

Sun

NakhonNayok

Location: E101°13'08.3", N14°12'14.4", 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)	05:49	06:39	114	12:18	53S	17:57	246	18:47
2024	Jan	02 (Tue)	05:50	06:40	114	12:19	54S	17:58	247	18:48
2024	Jan	03 (Wed)	05:50	06:40	113	12:19	54S	17:59	247	18:48
2024	Jan	04 (Thu)	05:51	06:40	113	12:20	54S	17:59	247	18:49
2024	Jan	05 (Fri)	05:51	06:41	113	12:20	54S	18:00	247	18:49
2024	Jan	06 (Sat)	05:51	06:41	113	12:21	54S	18:00	247	18:50
2024	Jan	07 (Sun)	05:52	06:41	113	12:21	54S	18:01	247	18:51
2024	Jan	08 (Mon)	05:52	06:42	113	12:21	54S	18:02	247	18:51
2024	Jan	09 (Tue)	05:52	06:42	113	12:22	54S	18:02	247	18:52
2024	Jan	10 (Wed)	05:53	06:42	113	12:22	54S	18:03	247	18:52
2024	Jan	11 (Thu)	05:53	06:42	112	12:23	55S	18:03	248	18:53
2024	Jan	12 (Fri)	05:53	06:43	112	12:23	55S	18:04	248	18:53
2024	Jan	13 (Sat)	05:53	06:43	112	12:24	55S	18:04	248	18:54
2024	Jan	14 (Sun)	05:54	06:43	112	12:24	55S	18:05	248	18:54
2024	Jan	15 (Mon)	05:54	06:43	112	12:24	55S	18:06	248	18:55
2024	Jan	16 (Tue)	05:54	06:43	112	12:25	55S	18:06	249	18:55
2024	Jan	17 (Wed)	05:54	06:43	111	12:25	56S	18:07	249	18:56
2024	Jan	18 (Thu)	05:54	06:43	111	12:25	56S	18:07	249	18:56
2024	Jan	19 (Fri)	05:55	06:44	111	12:26	56S	18:08	249	18:57
2024	Jan	20 (Sat)	05:55	06:44	111	12:26	56S	18:08	249	18:57
2024	Jan	21 (Sun)	05:55	06:44	111	12:26	56S	18:09	250	18:58
2024	Jan	22 (Mon)	05:55	06:44	110	12:26	57S	18:09	250	18:58
2024	Jan	23 (Tue)	05:55	06:44	110	12:27	57S	18:10	250	18:59
2024	Jan	24 (Wed)	05:55	06:44	110	12:27	57S	18:10	250	18:59
2024	Jan	25 (Thu)	05:55	06:44	110	12:27	57S	18:11	251	18:59
2024	Jan	26 (Fri)	05:55	06:44	109	12:27	58S	18:11	251	19:00
2024	Jan	27 (Sat)	05:55	06:44	109	12:28	58S	18:12	251	19:00
2024	Jan	28 (Sun)	05:55	06:44	109	12:28	58S	18:12	251	19:01
2024	Jan	29 (Mon)	05:55	06:43	108	12:28	58S	18:13	252	19:01
2024	Jan	30 (Tue)	05:55	06:43	108	12:28	59S	18:13	252	19:01
2024	Jan	31 (Wed)	05:55	06:43	108	12:28	59S	18:14	252	19:02
2024	Feb	01 (Thu)	05:55	06:43	108	12:29	59S	18:14	252	19:02
2024	Feb	02 (Fri)	05:55	06:43	107	12:29	60S	18:15	253	19:03
2024	Feb	03 (Sat)	05:55	06:43	107	12:29	60S	18:15	253	19:03
2024	Feb	04 (Sun)	05:55	06:42	107	12:29	60S	18:16	253	19:03
2024	Feb	05 (Mon)	05:55	06:42	106	12:29	60S	18:16	254	19:04
2024	Feb	06 (Tue)	05:54	06:42	106	12:29	61S	18:16	254	19:04
2024	Feb	07 (Wed)	05:54	06:42	106	12:29	61S	18:17	254	19:04
2024	Feb	08 (Thu)	05:54	06:41	105	12:29	61S	18:17	255	19:05
2024	Feb	09 (Fri)	05:54	06:41	105	12:29	62S	18:18	255	19:05
2024	Feb	10 (Sat)	05:53	06:41	105	12:29	62S	18:18	255	19:05
2024	Feb	11 (Sun)	05:53	06:41	105	12:29	62S	18:18	256	19:06
2024	Feb	12 (Mon)	05:53	06:40	104	12:29	63S	18:19	256	19:06
2024	Feb	13 (Tue)	05:53	06:40	104	12:29	63S	18:19	256	19:06
2024	Feb	14 (Wed)	05:52	06:39	103	12:29	63S	18:19	257	19:06
2024	Feb	15 (Thu)	05:52	06:39	103	12:29	64S	18:20	257	19:07
2024	Feb	16 (Fri)	05:52	06:39	103	12:29	64S	18:20	257	19:07
2024	Feb	17 (Sat)	05:51	06:38	102	12:29	64S	18:20	258	19:07
2024	Feb	18 (Sun)	05:51	06:38	102	12:29	65S	18:21	258	19:07
2024	Feb	19 (Mon)	05:51	06:37	102	12:29	65S	18:21	258	19:08
2024	Feb	20 (Tue)	05:50	06:37	101	12:29	65S	18:21	259	19:08
2024	Feb	21 (Wed)	05:50	06:36	101	12:29	66S	18:21	259	19:08
2024	Feb	22 (Thu)	05:49	06:36	101	12:29	66S	18:22	260	19:08
2024	Feb	23 (Fri)	05:49	06:35	100	12:29	66S	18:22	260	19:08
2024	Feb	24 (Sat)	05:48	06:35	100	12:28	67S	18:22	260	19:09
2024	Feb	25 (Sun)	05:48	06:34	99	12:28	67S	18:22	261	19:09
2024	Feb	26 (Mon)	05:47	06:34	99	12:28	68S	18:23	261	19:09
2024	Feb	27 (Tue)	05:47	06:33	99	12:28	68S	18:23	262	19:09
2024	Feb	28 (Wed)	05:46	06:33	98	12:28	68S	18:23	262	19:09
2024	Feb	29 (Thu)	05:46	06:32	98	12:28	69S	18:23	262	19:10

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

2024	May	12	(Sun)	05:00	05:49	71	12:11	87N	18:34	289	19:24
2024	May	13	(Mon)	04:59	05:49	71	12:11	86N	18:35	289	19:24
2024	May	14	(Tue)	04:59	05:48	70	12:11	86N	18:35	290	19:24
2024	May	15	(Wed)	04:58	05:48	70	12:11	86N	18:35	290	19:25
2024	May	16	(Thu)	04:58	05:48	70	12:12	86N	18:35	290	19:25
2024	May	17	(Fri)	04:58	05:47	70	12:12	85N	18:36	290	19:26
2024	May	18	(Sat)	04:57	05:47	70	12:12	85N	18:36	291	19:26
2024	May	19	(Sun)	04:57	05:47	69	12:12	85N	18:36	291	19:26
2024	May	20	(Mon)	04:57	05:47	69	12:12	85N	18:37	291	19:27
2024	May	21	(Tue)	04:57	05:47	69	12:12	85N	18:37	291	19:27
2024	May	22	(Wed)	04:56	05:47	69	12:12	84N	18:37	291	19:27
2024	May	23	(Thu)	04:56	05:46	68	12:12	84N	18:38	292	19:28
2024	May	24	(Fri)	04:56	05:46	68	12:12	84N	18:38	292	19:28
2024	May	25	(Sat)	04:56	05:46	68	12:12	84N	18:38	292	19:29
2024	May	26	(Sun)	04:56	05:46	68	12:12	84N	18:39	292	19:29
2024	May	27	(Mon)	04:55	05:46	68	12:12	84N	18:39	292	19:29
2024	May	28	(Tue)	04:55	05:46	68	12:12	83N	18:39	293	19:30
2024	May	29	(Wed)	04:55	05:46	67	12:13	83N	18:39	293	19:30
2024	May	30	(Thu)	04:55	05:46	67	12:13	83N	18:40	293	19:31
2024	May	31	(Fri)	04:55	05:46	67	12:13	83N	18:40	293	19:31
2024	Jun	01	(Sat)	04:55	05:46	67	12:13	83N	18:40	293	19:31
2024	Jun	02	(Sun)	04:55	05:46	67	12:13	83N	18:41	293	19:32
2024	Jun	03	(Mon)	04:55	05:46	67	12:13	83N	18:41	293	19:32
2024	Jun	04	(Tue)	04:55	05:46	67	12:14	82N	18:41	294	19:32
2024	Jun	05	(Wed)	04:55	05:46	66	12:14	82N	18:42	294	19:33
2024	Jun	06	(Thu)	04:55	05:46	66	12:14	82N	18:42	294	19:33
2024	Jun	07	(Fri)	04:55	05:46	66	12:14	82N	18:42	294	19:33
2024	Jun	08	(Sat)	04:55	05:46	66	12:14	82N	18:43	294	19:34
2024	Jun	09	(Sun)	04:55	05:46	66	12:14	82N	18:43	294	19:34
2024	Jun	10	(Mon)	04:55	05:46	66	12:15	82N	18:43	294	19:34
2024	Jun	11	(Tue)	04:55	05:46	66	12:15	82N	18:43	294	19:35
2024	Jun	12	(Wed)	04:55	05:46	66	12:15	82N	18:44	294	19:35
2024	Jun	13	(Thu)	04:55	05:47	66	12:15	82N	18:44	294	19:35
2024	Jun	14	(Fri)	04:55	05:47	66	12:15	82N	18:44	294	19:36
2024	Jun	15	(Sat)	04:56	05:47	66	12:16	82N	18:45	294	19:36
2024	Jun	16	(Sun)	04:56	05:47	66	12:16	82N	18:45	294	19:36
2024	Jun	17	(Mon)	04:56	05:47	66	12:16	82N	18:45	294	19:36
2024	Jun	18	(Tue)	04:56	05:47	66	12:16	81N	18:45	294	19:37
2024	Jun	19	(Wed)	04:56	05:48	66	12:17	81N	18:46	294	19:37
2024	Jun	20	(Thu)	04:56	05:48	66	12:17	81N	18:46	294	19:37
2024	Jun	21	(Fri)	04:57	05:48	66	12:17	81N	18:46	294	19:37
2024	Jun	22	(Sat)	04:57	05:48	66	12:17	81N	18:46	294	19:38
2024	Jun	23	(Sun)	04:57	05:48	66	12:17	81N	18:46	294	19:38
2024	Jun	24	(Mon)	04:57	05:49	66	12:18	82N	18:47	294	19:38
2024	Jun	25	(Tue)	04:58	05:49	66	12:18	82N	18:47	294	19:38
2024	Jun	26	(Wed)	04:58	05:49	66	12:18	82N	18:47	294	19:38
2024	Jun	27	(Thu)	04:58	05:49	66	12:18	82N	18:47	294	19:38
2024	Jun	28	(Fri)	04:58	05:50	66	12:18	82N	18:47	294	19:39
2024	Jun	29	(Sat)	04:59	05:50	66	12:19	82N	18:47	294	19:39
2024	Jun	30	(Sun)	04:59	05:50	66	12:19	82N	18:47	294	19:39
2024	Jul	01	(Mon)	04:59	05:51	66	12:19	82N	18:48	294	19:39
2024	Jul	02	(Tue)	05:00	05:51	66	12:19	82N	18:48	294	19:39
2024	Jul	03	(Wed)	05:00	05:51	66	12:19	82N	18:48	294	19:39
2024	Jul	04	(Thu)	05:00	05:51	66	12:20	82N	18:48	294	19:39
2024	Jul	05	(Fri)	05:01	05:52	66	12:20	82N	18:48	294	19:39
2024	Jul	06	(Sat)	05:01	05:52	66	12:20	82N	18:48	294	19:39
2024	Jul	07	(Sun)	05:01	05:52	66	12:20	82N	18:48	293	19:39
2024	Jul	08	(Mon)	05:02	05:53	67	12:20	82N	18:48	293	19:39
2024	Jul	09	(Tue)	05:02	05:53	67	12:20	83N	18:48	293	19:39
2024	Jul	10	(Wed)	05:02	05:53	67	12:21	83N	18:48	293	19:39
2024	Jul	11	(Thu)	05:03	05:53	67	12:21	83N	18:48	293	19:39
2024	Jul	12	(Fri)	05:03	05:54	67	12:21	83N	18:48	293	19:39
2024	Jul	13	(Sat)	05:03	05:54	67	12:21	83N	18:48	293	19:38
2024	Jul	14	(Sun)	05:04	05:54	67	12:21	83N	18:48	293	19:38
2024	Jul	15	(Mon)	05:04	05:55	68	12:21	83N	18:48	292	19:38
2024	Jul	16	(Tue)	05:04	05:55	68	12:21	84N	18:48	292	19:38
2024	Jul	17	(Wed)	05:05	05:55	68	12:21	84N	18:47	292	19:38
2024	Jul	18	(Thu)	05:05	05:55	68	12:21	84N	18:47	292	19:38
2024	Jul	19	(Fri)	05:05	05:56	68	12:21	84N	18:47	292	19:37
2024	Jul	20	(Sat)	05:06	05:56	68	12:22	84N	18:47	291	19:37
2024	Jul	21	(Sun)	05:06	05:56	69	12:22	85N	18:47	291	19:37
2024	Jul	22	(Mon)	05:07	05:57	69	12:22	85N	18:47	291	19:37

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

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

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

Sun

NakhonNayok

Location: E101°13'08.3", N14°12'14.4", 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)	06:16	06:39	114	12:18	53S	17:57	246	18:21
2024	Jan	02	(Tue)	06:16	06:40	114	12:19	54S	17:58	247	18:21
2024	Jan	03	(Wed)	06:17	06:40	113	12:19	54S	17:59	247	18:22
2024	Jan	04	(Thu)	06:17	06:40	113	12:20	54S	17:59	247	18:22
2024	Jan	05	(Fri)	06:18	06:41	113	12:20	54S	18:00	247	18:23
2024	Jan	06	(Sat)	06:18	06:41	113	12:21	54S	18:00	247	18:23
2024	Jan	07	(Sun)	06:18	06:41	113	12:21	54S	18:01	247	18:24
2024	Jan	08	(Mon)	06:19	06:42	113	12:21	54S	18:02	247	18:25
2024	Jan	09	(Tue)	06:19	06:42	113	12:22	54S	18:02	247	18:25
2024	Jan	10	(Wed)	06:19	06:42	113	12:22	54S	18:03	247	18:26
2024	Jan	11	(Thu)	06:19	06:42	112	12:23	55S	18:03	248	18:26
2024	Jan	12	(Fri)	06:20	06:43	112	12:23	55S	18:04	248	18:27
2024	Jan	13	(Sat)	06:20	06:43	112	12:24	55S	18:04	248	18:27
2024	Jan	14	(Sun)	06:20	06:43	112	12:24	55S	18:05	248	18:28
2024	Jan	15	(Mon)	06:20	06:43	112	12:24	55S	18:06	248	18:28
2024	Jan	16	(Tue)	06:20	06:43	112	12:25	55S	18:06	249	18:29
2024	Jan	17	(Wed)	06:21	06:43	111	12:25	56S	18:07	249	18:29
2024	Jan	18	(Thu)	06:21	06:43	111	12:25	56S	18:07	249	18:30
2024	Jan	19	(Fri)	06:21	06:44	111	12:26	56S	18:08	249	18:30
2024	Jan	20	(Sat)	06:21	06:44	111	12:26	56S	18:08	249	18:31
2024	Jan	21	(Sun)	06:21	06:44	111	12:26	56S	18:09	250	18:31
2024	Jan	22	(Mon)	06:21	06:44	110	12:26	57S	18:09	250	18:32
2024	Jan	23	(Tue)	06:21	06:44	110	12:27	57S	18:10	250	18:32
2024	Jan	24	(Wed)	06:21	06:44	110	12:27	57S	18:10	250	18:33
2024	Jan	25	(Thu)	06:21	06:44	110	12:27	57S	18:11	251	18:33
2024	Jan	26	(Fri)	06:21	06:44	109	12:27	58S	18:11	251	18:34
2024	Jan	27	(Sat)	06:21	06:44	109	12:28	58S	18:12	251	18:34
2024	Jan	28	(Sun)	06:21	06:44	109	12:28	58S	18:12	251	18:35
2024	Jan	29	(Mon)	06:21	06:43	108	12:28	58S	18:13	252	18:35
2024	Jan	30	(Tue)	06:21	06:43	108	12:28	59S	18:13	252	18:36
2024	Jan	31	(Wed)	06:21	06:43	108	12:28	59S	18:14	252	18:36
2024	Feb	01	(Thu)	06:21	06:43	108	12:29	59S	18:14	252	18:37
2024	Feb	02	(Fri)	06:21	06:43	107	12:29	60S	18:15	253	18:37
2024	Feb	03	(Sat)	06:20	06:43	107	12:29	60S	18:15	253	18:37
2024	Feb	04	(Sun)	06:20	06:42	107	12:29	60S	18:16	253	18:38
2024	Feb	05	(Mon)	06:20	06:42	106	12:29	60S	18:16	254	18:38
2024	Feb	06	(Tue)	06:20	06:42	106	12:29	61S	18:16	254	18:38
2024	Feb	07	(Wed)	06:20	06:42	106	12:29	61S	18:17	254	18:39
2024	Feb	08	(Thu)	06:19	06:41	105	12:29	61S	18:17	255	18:39
2024	Feb	09	(Fri)	06:19	06:41	105	12:29	62S	18:18	255	18:40
2024	Feb	10	(Sat)	06:19	06:41	105	12:29	62S	18:18	255	18:40

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

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

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

2024	Sep	14	(Sat)	05:43	06:04	86	12:11	80S	18:17	273	18:38
2024	Sep	15	(Sun)	05:43	06:04	87	12:10	79S	18:16	273	18:38
2024	Sep	16	(Mon)	05:43	06:04	87	12:10	79S	18:16	273	18:37
2024	Sep	17	(Tue)	05:43	06:04	88	12:10	79S	18:15	272	18:36
2024	Sep	18	(Wed)	05:43	06:04	88	12:09	78S	18:14	272	18:35
2024	Sep	19	(Thu)	05:43	06:04	88	12:09	78S	18:13	271	18:35
2024	Sep	20	(Fri)	05:43	06:04	89	12:08	77S	18:13	271	18:34
2024	Sep	21	(Sat)	05:43	06:04	89	12:08	77S	18:12	271	18:33
2024	Sep	22	(Sun)	05:43	06:04	90	12:08	77S	18:11	270	18:32
2024	Sep	23	(Mon)	05:43	06:04	90	12:07	76S	18:10	270	18:32
2024	Sep	24	(Tue)	05:43	06:04	90	12:07	76S	18:10	269	18:31
2024	Sep	25	(Wed)	05:43	06:04	91	12:07	75S	18:09	269	18:30
2024	Sep	26	(Thu)	05:43	06:04	91	12:06	75S	18:08	269	18:29
2024	Sep	27	(Fri)	05:43	06:04	92	12:06	75S	18:07	268	18:29
2024	Sep	28	(Sat)	05:43	06:04	92	12:06	74S	18:07	268	18:28
2024	Sep	29	(Sun)	05:43	06:05	92	12:05	74S	18:06	267	18:27
2024	Sep	30	(Mon)	05:43	06:05	93	12:05	74S	18:05	267	18:27
2024	Oct	01	(Tue)	05:43	06:05	93	12:05	73S	18:05	267	18:26
2024	Oct	02	(Wed)	05:43	06:05	94	12:04	73S	18:04	266	18:25
2024	Oct	03	(Thu)	05:43	06:05	94	12:04	72S	18:03	266	18:24
2024	Oct	04	(Fri)	05:44	06:05	94	12:04	72S	18:02	265	18:24
2024	Oct	05	(Sat)	05:44	06:05	95	12:03	72S	18:02	265	18:23
2024	Oct	06	(Sun)	05:44	06:05	95	12:03	71S	18:01	265	18:22
2024	Oct	07	(Mon)	05:44	06:05	96	12:03	71S	18:00	264	18:22
2024	Oct	08	(Tue)	05:44	06:05	96	12:03	70S	18:00	264	18:21
2024	Oct	09	(Wed)	05:44	06:05	96	12:02	70S	17:59	263	18:20
2024	Oct	10	(Thu)	05:44	06:06	97	12:02	70S	17:58	263	18:20
2024	Oct	11	(Fri)	05:44	06:06	97	12:02	69S	17:58	263	18:19
2024	Oct	12	(Sat)	05:44	06:06	98	12:02	69S	17:57	262	18:19
2024	Oct	13	(Sun)	05:44	06:06	98	12:01	69S	17:57	262	18:18
2024	Oct	14	(Mon)	05:45	06:06	98	12:01	68S	17:56	262	18:17
2024	Oct	15	(Tue)	05:45	06:06	99	12:01	68S	17:55	261	18:17
2024	Oct	16	(Wed)	05:45	06:06	99	12:01	67S	17:55	261	18:16
2024	Oct	17	(Thu)	05:45	06:07	99	12:00	67S	17:54	260	18:16
2024	Oct	18	(Fri)	05:45	06:07	100	12:00	67S	17:54	260	18:15
2024	Oct	19	(Sat)	05:45	06:07	100	12:00	66S	17:53	260	18:15
2024	Oct	20	(Sun)	05:45	06:07	101	12:00	66S	17:52	259	18:14
2024	Oct	21	(Mon)	05:46	06:07	101	12:00	66S	17:52	259	18:14
2024	Oct	22	(Tue)	05:46	06:08	101	12:00	65S	17:51	259	18:13
2024	Oct	23	(Wed)	05:46	06:08	102	11:59	65S	17:51	258	18:13
2024	Oct	24	(Thu)	05:46	06:08	102	11:59	65S	17:50	258	18:12
2024	Oct	25	(Fri)	05:46	06:08	102	11:59	64S	17:50	257	18:12
2024	Oct	26	(Sat)	05:47	06:08	103	11:59	64S	17:49	257	18:11
2024	Oct	27	(Sun)	05:47	06:09	103	11:59	64S	17:49	257	18:11
2024	Oct	28	(Mon)	05:47	06:09	103	11:59	63S	17:49	256	18:10
2024	Oct	29	(Tue)	05:47	06:09	104	11:59	63S	17:48	256	18:10
2024	Oct	30	(Wed)	05:48	06:10	104	11:59	63S	17:48	256	18:10
2024	Oct	31	(Thu)	05:48	06:10	104	11:59	62S	17:47	255	18:09
2024	Nov	01	(Fri)	05:48	06:10	105	11:59	62S	17:47	255	18:09
2024	Nov	02	(Sat)	05:48	06:10	105	11:59	62S	17:47	255	18:09
2024	Nov	03	(Sun)	05:49	06:11	105	11:59	61S	17:46	254	18:08
2024	Nov	04	(Mon)	05:49	06:11	106	11:59	61S	17:46	254	18:08
2024	Nov	05	(Tue)	05:49	06:12	106	11:59	61S	17:46	254	18:08
2024	Nov	06	(Wed)	05:50	06:12	106	11:59	60S	17:45	253	18:08
2024	Nov	07	(Thu)	05:50	06:12	107	11:59	60S	17:45	253	18:07
2024	Nov	08	(Fri)	05:50	06:13	107	11:59	60S	17:45	253	18:07
2024	Nov	09	(Sat)	05:51	06:13	107	11:59	60S	17:45	253	18:07
2024	Nov	10	(Sun)	05:51	06:13	108	11:59	59S	17:45	252	18:07
2024	Nov	11	(Mon)	05:52	06:14	108	11:59	59S	17:44	252	18:07
2024	Nov	12	(Tue)	05:52	06:14	108	11:59	59S	17:44	252	18:07
2024	Nov	13	(Wed)	05:52	06:15	108	11:59	58S	17:44	251	18:06
2024	Nov	14	(Thu)	05:53	06:15	109	12:00	58S	17:44	251	18:06
2024	Nov	15	(Fri)	05:53	06:16	109	12:00	58S	17:44	251	18:06
2024	Nov	16	(Sat)	05:54	06:16	109	12:00	58S	17:44	251	18:06
2024	Nov	17	(Sun)	05:54	06:16	109	12:00	57S	17:44	250	18:06
2024	Nov	18	(Mon)	05:54	06:17	110	12:00	57S	17:44	250	18:06
2024	Nov	19	(Tue)	05:55	06:17	110	12:01	57S	17:44	250	18:06
2024	Nov	20	(Wed)	05:55	06:18	110	12:01	57S	17:44	250	18:06
2024	Nov	21	(Thu)	05:56	06:18	110	12:01	56S	17:44	249	18:06
2024	Nov	22	(Fri)	05:56	06:19	111	12:01	56S	17:44	249	18:06
2024	Nov	23	(Sat)	05:57	06:19	111	12:02	56S	17:44	249	18:06
2024	Nov	24	(Sun)	05:57	06:20	111	12:02	56S	17:44	249	18:06

2024	Nov	25	(Mon)	05:58	06:20	111	12:02	56S	17:44	249	18:07
2024	Nov	26	(Tue)	05:58	06:21	111	12:02	55S	17:44	248	18:07
2024	Nov	27	(Wed)	05:59	06:22	112	12:03	55S	17:44	248	18:07
2024	Nov	28	(Thu)	05:59	06:22	112	12:03	55S	17:44	248	18:07
2024	Nov	29	(Fri)	06:00	06:23	112	12:03	55S	17:44	248	18:07
2024	Nov	30	(Sat)	06:00	06:23	112	12:04	55S	17:44	248	18:07
2024	Dec	01	(Sun)	06:01	06:24	112	12:04	55S	17:45	248	18:08
2024	Dec	02	(Mon)	06:01	06:24	112	12:05	54S	17:45	247	18:08
2024	Dec	03	(Tue)	06:02	06:25	113	12:05	54S	17:45	247	18:08
2024	Dec	04	(Wed)	06:02	06:25	113	12:05	54S	17:45	247	18:08
2024	Dec	05	(Thu)	06:03	06:26	113	12:06	54S	17:46	247	18:09
2024	Dec	06	(Fri)	06:03	06:26	113	12:06	54S	17:46	247	18:09
2024	Dec	07	(Sat)	06:04	06:27	113	12:07	54S	17:46	247	18:09
2024	Dec	08	(Sun)	06:05	06:28	113	12:07	54S	17:47	247	18:10
2024	Dec	09	(Mon)	06:05	06:28	113	12:08	54S	17:47	247	18:10
2024	Dec	10	(Tue)	06:06	06:29	113	12:08	54S	17:47	246	18:10
2024	Dec	11	(Wed)	06:06	06:29	114	12:08	53S	17:48	246	18:11
2024	Dec	12	(Thu)	06:07	06:30	114	12:09	53S	17:48	246	18:11
2024	Dec	13	(Fri)	06:07	06:30	114	12:09	53S	17:48	246	18:12
2024	Dec	14	(Sat)	06:08	06:31	114	12:10	53S	17:49	246	18:12
2024	Dec	15	(Sun)	06:08	06:31	114	12:10	53S	17:49	246	18:12
2024	Dec	16	(Mon)	06:09	06:32	114	12:11	53S	17:50	246	18:13
2024	Dec	17	(Tue)	06:09	06:33	114	12:11	53S	17:50	246	18:13
2024	Dec	18	(Wed)	06:10	06:33	114	12:12	53S	17:51	246	18:14
2024	Dec	19	(Thu)	06:10	06:34	114	12:12	53S	17:51	246	18:14
2024	Dec	20	(Fri)	06:11	06:34	114	12:13	53S	17:51	246	18:15
2024	Dec	21	(Sat)	06:11	06:35	114	12:13	53S	17:52	246	18:15
2024	Dec	22	(Sun)	06:12	06:35	114	12:14	53S	17:52	246	18:16
2024	Dec	23	(Mon)	06:12	06:36	114	12:14	53S	17:53	246	18:16
2024	Dec	24	(Tue)	06:13	06:36	114	12:15	53S	17:54	246	18:17
2024	Dec	25	(Wed)	06:13	06:37	114	12:15	53S	17:54	246	18:17
2024	Dec	26	(Thu)	06:14	06:37	114	12:16	53S	17:55	246	18:18
2024	Dec	27	(Fri)	06:14	06:37	114	12:16	53S	17:55	246	18:18
2024	Dec	28	(Sat)	06:15	06:38	114	12:17	53S	17:56	246	18:19
2024	Dec	29	(Sun)	06:15	06:38	114	12:17	53S	17:56	246	18:19
2024	Dec	30	(Mon)	06:16	06:39	114	12:18	53S	17:57	246	18:20
2024	Dec	31	(Tue)	06:16	06:39	114	12:18	53S	17:57	246	18:20

Moon

NakhonNayok

Location: E101°13'08.3", N14°12'14.4", 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)	22:27	80		04:06	90S		10:29	282	
2024 Jan 02 (Tue)	23:13	86		04:47	84S		11:03	277	
2024 Jan 03 (Wed)	23:58	92		05:26	79S		11:36	271	
2024 Jan 04 (Thu)				06:05	73S		12:09	265	
2024 Jan 05 (Fri)	00:44	98		06:45	67S		12:44	259	
2024 Jan 06 (Sat)	01:32	104		07:28	61S		13:22	253	
2024 Jan 07 (Sun)	02:24	109		08:15	56S		14:04	248	
2024 Jan 08 (Mon)	03:19	114		09:06	52S		14:52	244	
2024 Jan 09 (Tue)	04:20	117		10:04	49S		15:47	242	
2024 Jan 10 (Wed)	05:23	119		11:05	48S		16:48	241	
2024 Jan 11 (Thu)	06:26	119		12:09	48S		17:53	242	
2024 Jan 12 (Fri)	07:26	116		13:12	51S		19:00	246	
2024 Jan 13 (Sat)	08:21	112		14:11	56S		20:05	251	
2024 Jan 14 (Sun)	09:10	106		15:07	62S		21:06	257	
2024 Jan 15 (Mon)	09:56	99		15:58	69S		22:04	264	
2024 Jan 16 (Tue)	10:38	92		16:47	76S		23:00	272	
2024 Jan 17 (Wed)	11:18	85		17:35	83S		23:55	279	
2024 Jan 18 (Thu)	11:59	78		18:23	90S				
2024 Jan 19 (Fri)	12:41	72		19:12	86N		00:50	285	
2024 Jan 20 (Sat)	13:27	67		20:04	82N		01:46	291	
2024 Jan 21 (Sun)	14:15	63		20:57	78N		02:43	295	
2024 Jan 22 (Mon)	15:08	61		21:53	77N		03:41	298	
2024 Jan 23 (Tue)	16:02	61		22:48	77N		04:38	299	

2024	Jan	24	(Wed)	16:58	62	23:41	78N	05:33	299
2024	Jan	25	(Thu)	17:52	65			06:23	297
2024	Jan	26	(Fri)	18:45	68	00:32	81N	07:08	293
2024	Jan	27	(Sat)	19:35	73	01:19	85N	07:50	289
2024	Jan	28	(Sun)	20:22	79	02:02	90N	08:27	284
2024	Jan	29	(Mon)	21:08	84	02:44	86S	09:02	279
2024	Jan	30	(Tue)	21:53	90	03:23	80S	09:35	273
2024	Jan	31	(Wed)	22:38	96	04:02	75S	10:08	267
2024	Feb	01	(Thu)	23:24	102	04:41	69S	10:42	261
2024	Feb	02	(Fri)			05:22	63S	11:17	255
2024	Feb	03	(Sat)	00:13	107	06:06	58S	11:56	250
2024	Feb	04	(Sun)	01:06	112	06:54	53S	12:40	246
2024	Feb	05	(Mon)	02:02	116	07:47	50S	13:30	243
2024	Feb	06	(Tue)	03:03	119	08:45	48S	14:27	241
2024	Feb	07	(Wed)	04:05	119	09:47	48S	15:30	241
2024	Feb	08	(Thu)	05:06	118	10:50	50S	16:36	243
2024	Feb	09	(Fri)	06:04	114	11:52	53S	17:43	248
2024	Feb	10	(Sat)	06:57	109	12:51	59S	18:47	254
2024	Feb	11	(Sun)	07:46	102	13:45	66S	19:49	261
2024	Feb	12	(Mon)	08:30	95	14:37	73S	20:48	269
2024	Feb	13	(Tue)	09:13	88	15:27	81S	21:45	276
2024	Feb	14	(Wed)	09:55	80	16:17	88S	22:42	283
2024	Feb	15	(Thu)	10:38	74	17:07	88N	23:40	289
2024	Feb	16	(Fri)	11:24	68	17:59	83N		
2024	Feb	17	(Sat)	12:12	64	18:53	79N	00:38	294
2024	Feb	18	(Sun)	13:04	62	19:48	77N	01:36	297
2024	Feb	19	(Mon)	13:58	61	20:44	76N	02:34	299
2024	Feb	20	(Tue)	14:53	61	21:37	77N	03:29	299
2024	Feb	21	(Wed)	15:47	64	22:28	80N	04:20	298
2024	Feb	22	(Thu)	16:40	67	23:16	84N	05:07	295
2024	Feb	23	(Fri)	17:31	71			05:49	291
2024	Feb	24	(Sat)	18:18	77	00:00	88N	06:27	286
2024	Feb	25	(Sun)	19:05	82	00:42	88S	07:02	280
2024	Feb	26	(Mon)	19:50	88	01:22	82S	07:36	275
2024	Feb	27	(Tue)	20:35	94	02:01	77S	08:09	269
2024	Feb	28	(Wed)	21:20	100	02:40	71S	08:42	263
2024	Feb	29	(Thu)	22:08	106	03:20	65S	09:17	257
2024	Mar	01	(Fri)	22:58	111	04:02	60S	09:54	252
2024	Mar	02	(Sat)	23:52	115	04:48	55S	10:35	247
2024	Mar	03	(Sun)			05:38	51S	11:21	243
2024	Mar	04	(Mon)	00:49	118	06:32	48S	12:14	241
2024	Mar	05	(Tue)	01:49	119	07:30	47S	13:12	241
2024	Mar	06	(Wed)	02:49	119	08:31	48S	14:15	242
2024	Mar	07	(Thu)	03:47	117	09:32	51S	15:20	245
2024	Mar	08	(Fri)	04:41	112	10:31	56S	16:24	250
2024	Mar	09	(Sat)	05:31	106	11:28	62S	17:27	257
2024	Mar	10	(Sun)	06:18	99	12:21	69S	18:28	265
2024	Mar	11	(Mon)	07:02	91	13:13	77S	19:27	272
2024	Mar	12	(Tue)	07:46	84	14:04	84S	20:27	280
2024	Mar	13	(Wed)	08:30	77	14:56	90N	21:26	287
2024	Mar	14	(Thu)	09:16	70	15:49	84N	22:26	292
2024	Mar	15	(Fri)	10:05	66	16:45	80N	23:27	296
2024	Mar	16	(Sat)	10:57	62	17:41	77N		
2024	Mar	17	(Sun)	11:52	61	18:38	76N	00:27	299
2024	Mar	18	(Mon)	12:47	61	19:33	77N	01:24	299
2024	Mar	19	(Tue)	13:43	63	20:25	79N	02:17	298
2024	Mar	20	(Wed)	14:36	66	21:14	82N	03:05	296
2024	Mar	21	(Thu)	15:27	70	21:59	87N	03:48	292
2024	Mar	22	(Fri)	16:16	75	22:41	90S	04:28	288
2024	Mar	23	(Sat)	17:02	80	23:21	84S	05:04	282
2024	Mar	24	(Sun)	17:47	86			05:38	277
2024	Mar	25	(Mon)	18:32	92	00:00	78S	06:11	271
2024	Mar	26	(Tue)	19:18	98	00:39	73S	06:44	265
2024	Mar	27	(Wed)	20:05	104	01:19	67S	07:18	259
2024	Mar	28	(Thu)	20:55	109	02:01	61S	07:54	253
2024	Mar	29	(Fri)	21:47	114	02:45	56S	08:34	248
2024	Mar	30	(Sat)	22:43	117	03:34	52S	09:18	244
2024	Mar	31	(Sun)	23:41	119	04:26	49S	10:08	242
2024	Apr	01	(Mon)			05:22	47S	11:03	240
2024	Apr	02	(Tue)	00:39	119	06:20	48S	12:02	241
2024	Apr	03	(Wed)	01:36	118	07:19	50S	13:04	244
2024	Apr	04	(Thu)	02:30	114	08:17	53S	14:07	248

2024	Apr	05	(Fri)	03:20	109	09:13	59S	15:08	254
2024	Apr	06	(Sat)	04:07	103	10:06	65S	16:08	261
2024	Apr	07	(Sun)	04:51	96	10:57	73S	17:07	268
2024	Apr	08	(Mon)	05:34	88	11:48	80S	18:06	276
2024	Apr	09	(Tue)	06:18	80	12:40	88S	19:06	283
2024	Apr	10	(Wed)	07:03	74	13:34	87N	20:07	290
2024	Apr	11	(Thu)	07:52	68	14:29	82N	21:10	295
2024	Apr	12	(Fri)	08:44	64	15:27	78N	22:12	298
2024	Apr	13	(Sat)	09:40	61	16:26	76N	23:13	299
2024	Apr	14	(Sun)	10:37	61	17:24	76N		
2024	Apr	15	(Mon)	11:34	62	18:18	78N	00:09	299
2024	Apr	16	(Tue)	12:30	64	19:09	81N	01:01	297
2024	Apr	17	(Wed)	13:22	68	19:56	85N	01:46	294
2024	Apr	18	(Thu)	14:12	73	20:39	90N	02:27	289
2024	Apr	19	(Fri)	14:59	78	21:20	86S	03:04	284
2024	Apr	20	(Sat)	15:44	84	22:00	81S	03:39	279
2024	Apr	21	(Sun)	16:29	90	22:38	75S	04:12	273
2024	Apr	22	(Mon)	17:15	96	23:18	69S	04:45	267
2024	Apr	23	(Tue)	18:01	102	23:59	63S	05:18	261
2024	Apr	24	(Wed)	18:51	108			05:54	255
2024	Apr	25	(Thu)	19:43	112	00:43	58S	06:33	250
2024	Apr	26	(Fri)	20:38	116	01:30	53S	07:16	246
2024	Apr	27	(Sat)	21:35	119	02:22	50S	08:05	242
2024	Apr	28	(Sun)	22:34	120	03:17	48S	08:58	241
2024	Apr	29	(Mon)	23:31	119	04:15	47S	09:56	241
2024	Apr	30	(Tue)			05:13	49S	10:57	243
2024	May	01	(Wed)	00:25	116	06:10	52S	11:58	246
2024	May	02	(Thu)	01:15	111	07:05	57S	12:58	251
2024	May	03	(Fri)	02:01	105	07:57	63S	13:56	258
2024	May	04	(Sat)	02:44	99	08:47	69S	14:53	265
2024	May	05	(Sun)	03:26	91	09:36	77S	15:50	272
2024	May	06	(Mon)	04:08	84	10:26	84S	16:48	280
2024	May	07	(Tue)	04:52	77	11:18	90N	17:48	287
2024	May	08	(Wed)	05:39	71	12:12	85N	18:50	292
2024	May	09	(Thu)	06:29	65	13:10	80N	19:53	297
2024	May	10	(Fri)	07:24	62	14:09	77N	20:56	299
2024	May	11	(Sat)	08:22	61	15:09	76N	21:56	299
2024	May	12	(Sun)	09:21	61	16:07	77N	22:51	298
2024	May	13	(Mon)	10:19	63	17:01	80N	23:40	295
2024	May	14	(Tue)	11:14	67	17:50	83N		
2024	May	15	(Wed)	12:05	71	18:35	88N	00:23	291
2024	May	16	(Thu)	12:53	76	19:17	88S	01:02	286
2024	May	17	(Fri)	13:40	82	19:57	83S	01:38	281
2024	May	18	(Sat)	14:25	88	20:36	77S	02:11	275
2024	May	19	(Sun)	15:10	94	21:15	71S	02:44	269
2024	May	20	(Mon)	15:56	100	21:56	65S	03:18	263
2024	May	21	(Tue)	16:44	106	22:39	60S	03:53	257
2024	May	22	(Wed)	17:36	111	23:25	55S	04:30	252
2024	May	23	(Thu)	18:30	115			05:12	247
2024	May	24	(Fri)	19:28	118	00:16	51S	06:00	243
2024	May	25	(Sat)	20:27	119	01:11	48S	06:52	241
2024	May	26	(Sun)	21:26	119	02:09	47S	07:50	241
2024	May	27	(Mon)	22:21	117	03:08	48S	08:51	242
2024	May	28	(Tue)	23:12	113	04:06	51S	09:52	245
2024	May	29	(Wed)	23:59	107	05:01	55S	10:52	250
2024	May	30	(Thu)			05:53	61S	11:50	256
2024	May	31	(Fri)	00:42	101	06:43	67S	12:47	263
2024	Jun	01	(Sat)	01:24	94	07:31	74S	13:42	270
2024	Jun	02	(Sun)	02:04	87	08:19	81S	14:38	277
2024	Jun	03	(Mon)	02:46	80	09:08	88S	15:35	284
2024	Jun	04	(Tue)	03:30	73	10:00	87N	16:34	290
2024	Jun	05	(Wed)	04:18	68	10:55	82N	17:36	295
2024	Jun	06	(Thu)	05:10	63	11:53	78N	18:39	298
2024	Jun	07	(Fri)	06:07	61	12:53	76N	19:40	299
2024	Jun	08	(Sat)	07:06	61	13:52	77N	20:38	299
2024	Jun	09	(Sun)	08:05	62	14:49	78N	21:30	296
2024	Jun	10	(Mon)	09:02	65	15:41	82N	22:17	293
2024	Jun	11	(Tue)	09:56	69	16:28	86N	22:58	288
2024	Jun	12	(Wed)	10:46	74	17:12	90S	23:35	283
2024	Jun	13	(Thu)	11:33	80	17:53	85S		
2024	Jun	14	(Fri)	12:19	86	18:32	79S	00:10	277
2024	Jun	15	(Sat)	13:04	92	19:11	73S	00:43	271

2024 Jun 16 (Sun)	13:49 98	19:51 67S	01:16 265
2024 Jun 17 (Mon)	14:36 104	20:33 62S	01:50 259
2024 Jun 18 (Tue)	15:26 109	21:17 57S	02:26 254
2024 Jun 19 (Wed)	16:19 113	22:06 52S	03:06 249
2024 Jun 20 (Thu)	17:16 117	23:00 49S	03:52 245
2024 Jun 21 (Fri)	18:16 119	23:58 48S	04:43 242
2024 Jun 22 (Sat)	19:16 119		05:39 241
2024 Jun 23 (Sun)	20:14 117	00:58 48S	06:41 241
2024 Jun 24 (Mon)	21:08 114	01:58 50S	07:43 244
2024 Jun 25 (Tue)	21:57 109	02:55 54S	08:45 248
2024 Jun 26 (Wed)	22:42 103	03:50 59S	09:45 254
2024 Jun 27 (Thu)	23:23 96	04:40 65S	10:43 261
2024 Jun 28 (Fri)		05:29 72S	11:38 268
2024 Jun 29 (Sat)	00:04 89	06:17 79S	12:33 275
2024 Jun 30 (Sun)	00:45 82	07:05 86S	13:28 282
2024 Jul 01 (Mon)	01:27 75	07:54 89N	14:26 288
2024 Jul 02 (Tue)	02:12 69	08:47 83N	15:25 293
2024 Jul 03 (Wed)	03:02 65	09:43 79N	16:26 297
2024 Jul 04 (Thu)	03:56 62	10:41 77N	17:28 299
2024 Jul 05 (Fri)	04:53 61	11:40 76N	18:26 299
2024 Jul 06 (Sat)	05:52 61	12:37 78N	19:21 297
2024 Jul 07 (Sun)	06:50 64	13:31 80N	20:10 294
2024 Jul 08 (Mon)	07:45 68	14:21 84N	20:53 290
2024 Jul 09 (Tue)	08:37 72	15:06 89N	21:32 285
2024 Jul 10 (Wed)	09:26 78	15:48 87S	22:08 279
2024 Jul 11 (Thu)	10:13 84	16:28 81S	22:41 273
2024 Jul 12 (Fri)	10:58 90	17:07 75S	23:14 267
2024 Jul 13 (Sat)	11:42 96	17:46 69S	23:47 262
2024 Jul 14 (Sun)	12:28 101	18:27 64S	
2024 Jul 15 (Mon)	13:16 107	19:10 59S	00:22 256
2024 Jul 16 (Tue)	14:08 112	19:56 54S	01:00 251
2024 Jul 17 (Wed)	15:03 116	20:47 50S	01:43 246
2024 Jul 18 (Thu)	16:01 118	21:43 48S	02:31 243
2024 Jul 19 (Fri)	17:01 119	22:43 47S	03:25 241
2024 Jul 20 (Sat)	18:01 119	23:44 49S	04:25 241
2024 Jul 21 (Sun)	18:57 116		05:28 243
2024 Jul 22 (Mon)	19:50 111	00:43 52S	06:32 246
2024 Jul 23 (Tue)	20:37 105	01:40 57S	07:34 252
2024 Jul 24 (Wed)	21:21 98	02:34 63S	08:34 258
2024 Jul 25 (Thu)	22:03 91	03:25 70S	09:32 266
2024 Jul 26 (Fri)	22:44 83	04:14 77S	10:28 273
2024 Jul 27 (Sat)	23:26 77	05:02 84S	11:24 280
2024 Jul 28 (Sun)		05:52 90N	12:21 287
2024 Jul 29 (Mon)	00:10 71	06:43 85N	13:20 292
2024 Jul 30 (Tue)	00:58 66	07:38 80N	14:20 296
2024 Jul 31 (Wed)	01:50 62	08:34 77N	15:20 299
2024 Aug 01 (Thu)	02:46 61	09:32 76N	16:19 299
2024 Aug 02 (Fri)	03:44 61	10:30 77N	17:14 298
2024 Aug 03 (Sat)	04:41 63	11:24 79N	18:04 296
2024 Aug 04 (Sun)	05:37 66	12:15 83N	18:49 292
2024 Aug 05 (Mon)	06:30 71	13:01 87N	19:29 287
2024 Aug 06 (Tue)	07:20 76	13:45 89S	20:06 281
2024 Aug 07 (Wed)	08:07 82	14:25 83S	20:40 275
2024 Aug 08 (Thu)	08:53 88	15:04 77S	21:13 269
2024 Aug 09 (Fri)	09:37 94	15:43 71S	21:46 264
2024 Aug 10 (Sat)	10:23 99	16:23 66S	22:20 258
2024 Aug 11 (Sun)	11:09 105	17:04 60S	22:56 253
2024 Aug 12 (Mon)	11:58 110	17:48 56S	23:36 248
2024 Aug 13 (Tue)	12:51 114	18:37 52S	
2024 Aug 14 (Wed)	13:47 118	19:29 49S	00:21 244
2024 Aug 15 (Thu)	14:45 119	20:26 47S	01:11 241
2024 Aug 16 (Fri)	15:44 119	21:26 48S	02:07 240
2024 Aug 17 (Sat)	16:42 117	22:26 50S	03:09 241
2024 Aug 18 (Sun)	17:36 113	23:25 54S	04:12 244
2024 Aug 19 (Mon)	18:27 108		05:16 249
2024 Aug 20 (Tue)	19:13 101	00:21 60S	06:18 255
2024 Aug 21 (Wed)	19:57 94	01:14 67S	07:19 262
2024 Aug 22 (Thu)	20:40 86	02:05 74S	08:17 270
2024 Aug 23 (Fri)	21:23 79	02:55 82S	09:15 278
2024 Aug 24 (Sat)	22:07 72	03:46 89S	10:13 285
2024 Aug 25 (Sun)	22:55 67	04:38 86N	11:13 291
2024 Aug 26 (Mon)	23:46 63	05:33 81N	12:14 295

2024 Aug 27 (Tue)		06:30 78N	13:15 298
2024 Aug 28 (Wed)	00:41 61	07:28 76N	14:14 300
2024 Aug 29 (Thu)	01:38 61	08:25 76N	15:10 299
2024 Aug 30 (Fri)	02:36 62	09:20 78N	16:02 297
2024 Aug 31 (Sat)	03:32 65	10:11 81N	16:48 293
2024 Sep 01 (Sun)	04:25 69	10:58 86N	17:29 289
2024 Sep 02 (Mon)	05:15 74	11:42 91	18:06 283
2024 Sep 03 (Tue)	06:03 80	12:24 85S	18:41 277
2024 Sep 04 (Wed)	06:49 85	13:03 79S	19:14 272
2024 Sep 05 (Thu)	07:34 91	13:42 73S	19:47 266
2024 Sep 06 (Fri)	08:19 97	14:21 68S	20:20 260
2024 Sep 07 (Sat)	09:05 103	15:01 62S	20:55 254
2024 Sep 08 (Sun)	09:53 108	15:44 57S	21:33 249
2024 Sep 09 (Mon)	10:43 113	16:30 53S	22:15 245
2024 Sep 10 (Tue)	11:37 117	17:20 50S	23:02 242
2024 Sep 11 (Wed)	12:33 119	18:14 48S	23:54 240
2024 Sep 12 (Thu)	13:30 120	19:11 47S	
2024 Sep 13 (Fri)	14:27 119	20:09 49S	00:52 241
2024 Sep 14 (Sat)	15:22 116	21:08 52S	01:53 242
2024 Sep 15 (Sun)	16:13 111	22:04 57S	02:56 246
2024 Sep 16 (Mon)	17:01 105	22:58 63S	03:58 252
2024 Sep 17 (Tue)	17:46 98	23:51 71S	04:59 259
2024 Sep 18 (Wed)	18:30 90		05:59 266
2024 Sep 19 (Thu)	19:14 82	00:42 78S	06:58 274
2024 Sep 20 (Fri)	19:59 75	01:34 86S	07:58 282
2024 Sep 21 (Sat)	20:47 69	02:27 89N	09:00 288
2024 Sep 22 (Sun)	21:39 64	03:23 83N	10:02 294
2024 Sep 23 (Mon)	22:34 61	04:21 79N	11:06 298
2024 Sep 24 (Tue)	23:32 60	05:20 76N	12:07 299
2024 Sep 25 (Wed)		06:19 76N	13:06 299
2024 Sep 26 (Thu)	00:31 61	07:16 77N	13:59 298
2024 Sep 27 (Fri)	01:27 64	08:08 80N	14:47 294
2024 Sep 28 (Sat)	02:21 68	08:57 84N	15:29 290
2024 Sep 29 (Sun)	03:12 72	09:41 89N	16:07 285
2024 Sep 30 (Mon)	04:01 78	10:23 87S	16:42 279
2024 Oct 01 (Tue)	04:47 83	11:03 81S	17:16 274
2024 Oct 02 (Wed)	05:32 89	11:42 75S	17:48 268
2024 Oct 03 (Thu)	06:17 96	12:20 69S	18:21 262
2024 Oct 04 (Fri)	07:02 101	13:00 64S	18:56 256
2024 Oct 05 (Sat)	07:49 107	13:42 59S	19:33 251
2024 Oct 06 (Sun)	08:39 112	14:27 54S	20:13 246
2024 Oct 07 (Mon)	09:31 116	15:15 50S	20:58 243
2024 Oct 08 (Tue)	10:26 118	16:07 48S	21:48 241
2024 Oct 09 (Wed)	11:22 120	17:02 47S	22:42 240
2024 Oct 10 (Thu)	12:17 119	17:59 48S	23:41 241
2024 Oct 11 (Fri)	13:11 117	18:55 50S	
2024 Oct 12 (Sat)	14:02 113	19:50 54S	00:41 244
2024 Oct 13 (Sun)	14:50 108	20:44 60S	01:41 249
2024 Oct 14 (Mon)	15:35 101	21:35 67S	02:40 255
2024 Oct 15 (Tue)	16:18 94	22:26 74S	03:39 262
2024 Oct 16 (Wed)	17:02 86	23:17 82S	04:38 270
2024 Oct 17 (Thu)	17:46 79		05:37 277
2024 Oct 18 (Fri)	18:34 72	00:10 89S	06:39 285
2024 Oct 19 (Sat)	19:25 66	01:06 86N	07:42 291
2024 Oct 20 (Sun)	20:21 62	02:05 81N	08:48 296
2024 Oct 21 (Mon)	21:20 61	03:06 77N	09:53 299
2024 Oct 22 (Tue)	22:20 61	04:08 76N	10:55 300
2024 Oct 23 (Wed)	23:20 63	05:07 77N	11:52 298
2024 Oct 24 (Thu)		06:02 79N	12:43 296
2024 Oct 25 (Fri)	00:16 66	06:53 83N	13:28 292
2024 Oct 26 (Sat)	01:08 71	07:40 87N	14:07 287
2024 Oct 27 (Sun)	01:58 76	08:22 89S	14:44 281
2024 Oct 28 (Mon)	02:44 82	09:02 83S	15:17 275
2024 Oct 29 (Tue)	03:29 88	09:41 77S	15:50 269
2024 Oct 30 (Wed)	04:14 94	10:20 71S	16:23 264
2024 Oct 31 (Thu)	04:59 99	10:59 66S	16:57 258
2024 Nov 01 (Fri)	05:46 105	11:41 60S	17:33 252
2024 Nov 02 (Sat)	06:35 110	12:25 56S	18:12 248
2024 Nov 03 (Sun)	07:27 114	13:12 52S	18:56 244
2024 Nov 04 (Mon)	08:21 118	14:03 49S	19:45 241
2024 Nov 05 (Tue)	09:17 119	14:57 47S	20:38 240
2024 Nov 06 (Wed)	10:12 119	15:53 48S	21:34 241

2024 Nov 07 (Thu)	11:06 118	16:49 49S	22:33 243
2024 Nov 08 (Fri)	11:57 115	17:43 53S	23:31 247
2024 Nov 09 (Sat)	12:44 110	18:35 58S	
2024 Nov 10 (Sun)	13:28 104	19:26 64S	00:29 253
2024 Nov 11 (Mon)	14:11 97	20:15 71S	01:26 259
2024 Nov 12 (Tue)	14:52 90	21:04 78S	02:22 266
2024 Nov 13 (Wed)	15:34 83	21:54 85S	03:19 274
2024 Nov 14 (Thu)	16:19 76	22:47 89N	04:18 281
2024 Nov 15 (Fri)	17:08 69	23:45 83N	05:19 288
2024 Nov 16 (Sat)	18:03 64		06:24 294
2024 Nov 17 (Sun)	19:01 61	00:45 79N	07:31 298
2024 Nov 18 (Mon)	20:03 61	01:48 77N	08:36 299
2024 Nov 19 (Tue)	21:05 62	02:51 76N	09:38 299
2024 Nov 20 (Wed)	22:05 65	03:50 78N	10:33 297
2024 Nov 21 (Thu)	23:00 69	04:45 81N	11:22 293
2024 Nov 22 (Fri)	23:52 74	05:34 86N	12:04 289
2024 Nov 23 (Sat)		06:19 91S	12:42 283
2024 Nov 24 (Sun)	00:40 80	07:00 85S	13:17 277
2024 Nov 25 (Mon)	01:26 86	07:40 79S	13:50 271
2024 Nov 26 (Tue)	02:10 92	08:18 73S	14:23 266
2024 Nov 27 (Wed)	02:55 97	08:57 68S	14:56 260
2024 Nov 28 (Thu)	03:41 103	09:38 62S	15:32 254
2024 Nov 29 (Fri)	04:30 108	10:21 57S	16:10 249
2024 Nov 30 (Sat)	05:21 113	11:08 53S	16:53 245
2024 Dec 01 (Sun)	06:15 117	11:58 50S	17:40 242
2024 Dec 02 (Mon)	07:11 119	12:52 48S	18:33 241
2024 Dec 03 (Tue)	08:07 119	13:48 47S	19:29 241
2024 Dec 04 (Wed)	09:03 118	14:45 49S	20:28 243
2024 Dec 05 (Thu)	09:54 116	15:40 52S	21:27 246
2024 Dec 06 (Fri)	10:42 111	16:32 56S	22:24 251
2024 Dec 07 (Sat)	11:27 106	17:22 62S	23:20 257
2024 Dec 08 (Sun)	12:08 100	18:10 69S	
2024 Dec 09 (Mon)	12:49 93	18:57 75S	00:15 264
2024 Dec 10 (Tue)	13:29 85	19:45 83S	01:10 271
2024 Dec 11 (Wed)	14:11 78	20:35 89S	02:05 278
2024 Dec 12 (Thu)	14:57 72	21:29 86N	03:03 285
2024 Dec 13 (Fri)	15:47 67	22:26 81N	04:05 291
2024 Dec 14 (Sat)	16:43 63	23:28 78N	05:09 296
2024 Dec 15 (Sun)	17:43 61		06:15 299
2024 Dec 16 (Mon)	18:46 61	00:31 76N	07:19 299
2024 Dec 17 (Tue)	19:48 63	01:33 77N	08:18 298
2024 Dec 18 (Wed)	20:47 67	02:31 80N	09:11 295
2024 Dec 19 (Thu)	21:41 72	03:23 84N	09:57 291
2024 Dec 20 (Fri)	22:32 77	04:11 89N	10:38 285
2024 Dec 21 (Sat)	23:19 83	04:55 87S	11:14 280
2024 Dec 22 (Sun)		05:35 81S	11:49 274
2024 Dec 23 (Mon)	00:05 89	06:15 75S	12:22 268
2024 Dec 24 (Tue)	00:50 95	06:54 70S	12:55 262
2024 Dec 25 (Wed)	01:35 101	07:33 64S	13:29 256
2024 Dec 26 (Thu)	02:22 107	08:15 59S	14:06 251
2024 Dec 27 (Fri)	03:12 111	09:01 54S	14:47 247
2024 Dec 28 (Sat)	04:05 115	09:50 51S	15:33 243
2024 Dec 29 (Sun)	05:01 118	10:43 48S	16:24 241
2024 Dec 30 (Mon)	05:58 119	11:39 47S	17:20 241
2024 Dec 31 (Tue)	06:55 119	12:36 48S	18:19 242