

Sun

Nakhon Ratchasima
Location: E102°11'20.3", N14°59'09.6", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit	Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m	°	h m	°	h m
2025	Jan	01 (Wed)	05:47	06:37	114	12:15	53S	17:53	246	18:43
2025	Jan	02 (Thu)	05:47	06:37	114	12:15	53S	17:53	247	18:43
2025	Jan	03 (Fri)	05:48	06:38	113	12:16	53S	17:54	247	18:44
2025	Jan	04 (Sat)	05:48	06:38	113	12:16	53S	17:54	247	18:44
2025	Jan	05 (Sun)	05:49	06:38	113	12:17	53S	17:55	247	18:45
2025	Jan	06 (Mon)	05:49	06:39	113	12:17	53S	17:56	247	18:45
2025	Jan	07 (Tue)	05:49	06:39	113	12:18	53S	17:56	247	18:46
2025	Jan	08 (Wed)	05:50	06:39	113	12:18	54S	17:57	247	18:46
2025	Jan	09 (Thu)	05:50	06:39	113	12:18	54S	17:57	247	18:47
2025	Jan	10 (Fri)	05:50	06:40	113	12:19	54S	17:58	248	18:47
2025	Jan	11 (Sat)	05:50	06:40	112	12:19	54S	17:58	248	18:48
2025	Jan	12 (Sun)	05:51	06:40	112	12:20	54S	17:59	248	18:49
2025	Jan	13 (Mon)	05:51	06:40	112	12:20	54S	18:00	248	18:49
2025	Jan	14 (Tue)	05:51	06:40	112	12:20	54S	18:00	248	18:50
2025	Jan	15 (Wed)	05:51	06:41	112	12:21	55S	18:01	248	18:50
2025	Jan	16 (Thu)	05:51	06:41	111	12:21	55S	18:01	249	18:51
2025	Jan	17 (Fri)	05:52	06:41	111	12:21	55S	18:02	249	18:51
2025	Jan	18 (Sat)	05:52	06:41	111	12:22	55S	18:03	249	18:52
2025	Jan	19 (Sun)	05:52	06:41	111	12:22	55S	18:03	249	18:52
2025	Jan	20 (Mon)	05:52	06:41	111	12:22	56S	18:04	249	18:53
2025	Jan	21 (Tue)	05:52	06:41	110	12:23	56S	18:04	250	18:53
2025	Jan	22 (Wed)	05:52	06:41	110	12:23	56S	18:05	250	18:54
2025	Jan	23 (Thu)	05:52	06:41	110	12:23	56S	18:05	250	18:54
2025	Jan	24 (Fri)	05:52	06:41	110	12:23	57S	18:06	250	18:54
2025	Jan	25 (Sat)	05:52	06:41	109	12:24	57S	18:06	251	18:55
2025	Jan	26 (Sun)	05:52	06:41	109	12:24	57S	18:07	251	18:55
2025	Jan	27 (Mon)	05:52	06:41	109	12:24	57S	18:07	251	18:56
2025	Jan	28 (Tue)	05:52	06:41	109	12:24	58S	18:08	252	18:56
2025	Jan	29 (Wed)	05:52	06:41	108	12:24	58S	18:08	252	18:57
2025	Jan	30 (Thu)	05:52	06:40	108	12:25	58S	18:09	252	18:57
2025	Jan	31 (Fri)	05:52	06:40	108	12:25	58S	18:09	252	18:57
2025	Feb	01 (Sat)	05:52	06:40	107	12:25	59S	18:10	253	18:58
2025	Feb	02 (Sun)	05:52	06:40	107	12:25	59S	18:10	253	18:58
2025	Feb	03 (Mon)	05:52	06:40	107	12:25	59S	18:11	253	18:59
2025	Feb	04 (Tue)	05:51	06:39	107	12:25	60S	18:11	254	18:59
2025	Feb	05 (Wed)	05:51	06:39	106	12:25	60S	18:11	254	18:59
2025	Feb	06 (Thu)	05:51	06:39	106	12:25	60S	18:12	254	19:00
2025	Feb	07 (Fri)	05:51	06:39	106	12:25	60S	18:12	255	19:00
2025	Feb	08 (Sat)	05:51	06:38	105	12:25	61S	18:13	255	19:00
2025	Feb	09 (Sun)	05:50	06:38	105	12:25	61S	18:13	255	19:01
2025	Feb	10 (Mon)	05:50	06:38	105	12:25	61S	18:13	256	19:01
2025	Feb	11 (Tue)	05:50	06:37	104	12:25	62S	18:14	256	19:01
2025	Feb	12 (Wed)	05:49	06:37	104	12:25	62S	18:14	256	19:02
2025	Feb	13 (Thu)	05:49	06:36	104	12:25	62S	18:15	257	19:02
2025	Feb	14 (Fri)	05:49	06:36	103	12:25	63S	18:15	257	19:02
2025	Feb	15 (Sat)	05:48	06:36	103	12:25	63S	18:15	257	19:02
2025	Feb	16 (Sun)	05:48	06:35	103	12:25	63S	18:16	258	19:03
2025	Feb	17 (Mon)	05:48	06:35	102	12:25	64S	18:16	258	19:03
2025	Feb	18 (Tue)	05:47	06:34	102	12:25	64S	18:16	258	19:03
2025	Feb	19 (Wed)	05:47	06:34	101	12:25	65S	18:16	259	19:03
2025	Feb	20 (Thu)	05:46	06:33	101	12:25	65S	18:17	259	19:04
2025	Feb	21 (Fri)	05:46	06:33	101	12:25	65S	18:17	259	19:04
2025	Feb	22 (Sat)	05:45	06:32	100	12:25	66S	18:17	260	19:04
2025	Feb	23 (Sun)	05:45	06:32	100	12:25	66S	18:18	260	19:04
2025	Feb	24 (Mon)	05:44	06:31	100	12:24	66S	18:18	261	19:05
2025	Feb	25 (Tue)	05:44	06:31	99	12:24	67S	18:18	261	19:05
2025	Feb	26 (Wed)	05:43	06:30	99	12:24	67S	18:18	261	19:05
2025	Feb	27 (Thu)	05:43	06:29	98	12:24	67S	18:19	262	19:05
2025	Feb	28 (Fri)	05:42	06:29	98	12:24	68S	18:19	262	19:05
2025	Mar	01 (Sat)	05:42	06:28	98	12:24	68S	18:19	263	19:06

2025	Mar	02	(Sun)	05:41	06:28	97	12:23	69S	18:19	263	19:06
2025	Mar	03	(Mon)	05:41	06:27	97	12:23	69S	18:19	263	19:06
2025	Mar	04	(Tue)	05:40	06:26	96	12:23	69S	18:20	264	19:06
2025	Mar	05	(Wed)	05:39	06:26	96	12:23	70S	18:20	264	19:06
2025	Mar	06	(Thu)	05:39	06:25	96	12:22	70S	18:20	265	19:06
2025	Mar	07	(Fri)	05:38	06:25	95	12:22	71S	18:20	265	19:07
2025	Mar	08	(Sat)	05:38	06:24	95	12:22	71S	18:20	265	19:07
2025	Mar	09	(Sun)	05:37	06:23	94	12:22	71S	18:21	266	19:07
2025	Mar	10	(Mon)	05:36	06:23	94	12:22	72S	18:21	266	19:07
2025	Mar	11	(Tue)	05:36	06:22	94	12:21	72S	18:21	267	19:07
2025	Mar	12	(Wed)	05:35	06:21	93	12:21	73S	18:21	267	19:07
2025	Mar	13	(Thu)	05:34	06:20	93	12:21	73S	18:21	267	19:07
2025	Mar	14	(Fri)	05:34	06:20	92	12:20	73S	18:21	268	19:08
2025	Mar	15	(Sat)	05:33	06:19	92	12:20	74S	18:21	268	19:08
2025	Mar	16	(Sun)	05:32	06:18	92	12:20	74S	18:22	269	19:08
2025	Mar	17	(Mon)	05:31	06:18	91	12:20	74S	18:22	269	19:08
2025	Mar	18	(Tue)	05:31	06:17	91	12:19	75S	18:22	269	19:08
2025	Mar	19	(Wed)	05:30	06:16	90	12:19	75S	18:22	270	19:08
2025	Mar	20	(Thu)	05:29	06:15	90	12:19	76S	18:22	270	19:08
2025	Mar	21	(Fri)	05:29	06:15	90	12:18	76S	18:22	271	19:09
2025	Mar	22	(Sat)	05:28	06:14	89	12:18	76S	18:22	271	19:09
2025	Mar	23	(Sun)	05:27	06:13	89	12:18	77S	18:22	271	19:09
2025	Mar	24	(Mon)	05:26	06:13	88	12:17	77S	18:23	272	19:09
2025	Mar	25	(Tue)	05:26	06:12	88	12:17	78S	18:23	272	19:09
2025	Mar	26	(Wed)	05:25	06:11	87	12:17	78S	18:23	273	19:09
2025	Mar	27	(Thu)	05:24	06:10	87	12:17	78S	18:23	273	19:09
2025	Mar	28	(Fri)	05:23	06:10	87	12:16	79S	18:23	274	19:10
2025	Mar	29	(Sat)	05:23	06:09	86	12:16	79S	18:23	274	19:10
2025	Mar	30	(Sun)	05:22	06:08	86	12:16	80S	18:23	274	19:10
2025	Mar	31	(Mon)	05:21	06:08	85	12:15	80S	18:23	275	19:10
2025	Apr	01	(Tue)	05:20	06:07	85	12:15	80S	18:24	275	19:10
2025	Apr	02	(Wed)	05:20	06:06	85	12:15	81S	18:24	276	19:10
2025	Apr	03	(Thu)	05:19	06:05	84	12:15	81S	18:24	276	19:10
2025	Apr	04	(Fri)	05:18	06:05	84	12:14	82S	18:24	276	19:11
2025	Apr	05	(Sat)	05:17	06:04	83	12:14	82S	18:24	277	19:11
2025	Apr	06	(Sun)	05:17	06:03	83	12:14	82S	18:24	277	19:11
2025	Apr	07	(Mon)	05:16	06:03	83	12:13	83S	18:24	277	19:11
2025	Apr	08	(Tue)	05:15	06:02	82	12:13	83S	18:24	278	19:11
2025	Apr	09	(Wed)	05:14	06:01	82	12:13	83S	18:25	278	19:12
2025	Apr	10	(Thu)	05:14	06:01	82	12:13	84S	18:25	279	19:12
2025	Apr	11	(Fri)	05:13	06:00	81	12:12	84S	18:25	279	19:12
2025	Apr	12	(Sat)	05:12	05:59	81	12:12	84S	18:25	279	19:12
2025	Apr	13	(Sun)	05:11	05:59	80	12:12	85S	18:25	280	19:12
2025	Apr	14	(Mon)	05:11	05:58	80	12:12	85S	18:25	280	19:13
2025	Apr	15	(Tue)	05:10	05:57	80	12:11	86S	18:25	281	19:13
2025	Apr	16	(Wed)	05:09	05:57	79	12:11	86S	18:26	281	19:13
2025	Apr	17	(Thu)	05:09	05:56	79	12:11	86S	18:26	281	19:13
2025	Apr	18	(Fri)	05:08	05:55	79	12:11	87S	18:26	282	19:13
2025	Apr	19	(Sat)	05:07	05:55	78	12:10	87S	18:26	282	19:14
2025	Apr	20	(Sun)	05:07	05:54	78	12:10	87S	18:26	282	19:14
2025	Apr	21	(Mon)	05:06	05:54	77	12:10	88S	18:26	283	19:14
2025	Apr	22	(Tue)	05:05	05:53	77	12:10	88S	18:27	283	19:14
2025	Apr	23	(Wed)	05:05	05:52	77	12:10	88S	18:27	283	19:15
2025	Apr	24	(Thu)	05:04	05:52	76	12:09	89S	18:27	284	19:15
2025	Apr	25	(Fri)	05:03	05:51	76	12:09	89S	18:27	284	19:15
2025	Apr	26	(Sat)	05:03	05:51	76	12:09	89S	18:27	284	19:16
2025	Apr	27	(Sun)	05:02	05:50	75	12:09	90S	18:28	285	19:16
2025	Apr	28	(Mon)	05:01	05:50	75	12:09	90S	18:28	285	19:16
2025	Apr	29	(Tue)	05:01	05:49	75	12:09	90S	18:28	285	19:17
2025	Apr	30	(Wed)	05:00	05:49	74	12:08	91S	18:28	286	19:17
2025	May	01	(Thu)	05:00	05:48	74	12:08	91N	18:29	286	19:17
2025	May	02	(Fri)	04:59	05:48	74	12:08	90N	18:29	286	19:17
2025	May	03	(Sat)	04:59	05:47	74	12:08	90N	18:29	287	19:18
2025	May	04	(Sun)	04:58	05:47	73	12:08	90N	18:29	287	19:18
2025	May	05	(Mon)	04:58	05:46	73	12:08	89N	18:30	287	19:19
2025	May	06	(Tue)	04:57	05:46	73	12:08	89N	18:30	288	19:19
2025	May	07	(Wed)	04:57	05:46	72	12:08	89N	18:30	288	19:19
2025	May	08	(Thu)	04:56	05:45	72	12:08	89N	18:30	288	19:20
2025	May	09	(Fri)	04:56	05:45	72	12:08	88N	18:31	288	19:20
2025	May	10	(Sat)	04:55	05:45	72	12:08	88N	18:31	289	19:20
2025	May	11	(Sun)	04:55	05:44	71	12:08	88N	18:31	289	19:21
2025	May	12	(Mon)	04:54	05:44	71	12:08	87N	18:31	289	19:21

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

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

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

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

Sun

Nakhon Ratchasima

Location: E102°11'20.3", N14°59'09.6", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
				h m	h m	°	h m °	h m °		h m
2025	Jan	01	(Wed)	06:14	06:37	114	12:15 53S	17:53	246	18:16
2025	Jan	02	(Thu)	06:14	06:37	114	12:15 53S	17:53	247	18:16
2025	Jan	03	(Fri)	06:15	06:38	113	12:16 53S	17:54	247	18:17
2025	Jan	04	(Sat)	06:15	06:38	113	12:16 53S	17:54	247	18:18
2025	Jan	05	(Sun)	06:15	06:38	113	12:17 53S	17:55	247	18:18
2025	Jan	06	(Mon)	06:16	06:39	113	12:17 53S	17:56	247	18:19
2025	Jan	07	(Tue)	06:16	06:39	113	12:18 53S	17:56	247	18:19
2025	Jan	08	(Wed)	06:16	06:39	113	12:18 54S	17:57	247	18:20
2025	Jan	09	(Thu)	06:16	06:39	113	12:18 54S	17:57	247	18:20
2025	Jan	10	(Fri)	06:17	06:40	113	12:19 54S	17:58	248	18:21
2025	Jan	11	(Sat)	06:17	06:40	112	12:19 54S	17:58	248	18:21
2025	Jan	12	(Sun)	06:17	06:40	112	12:20 54S	17:59	248	18:22
2025	Jan	13	(Mon)	06:17	06:40	112	12:20 54S	18:00	248	18:23
2025	Jan	14	(Tue)	06:18	06:40	112	12:20 54S	18:00	248	18:23
2025	Jan	15	(Wed)	06:18	06:41	112	12:21 55S	18:01	248	18:24
2025	Jan	16	(Thu)	06:18	06:41	111	12:21 55S	18:01	249	18:24
2025	Jan	17	(Fri)	06:18	06:41	111	12:21 55S	18:02	249	18:25
2025	Jan	18	(Sat)	06:18	06:41	111	12:22 55S	18:03	249	18:25
2025	Jan	19	(Sun)	06:18	06:41	111	12:22 55S	18:03	249	18:26
2025	Jan	20	(Mon)	06:18	06:41	111	12:22 56S	18:04	249	18:26
2025	Jan	21	(Tue)	06:18	06:41	110	12:23 56S	18:04	250	18:27
2025	Jan	22	(Wed)	06:18	06:41	110	12:23 56S	18:05	250	18:27
2025	Jan	23	(Thu)	06:18	06:41	110	12:23 56S	18:05	250	18:28
2025	Jan	24	(Fri)	06:18	06:41	110	12:23 57S	18:06	250	18:28
2025	Jan	25	(Sat)	06:18	06:41	109	12:24 57S	18:06	251	18:29
2025	Jan	26	(Sun)	06:18	06:41	109	12:24 57S	18:07	251	18:29
2025	Jan	27	(Mon)	06:18	06:41	109	12:24 57S	18:07	251	18:30
2025	Jan	28	(Tue)	06:18	06:41	109	12:24 58S	18:08	252	18:30
2025	Jan	29	(Wed)	06:18	06:41	108	12:24 58S	18:08	252	18:31
2025	Jan	30	(Thu)	06:18	06:40	108	12:25 58S	18:09	252	18:31
2025	Jan	31	(Fri)	06:18	06:40	108	12:25 58S	18:09	252	18:32
2025	Feb	01	(Sat)	06:18	06:40	107	12:25 59S	18:10	253	18:32
2025	Feb	02	(Sun)	06:18	06:40	107	12:25 59S	18:10	253	18:32
2025	Feb	03	(Mon)	06:17	06:40	107	12:25 59S	18:11	253	18:33
2025	Feb	04	(Tue)	06:17	06:39	107	12:25 60S	18:11	254	18:33
2025	Feb	05	(Wed)	06:17	06:39	106	12:25 60S	18:11	254	18:34
2025	Feb	06	(Thu)	06:17	06:39	106	12:25 60S	18:12	254	18:34
2025	Feb	07	(Fri)	06:16	06:39	106	12:25 60S	18:12	255	18:34
2025	Feb	08	(Sat)	06:16	06:38	105	12:25 61S	18:13	255	18:35
2025	Feb	09	(Sun)	06:16	06:38	105	12:25 61S	18:13	255	18:35
2025	Feb	10	(Mon)	06:16	06:38	105	12:25 61S	18:13	256	18:36
2025	Feb	11	(Tue)	06:15	06:37	104	12:25 62S	18:14	256	18:36

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

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

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

2025	Sep	16	(Tue)	05:39	06:00	87	12:06	78S	18:12	273	18:34
2025	Sep	17	(Wed)	05:39	06:00	87	12:06	78S	18:11	272	18:33
2025	Sep	18	(Thu)	05:39	06:00	88	12:05	77S	18:11	272	18:32
2025	Sep	19	(Fri)	05:39	06:00	88	12:05	77S	18:10	272	18:31
2025	Sep	20	(Sat)	05:39	06:00	89	12:05	77S	18:09	271	18:30
2025	Sep	21	(Sun)	05:39	06:00	89	12:04	76S	18:08	271	18:30
2025	Sep	22	(Mon)	05:39	06:00	89	12:04	76S	18:07	270	18:29
2025	Sep	23	(Tue)	05:39	06:00	90	12:04	76S	18:07	270	18:28
2025	Sep	24	(Wed)	05:39	06:00	90	12:03	75S	18:06	270	18:27
2025	Sep	25	(Thu)	05:39	06:01	91	12:03	75S	18:05	269	18:27
2025	Sep	26	(Fri)	05:39	06:01	91	12:03	74S	18:04	269	18:26
2025	Sep	27	(Sat)	05:39	06:01	91	12:02	74S	18:04	268	18:25
2025	Sep	28	(Sun)	05:39	06:01	92	12:02	74S	18:03	268	18:24
2025	Sep	29	(Mon)	05:39	06:01	92	12:02	73S	18:02	268	18:24
2025	Sep	30	(Tue)	05:39	06:01	93	12:01	73S	18:01	267	18:23
2025	Oct	01	(Wed)	05:40	06:01	93	12:01	72S	18:01	267	18:22
2025	Oct	02	(Thu)	05:40	06:01	93	12:01	72S	18:00	266	18:21
2025	Oct	03	(Fri)	05:40	06:01	94	12:00	72S	17:59	266	18:21
2025	Oct	04	(Sat)	05:40	06:01	94	12:00	71S	17:58	266	18:20
2025	Oct	05	(Sun)	05:40	06:01	95	12:00	71S	17:58	265	18:19
2025	Oct	06	(Mon)	05:40	06:02	95	11:59	71S	17:57	265	18:19
2025	Oct	07	(Tue)	05:40	06:02	95	11:59	70S	17:56	264	18:18
2025	Oct	08	(Wed)	05:40	06:02	96	11:59	70S	17:56	264	18:17
2025	Oct	09	(Thu)	05:40	06:02	96	11:59	69S	17:55	264	18:16
2025	Oct	10	(Fri)	05:40	06:02	97	11:58	69S	17:54	263	18:16
2025	Oct	11	(Sat)	05:41	06:02	97	11:58	69S	17:54	263	18:15
2025	Oct	12	(Sun)	05:41	06:02	97	11:58	68S	17:53	262	18:15
2025	Oct	13	(Mon)	05:41	06:02	98	11:58	68S	17:52	262	18:14
2025	Oct	14	(Tue)	05:41	06:03	98	11:57	67S	17:52	262	18:13
2025	Oct	15	(Wed)	05:41	06:03	99	11:57	67S	17:51	261	18:13
2025	Oct	16	(Thu)	05:41	06:03	99	11:57	67S	17:50	261	18:12
2025	Oct	17	(Fri)	05:42	06:03	99	11:57	66S	17:50	260	18:12
2025	Oct	18	(Sat)	05:42	06:03	100	11:56	66S	17:49	260	18:11
2025	Oct	19	(Sun)	05:42	06:04	100	11:56	66S	17:49	260	18:10
2025	Oct	20	(Mon)	05:42	06:04	100	11:56	65S	17:48	259	18:10
2025	Oct	21	(Tue)	05:42	06:04	101	11:56	65S	17:48	259	18:09
2025	Oct	22	(Wed)	05:42	06:04	101	11:56	65S	17:47	259	18:09
2025	Oct	23	(Thu)	05:43	06:04	102	11:56	64S	17:47	258	18:08
2025	Oct	24	(Fri)	05:43	06:05	102	11:55	64S	17:46	258	18:08
2025	Oct	25	(Sat)	05:43	06:05	102	11:55	64S	17:46	258	18:07
2025	Oct	26	(Sun)	05:43	06:05	103	11:55	63S	17:45	257	18:07
2025	Oct	27	(Mon)	05:44	06:06	103	11:55	63S	17:45	257	18:06
2025	Oct	28	(Tue)	05:44	06:06	103	11:55	63S	17:44	256	18:06
2025	Oct	29	(Wed)	05:44	06:06	104	11:55	62S	17:44	256	18:06
2025	Oct	30	(Thu)	05:44	06:06	104	11:55	62S	17:43	256	18:05
2025	Oct	31	(Fri)	05:45	06:07	104	11:55	62S	17:43	255	18:05
2025	Nov	01	(Sat)	05:45	06:07	105	11:55	61S	17:42	255	18:04
2025	Nov	02	(Sun)	05:45	06:07	105	11:55	61S	17:42	255	18:04
2025	Nov	03	(Mon)	05:46	06:08	105	11:55	61S	17:42	254	18:04
2025	Nov	04	(Tue)	05:46	06:08	106	11:55	60S	17:41	254	18:04
2025	Nov	05	(Wed)	05:46	06:08	106	11:55	60S	17:41	254	18:03
2025	Nov	06	(Thu)	05:47	06:09	106	11:55	60S	17:41	254	18:03
2025	Nov	07	(Fri)	05:47	06:09	107	11:55	59S	17:40	253	18:03
2025	Nov	08	(Sat)	05:47	06:10	107	11:55	59S	17:40	253	18:02
2025	Nov	09	(Sun)	05:48	06:10	107	11:55	59S	17:40	253	18:02
2025	Nov	10	(Mon)	05:48	06:10	108	11:55	59S	17:40	252	18:02
2025	Nov	11	(Tue)	05:48	06:11	108	11:55	58S	17:39	252	18:02
2025	Nov	12	(Wed)	05:49	06:11	108	11:55	58S	17:39	252	18:02
2025	Nov	13	(Thu)	05:49	06:12	108	11:56	58S	17:39	251	18:02
2025	Nov	14	(Fri)	05:50	06:12	109	11:56	57S	17:39	251	18:01
2025	Nov	15	(Sat)	05:50	06:13	109	11:56	57S	17:39	251	18:01
2025	Nov	16	(Sun)	05:51	06:13	109	11:56	57S	17:39	251	18:01
2025	Nov	17	(Mon)	05:51	06:14	109	11:56	57S	17:39	250	18:01
2025	Nov	18	(Tue)	05:51	06:14	110	11:56	56S	17:39	250	18:01
2025	Nov	19	(Wed)	05:52	06:15	110	11:57	56S	17:39	250	18:01
2025	Nov	20	(Thu)	05:52	06:15	110	11:57	56S	17:38	250	18:01
2025	Nov	21	(Fri)	05:53	06:16	110	11:57	56S	17:38	249	18:01
2025	Nov	22	(Sat)	05:53	06:16	111	11:57	56S	17:38	249	18:01
2025	Nov	23	(Sun)	05:54	06:17	111	11:58	55S	17:39	249	18:01
2025	Nov	24	(Mon)	05:54	06:17	111	11:58	55S	17:39	249	18:01
2025	Nov	25	(Tue)	05:55	06:18	111	11:58	55S	17:39	249	18:01
2025	Nov	26	(Wed)	05:55	06:18	111	11:59	55S	17:39	248	18:02

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

Moon

Nakhon Ratchasima
Location: E102°11'20.3", N14°59'09.6", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:46	117		13:29	50S	19:13 245
2025	Jan	02	(Thu)	08:37	113		14:23	54S	20:13 249
2025	Jan	03	(Fri)	09:22	108		15:15	60S	21:11 255
2025	Jan	04	(Sat)	10:05	101		16:04	66S	22:07 262
2025	Jan	05	(Sun)	10:45	94		16:51	73S	23:02 269
2025	Jan	06	(Mon)	11:25	87		17:39	80S	23:57 276
2025	Jan	07	(Tue)	12:05	80		18:27	87S	
2025	Jan	08	(Wed)	12:47	74		19:18	88N	00:53 283
2025	Jan	09	(Thu)	13:34	68		20:12	83N	01:52 289
2025	Jan	10	(Fri)	14:26	64		21:10	79N	02:53 294
2025	Jan	11	(Sat)	15:22	61		22:11	77N	03:57 298
2025	Jan	12	(Sun)	16:23	61		23:12	77N	05:00 299
2025	Jan	13	(Mon)	17:25	62				06:01 299
2025	Jan	14	(Tue)	18:26	65		00:12	79N	06:56 297
2025	Jan	15	(Wed)	19:23	70		01:07	83N	07:45 293
2025	Jan	16	(Thu)	20:16	75		01:57	87N	08:28 288
2025	Jan	17	(Fri)	21:06	81		02:43	89S	09:06 282
2025	Jan	18	(Sat)	21:53	87		03:25	83S	09:42 276
2025	Jan	19	(Sun)	22:39	93		04:06	77S	10:15 270
2025	Jan	20	(Mon)	23:25	99		04:45	71S	10:48 264
2025	Jan	21	(Tue)				05:24	65S	11:21 258
2025	Jan	22	(Wed)	00:11	105		06:05	60S	11:57 253
2025	Jan	23	(Thu)	01:00	110		06:49	55S	12:35 248
2025	Jan	24	(Fri)	01:51	114		07:36	51S	13:18 244
2025	Jan	25	(Sat)	02:45	117		08:26	48S	14:06 242

2025	Jan	26	(Sun)	03:42	119	09:21	47S	15:00	240
2025	Jan	27	(Mon)	04:39	120	10:18	47S	15:58	241
2025	Jan	28	(Tue)	05:35	118	11:16	49S	16:59	243
2025	Jan	29	(Wed)	06:27	115	12:12	52S	18:00	247
2025	Jan	30	(Thu)	07:16	110	13:07	57S	19:00	253
2025	Jan	31	(Fri)	08:01	104	13:58	64S	19:58	260
2025	Feb	01	(Sat)	08:43	97	14:47	71S	20:55	267
2025	Feb	02	(Sun)	09:24	90	15:35	78S	21:51	274
2025	Feb	03	(Mon)	10:04	82	16:24	85S	22:48	281
2025	Feb	04	(Tue)	10:46	75	17:14	90N	23:47	288
2025	Feb	05	(Wed)	11:32	69	18:08	84N		
2025	Feb	06	(Thu)	12:21	65	19:04	80N	00:47	293
2025	Feb	07	(Fri)	13:16	62	20:03	78N	01:49	297
2025	Feb	08	(Sat)	14:14	60	21:03	77N	02:52	299
2025	Feb	09	(Sun)	15:14	61	22:02	78N	03:52	300
2025	Feb	10	(Mon)	16:14	64	22:58	81N	04:48	298
2025	Feb	11	(Tue)	17:12	68	23:49	85N	05:38	294
2025	Feb	12	(Wed)	18:06	73			06:23	290
2025	Feb	13	(Thu)	18:57	78	00:36	90N	07:03	284
2025	Feb	14	(Fri)	19:45	84	01:20	85S	07:39	279
2025	Feb	15	(Sat)	20:32	91	02:01	79S	08:13	272
2025	Feb	16	(Sun)	21:18	97	02:41	73S	08:46	266
2025	Feb	17	(Mon)	22:04	103	03:20	67S	09:19	260
2025	Feb	18	(Tue)	22:52	108	04:00	62S	09:54	255
2025	Feb	19	(Wed)	23:42	113	04:43	57S	10:31	250
2025	Feb	20	(Thu)			05:28	53S	11:11	246
2025	Feb	21	(Fri)	00:34	116	06:16	49S	11:56	242
2025	Feb	22	(Sat)	01:29	119	07:08	47S	12:47	241
2025	Feb	23	(Sun)	02:25	120	08:03	46S	13:42	240
2025	Feb	24	(Mon)	03:20	119	09:00	47S	14:41	242
2025	Feb	25	(Tue)	04:14	117	09:57	50S	15:41	245
2025	Feb	26	(Wed)	05:04	112	10:52	55S	16:42	250
2025	Feb	27	(Thu)	05:51	107	11:45	60S	17:42	256
2025	Feb	28	(Fri)	06:35	100	12:36	67S	18:41	263
2025	Mar	01	(Sat)	07:17	93	13:26	75S	19:39	271
2025	Mar	02	(Sun)	07:59	85	14:16	82S	20:38	279
2025	Mar	03	(Mon)	08:42	78	15:08	89S	21:37	286
2025	Mar	04	(Tue)	09:28	71	16:02	86N	22:39	292
2025	Mar	05	(Wed)	10:17	66	16:58	81N	23:42	296
2025	Mar	06	(Thu)	11:11	62	17:58	78N		
2025	Mar	07	(Fri)	12:09	60	18:58	77N	00:46	299
2025	Mar	08	(Sat)	13:08	61	19:57	77N	01:47	300
2025	Mar	09	(Sun)	14:08	63	20:53	80N	02:44	299
2025	Mar	10	(Mon)	15:06	66	21:45	84N	03:35	296
2025	Mar	11	(Tue)	16:00	71	22:33	88N	04:21	292
2025	Mar	12	(Wed)	16:52	76	23:17	88S	05:02	286
2025	Mar	13	(Thu)	17:40	82	23:58	82S	05:39	281
2025	Mar	14	(Fri)	18:27	88			06:13	275
2025	Mar	15	(Sat)	19:13	95	00:38	76S	06:46	269
2025	Mar	16	(Sun)	19:59	100	01:18	70S	07:19	263
2025	Mar	17	(Mon)	20:46	106	01:57	64S	07:53	257
2025	Mar	18	(Tue)	21:35	111	02:39	59S	08:29	252
2025	Mar	19	(Wed)	22:26	115	03:23	54S	09:08	247
2025	Mar	20	(Thu)	23:19	118	04:09	50S	09:51	243
2025	Mar	21	(Fri)			04:59	48S	10:38	241
2025	Mar	22	(Sat)	00:14	120	05:52	46S	11:30	240
2025	Mar	23	(Sun)	01:09	120	06:47	47S	12:26	241
2025	Mar	24	(Mon)	02:02	118	07:42	49S	13:25	243
2025	Mar	25	(Tue)	02:52	115	08:37	52S	14:24	247
2025	Mar	26	(Wed)	03:40	110	09:30	57S	15:23	253
2025	Mar	27	(Thu)	04:24	104	10:21	64S	16:22	260
2025	Mar	28	(Fri)	05:07	97	11:12	71S	17:20	267
2025	Mar	29	(Sat)	05:49	89	12:02	78S	18:19	275
2025	Mar	30	(Sun)	06:32	81	12:54	86S	19:20	282
2025	Mar	31	(Mon)	07:18	74	13:48	89N	20:23	289
2025	Apr	01	(Tue)	08:07	68	14:46	83N	21:28	295
2025	Apr	02	(Wed)	09:01	64	15:47	79N	22:34	298
2025	Apr	03	(Thu)	10:00	61	16:49	77N	23:39	300
2025	Apr	04	(Fri)	11:01	60	17:50	77N		
2025	Apr	05	(Sat)	12:02	62	18:49	79N	00:39	299
2025	Apr	06	(Sun)	13:01	65	19:42	82N	01:33	297
2025	Apr	07	(Mon)	13:57	69	20:31	87N	02:20	293

2025 Apr 08 (Tue)	14:49 74	21:16 89S	03:02 288
2025 Apr 09 (Wed)	15:37 80	21:58 84S	03:40 283
2025 Apr 10 (Thu)	16:24 86	22:38 78S	04:15 277
2025 Apr 11 (Fri)	17:10 92	23:17 72S	04:48 271
2025 Apr 12 (Sat)	17:56 98	23:56 66S	05:20 265
2025 Apr 13 (Sun)	18:42 104		05:54 259
2025 Apr 14 (Mon)	19:31 109	00:37 60S	06:29 253
2025 Apr 15 (Tue)	20:21 114	01:20 56S	07:07 249
2025 Apr 16 (Wed)	21:14 117	02:06 51S	07:48 245
2025 Apr 17 (Thu)	22:07 119	02:55 48S	08:34 242
2025 Apr 18 (Fri)	23:02 120	03:46 47S	09:24 240
2025 Apr 19 (Sat)	23:54 119	04:40 47S	10:18 240
2025 Apr 20 (Sun)		05:34 48S	11:14 242
2025 Apr 21 (Mon)	00:44 116	06:27 51S	12:12 246
2025 Apr 22 (Tue)	01:31 112	07:19 55S	13:09 250
2025 Apr 23 (Wed)	02:16 107	08:09 61S	14:06 256
2025 Apr 24 (Thu)	02:58 100	08:58 67S	15:03 263
2025 Apr 25 (Fri)	03:39 93	09:47 74S	16:00 271
2025 Apr 26 (Sat)	04:21 85	10:38 82S	16:59 278
2025 Apr 27 (Sun)	05:05 78	11:31 89S	18:01 286
2025 Apr 28 (Mon)	05:53 71	12:27 86N	19:06 292
2025 Apr 29 (Tue)	06:45 66	13:28 81N	20:14 297
2025 Apr 30 (Wed)	07:44 62	14:32 78N	21:22 299
2025 May 01 (Thu)	08:46 60	15:36 77N	22:26 299
2025 May 02 (Fri)	09:50 61	16:38 78N	23:25 298
2025 May 03 (Sat)	10:52 64	17:36 81N	
2025 May 04 (Sun)	11:50 68	18:27 85N	00:16 294
2025 May 05 (Mon)	12:44 73	19:14 90N	01:01 290
2025 May 06 (Tue)	13:34 78	19:57 85S	01:40 284
2025 May 07 (Wed)	14:22 84	20:37 79S	02:16 278
2025 May 08 (Thu)	15:08 91	21:17 73S	02:49 272
2025 May 09 (Fri)	15:53 97	21:56 68S	03:22 266
2025 May 10 (Sat)	16:40 102	22:36 62S	03:55 261
2025 May 11 (Sun)	17:27 108	23:18 57S	04:30 255
2025 May 12 (Mon)	18:17 112		05:07 250
2025 May 13 (Tue)	19:09 116	00:03 53S	05:47 246
2025 May 14 (Wed)	20:03 119	00:51 49S	06:32 243
2025 May 15 (Thu)	20:57 120	01:42 47S	07:21 241
2025 May 16 (Fri)	21:50 119	02:35 47S	08:14 240
2025 May 17 (Sat)	22:41 117	03:29 47S	09:09 242
2025 May 18 (Sun)	23:28 113	04:22 50S	10:06 244
2025 May 19 (Mon)		05:14 54S	11:02 249
2025 May 20 (Tue)	00:12 109	06:03 59S	11:57 254
2025 May 21 (Wed)	00:53 103	06:51 65S	12:52 261
2025 May 22 (Thu)	01:33 96	07:38 71S	13:47 268
2025 May 23 (Fri)	02:13 89	08:26 78S	14:43 275
2025 May 24 (Sat)	02:55 82	09:16 86S	15:41 282
2025 May 25 (Sun)	03:39 75	10:09 89N	16:44 289
2025 May 26 (Mon)	04:29 68	11:07 83N	17:50 294
2025 May 27 (Tue)	05:25 64	12:10 79N	18:58 298
2025 May 28 (Wed)	06:26 61	13:16 77N	20:06 299
2025 May 29 (Thu)	07:31 61	14:21 77N	21:09 299
2025 May 30 (Fri)	08:36 62	15:22 80N	22:06 296
2025 May 31 (Sat)	09:38 66	16:18 84N	22:54 292
2025 Jun 01 (Sun)	10:35 71	17:08 89N	23:37 286
2025 Jun 02 (Mon)	11:28 76	17:53 87S	
2025 Jun 03 (Tue)	12:17 83	18:35 81S	00:15 280
2025 Jun 04 (Wed)	13:04 89	19:15 75S	00:50 274
2025 Jun 05 (Thu)	13:50 95	19:55 69S	01:23 268
2025 Jun 06 (Fri)	14:36 101	20:34 64S	01:56 262
2025 Jun 07 (Sat)	15:23 106	21:16 59S	02:30 257
2025 Jun 08 (Sun)	16:12 111	22:00 54S	03:06 252
2025 Jun 09 (Mon)	17:04 115	22:47 50S	03:45 247
2025 Jun 10 (Tue)	17:57 118	23:37 48S	04:29 244
2025 Jun 11 (Wed)	18:52 119		05:17 241
2025 Jun 12 (Thu)	19:46 119	00:30 47S	06:09 240
2025 Jun 13 (Fri)	20:38 118	01:25 47S	07:04 241
2025 Jun 14 (Sat)	21:26 114	02:19 49S	08:01 244
2025 Jun 15 (Sun)	22:11 110	03:11 53S	08:58 248
2025 Jun 16 (Mon)	22:53 104	04:01 57S	09:53 253
2025 Jun 17 (Tue)	23:32 98	04:48 63S	10:47 259
2025 Jun 18 (Wed)		05:35 69S	11:41 265

2025 Jun 19 (Thu)	00:11 91	06:21 76S	12:35 272
2025 Jun 20 (Fri)	00:50 84	07:08 83S	13:30 280
2025 Jun 21 (Sat)	01:32 77	07:58 90S	14:29 286
2025 Jun 22 (Sun)	02:18 71	08:53 86N	15:31 292
2025 Jun 23 (Mon)	03:09 66	09:52 81N	16:37 297
2025 Jun 24 (Tue)	04:07 62	10:55 78N	17:45 299
2025 Jun 25 (Wed)	05:10 61	12:00 77N	18:50 299
2025 Jun 26 (Thu)	06:16 61	13:04 78N	19:50 297
2025 Jun 27 (Fri)	07:20 64	14:03 82N	20:43 294
2025 Jun 28 (Sat)	08:21 69	14:57 86N	21:30 289
2025 Jun 29 (Sun)	09:17 74	15:45 90S	22:10 283
2025 Jun 30 (Mon)	10:09 80	16:30 84S	22:47 277
2025 Jul 01 (Tue)	10:58 86	17:11 77S	23:21 270
2025 Jul 02 (Wed)	11:45 93	17:51 71S	23:55 264
2025 Jul 03 (Thu)	12:31 99	18:31 66S	
2025 Jul 04 (Fri)	13:18 104	19:12 60S	00:29 259
2025 Jul 05 (Sat)	14:06 109	19:55 55S	01:04 253
2025 Jul 06 (Sun)	14:57 114	20:41 51S	01:42 248
2025 Jul 07 (Mon)	15:49 117	21:31 49S	02:24 245
2025 Jul 08 (Tue)	16:44 119	22:23 47S	03:10 242
2025 Jul 09 (Wed)	17:39 120	23:17 47S	04:01 241
2025 Jul 10 (Thu)	18:32 118		04:56 241
2025 Jul 11 (Fri)	19:22 116	00:12 48S	05:54 243
2025 Jul 12 (Sat)	20:09 111	01:06 51S	06:51 246
2025 Jul 13 (Sun)	20:52 106	01:57 56S	07:48 251
2025 Jul 14 (Mon)	21:33 100	02:46 61S	08:43 257
2025 Jul 15 (Tue)	22:11 93	03:33 68S	09:37 264
2025 Jul 16 (Wed)	22:50 86	04:19 74S	10:31 271
2025 Jul 17 (Thu)	23:31 79	05:06 81S	11:25 278
2025 Jul 18 (Fri)		05:54 88S	12:22 284
2025 Jul 19 (Sat)	00:14 73	06:46 87N	13:21 290
2025 Jul 20 (Sun)	01:02 67	07:41 82N	14:24 295
2025 Jul 21 (Mon)	01:56 63	08:42 79N	15:30 298
2025 Jul 22 (Tue)	02:55 61	09:45 77N	16:35 300
2025 Jul 23 (Wed)	03:58 61	10:48 78N	17:36 298
2025 Jul 24 (Thu)	05:03 63	11:49 80N	18:32 295
2025 Jul 25 (Fri)	06:05 67	12:45 84N	19:21 291
2025 Jul 26 (Sat)	07:03 72	13:36 89N	20:04 285
2025 Jul 27 (Sun)	07:58 78	14:22 86S	20:42 279
2025 Jul 28 (Mon)	08:48 84	15:05 80S	21:18 273
2025 Jul 29 (Tue)	09:37 90	15:46 74S	21:52 267
2025 Jul 30 (Wed)	10:24 96	16:27 68S	22:26 261
2025 Jul 31 (Thu)	11:11 102	17:07 62S	23:01 255
2025 Aug 01 (Fri)	11:59 108	17:50 57S	23:38 250
2025 Aug 02 (Sat)	12:48 112	18:34 53S	
2025 Aug 03 (Sun)	13:40 116	19:22 49S	00:18 246
2025 Aug 04 (Mon)	14:34 119	20:13 47S	01:03 243
2025 Aug 05 (Tue)	15:28 120	21:07 47S	01:52 241
2025 Aug 06 (Wed)	16:22 119	22:02 47S	02:45 240
2025 Aug 07 (Thu)	17:14 117	22:56 50S	03:42 242
2025 Aug 08 (Fri)	18:03 113	23:49 54S	04:40 245
2025 Aug 09 (Sat)	18:48 108		05:38 249
2025 Aug 10 (Sun)	19:30 102	00:40 59S	06:35 255
2025 Aug 11 (Mon)	20:10 95	01:29 65S	07:30 261
2025 Aug 12 (Tue)	20:50 88	02:16 72S	08:25 268
2025 Aug 13 (Wed)	21:30 81	03:03 79S	09:20 276
2025 Aug 14 (Thu)	22:13 74	03:52 86S	10:17 283
2025 Aug 15 (Fri)	22:59 69	04:42 89N	11:16 289
2025 Aug 16 (Sat)	23:51 64	05:37 83N	12:18 294
2025 Aug 17 (Sun)		06:35 79N	13:21 298
2025 Aug 18 (Mon)	00:47 61	07:36 77N	14:25 300
2025 Aug 19 (Tue)	01:48 60	08:38 77N	15:27 299
2025 Aug 20 (Wed)	02:51 62	09:38 79N	16:23 297
2025 Aug 21 (Thu)	03:53 65	10:35 82N	17:14 293
2025 Aug 22 (Fri)	04:52 69	11:27 87N	17:58 288
2025 Aug 23 (Sat)	05:47 75	12:15 89S	18:38 282
2025 Aug 24 (Sun)	06:39 81	12:59 83S	19:15 276
2025 Aug 25 (Mon)	07:28 88	13:41 76S	19:50 269
2025 Aug 26 (Tue)	08:16 94	14:22 70S	20:24 263
2025 Aug 27 (Wed)	09:03 100	15:02 64S	20:58 257
2025 Aug 28 (Thu)	09:51 106	15:44 59S	21:35 252
2025 Aug 29 (Fri)	10:40 111	16:28 54S	22:13 247

2025 Aug 30 (Sat)	11:31 115	17:14 51S	22:56 244
2025 Aug 31 (Sun)	12:24 118	18:04 48S	23:43 241
2025 Sep 01 (Mon)	13:17 119	18:56 47S	
2025 Sep 02 (Tue)	14:11 120	19:49 47S	00:34 240
2025 Sep 03 (Wed)	15:03 118	20:44 48S	01:28 241
2025 Sep 04 (Thu)	15:53 115	21:37 52S	02:25 243
2025 Sep 05 (Fri)	16:40 111	22:29 56S	03:23 247
2025 Sep 06 (Sat)	17:23 105	23:19 62S	04:21 252
2025 Sep 07 (Sun)	18:05 98		05:18 258
2025 Sep 08 (Mon)	18:46 91	00:08 69S	06:14 265
2025 Sep 09 (Tue)	19:27 84	00:56 76S	07:10 273
2025 Sep 10 (Wed)	20:09 77	01:45 84S	08:08 280
2025 Sep 11 (Thu)	20:56 70	02:36 90S	09:08 287
2025 Sep 12 (Fri)	21:46 65	03:31 85N	10:10 293
2025 Sep 13 (Sat)	22:42 62	04:29 80N	11:14 297
2025 Sep 14 (Sun)	23:42 60	05:30 78N	12:19 299
2025 Sep 15 (Mon)		06:32 77N	13:21 300
2025 Sep 16 (Tue)	00:44 61	07:33 78N	14:19 298
2025 Sep 17 (Wed)	01:46 64	08:30 81N	15:10 294
2025 Sep 18 (Thu)	02:45 68	09:22 85N	15:56 290
2025 Sep 19 (Fri)	03:40 73	10:10 91N	16:37 284
2025 Sep 20 (Sat)	04:33 79	10:55 85S	17:14 278
2025 Sep 21 (Sun)	05:22 85	11:37 79S	17:49 272
2025 Sep 22 (Mon)	06:10 91	12:18 73S	18:23 265
2025 Sep 23 (Tue)	06:57 98	12:59 67S	18:57 259
2025 Sep 24 (Wed)	07:45 103	13:40 61S	19:33 254
2025 Sep 25 (Thu)	08:33 109	14:23 56S	20:10 249
2025 Sep 26 (Fri)	09:23 113	15:08 52S	20:51 245
2025 Sep 27 (Sat)	10:15 117	15:56 49S	21:36 242
2025 Sep 28 (Sun)	11:08 119	16:47 47S	22:25 241
2025 Sep 29 (Mon)	12:01 120	17:39 47S	23:17 240
2025 Sep 30 (Tue)	12:53 119	18:32 48S	
2025 Oct 01 (Wed)	13:43 117	19:25 50S	00:12 242
2025 Oct 02 (Thu)	14:30 113	20:16 54S	01:09 245
2025 Oct 03 (Fri)	15:14 108	21:06 59S	02:05 249
2025 Oct 04 (Sat)	15:56 102	21:55 66S	03:01 255
2025 Oct 05 (Sun)	16:37 95	22:43 73S	03:57 262
2025 Oct 06 (Mon)	17:18 87	23:33 80S	04:54 269
2025 Oct 07 (Tue)	18:01 80		05:51 276
2025 Oct 08 (Wed)	18:47 73	00:24 87S	06:52 284
2025 Oct 09 (Thu)	19:37 67	01:19 88N	07:55 290
2025 Oct 10 (Fri)	20:33 63	02:17 82N	09:01 295
2025 Oct 11 (Sat)	21:34 61	03:20 79N	10:08 299
2025 Oct 12 (Sun)	22:37 61	04:23 77N	11:14 300
2025 Oct 13 (Mon)	23:40 63	05:26 78N	12:14 298
2025 Oct 14 (Tue)		06:25 80N	13:08 296
2025 Oct 15 (Wed)	00:40 66	07:19 84N	13:55 291
2025 Oct 16 (Thu)	01:37 71	08:09 89N	14:37 286
2025 Oct 17 (Fri)	02:29 77	08:54 87S	15:15 280
2025 Oct 18 (Sat)	03:19 83	09:36 81S	15:50 274
2025 Oct 19 (Sun)	04:06 89	10:17 75S	16:24 268
2025 Oct 20 (Mon)	04:53 96	10:57 69S	16:58 262
2025 Oct 21 (Tue)	05:40 101	11:38 63S	17:32 256
2025 Oct 22 (Wed)	06:28 107	12:20 58S	18:09 251
2025 Oct 23 (Thu)	07:18 112	13:05 53S	18:49 246
2025 Oct 24 (Fri)	08:09 115	13:52 50S	19:33 243
2025 Oct 25 (Sat)	09:02 118	14:41 48S	20:20 241
2025 Oct 26 (Sun)	09:54 119	15:33 47S	21:10 240
2025 Oct 27 (Mon)	10:46 119	16:25 47S	22:04 241
2025 Oct 28 (Tue)	11:36 118	17:16 49S	22:59 244
2025 Oct 29 (Wed)	12:23 115	18:07 52S	23:53 247
2025 Oct 30 (Thu)	13:07 110	18:56 57S	
2025 Oct 31 (Fri)	13:48 105	19:43 63S	00:48 252
2025 Nov 01 (Sat)	14:28 98	20:31 69S	01:42 258
2025 Nov 02 (Sun)	15:08 91	21:18 76S	02:37 265
2025 Nov 03 (Mon)	15:49 84	22:08 83S	03:32 273
2025 Nov 04 (Tue)	16:33 77	23:01 90S	04:31 280
2025 Nov 05 (Wed)	17:22 70	23:58 85N	05:32 287
2025 Nov 06 (Thu)	18:16 65		06:38 293
2025 Nov 07 (Fri)	19:17 62	01:00 80N	07:47 297
2025 Nov 08 (Sat)	20:22 61	02:06 78N	08:57 299
2025 Nov 09 (Sun)	21:28 62	03:12 77N	10:02 299

2025 Nov 10 (Mon)	22:31 65	04:15 79N	11:00 297
2025 Nov 11 (Tue)	23:31 70	05:13 83N	11:52 293
2025 Nov 12 (Wed)		06:05 87N	12:36 287
2025 Nov 13 (Thu)	00:25 75	06:52 88S	13:15 282
2025 Nov 14 (Fri)	01:16 81	07:36 83S	13:51 276
2025 Nov 15 (Sat)	02:04 87	08:17 76S	14:26 269
2025 Nov 16 (Sun)	02:51 94	08:57 70S	14:59 263
2025 Nov 17 (Mon)	03:38 100	09:37 65S	15:33 258
2025 Nov 18 (Tue)	04:25 105	10:19 59S	16:09 252
2025 Nov 19 (Wed)	05:14 110	11:02 55S	16:48 248
2025 Nov 20 (Thu)	06:04 114	11:48 51S	17:30 244
2025 Nov 21 (Fri)	06:57 117	12:37 48S	18:17 242
2025 Nov 22 (Sat)	07:50 119	13:28 47S	19:06 241
2025 Nov 23 (Sun)	08:42 119	14:20 47S	19:59 241
2025 Nov 24 (Mon)	09:32 118	15:12 49S	20:53 243
2025 Nov 25 (Tue)	10:19 115	16:02 51S	21:47 246
2025 Nov 26 (Wed)	11:03 112	16:51 55S	22:41 251
2025 Nov 27 (Thu)	11:44 107	17:37 61S	23:33 256
2025 Nov 28 (Fri)	12:24 101	18:23 67S	
2025 Nov 29 (Sat)	13:02 94	19:08 73S	00:26 262
2025 Nov 30 (Sun)	13:41 87	19:55 80S	01:18 269
2025 Dec 01 (Mon)	14:22 80	20:44 87S	02:13 276
2025 Dec 02 (Tue)	15:07 73	21:38 88N	03:11 283
2025 Dec 03 (Wed)	15:57 68	22:37 83N	04:14 290
2025 Dec 04 (Thu)	16:55 63	23:42 79N	05:21 295
2025 Dec 05 (Fri)	17:59 61		06:31 298
2025 Dec 06 (Sat)	19:06 61	00:49 77N	07:40 299
2025 Dec 07 (Sun)	20:14 64	01:56 78N	08:44 298
2025 Dec 08 (Mon)	21:17 68	02:59 81N	09:40 294
2025 Dec 09 (Tue)	22:16 73	03:55 85N	10:29 289
2025 Dec 10 (Wed)	23:10 79	04:46 91S	11:12 284
2025 Dec 11 (Thu)	24:00 86	05:32 84S	11:50 278
2025 Dec 12 (Fri)		06:15 78S	12:26 271
2025 Dec 13 (Sat)	00:48 92	06:55 72S	13:00 265
2025 Dec 14 (Sun)	01:35 98	07:36 66S	13:34 259
2025 Dec 15 (Mon)	02:22 104	08:17 61S	14:09 254
2025 Dec 16 (Tue)	03:10 109	09:00 56S	14:47 249
2025 Dec 17 (Wed)	04:00 113	09:45 52S	15:28 245
2025 Dec 18 (Thu)	04:52 116	10:33 49S	16:13 242
2025 Dec 19 (Fri)	05:45 119	11:24 47S	17:02 241
2025 Dec 20 (Sat)	06:38 119	12:16 47S	17:55 241
2025 Dec 21 (Sun)	07:29 119	13:08 48S	18:49 242
2025 Dec 22 (Mon)	08:17 116	13:59 51S	19:43 245
2025 Dec 23 (Tue)	09:02 113	14:49 54S	20:37 249
2025 Dec 24 (Wed)	09:44 108	15:35 59S	21:30 255
2025 Dec 25 (Thu)	10:23 102	16:21 65S	22:21 261
2025 Dec 26 (Fri)	11:01 96	17:05 71S	23:12 267
2025 Dec 27 (Sat)	11:38 89	17:49 78S	
2025 Dec 28 (Sun)	12:17 83	18:36 84S	00:05 274
2025 Dec 29 (Mon)	12:58 76	19:26 91N	00:59 281
2025 Dec 30 (Tue)	13:44 70	20:20 85N	01:57 287
2025 Dec 31 (Wed)	14:36 65	21:20 80N	03:00 293