05:55	06:17	106	12:03	59S	17:48	254	18:10
2024	Nov	06	(Wed)	05:56	06:18	106	12:03	59S	17:48	253	18:10
2024	Nov	07	(Thu)	05:56	06:18	107	12:03	59S	17:48	253	18:10
2024	Nov	08	(Fri)	05:56	06:19	107	12:03	58S	17:47	253	18:10
2024	Nov	09	(Sat)	05:57	06:19	107	12:03	58S	17:47	252	18:09
2024	Nov	10	(Sun)	05:57	06:20	108	12:03	58S	17:47	252	18:09
2024	Nov	11	(Mon)	05:58	06:20	108	12:03	57S	17:47	252	18:09
2024	Nov	12	(Tue)	05:58	06:20	108	12:03	57S	17:46	252	18:09
2024	Nov	13	(Wed)	05:58	06:21	109	12:04	57S	17:46	251	18:09
2024	Nov	14	(Thu)	05:59	06:21	109	12:04	57S	17:46	251	18:09
2024	Nov	15	(Fri)	05:59	06:22	109	12:04	56S	17:46	251	18:08
2024	Nov	16	(Sat)	06:00	06:22	109	12:04	56S	17:46	251	18:08
2024	Nov	17	(Sun)	06:00	06:23	110	12:04	56S	17:46	250	18:08
2024	Nov	18	(Mon)	06:01	06:23	110	12:04	56S	17:46	250	18:08
2024	Nov	19	(Tue)	06:01	06:24	110	12:05	55S	17:45	250	18:08
2024	Nov	20	(Wed)	06:02	06:24	110	12:05	55S	17:45	250	18:08
2024	Nov	21	(Thu)	06:02	06:25	111	12:05	55S	17:45	249	18:08
2024	Nov	22	(Fri)	06:03	06:25	111	12:05	55S	17:45	249	18:08
2024	Nov	23	(Sat)	06:03	06:26	111	12:06	55S	17:45	249	18:08
2024	Nov	24	(Sun)	06:04	06:27	111	12:06	54S	17:45	249	18:08

2024	Nov	25	(Mon)	06:04	06:27	111	12:06	54S	17:45	249	18:08
2024	Nov	26	(Tue)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2024	Nov	27	(Wed)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2024	Nov	28	(Thu)	06:06	06:29	112	12:07	54S	17:46	248	18:09
2024	Nov	29	(Fri)	06:06	06:29	112	12:08	53S	17:46	248	18:09
2024	Nov	30	(Sat)	06:07	06:30	112	12:08	53S	17:46	248	18:09
2024	Dec	01	(Sun)	06:07	06:30	112	12:08	53S	17:46	247	18:09
2024	Dec	02	(Mon)	06:08	06:31	113	12:09	53S	17:46	247	18:10
2024	Dec	03	(Tue)	06:08	06:32	113	12:09	53S	17:47	247	18:10
2024	Dec	04	(Wed)	06:09	06:32	113	12:10	53S	17:47	247	18:10
2024	Dec	05	(Thu)	06:10	06:33	113	12:10	53S	17:47	247	18:10
2024	Dec	06	(Fri)	06:10	06:33	113	12:10	52S	17:47	247	18:11
2024	Dec	07	(Sat)	06:11	06:34	113	12:11	52S	17:48	247	18:11
2024	Dec	08	(Sun)	06:11	06:34	113	12:11	52S	17:48	247	18:11
2024	Dec	09	(Mon)	06:12	06:35	114	12:12	52S	17:48	246	18:12
2024	Dec	10	(Tue)	06:12	06:36	114	12:12	52S	17:49	246	18:12
2024	Dec	11	(Wed)	06:13	06:36	114	12:13	52S	17:49	246	18:12
2024	Dec	12	(Thu)	06:13	06:37	114	12:13	52S	17:49	246	18:13
2024	Dec	13	(Fri)	06:14	06:37	114	12:14	52S	17:50	246	18:13
2024	Dec	14	(Sat)	06:15	06:38	114	12:14	52S	17:50	246	18:14
2024	Dec	15	(Sun)	06:15	06:38	114	12:15	52S	17:51	246	18:14
2024	Dec	16	(Mon)	06:16	06:39	114	12:15	52S	17:51	246	18:14
2024	Dec	17	(Tue)	06:16	06:40	114	12:15	52S	17:51	246	18:15
2024	Dec	18	(Wed)	06:17	06:40	114	12:16	52S	17:52	246	18:15
2024	Dec	19	(Thu)	06:17	06:41	114	12:16	52S	17:52	246	18:16
2024	Dec	20	(Fri)	06:18	06:41	114	12:17	52S	17:53	246	18:16
2024	Dec	21	(Sat)	06:18	06:42	114	12:17	52S	17:53	246	18:17
2024	Dec	22	(Sun)	06:19	06:42	114	12:18	52S	17:54	246	18:17
2024	Dec	23	(Mon)	06:19	06:43	114	12:18	52S	17:54	246	18:18
2024	Dec	24	(Tue)	06:20	06:43	114	12:19	52S	17:55	246	18:18
2024	Dec	25	(Wed)	06:20	06:43	114	12:19	52S	17:55	246	18:19
2024	Dec	26	(Thu)	06:21	06:44	114	12:20	52S	17:56	246	18:19
2024	Dec	27	(Fri)	06:21	06:44	114	12:20	52S	17:57	246	18:20
2024	Dec	28	(Sat)	06:21	06:45	114	12:21	52S	17:57	246	18:20
2024	Dec	29	(Sun)	06:22	06:45	114	12:21	52S	17:58	246	18:21
2024	Dec	30	(Mon)	06:22	06:46	114	12:22	52S	17:58	246	18:22
2024	Dec	31	(Tue)	06:23	06:46	114	12:22	52S	17:59	246	18:22

Moon

Nakhon Sawan

Location: E100°10'26.4", N15°42'43.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Rise Az.		Transit Alt.		Set Az.	
			h	m °	h	m °	h	m °
2024	Jan	01 (Mon)	22:30	80	04:10	88S	10:34	282
2024	Jan	02 (Tue)	23:16	86	04:51	83S	11:08	277
2024	Jan	03 (Wed)			05:30	77S	11:40	271
2024	Jan	04 (Thu)	00:02	92	06:09	71S	12:13	265
2024	Jan	05 (Fri)	00:49	98	06:49	65S	12:47	259
2024	Jan	06 (Sat)	01:38	104	07:32	60S	13:24	253
2024	Jan	07 (Sun)	02:30	110	08:19	55S	14:05	248
2024	Jan	08 (Mon)	03:27	114	09:11	50S	14:53	244
2024	Jan	09 (Tue)	04:27	118	10:08	47S	15:47	241
2024	Jan	10 (Wed)	05:31	119	11:10	46S	16:48	241
2024	Jan	11 (Thu)	06:34	119	12:13	47S	17:54	242
2024	Jan	12 (Fri)	07:33	116	13:16	50S	19:01	245
2024	Jan	13 (Sat)	08:28	112	14:16	55S	20:07	251
2024	Jan	14 (Sun)	09:17	106	15:11	61S	21:09	257
2024	Jan	15 (Mon)	10:01	99	16:02	67S	22:08	264
2024	Jan	16 (Tue)	10:42	92	16:51	75S	23:04	272
2024	Jan	17 (Wed)	11:22	85	17:39	82S		
2024	Jan	18 (Thu)	12:02	78	18:27	88S	00:00	279
2024	Jan	19 (Fri)	12:44	72	19:16	88N	00:56	285
2024	Jan	20 (Sat)	13:28	67	20:08	83N	01:53	291
2024	Jan	21 (Sun)	14:16	63	21:02	80N	02:51	295
2024	Jan	22 (Mon)	15:08	61	21:57	78N	03:49	298
2024	Jan	23 (Tue)	16:03	61	22:52	78N	04:46	299

2024	Jan	24	(Wed)	16:59	62	23:46	80N	05:41	299
2024	Jan	25	(Thu)	17:54	64			06:30	297
2024	Jan	26	(Fri)	18:47	68	00:36	83N	07:16	294
2024	Jan	27	(Sat)	19:37	73	01:23	87N	07:56	289
2024	Jan	28	(Sun)	20:25	78	02:07	90S	08:33	284
2024	Jan	29	(Mon)	21:11	84	02:48	85S	09:07	279
2024	Jan	30	(Tue)	21:57	90	03:27	79S	09:40	273
2024	Jan	31	(Wed)	22:43	96	04:06	73S	10:12	267
2024	Feb	01	(Thu)	23:30	102	04:45	67S	10:45	261
2024	Feb	02	(Fri)			05:26	62S	11:20	255
2024	Feb	03	(Sat)	00:20	108	06:10	56S	11:58	250
2024	Feb	04	(Sun)	01:13	112	06:58	52S	12:42	246
2024	Feb	05	(Mon)	02:10	116	07:51	48S	13:31	242
2024	Feb	06	(Tue)	03:11	119	08:50	46S	14:28	241
2024	Feb	07	(Wed)	04:13	120	09:52	46S	15:31	241
2024	Feb	08	(Thu)	05:14	118	10:55	48S	16:37	243
2024	Feb	09	(Fri)	06:11	115	11:57	52S	17:44	248
2024	Feb	10	(Sat)	07:04	109	12:55	57S	18:50	254
2024	Feb	11	(Sun)	07:51	102	13:50	64S	19:52	261
2024	Feb	12	(Mon)	08:35	95	14:42	72S	20:52	269
2024	Feb	13	(Tue)	09:17	88	15:32	79S	21:50	276
2024	Feb	14	(Wed)	09:59	80	16:21	86S	22:48	283
2024	Feb	15	(Thu)	10:41	74	17:12	89N	23:46	289
2024	Feb	16	(Fri)	11:26	68	18:04	84N		
2024	Feb	17	(Sat)	12:13	64	18:58	80N	00:45	294
2024	Feb	18	(Sun)	13:05	61	19:53	78N	01:44	298
2024	Feb	19	(Mon)	13:58	60	20:48	78N	02:42	299
2024	Feb	20	(Tue)	14:54	61	21:42	79N	03:37	299
2024	Feb	21	(Wed)	15:48	63	22:33	81N	04:28	298
2024	Feb	22	(Thu)	16:42	67	23:20	85N	05:14	295
2024	Feb	23	(Fri)	17:33	71			05:55	291
2024	Feb	24	(Sat)	18:21	77	00:05	90N	06:33	286
2024	Feb	25	(Sun)	19:08	82	00:46	86S	07:08	281
2024	Feb	26	(Mon)	19:54	88	01:26	81S	07:41	275
2024	Feb	27	(Tue)	20:39	94	02:05	75S	08:13	269
2024	Feb	28	(Wed)	21:26	100	02:44	69S	08:45	263
2024	Feb	29	(Thu)	22:14	106	03:24	63S	09:19	257
2024	Mar	01	(Fri)	23:05	111	04:06	58S	09:56	252
2024	Mar	02	(Sat)	24:00	115	04:52	53S	10:37	247
2024	Mar	03	(Sun)			05:42	49S	11:22	243
2024	Mar	04	(Mon)	00:57	118	06:36	47S	12:14	241
2024	Mar	05	(Tue)	01:57	120	07:35	46S	13:13	240
2024	Mar	06	(Wed)	02:57	119	08:36	47S	14:16	242
2024	Mar	07	(Thu)	03:55	117	09:37	50S	15:21	245
2024	Mar	08	(Fri)	04:48	112	10:36	54S	16:26	250
2024	Mar	09	(Sat)	05:38	106	11:32	60S	17:30	257
2024	Mar	10	(Sun)	06:23	99	12:25	68S	18:32	265
2024	Mar	11	(Mon)	07:07	91	13:17	75S	19:32	272
2024	Mar	12	(Tue)	07:49	84	14:09	83S	20:32	280
2024	Mar	13	(Wed)	08:33	77	15:00	90S	21:32	287
2024	Mar	14	(Thu)	09:18	70	15:54	86N	22:33	293
2024	Mar	15	(Fri)	10:06	65	16:49	82N	23:35	297
2024	Mar	16	(Sat)	10:58	62	17:45	79N		
2024	Mar	17	(Sun)	11:52	60	18:42	78N	00:35	299
2024	Mar	18	(Mon)	12:48	61	19:37	78N	01:32	300
2024	Mar	19	(Tue)	13:44	62	20:29	80N	02:25	299
2024	Mar	20	(Wed)	14:37	66	21:18	84N	03:13	296
2024	Mar	21	(Thu)	15:29	70	22:03	88N	03:55	292
2024	Mar	22	(Fri)	16:18	75	22:45	88S	04:34	288
2024	Mar	23	(Sat)	17:05	80	23:26	83S	05:09	282
2024	Mar	24	(Sun)	17:51	86			05:43	277
2024	Mar	25	(Mon)	18:37	92	00:05	77S	06:15	271
2024	Mar	26	(Tue)	19:23	98	00:44	71S	06:47	265
2024	Mar	27	(Wed)	20:11	104	01:23	65S	07:21	259
2024	Mar	28	(Thu)	21:01	109	02:05	60S	07:56	253
2024	Mar	29	(Fri)	21:54	114	02:50	55S	08:36	248
2024	Mar	30	(Sat)	22:50	117	03:38	51S	09:19	244
2024	Mar	31	(Sun)	23:49	119	04:30	47S	10:09	241
2024	Apr	01	(Mon)			05:26	46S	11:03	240
2024	Apr	02	(Tue)	00:47	120	06:25	46S	12:03	241
2024	Apr	03	(Wed)	01:44	118	07:24	48S	13:05	243
2024	Apr	04	(Thu)	02:37	115	08:21	52S	14:08	248

2024 Apr 05 (Fri)	03:27 109	09:17 57S	15:11 254
2024 Apr 06 (Sat)	04:12 103	10:10 64S	16:12 261
2024 Apr 07 (Sun)	04:56 96	11:02 71S	17:12 268
2024 Apr 08 (Mon)	05:38 88	11:53 79S	18:11 276
2024 Apr 09 (Tue)	06:21 80	12:44 86S	19:12 283
2024 Apr 10 (Wed)	07:06 73	13:38 89N	20:14 290
2024 Apr 11 (Thu)	07:54 68	14:34 83N	21:17 295
2024 Apr 12 (Fri)	08:46 63	15:32 80N	22:20 298
2024 Apr 13 (Sat)	09:41 61	16:30 78N	23:21 300
2024 Apr 14 (Sun)	10:38 60	17:28 78N	
2024 Apr 15 (Mon)	11:35 62	18:23 79N	00:17 299
2024 Apr 16 (Tue)	12:31 64	19:14 82N	01:08 297
2024 Apr 17 (Wed)	13:24 68	20:00 86N	01:53 294
2024 Apr 18 (Thu)	14:14 73	20:44 90S	02:34 289
2024 Apr 19 (Fri)	15:02 78	21:25 85S	03:10 284
2024 Apr 20 (Sat)	15:48 84	22:04 79S	03:44 279
2024 Apr 21 (Sun)	16:34 90	22:43 73S	04:16 273
2024 Apr 22 (Mon)	17:20 96	23:22 67S	04:48 267
2024 Apr 23 (Tue)	18:07 102		05:22 261
2024 Apr 24 (Wed)	18:57 108	00:03 61S	05:57 255
2024 Apr 25 (Thu)	19:50 113	00:47 56S	06:35 250
2024 Apr 26 (Fri)	20:45 116	01:35 52S	07:18 245
2024 Apr 27 (Sat)	21:43 119	02:26 48S	08:06 242
2024 Apr 28 (Sun)	22:42 120	03:21 46S	08:59 240
2024 Apr 29 (Mon)	23:39 119	04:19 46S	09:57 240
2024 Apr 30 (Tue)		05:17 47S	10:58 242
2024 May 01 (Wed)	00:32 116	06:14 50S	11:59 246
2024 May 02 (Thu)	01:21 111	07:09 55S	13:00 251
2024 May 03 (Fri)	02:07 106	08:01 61S	13:59 258
2024 May 04 (Sat)	02:49 99	08:51 68S	14:57 265
2024 May 05 (Sun)	03:30 91	09:41 75S	15:55 272
2024 May 06 (Mon)	04:12 84	10:30 83S	16:54 280
2024 May 07 (Tue)	04:55 77	11:22 89S	17:54 287
2024 May 08 (Wed)	05:41 70	12:17 86N	18:57 293
2024 May 09 (Thu)	06:31 65	13:14 81N	20:01 297
2024 May 10 (Fri)	07:25 62	14:14 79N	21:04 299
2024 May 11 (Sat)	08:23 60	15:14 78N	22:04 300
2024 May 12 (Sun)	09:22 61	16:11 79N	22:59 298
2024 May 13 (Mon)	10:20 63	17:05 81N	23:47 295
2024 May 14 (Tue)	11:15 67	17:54 85N	
2024 May 15 (Wed)	12:07 71	18:39 89N	00:30 291
2024 May 16 (Thu)	12:56 76	19:21 87S	01:08 286
2024 May 17 (Fri)	13:43 82	20:01 81S	01:43 281
2024 May 18 (Sat)	14:29 88	20:40 75S	02:16 275
2024 May 19 (Sun)	15:14 94	21:19 69S	02:48 269
2024 May 20 (Mon)	16:01 100	22:00 64S	03:21 263
2024 May 21 (Tue)	16:50 106	22:43 58S	03:55 257
2024 May 22 (Wed)	17:42 111	23:29 53S	04:33 252
2024 May 23 (Thu)	18:38 115		05:14 247
2024 May 24 (Fri)	19:36 118	00:20 49S	06:01 243
2024 May 25 (Sat)	20:35 120	01:15 47S	06:53 241
2024 May 26 (Sun)	21:34 119	02:13 46S	07:51 240
2024 May 27 (Mon)	22:29 117	03:12 47S	08:52 242
2024 May 28 (Tue)	23:19 113	04:10 49S	09:53 245
2024 May 29 (Wed)		05:05 54S	10:54 250
2024 May 30 (Thu)	00:05 107	05:58 59S	11:53 256
2024 May 31 (Fri)	00:48 101	06:47 66S	12:50 262
2024 Jun 01 (Sat)	01:28 94	07:35 73S	13:46 270
2024 Jun 02 (Sun)	02:08 87	08:23 80S	14:43 277
2024 Jun 03 (Mon)	02:49 80	09:13 87S	15:41 284
2024 Jun 04 (Tue)	03:32 73	10:04 88N	16:41 290
2024 Jun 05 (Wed)	04:19 67	11:00 83N	17:43 295
2024 Jun 06 (Thu)	05:11 63	11:58 80N	18:47 298
2024 Jun 07 (Fri)	06:08 61	12:58 78N	19:48 300
2024 Jun 08 (Sat)	07:07 61	13:57 78N	20:46 299
2024 Jun 09 (Sun)	08:06 62	14:53 80N	21:38 297
2024 Jun 10 (Mon)	09:03 65	15:45 83N	22:24 293
2024 Jun 11 (Tue)	09:58 69	16:33 88N	23:04 288
2024 Jun 12 (Wed)	10:48 74	17:16 89S	23:41 283
2024 Jun 13 (Thu)	11:36 80	17:57 83S	
2024 Jun 14 (Fri)	12:23 86	18:37 77S	00:15 277
2024 Jun 15 (Sat)	13:08 92	19:15 71S	00:47 271

2024 Jun 16 (Sun)	13:54 98	19:55 66S	01:19 265
2024 Jun 17 (Mon)	14:42 104	20:37 60S	01:53 259
2024 Jun 18 (Tue)	15:33 109	21:22 55S	02:29 254
2024 Jun 19 (Wed)	16:27 114	22:11 51S	03:08 249
2024 Jun 20 (Thu)	17:24 117	23:04 48S	03:53 245
2024 Jun 21 (Fri)	18:24 119		04:44 242
2024 Jun 22 (Sat)	19:24 119	00:02 46S	05:40 240
2024 Jun 23 (Sun)	20:22 118	01:02 46S	06:41 241
2024 Jun 24 (Mon)	21:15 114	02:02 48S	07:45 244
2024 Jun 25 (Tue)	22:03 109	03:00 52S	08:47 248
2024 Jun 26 (Wed)	22:47 103	03:54 58S	09:48 254
2024 Jun 27 (Thu)	23:28 96	04:45 64S	10:46 261
2024 Jun 28 (Fri)		05:33 71S	11:42 268
2024 Jun 29 (Sat)	00:08 89	06:21 78S	12:38 275
2024 Jun 30 (Sun)	00:48 82	07:09 85S	13:34 282
2024 Jul 01 (Mon)	01:29 75	07:59 90N	14:32 288
2024 Jul 02 (Tue)	02:14 69	08:51 85N	15:32 294
2024 Jul 03 (Wed)	03:03 65	09:47 81N	16:34 297
2024 Jul 04 (Thu)	03:57 62	10:46 78N	17:36 299
2024 Jul 05 (Fri)	04:54 60	11:44 78N	18:34 299
2024 Jul 06 (Sat)	05:53 61	12:42 79N	19:29 298
2024 Jul 07 (Sun)	06:51 64	13:36 82N	20:17 294
2024 Jul 08 (Mon)	07:47 68	14:25 86N	21:00 290
2024 Jul 09 (Tue)	08:40 72	15:11 91S	21:38 285
2024 Jul 10 (Wed)	09:29 78	15:53 85S	22:13 279
2024 Jul 11 (Thu)	10:16 84	16:33 80S	22:46 273
2024 Jul 12 (Fri)	11:02 90	17:12 74S	23:18 267
2024 Jul 13 (Sat)	11:47 96	17:51 68S	23:51 261
2024 Jul 14 (Sun)	12:34 102	18:31 62S	
2024 Jul 15 (Mon)	13:23 107	19:14 57S	00:25 256
2024 Jul 16 (Tue)	14:15 112	20:01 52S	01:02 251
2024 Jul 17 (Wed)	15:10 116	20:52 49S	01:44 246
2024 Jul 18 (Thu)	16:09 119	21:48 47S	02:32 243
2024 Jul 19 (Fri)	17:09 120	22:47 46S	03:26 241
2024 Jul 20 (Sat)	18:09 119	23:48 47S	04:25 241
2024 Jul 21 (Sun)	19:05 116		05:29 242
2024 Jul 22 (Mon)	19:56 111	00:48 51S	06:33 246
2024 Jul 23 (Tue)	20:43 105	01:45 56S	07:37 252
2024 Jul 24 (Wed)	21:26 98	02:38 62S	08:37 258
2024 Jul 25 (Thu)	22:07 91	03:29 69S	09:36 266
2024 Jul 26 (Fri)	22:48 83	04:18 76S	10:33 273
2024 Jul 27 (Sat)	23:29 77	05:06 83S	11:30 280
2024 Jul 28 (Sun)		05:56 90S	12:27 287
2024 Jul 29 (Mon)	00:12 70	06:48 86N	13:27 292
2024 Jul 30 (Tue)	01:00 66	07:42 82N	14:27 296
2024 Jul 31 (Wed)	01:51 62	08:39 79N	15:28 299
2024 Aug 01 (Thu)	02:47 61	09:37 78N	16:27 300
2024 Aug 02 (Fri)	03:44 61	10:34 78N	17:22 298
2024 Aug 03 (Sat)	04:42 63	11:28 81N	18:12 296
2024 Aug 04 (Sun)	05:39 66	12:19 84N	18:56 292
2024 Aug 05 (Mon)	06:32 70	13:06 89N	19:36 287
2024 Aug 06 (Tue)	07:23 76	13:49 87S	20:12 281
2024 Aug 07 (Wed)	08:10 82	14:30 82S	20:45 275
2024 Aug 08 (Thu)	08:57 88	15:09 76S	21:17 269
2024 Aug 09 (Fri)	09:42 94	15:47 70S	21:50 264
2024 Aug 10 (Sat)	10:28 99	16:27 64S	22:23 258
2024 Aug 11 (Sun)	11:15 105	17:08 59S	22:58 252
2024 Aug 12 (Mon)	12:05 110	17:53 54S	23:38 248
2024 Aug 13 (Tue)	12:58 115	18:41 50S	
2024 Aug 14 (Wed)	13:54 118	19:34 47S	00:22 244
2024 Aug 15 (Thu)	14:53 120	20:31 46S	01:12 241
2024 Aug 16 (Fri)	15:52 120	21:30 46S	02:08 240
2024 Aug 17 (Sat)	16:50 118	22:31 49S	03:09 241
2024 Aug 18 (Sun)	17:44 114	23:29 53S	04:14 244
2024 Aug 19 (Mon)	18:33 108		05:18 249
2024 Aug 20 (Tue)	19:19 101	00:25 59S	06:21 255
2024 Aug 21 (Wed)	20:02 94	01:18 66S	07:22 262
2024 Aug 22 (Thu)	20:43 86	02:09 73S	08:21 270
2024 Aug 23 (Fri)	21:26 79	03:00 80S	09:20 278
2024 Aug 24 (Sat)	22:10 72	03:50 87S	10:20 285
2024 Aug 25 (Sun)	22:57 67	04:43 88N	11:20 291
2024 Aug 26 (Mon)	23:47 63	05:37 83N	12:21 296

2024 Aug 27 (Tue)		06:34 79N	13:23 299
2024 Aug 28 (Wed)	00:42 61	07:32 78N	14:22 300
2024 Aug 29 (Thu)	01:39 60	08:29 78N	15:18 299
2024 Aug 30 (Fri)	02:37 62	09:24 80N	16:09 297
2024 Aug 31 (Sat)	03:33 65	10:15 83N	16:55 293
2024 Sep 01 (Sun)	04:27 69	11:03 87N	17:35 289
2024 Sep 02 (Mon)	05:18 74	11:47 89S	18:12 283
2024 Sep 03 (Tue)	06:06 79	12:28 84S	18:46 278
2024 Sep 04 (Wed)	06:53 85	13:07 78S	19:18 272
2024 Sep 05 (Thu)	07:38 92	13:46 72S	19:50 265
2024 Sep 06 (Fri)	08:24 98	14:25 66S	20:23 260
2024 Sep 07 (Sat)	09:11 103	15:05 61S	20:57 254
2024 Sep 08 (Sun)	09:59 109	15:48 56S	21:35 249
2024 Sep 09 (Mon)	10:50 113	16:34 51S	22:16 245
2024 Sep 10 (Tue)	11:44 117	17:24 48S	23:03 242
2024 Sep 11 (Wed)	12:41 119	18:18 46S	23:55 240
2024 Sep 12 (Thu)	13:38 120	19:15 46S	
2024 Sep 13 (Fri)	14:35 119	20:14 47S	00:53 240
2024 Sep 14 (Sat)	15:29 116	21:12 50S	01:54 242
2024 Sep 15 (Sun)	16:20 111	22:08 55S	02:57 246
2024 Sep 16 (Mon)	17:07 105	23:03 62S	04:00 252
2024 Sep 17 (Tue)	17:51 98	23:55 69S	05:02 258
2024 Sep 18 (Wed)	18:34 90		06:03 266
2024 Sep 19 (Thu)	19:17 82	00:46 77S	07:03 274
2024 Sep 20 (Fri)	20:02 75	01:38 84S	08:04 282
2024 Sep 21 (Sat)	20:49 69	02:32 90N	09:06 288
2024 Sep 22 (Sun)	21:40 64	03:27 85N	10:10 294
2024 Sep 23 (Mon)	22:35 61	04:25 80N	11:13 298
2024 Sep 24 (Tue)	23:33 60	05:25 78N	12:16 300
2024 Sep 25 (Wed)		06:24 78N	13:14 300
2024 Sep 26 (Thu)	00:31 61	07:20 79N	14:07 298
2024 Sep 27 (Fri)	01:28 64	08:13 82N	14:54 295
2024 Sep 28 (Sat)	02:23 67	09:01 86N	15:36 290
2024 Sep 29 (Sun)	03:15 72	09:46 91N	16:13 285
2024 Sep 30 (Mon)	04:04 78	10:27 85S	16:48 279
2024 Oct 01 (Tue)	04:50 83	11:07 80S	17:20 274
2024 Oct 02 (Wed)	05:36 90	11:46 74S	17:52 267
2024 Oct 03 (Thu)	06:21 96	12:25 68S	18:25 262
2024 Oct 04 (Fri)	07:08 101	13:05 62S	18:58 256
2024 Oct 05 (Sat)	07:56 107	13:46 57S	19:35 251
2024 Oct 06 (Sun)	08:46 112	14:31 53S	20:15 246
2024 Oct 07 (Mon)	09:38 116	15:20 49S	20:59 243
2024 Oct 08 (Tue)	10:33 119	16:12 47S	21:49 241
2024 Oct 09 (Wed)	11:30 120	17:06 46S	22:43 240
2024 Oct 10 (Thu)	12:25 120	18:03 46S	23:41 241
2024 Oct 11 (Fri)	13:19 117	18:59 49S	
2024 Oct 12 (Sat)	14:09 113	19:55 53S	00:42 244
2024 Oct 13 (Sun)	14:56 108	20:48 59S	01:43 249
2024 Oct 14 (Mon)	15:41 102	21:40 65S	02:43 255
2024 Oct 15 (Tue)	16:23 94	22:30 73S	03:43 262
2024 Oct 16 (Wed)	17:05 86	23:22 80S	04:42 270
2024 Oct 17 (Thu)	17:49 79		05:43 278
2024 Oct 18 (Fri)	18:36 72	00:15 88S	06:45 285
2024 Oct 19 (Sat)	19:27 66	01:10 87N	07:49 291
2024 Oct 20 (Sun)	20:22 62	02:09 82N	08:55 296
2024 Oct 21 (Mon)	21:21 60	03:10 79N	10:01 299
2024 Oct 22 (Tue)	22:21 60	04:12 78N	11:03 300
2024 Oct 23 (Wed)	23:21 62	05:11 78N	12:00 299
2024 Oct 24 (Thu)		06:07 81N	12:50 296
2024 Oct 25 (Fri)	00:17 66	06:58 84N	13:35 292
2024 Oct 26 (Sat)	01:10 71	07:44 89N	14:14 287
2024 Oct 27 (Sun)	02:00 76	08:26 87S	14:49 281
2024 Oct 28 (Mon)	02:48 82	09:07 82S	15:22 275
2024 Oct 29 (Tue)	03:33 88	09:46 76S	15:54 269
2024 Oct 30 (Wed)	04:19 94	10:24 70S	16:26 263
2024 Oct 31 (Thu)	05:05 100	11:04 64S	17:00 258
2024 Nov 01 (Fri)	05:52 105	11:45 59S	17:35 252
2024 Nov 02 (Sat)	06:42 110	12:29 54S	18:14 248
2024 Nov 03 (Sun)	07:34 115	13:17 50S	18:57 244
2024 Nov 04 (Mon)	08:29 118	14:08 47S	19:46 241
2024 Nov 05 (Tue)	09:25 120	15:02 46S	20:38 240
2024 Nov 06 (Wed)	10:21 120	15:58 46S	21:35 241

2024 Nov 07 (Thu)	11:14 118	16:53 48S	22:34 243
2024 Nov 08 (Fri)	12:04 115	17:47 51S	23:33 247
2024 Nov 09 (Sat)	12:51 110	18:40 56S	
2024 Nov 10 (Sun)	13:34 104	19:30 62S	00:32 252
2024 Nov 11 (Mon)	14:16 97	20:19 69S	01:29 259
2024 Nov 12 (Tue)	14:56 90	21:08 77S	02:26 266
2024 Nov 13 (Wed)	15:38 83	21:58 84S	03:24 274
2024 Nov 14 (Thu)	16:22 75	22:52 91N	04:24 281
2024 Nov 15 (Fri)	17:10 69	23:49 85N	05:26 288
2024 Nov 16 (Sat)	18:04 64		06:31 294
2024 Nov 17 (Sun)	19:02 61	00:50 80N	07:38 298
2024 Nov 18 (Mon)	20:04 60	01:53 78N	08:44 300
2024 Nov 19 (Tue)	21:06 62	02:55 78N	09:46 299
2024 Nov 20 (Wed)	22:06 65	03:55 80N	10:41 297
2024 Nov 21 (Thu)	23:02 69	04:49 83N	11:29 293
2024 Nov 22 (Fri)	23:54 74	05:38 87N	12:11 289
2024 Nov 23 (Sat)		06:23 89S	12:48 283
2024 Nov 24 (Sun)	00:43 80	07:04 84S	13:22 277
2024 Nov 25 (Mon)	01:29 85	07:44 78S	13:55 271
2024 Nov 26 (Tue)	02:15 92	08:22 72S	14:27 266
2024 Nov 27 (Wed)	03:00 98	09:02 66S	15:00 260
2024 Nov 28 (Thu)	03:47 103	09:42 61S	15:34 254
2024 Nov 29 (Fri)	04:36 109	10:25 56S	16:12 249
2024 Nov 30 (Sat)	05:28 113	11:12 51S	16:54 245
2024 Dec 01 (Sun)	06:22 117	12:03 48S	17:41 242
2024 Dec 02 (Mon)	07:19 119	12:56 46S	18:34 240
2024 Dec 03 (Tue)	08:15 120	13:53 46S	19:30 241
2024 Dec 04 (Wed)	09:10 119	14:49 47S	20:29 242
2024 Dec 05 (Thu)	10:02 116	15:44 50S	21:28 246
2024 Dec 06 (Fri)	10:49 112	16:36 55S	22:26 251
2024 Dec 07 (Sat)	11:33 106	17:26 61S	23:23 257
2024 Dec 08 (Sun)	12:14 100	18:14 67S	
2024 Dec 09 (Mon)	12:53 93	19:02 74S	00:19 264
2024 Dec 10 (Tue)	13:33 85	19:50 81S	01:14 271
2024 Dec 11 (Wed)	14:14 78	20:40 88S	02:10 278
2024 Dec 12 (Thu)	14:59 72	21:33 87N	03:09 285
2024 Dec 13 (Fri)	15:48 66	22:31 82N	04:11 291
2024 Dec 14 (Sat)	16:44 62	23:32 79N	05:16 296
2024 Dec 15 (Sun)	17:44 61		06:23 299
2024 Dec 16 (Mon)	18:47 61	00:35 78N	07:27 300
2024 Dec 17 (Tue)	19:49 63	01:37 79N	08:26 298
2024 Dec 18 (Wed)	20:48 67	02:35 81N	09:18 295
2024 Dec 19 (Thu)	21:43 72	03:28 85N	10:04 291
2024 Dec 20 (Fri)	22:34 77	04:15 90N	10:44 285
2024 Dec 21 (Sat)	23:23 83	04:59 86S	11:20 280
2024 Dec 22 (Sun)		05:40 80S	11:53 274
2024 Dec 23 (Mon)	00:09 89	06:19 74S	12:26 268
2024 Dec 24 (Tue)	00:54 95	06:58 68S	12:58 262
2024 Dec 25 (Wed)	01:41 101	07:38 62S	13:32 256
2024 Dec 26 (Thu)	02:29 107	08:20 57S	14:08 251
2024 Dec 27 (Fri)	03:19 112	09:05 53S	14:49 246
2024 Dec 28 (Sat)	04:12 116	09:54 49S	15:34 243
2024 Dec 29 (Sun)	05:08 118	10:47 47S	16:25 241
2024 Dec 30 (Mon)	06:06 120	11:43 46S	17:20 240
2024 Dec 31 (Tue)	07:02 119	12:41 47S	18:20 242