

Sun

Kanchanaburi

Location: E 99°30'10.8", N14°02'06.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit	Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m	°	h m	°	h m
2024	Jan	01 (Mon)	05:56	06:46	114	12:25	54S	18:05	246	18:54
2024	Jan	02 (Tue)	05:56	06:46	114	12:26	54S	18:05	247	18:55
2024	Jan	03 (Wed)	05:57	06:46	113	12:26	54S	18:06	247	18:55
2024	Jan	04 (Thu)	05:57	06:47	113	12:27	54S	18:06	247	18:56
2024	Jan	05 (Fri)	05:58	06:47	113	12:27	54S	18:07	247	18:57
2024	Jan	06 (Sat)	05:58	06:48	113	12:27	54S	18:08	247	18:57
2024	Jan	07 (Sun)	05:58	06:48	113	12:28	54S	18:08	247	18:58
2024	Jan	08 (Mon)	05:59	06:48	113	12:28	54S	18:09	247	18:58
2024	Jan	09 (Tue)	05:59	06:48	113	12:29	55S	18:09	247	18:59
2024	Jan	10 (Wed)	05:59	06:49	113	12:29	55S	18:10	248	18:59
2024	Jan	11 (Thu)	06:00	06:49	112	12:30	55S	18:10	248	19:00
2024	Jan	12 (Fri)	06:00	06:49	112	12:30	55S	18:11	248	19:00
2024	Jan	13 (Sat)	06:00	06:49	112	12:30	55S	18:12	248	19:01
2024	Jan	14 (Sun)	06:00	06:49	112	12:31	55S	18:12	248	19:01
2024	Jan	15 (Mon)	06:01	06:50	112	12:31	55S	18:13	248	19:02
2024	Jan	16 (Tue)	06:01	06:50	112	12:31	56S	18:13	249	19:02
2024	Jan	17 (Wed)	06:01	06:50	111	12:32	56S	18:14	249	19:03
2024	Jan	18 (Thu)	06:01	06:50	111	12:32	56S	18:14	249	19:03
2024	Jan	19 (Fri)	06:01	06:50	111	12:32	56S	18:15	249	19:04
2024	Jan	20 (Sat)	06:01	06:50	111	12:33	56S	18:15	249	19:04
2024	Jan	21 (Sun)	06:02	06:50	110	12:33	57S	18:16	250	19:05
2024	Jan	22 (Mon)	06:02	06:50	110	12:33	57S	18:17	250	19:05
2024	Jan	23 (Tue)	06:02	06:50	110	12:34	57S	18:17	250	19:06
2024	Jan	24 (Wed)	06:02	06:50	110	12:34	57S	18:18	250	19:06
2024	Jan	25 (Thu)	06:02	06:50	110	12:34	58S	18:18	251	19:06
2024	Jan	26 (Fri)	06:02	06:50	109	12:34	58S	18:19	251	19:07
2024	Jan	27 (Sat)	06:02	06:50	109	12:35	58S	18:19	251	19:07
2024	Jan	28 (Sun)	06:02	06:50	109	12:35	58S	18:20	251	19:08
2024	Jan	29 (Mon)	06:02	06:50	108	12:35	59S	18:20	252	19:08
2024	Jan	30 (Tue)	06:02	06:50	108	12:35	59S	18:20	252	19:09
2024	Jan	31 (Wed)	06:02	06:50	108	12:35	59S	18:21	252	19:09
2024	Feb	01 (Thu)	06:02	06:50	108	12:35	59S	18:21	252	19:09
2024	Feb	02 (Fri)	06:02	06:49	107	12:36	60S	18:22	253	19:10
2024	Feb	03 (Sat)	06:01	06:49	107	12:36	60S	18:22	253	19:10
2024	Feb	04 (Sun)	06:01	06:49	107	12:36	60S	18:23	253	19:10
2024	Feb	05 (Mon)	06:01	06:49	106	12:36	61S	18:23	254	19:11
2024	Feb	06 (Tue)	06:01	06:49	106	12:36	61S	18:23	254	19:11
2024	Feb	07 (Wed)	06:01	06:48	106	12:36	61S	18:24	254	19:11
2024	Feb	08 (Thu)	06:01	06:48	105	12:36	62S	18:24	255	19:12
2024	Feb	09 (Fri)	06:00	06:48	105	12:36	62S	18:25	255	19:12
2024	Feb	10 (Sat)	06:00	06:48	105	12:36	62S	18:25	255	19:12
2024	Feb	11 (Sun)	06:00	06:47	104	12:36	62S	18:25	256	19:13
2024	Feb	12 (Mon)	06:00	06:47	104	12:36	63S	18:26	256	19:13
2024	Feb	13 (Tue)	05:59	06:47	104	12:36	63S	18:26	256	19:13
2024	Feb	14 (Wed)	05:59	06:46	103	12:36	63S	18:26	257	19:13
2024	Feb	15 (Thu)	05:59	06:46	103	12:36	64S	18:27	257	19:14
2024	Feb	16 (Fri)	05:58	06:45	103	12:36	64S	18:27	257	19:14
2024	Feb	17 (Sat)	05:58	06:45	102	12:36	65S	18:27	258	19:14
2024	Feb	18 (Sun)	05:58	06:45	102	12:36	65S	18:28	258	19:14
2024	Feb	19 (Mon)	05:57	06:44	102	12:36	65S	18:28	258	19:15
2024	Feb	20 (Tue)	05:57	06:44	101	12:36	66S	18:28	259	19:15
2024	Feb	21 (Wed)	05:56	06:43	101	12:36	66S	18:28	259	19:15
2024	Feb	22 (Thu)	05:56	06:43	101	12:36	66S	18:29	260	19:15
2024	Feb	23 (Fri)	05:56	06:42	100	12:35	67S	18:29	260	19:15
2024	Feb	24 (Sat)	05:55	06:42	100	12:35	67S	18:29	260	19:16
2024	Feb	25 (Sun)	05:55	06:41	99	12:35	67S	18:29	261	19:16
2024	Feb	26 (Mon)	05:54	06:41	99	12:35	68S	18:30	261	19:16
2024	Feb	27 (Tue)	05:54	06:40	99	12:35	68S	18:30	262	19:16
2024	Feb	28 (Wed)	05:53	06:40	98	12:35	69S	18:30	262	19:16
2024	Feb	29 (Thu)	05:53	06:39	98	12:34	69S	18:30	262	19:16

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

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

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

2024	Oct	03	(Thu)	05:26	06:12	94	12:11	73S	18:10	266	18:56
2024	Oct	04	(Fri)	05:26	06:12	94	12:11	72S	18:09	265	18:55
2024	Oct	05	(Sat)	05:26	06:12	95	12:10	72S	18:09	265	18:55
2024	Oct	06	(Sun)	05:26	06:12	95	12:10	71S	18:08	265	18:54
2024	Oct	07	(Mon)	05:26	06:12	96	12:10	71S	18:07	264	18:53
2024	Oct	08	(Tue)	05:26	06:12	96	12:09	71S	18:07	264	18:53
2024	Oct	09	(Wed)	05:26	06:12	96	12:09	70S	18:06	263	18:52
2024	Oct	10	(Thu)	05:26	06:12	97	12:09	70S	18:05	263	18:52
2024	Oct	11	(Fri)	05:26	06:12	97	12:09	69S	18:05	263	18:51
2024	Oct	12	(Sat)	05:26	06:13	98	12:08	69S	18:04	262	18:50
2024	Oct	13	(Sun)	05:26	06:13	98	12:08	69S	18:03	262	18:50
2024	Oct	14	(Mon)	05:26	06:13	98	12:08	68S	18:03	262	18:49
2024	Oct	15	(Tue)	05:27	06:13	99	12:08	68S	18:02	261	18:49
2024	Oct	16	(Wed)	05:27	06:13	99	12:07	68S	18:02	261	18:48
2024	Oct	17	(Thu)	05:27	06:13	99	12:07	67S	18:01	260	18:48
2024	Oct	18	(Fri)	05:27	06:13	100	12:07	67S	18:01	260	18:47
2024	Oct	19	(Sat)	05:27	06:14	100	12:07	67S	18:00	260	18:47
2024	Oct	20	(Sun)	05:27	06:14	101	12:07	66S	17:59	259	18:46
2024	Oct	21	(Mon)	05:27	06:14	101	12:07	66S	17:59	259	18:46
2024	Oct	22	(Tue)	05:27	06:14	101	12:06	65S	17:58	259	18:45
2024	Oct	23	(Wed)	05:28	06:14	102	12:06	65S	17:58	258	18:45
2024	Oct	24	(Thu)	05:28	06:15	102	12:06	65S	17:57	258	18:44
2024	Oct	25	(Fri)	05:28	06:15	102	12:06	64S	17:57	257	18:44
2024	Oct	26	(Sat)	05:28	06:15	103	12:06	64S	17:57	257	18:43
2024	Oct	27	(Sun)	05:28	06:15	103	12:06	64S	17:56	257	18:43
2024	Oct	28	(Mon)	05:29	06:16	103	12:06	63S	17:56	256	18:43
2024	Oct	29	(Tue)	05:29	06:16	104	12:06	63S	17:55	256	18:42
2024	Oct	30	(Wed)	05:29	06:16	104	12:06	63S	17:55	256	18:42
2024	Oct	31	(Thu)	05:29	06:17	104	12:06	62S	17:54	255	18:42
2024	Nov	01	(Fri)	05:30	06:17	105	12:06	62S	17:54	255	18:41
2024	Nov	02	(Sat)	05:30	06:17	105	12:06	62S	17:54	255	18:41
2024	Nov	03	(Sun)	05:30	06:17	105	12:06	61S	17:53	254	18:41
2024	Nov	04	(Mon)	05:30	06:18	106	12:06	61S	17:53	254	18:41
2024	Nov	05	(Tue)	05:31	06:18	106	12:06	61S	17:53	254	18:40
2024	Nov	06	(Wed)	05:31	06:19	106	12:06	61S	17:53	254	18:40
2024	Nov	07	(Thu)	05:31	06:19	107	12:06	60S	17:52	253	18:40
2024	Nov	08	(Fri)	05:31	06:19	107	12:06	60S	17:52	253	18:40
2024	Nov	09	(Sat)	05:32	06:20	107	12:06	60S	17:52	253	18:40
2024	Nov	10	(Sun)	05:32	06:20	108	12:06	59S	17:52	252	18:40
2024	Nov	11	(Mon)	05:32	06:20	108	12:06	59S	17:51	252	18:40
2024	Nov	12	(Tue)	05:33	06:21	108	12:06	59S	17:51	252	18:39
2024	Nov	13	(Wed)	05:33	06:21	108	12:06	59S	17:51	251	18:39
2024	Nov	14	(Thu)	05:33	06:22	109	12:06	58S	17:51	251	18:39
2024	Nov	15	(Fri)	05:34	06:22	109	12:07	58S	17:51	251	18:39
2024	Nov	16	(Sat)	05:34	06:23	109	12:07	58S	17:51	251	18:39
2024	Nov	17	(Sun)	05:35	06:23	109	12:07	58S	17:51	250	18:39
2024	Nov	18	(Mon)	05:35	06:24	110	12:07	57S	17:51	250	18:39
2024	Nov	19	(Tue)	05:35	06:24	110	12:07	57S	17:51	250	18:39
2024	Nov	20	(Wed)	05:36	06:25	110	12:08	57S	17:51	250	18:39
2024	Nov	21	(Thu)	05:36	06:25	110	12:08	57S	17:51	250	18:39
2024	Nov	22	(Fri)	05:37	06:25	111	12:08	56S	17:51	249	18:39
2024	Nov	23	(Sat)	05:37	06:26	111	12:08	56S	17:51	249	18:40
2024	Nov	24	(Sun)	05:38	06:27	111	12:09	56S	17:51	249	18:40
2024	Nov	25	(Mon)	05:38	06:27	111	12:09	56S	17:51	249	18:40
2024	Nov	26	(Tue)	05:39	06:28	111	12:09	56S	17:51	248	18:40
2024	Nov	27	(Wed)	05:39	06:28	112	12:10	55S	17:51	248	18:40
2024	Nov	28	(Thu)	05:39	06:29	112	12:10	55S	17:51	248	18:40
2024	Nov	29	(Fri)	05:40	06:29	112	12:10	55S	17:51	248	18:41
2024	Nov	30	(Sat)	05:40	06:30	112	12:11	55S	17:52	248	18:41
2024	Dec	01	(Sun)	05:41	06:30	112	12:11	55S	17:52	248	18:41
2024	Dec	02	(Mon)	05:41	06:31	112	12:11	55S	17:52	247	18:41
2024	Dec	03	(Tue)	05:42	06:31	113	12:12	55S	17:52	247	18:42
2024	Dec	04	(Wed)	05:42	06:32	113	12:12	54S	17:53	247	18:42
2024	Dec	05	(Thu)	05:43	06:32	113	12:13	54S	17:53	247	18:42
2024	Dec	06	(Fri)	05:43	06:33	113	12:13	54S	17:53	247	18:43
2024	Dec	07	(Sat)	05:44	06:34	113	12:14	54S	17:53	247	18:43
2024	Dec	08	(Sun)	05:45	06:34	113	12:14	54S	17:54	247	18:43
2024	Dec	09	(Mon)	05:45	06:35	113	12:14	54S	17:54	247	18:44
2024	Dec	10	(Tue)	05:46	06:35	113	12:15	54S	17:54	247	18:44
2024	Dec	11	(Wed)	05:46	06:36	114	12:15	54S	17:55	246	18:45
2024	Dec	12	(Thu)	05:47	06:36	114	12:16	54S	17:55	246	18:45
2024	Dec	13	(Fri)	05:47	06:37	114	12:16	53S	17:56	246	18:45

2024	Dec	14	(Sat)	05:48	06:37	114	12:17	53S	17:56	246	18:46
2024	Dec	15	(Sun)	05:48	06:38	114	12:17	53S	17:56	246	18:46
2024	Dec	16	(Mon)	05:49	06:39	114	12:18	53S	17:57	246	18:47
2024	Dec	17	(Tue)	05:49	06:39	114	12:18	53S	17:57	246	18:47
2024	Dec	18	(Wed)	05:50	06:40	114	12:19	53S	17:58	246	18:48
2024	Dec	19	(Thu)	05:50	06:40	114	12:19	53S	17:58	246	18:48
2024	Dec	20	(Fri)	05:51	06:41	114	12:20	53S	17:59	246	18:49
2024	Dec	21	(Sat)	05:51	06:41	114	12:20	53S	17:59	246	18:49
2024	Dec	22	(Sun)	05:52	06:42	114	12:21	53S	18:00	246	18:50
2024	Dec	23	(Mon)	05:52	06:42	114	12:21	53S	18:00	246	18:50
2024	Dec	24	(Tue)	05:53	06:43	114	12:22	53S	18:01	246	18:51
2024	Dec	25	(Wed)	05:53	06:43	114	12:22	53S	18:01	246	18:51
2024	Dec	26	(Thu)	05:54	06:44	114	12:23	53S	18:02	246	18:52
2024	Dec	27	(Fri)	05:54	06:44	114	12:23	53S	18:02	246	18:52
2024	Dec	28	(Sat)	05:55	06:44	114	12:24	53S	18:03	246	18:53
2024	Dec	29	(Sun)	05:55	06:45	114	12:24	53S	18:03	246	18:53
2024	Dec	30	(Mon)	05:55	06:45	114	12:25	54S	18:04	246	18:54
2024	Dec	31	(Tue)	05:56	06:46	114	12:25	54S	18:05	246	18:54

Sun

Kanchanaburi

Location: E 99°30'10.8", N14°02'06.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

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

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

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

2024	Sep	14	(Sat)	05:49	06:11	86	12:17	80S	18:24	273	18:45
2024	Sep	15	(Sun)	05:50	06:11	87	12:17	80S	18:23	273	18:45
2024	Sep	16	(Mon)	05:50	06:11	87	12:17	79S	18:22	273	18:44
2024	Sep	17	(Tue)	05:50	06:11	88	12:16	79S	18:22	272	18:43
2024	Sep	18	(Wed)	05:50	06:11	88	12:16	78S	18:21	272	18:42
2024	Sep	19	(Thu)	05:50	06:11	88	12:16	78S	18:20	271	18:42
2024	Sep	20	(Fri)	05:50	06:11	89	12:15	78S	18:19	271	18:41
2024	Sep	21	(Sat)	05:50	06:11	89	12:15	77S	18:19	271	18:40
2024	Sep	22	(Sun)	05:50	06:11	90	12:15	77S	18:18	270	18:39
2024	Sep	23	(Mon)	05:50	06:11	90	12:14	76S	18:17	270	18:39
2024	Sep	24	(Tue)	05:50	06:11	90	12:14	76S	18:16	269	18:38
2024	Sep	25	(Wed)	05:50	06:11	91	12:14	76S	18:16	269	18:37
2024	Sep	26	(Thu)	05:50	06:11	91	12:13	75S	18:15	269	18:36
2024	Sep	27	(Fri)	05:50	06:11	92	12:13	75S	18:14	268	18:36
2024	Sep	28	(Sat)	05:50	06:11	92	12:13	74S	18:14	268	18:35
2024	Sep	29	(Sun)	05:50	06:11	92	12:12	74S	18:13	267	18:34
2024	Sep	30	(Mon)	05:50	06:11	93	12:12	74S	18:12	267	18:33
2024	Oct	01	(Tue)	05:50	06:12	93	12:12	73S	18:11	267	18:33
2024	Oct	02	(Wed)	05:50	06:12	94	12:11	73S	18:11	266	18:32
2024	Oct	03	(Thu)	05:50	06:12	94	12:11	73S	18:10	266	18:31
2024	Oct	04	(Fri)	05:50	06:12	94	12:11	72S	18:09	265	18:31
2024	Oct	05	(Sat)	05:50	06:12	95	12:10	72S	18:09	265	18:30
2024	Oct	06	(Sun)	05:51	06:12	95	12:10	71S	18:08	265	18:29
2024	Oct	07	(Mon)	05:51	06:12	96	12:10	71S	18:07	264	18:29
2024	Oct	08	(Tue)	05:51	06:12	96	12:09	71S	18:07	264	18:28
2024	Oct	09	(Wed)	05:51	06:12	96	12:09	70S	18:06	263	18:27
2024	Oct	10	(Thu)	05:51	06:12	97	12:09	70S	18:05	263	18:27
2024	Oct	11	(Fri)	05:51	06:12	97	12:09	69S	18:05	262	18:26
2024	Oct	12	(Sat)	05:51	06:13	98	12:08	69S	18:04	262	18:26
2024	Oct	13	(Sun)	05:51	06:13	98	12:08	69S	18:03	262	18:25
2024	Oct	14	(Mon)	05:51	06:13	98	12:08	68S	18:03	262	18:24
2024	Oct	15	(Tue)	05:51	06:13	99	12:08	68S	18:02	261	18:24
2024	Oct	16	(Wed)	05:52	06:13	99	12:07	68S	18:02	261	18:23
2024	Oct	17	(Thu)	05:52	06:13	99	12:07	67S	18:01	260	18:23
2024	Oct	18	(Fri)	05:52	06:13	100	12:07	67S	18:01	260	18:22
2024	Oct	19	(Sat)	05:52	06:14	100	12:07	67S	18:00	260	18:22
2024	Oct	20	(Sun)	05:52	06:14	101	12:07	66S	17:59	259	18:21
2024	Oct	21	(Mon)	05:52	06:14	101	12:07	66S	17:59	259	18:21
2024	Oct	22	(Tue)	05:53	06:14	101	12:06	65S	17:58	259	18:20
2024	Oct	23	(Wed)	05:53	06:14	102	12:06	65S	17:58	258	18:20
2024	Oct	24	(Thu)	05:53	06:15	102	12:06	65S	17:57	258	18:19
2024	Oct	25	(Fri)	05:53	06:15	102	12:06	64S	17:57	257	18:19
2024	Oct	26	(Sat)	05:53	06:15	103	12:06	64S	17:57	257	18:18
2024	Oct	27	(Sun)	05:54	06:15	103	12:06	64S	17:56	257	18:18
2024	Oct	28	(Mon)	05:54	06:16	103	12:06	63S	17:56	256	18:17
2024	Oct	29	(Tue)	05:54	06:16	104	12:06	63S	17:55	256	18:17
2024	Oct	30	(Wed)	05:54	06:16	104	12:06	63S	17:55	256	18:17
2024	Oct	31	(Thu)	05:55	06:17	104	12:06	62S	17:54	255	18:16
2024	Nov	01	(Fri)	05:55	06:17	105	12:06	62S	17:54	255	18:16
2024	Nov	02	(Sat)	05:55	06:17	105	12:06	62S	17:54	255	18:16
2024	Nov	03	(Sun)	05:55	06:17	105	12:06	61S	17:53	254	18:15
2024	Nov	04	(Mon)	05:56	06:18	106	12:06	61S	17:53	254	18:15
2024	Nov	05	(Tue)	05:56	06:18	106	12:06	61S	17:53	254	18:15
2024	Nov	06	(Wed)	05:56	06:19	106	12:06	61S	17:53	254	18:15
2024	Nov	07	(Thu)	05:57	06:19	107	12:06	60S	17:52	253	18:14
2024	Nov	08	(Fri)	05:57	06:19	107	12:06	60S	17:52	253	18:14
2024	Nov	09	(Sat)	05:57	06:20	107	12:06	60S	17:52	253	18:14
2024	Nov	10	(Sun)	05:58	06:20	108	12:06	59S	17:52	252	18:14
2024	Nov	11	(Mon)	05:58	06:20	108	12:06	59S	17:51	252	18:14
2024	Nov	12	(Tue)	05:59	06:21	108	12:06	59S	17:51	252	18:14
2024	Nov	13	(Wed)	05:59	06:21	108	12:06	59S	17:51	251	18:14
2024	Nov	14	(Thu)	05:59	06:22	109	12:06	58S	17:51	251	18:13
2024	Nov	15	(Fri)	06:00	06:22	109	12:07	58S	17:51	251	18:13
2024	Nov	16	(Sat)	06:00	06:23	109	12:07	58S	17:51	251	18:13
2024	Nov	17	(Sun)	06:01	06:23	109	12:07	58S	17:51	250	18:13
2024	Nov	18	(Mon)	06:01	06:24	110	12:07	57S	17:51	250	18:13
2024	Nov	19	(Tue)	06:01	06:24	110	12:07	57S	17:51	250	18:13
2024	Nov	20	(Wed)	06:02	06:25	110	12:08	57S	17:51	250	18:13
2024	Nov	21	(Thu)	06:02	06:25	110	12:08	57S	17:51	250	18:13
2024	Nov	22	(Fri)	06:03	06:25	111	12:08	56S	17:51	249	18:13
2024	Nov	23	(Sat)	06:03	06:26	111	12:08	56S	17:51	249	18:13
2024	Nov	24	(Sun)	06:04	06:27	111	12:09	56S	17:51	249	18:14

2024	Nov	25	(Mon)	06:04	06:27	111	12:09	56S	17:51	249	18:14
2024	Nov	26	(Tue)	06:05	06:28	111	12:09	56S	17:51	248	18:14
2024	Nov	27	(Wed)	06:05	06:28	112	12:10	55S	17:51	248	18:14
2024	Nov	28	(Thu)	06:06	06:29	112	12:10	55S	17:51	248	18:14
2024	Nov	29	(Fri)	06:06	06:29	112	12:10	55S	17:51	248	18:14
2024	Nov	30	(Sat)	06:07	06:30	112	12:11	55S	17:52	248	18:15
2024	Dec	01	(Sun)	06:07	06:30	112	12:11	55S	17:52	248	18:15
2024	Dec	02	(Mon)	06:08	06:31	112	12:11	55S	17:52	247	18:15
2024	Dec	03	(Tue)	06:08	06:31	113	12:12	55S	17:52	247	18:15
2024	Dec	04	(Wed)	06:09	06:32	113	12:12	54S	17:53	247	18:16
2024	Dec	05	(Thu)	06:09	06:32	113	12:13	54S	17:53	247	18:16
2024	Dec	06	(Fri)	06:10	06:33	113	12:13	54S	17:53	247	18:16
2024	Dec	07	(Sat)	06:11	06:34	113	12:14	54S	17:53	247	18:16
2024	Dec	08	(Sun)	06:11	06:34	113	12:14	54S	17:54	247	18:17
2024	Dec	09	(Mon)	06:12	06:35	113	12:14	54S	17:54	247	18:17
2024	Dec	10	(Tue)	06:12	06:35	113	12:15	54S	17:54	247	18:17
2024	Dec	11	(Wed)	06:13	06:36	114	12:15	54S	17:55	246	18:18
2024	Dec	12	(Thu)	06:13	06:36	114	12:16	54S	17:55	246	18:18
2024	Dec	13	(Fri)	06:14	06:37	114	12:16	53S	17:56	246	18:19
2024	Dec	14	(Sat)	06:14	06:37	114	12:17	53S	17:56	246	18:19
2024	Dec	15	(Sun)	06:15	06:38	114	12:17	53S	17:56	246	18:20
2024	Dec	16	(Mon)	06:15	06:39	114	12:18	53S	17:57	246	18:20
2024	Dec	17	(Tue)	06:16	06:39	114	12:18	53S	17:57	246	18:20
2024	Dec	18	(Wed)	06:16	06:40	114	12:19	53S	17:58	246	18:21
2024	Dec	19	(Thu)	06:17	06:40	114	12:19	53S	17:58	246	18:21
2024	Dec	20	(Fri)	06:17	06:41	114	12:20	53S	17:59	246	18:22
2024	Dec	21	(Sat)	06:18	06:41	114	12:20	53S	17:59	246	18:22
2024	Dec	22	(Sun)	06:18	06:42	114	12:21	53S	18:00	246	18:23
2024	Dec	23	(Mon)	06:19	06:42	114	12:21	53S	18:00	246	18:23
2024	Dec	24	(Tue)	06:19	06:43	114	12:22	53S	18:01	246	18:24
2024	Dec	25	(Wed)	06:20	06:43	114	12:22	53S	18:01	246	18:24
2024	Dec	26	(Thu)	06:20	06:44	114	12:23	53S	18:02	246	18:25
2024	Dec	27	(Fri)	06:21	06:44	114	12:23	53S	18:02	246	18:25
2024	Dec	28	(Sat)	06:21	06:44	114	12:24	53S	18:03	246	18:26
2024	Dec	29	(Sun)	06:22	06:45	114	12:24	53S	18:03	246	18:27
2024	Dec	30	(Mon)	06:22	06:45	114	12:25	54S	18:04	246	18:27
2024	Dec	31	(Tue)	06:23	06:46	114	12:25	54S	18:05	246	18:28

Moon

Kanchanaburi

Location: E 99°30'10.8", N14°02'06.0", 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)	22:34	80	04:13	90S	10:35	282
2024	Jan	02	(Tue)	23:20	86	04:54	84S	11:10	277
2024	Jan	03	(Wed)			05:33	79S	11:43	271
2024	Jan	04	(Thu)	00:05	92	06:12	73S	12:16	265
2024	Jan	05	(Fri)	00:51	98	06:52	67S	12:51	259
2024	Jan	06	(Sat)	01:39	104	07:35	61S	13:29	253
2024	Jan	07	(Sun)	02:30	109	08:22	56S	14:11	248
2024	Jan	08	(Mon)	03:26	114	09:14	52S	14:59	244
2024	Jan	09	(Tue)	04:26	117	10:11	49S	15:54	242
2024	Jan	10	(Wed)	05:29	119	11:12	48S	16:55	241
2024	Jan	11	(Thu)	06:32	119	12:16	49S	18:01	242
2024	Jan	12	(Fri)	07:33	116	13:19	52S	19:07	246
2024	Jan	13	(Sat)	08:28	112	14:18	56S	20:12	251
2024	Jan	14	(Sun)	09:17	106	15:14	62S	21:13	257
2024	Jan	15	(Mon)	10:02	99	16:05	69S	22:11	264
2024	Jan	16	(Tue)	10:45	92	16:54	76S	23:07	272
2024	Jan	17	(Wed)	11:25	85	17:42	83S		
2024	Jan	18	(Thu)	12:06	78	18:30	90S	00:02	279
2024	Jan	19	(Fri)	12:49	72	19:19	86N	00:57	285
2024	Jan	20	(Sat)	13:34	67	20:11	81N	01:53	291
2024	Jan	21	(Sun)	14:23	64	21:05	78N	02:50	295
2024	Jan	22	(Mon)	15:15	61	22:00	77N	03:48	298
2024	Jan	23	(Tue)	16:10	61	22:55	76N	04:45	299

2024	Jan	24	(Wed)	17:05	62	23:48	78N	05:39	299
2024	Jan	25	(Thu)	18:00	65			06:30	297
2024	Jan	26	(Fri)	18:52	69	00:39	81N	07:15	293
2024	Jan	27	(Sat)	19:42	73	01:26	85N	07:56	289
2024	Jan	28	(Sun)	20:29	79	02:09	90N	08:34	284
2024	Jan	29	(Mon)	21:15	84	02:51	86S	09:09	279
2024	Jan	30	(Tue)	22:00	90	03:30	81S	09:42	273
2024	Jan	31	(Wed)	22:45	96	04:09	75S	10:15	267
2024	Feb	01	(Thu)	23:31	102	04:48	69S	10:49	261
2024	Feb	02	(Fri)			05:29	63S	11:24	255
2024	Feb	03	(Sat)	00:20	107	06:13	58S	12:04	250
2024	Feb	04	(Sun)	01:13	112	07:01	54S	12:48	246
2024	Feb	05	(Mon)	02:09	116	07:54	50S	13:38	243
2024	Feb	06	(Tue)	03:09	119	08:52	48S	14:35	241
2024	Feb	07	(Wed)	04:12	119	09:54	48S	15:38	241
2024	Feb	08	(Thu)	05:13	118	10:58	50S	16:44	244
2024	Feb	09	(Fri)	06:11	114	11:59	54S	17:50	248
2024	Feb	10	(Sat)	07:04	109	12:58	59S	18:55	254
2024	Feb	11	(Sun)	07:53	102	13:53	66S	19:56	261
2024	Feb	12	(Mon)	08:37	95	14:44	73S	20:55	269
2024	Feb	13	(Tue)	09:20	88	15:34	81S	21:52	276
2024	Feb	14	(Wed)	10:02	80	16:24	88S	22:49	283
2024	Feb	15	(Thu)	10:46	74	17:14	87N	23:47	289
2024	Feb	16	(Fri)	11:31	68	18:07	82N		
2024	Feb	17	(Sat)	12:20	64	19:00	79N	00:45	294
2024	Feb	18	(Sun)	13:11	62	19:55	77N	01:43	297
2024	Feb	19	(Mon)	14:05	61	20:51	76N	02:41	299
2024	Feb	20	(Tue)	15:00	61	21:44	77N	03:36	299
2024	Feb	21	(Wed)	15:55	64	22:35	80N	04:27	298
2024	Feb	22	(Thu)	16:48	67	23:23	83N	05:13	295
2024	Feb	23	(Fri)	17:38	72			05:56	291
2024	Feb	24	(Sat)	18:26	77	00:07	88N	06:34	286
2024	Feb	25	(Sun)	19:12	82	00:49	88S	07:09	280
2024	Feb	26	(Mon)	19:57	88	01:29	83S	07:43	275
2024	Feb	27	(Tue)	20:42	94	02:08	77S	08:16	269
2024	Feb	28	(Wed)	21:27	100	02:47	71S	08:49	263
2024	Feb	29	(Thu)	22:15	106	03:27	65S	09:24	257
2024	Mar	01	(Fri)	23:05	111	04:09	60S	10:01	252
2024	Mar	02	(Sat)	23:59	115	04:55	55S	10:42	247
2024	Mar	03	(Sun)			05:45	51S	11:29	243
2024	Mar	04	(Mon)	00:56	118	06:39	49S	12:21	241
2024	Mar	05	(Tue)	01:56	119	07:38	48S	13:20	241
2024	Mar	06	(Wed)	02:56	119	08:38	48S	14:22	242
2024	Mar	07	(Thu)	03:54	117	09:39	51S	15:27	245
2024	Mar	08	(Fri)	04:48	112	10:38	56S	16:32	251
2024	Mar	09	(Sat)	05:38	106	11:35	62S	17:34	257
2024	Mar	10	(Sun)	06:25	99	12:28	69S	18:35	265
2024	Mar	11	(Mon)	07:09	91	13:20	77S	19:35	272
2024	Mar	12	(Tue)	07:53	84	14:11	84S	20:34	280
2024	Mar	13	(Wed)	08:37	77	15:03	90N	21:33	287
2024	Mar	14	(Thu)	09:23	70	15:57	84N	22:33	292
2024	Mar	15	(Fri)	10:12	66	16:52	80N	23:34	296
2024	Mar	16	(Sat)	11:04	62	17:48	77N		
2024	Mar	17	(Sun)	11:59	61	18:45	76N	00:34	299
2024	Mar	18	(Mon)	12:55	61	19:40	77N	01:31	299
2024	Mar	19	(Tue)	13:50	63	20:32	79N	02:24	298
2024	Mar	20	(Wed)	14:44	66	21:21	82N	03:12	296
2024	Mar	21	(Thu)	15:34	70	22:06	86N	03:55	292
2024	Mar	22	(Fri)	16:23	75	22:48	90S	04:34	288
2024	Mar	23	(Sat)	17:09	80	23:28	84S	05:11	282
2024	Mar	24	(Sun)	17:54	86			05:45	277
2024	Mar	25	(Mon)	18:39	92	00:08	79S	06:18	271
2024	Mar	26	(Tue)	19:25	98	00:46	73S	06:51	265
2024	Mar	27	(Wed)	20:12	104	01:26	67S	07:25	259
2024	Mar	28	(Thu)	21:01	109	02:08	61S	08:01	253
2024	Mar	29	(Fri)	21:54	114	02:52	56S	08:41	248
2024	Mar	30	(Sat)	22:50	117	03:41	52S	09:26	244
2024	Mar	31	(Sun)	23:47	119	04:33	49S	10:15	242
2024	Apr	01	(Mon)			05:29	48S	11:10	240
2024	Apr	02	(Tue)	00:46	119	06:27	48S	12:10	241
2024	Apr	03	(Wed)	01:43	118	07:26	50S	13:12	244
2024	Apr	04	(Thu)	02:37	114	08:24	54S	14:14	248

2024 Apr 05 (Fri)	03:27 109	09:20 59S	15:16 254
2024 Apr 06 (Sat)	04:13 103	10:13 66S	16:16 261
2024 Apr 07 (Sun)	04:58 96	11:04 73S	17:15 268
2024 Apr 08 (Mon)	05:41 88	11:55 80S	18:13 276
2024 Apr 09 (Tue)	06:25 80	12:47 88S	19:13 283
2024 Apr 10 (Wed)	07:11 73	13:41 87N	20:14 290
2024 Apr 11 (Thu)	07:59 68	14:37 82N	21:17 295
2024 Apr 12 (Fri)	08:52 64	15:35 78N	22:19 298
2024 Apr 13 (Sat)	09:47 61	16:33 76N	23:20 299
2024 Apr 14 (Sun)	10:45 61	17:31 76N	
2024 Apr 15 (Mon)	11:42 62	18:26 78N	00:16 299
2024 Apr 16 (Tue)	12:37 64	19:16 81N	01:07 297
2024 Apr 17 (Wed)	13:29 68	20:03 85N	01:53 294
2024 Apr 18 (Thu)	14:19 73	20:46 90N	02:34 289
2024 Apr 19 (Fri)	15:06 78	21:27 86S	03:11 284
2024 Apr 20 (Sat)	15:51 84	22:07 81S	03:45 279
2024 Apr 21 (Sun)	16:36 90	22:45 75S	04:19 273
2024 Apr 22 (Mon)	17:22 96	23:25 69S	04:52 267
2024 Apr 23 (Tue)	18:08 102		05:25 261
2024 Apr 24 (Wed)	18:57 108	00:06 63S	06:01 255
2024 Apr 25 (Thu)	19:49 112	00:50 58S	06:40 250
2024 Apr 26 (Fri)	20:45 116	01:38 53S	07:24 246
2024 Apr 27 (Sat)	21:42 119	02:29 50S	08:12 242
2024 Apr 28 (Sun)	22:40 120	03:24 48S	09:06 241
2024 Apr 29 (Mon)	23:37 118	04:22 48S	10:04 241
2024 Apr 30 (Tue)		05:20 49S	11:04 243
2024 May 01 (Wed)	00:31 116	06:17 52S	12:05 246
2024 May 02 (Thu)	01:21 111	07:12 57S	13:05 251
2024 May 03 (Fri)	02:08 105	08:04 63S	14:03 258
2024 May 04 (Sat)	02:51 99	08:54 70S	15:01 265
2024 May 05 (Sun)	03:33 91	09:43 77S	15:57 272
2024 May 06 (Mon)	04:15 84	10:33 84S	16:55 280
2024 May 07 (Tue)	04:59 77	11:25 90N	17:55 287
2024 May 08 (Wed)	05:46 71	12:20 84N	18:57 292
2024 May 09 (Thu)	06:37 65	13:17 80N	20:00 297
2024 May 10 (Fri)	07:32 62	14:17 77N	21:03 299
2024 May 11 (Sat)	08:30 61	15:16 76N	22:03 299
2024 May 12 (Sun)	09:29 61	16:14 77N	22:58 298
2024 May 13 (Mon)	10:26 63	17:08 79N	23:47 295
2024 May 14 (Tue)	11:21 67	17:57 83N	
2024 May 15 (Wed)	12:12 71	18:42 88N	00:30 291
2024 May 16 (Thu)	13:01 76	19:24 88S	01:09 286
2024 May 17 (Fri)	13:47 82	20:04 83S	01:45 281
2024 May 18 (Sat)	14:32 88	20:43 77S	02:18 275
2024 May 19 (Sun)	15:17 94	21:22 71S	02:51 269
2024 May 20 (Mon)	16:03 100	22:03 65S	03:25 263
2024 May 21 (Tue)	16:51 106	22:46 60S	04:00 257
2024 May 22 (Wed)	17:42 111	23:32 55S	04:38 252
2024 May 23 (Thu)	18:37 115		05:20 247
2024 May 24 (Fri)	19:35 118	00:23 51S	06:07 243
2024 May 25 (Sat)	20:34 119	01:18 49S	07:00 241
2024 May 26 (Sun)	21:32 119	02:16 48S	07:58 241
2024 May 27 (Mon)	22:28 117	03:15 48S	08:58 242
2024 May 28 (Tue)	23:19 113	04:13 51S	10:00 245
2024 May 29 (Wed)		05:08 55S	11:00 250
2024 May 30 (Thu)	00:06 107	06:00 61S	11:58 256
2024 May 31 (Fri)	00:49 101	06:50 67S	12:54 263
2024 Jun 01 (Sat)	01:31 94	07:38 74S	13:49 270
2024 Jun 02 (Sun)	02:11 87	08:26 82S	14:45 277
2024 Jun 03 (Mon)	02:53 80	09:15 88S	15:42 284
2024 Jun 04 (Tue)	03:37 73	10:07 87N	16:41 290
2024 Jun 05 (Wed)	04:25 68	11:02 82N	17:43 295
2024 Jun 06 (Thu)	05:18 63	12:01 78N	18:45 298
2024 Jun 07 (Fri)	06:14 61	13:00 76N	19:47 299
2024 Jun 08 (Sat)	07:13 61	14:00 76N	20:45 299
2024 Jun 09 (Sun)	08:13 62	14:56 78N	21:37 296
2024 Jun 10 (Mon)	09:09 65	15:48 82N	22:24 293
2024 Jun 11 (Tue)	10:03 69	16:36 86N	23:05 288
2024 Jun 12 (Wed)	10:53 74	17:19 90S	23:42 283
2024 Jun 13 (Thu)	11:40 80	18:00 85S	
2024 Jun 14 (Fri)	12:26 86	18:39 79S	00:17 277
2024 Jun 15 (Sat)	13:11 92	19:18 73S	00:50 271

2024 Jun 16 (Sun)	13:56 98	19:58 67S	01:23 265
2024 Jun 17 (Mon)	14:43 104	20:40 62S	01:57 259
2024 Jun 18 (Tue)	15:33 109	21:24 57S	02:33 254
2024 Jun 19 (Wed)	16:26 113	22:14 53S	03:14 249
2024 Jun 20 (Thu)	17:23 117	23:07 49S	03:59 245
2024 Jun 21 (Fri)	18:23 119		04:50 242
2024 Jun 22 (Sat)	19:23 119	00:05 48S	05:47 241
2024 Jun 23 (Sun)	20:21 117	01:05 48S	06:48 241
2024 Jun 24 (Mon)	21:15 114	02:05 50S	07:51 244
2024 Jun 25 (Tue)	22:04 109	03:02 54S	08:53 248
2024 Jun 26 (Wed)	22:48 103	03:57 59S	09:53 254
2024 Jun 27 (Thu)	23:30 96	04:48 66S	10:50 261
2024 Jun 28 (Fri)		05:36 73S	11:45 268
2024 Jun 29 (Sat)	00:11 89	06:24 80S	12:40 275
2024 Jun 30 (Sun)	00:52 82	07:12 87S	13:35 282
2024 Jul 01 (Mon)	01:34 75	08:02 89N	14:33 288
2024 Jul 02 (Tue)	02:20 69	08:54 83N	15:32 293
2024 Jul 03 (Wed)	03:09 65	09:50 79N	16:33 297
2024 Jul 04 (Thu)	04:03 62	10:48 77N	17:34 299
2024 Jul 05 (Fri)	05:01 61	11:47 76N	18:33 299
2024 Jul 06 (Sat)	06:00 61	12:45 77N	19:28 297
2024 Jul 07 (Sun)	06:58 64	13:38 80N	20:16 294
2024 Jul 08 (Mon)	07:53 68	14:28 84N	21:00 290
2024 Jul 09 (Tue)	08:45 72	15:13 89N	21:39 285
2024 Jul 10 (Wed)	09:33 78	15:56 87S	22:14 279
2024 Jul 11 (Thu)	10:20 84	16:35 81S	22:48 273
2024 Jul 12 (Fri)	11:05 90	17:14 75S	23:21 267
2024 Jul 13 (Sat)	11:49 96	17:53 70S	23:54 262
2024 Jul 14 (Sun)	12:35 101	18:34 64S	
2024 Jul 15 (Mon)	13:23 107	19:17 59S	00:29 256
2024 Jul 16 (Tue)	14:15 112	20:03 54S	01:07 251
2024 Jul 17 (Wed)	15:09 116	20:55 50S	01:50 246
2024 Jul 18 (Thu)	16:08 118	21:50 48S	02:38 243
2024 Jul 19 (Fri)	17:08 119	22:50 48S	03:32 241
2024 Jul 20 (Sat)	18:07 118	23:51 49S	04:32 241
2024 Jul 21 (Sun)	19:04 116		05:35 243
2024 Jul 22 (Mon)	19:56 111	00:51 52S	06:39 246
2024 Jul 23 (Tue)	20:44 105	01:48 57S	07:42 252
2024 Jul 24 (Wed)	21:28 98	02:41 63S	08:42 258
2024 Jul 25 (Thu)	22:10 91	03:32 70S	09:39 266
2024 Jul 26 (Fri)	22:51 83	04:21 78S	10:35 273
2024 Jul 27 (Sat)	23:33 77	05:09 85S	11:31 280
2024 Jul 28 (Sun)		05:59 90N	12:28 287
2024 Jul 29 (Mon)	00:18 71	06:50 84N	13:27 292
2024 Jul 30 (Tue)	01:06 66	07:45 80N	14:27 296
2024 Jul 31 (Wed)	01:58 62	08:42 77N	15:27 299
2024 Aug 01 (Thu)	02:53 61	09:40 76N	16:26 299
2024 Aug 02 (Fri)	03:51 61	10:37 77N	17:21 298
2024 Aug 03 (Sat)	04:49 63	11:31 79N	18:11 296
2024 Aug 04 (Sun)	05:45 66	12:22 83N	18:56 292
2024 Aug 05 (Mon)	06:37 71	13:08 87N	19:36 287
2024 Aug 06 (Tue)	07:27 76	13:52 89S	20:13 281
2024 Aug 07 (Wed)	08:14 82	14:32 83S	20:47 275
2024 Aug 08 (Thu)	09:00 88	15:11 77S	21:20 269
2024 Aug 09 (Fri)	09:44 94	15:50 72S	21:53 264
2024 Aug 10 (Sat)	10:29 99	16:30 66S	22:27 258
2024 Aug 11 (Sun)	11:16 105	17:11 60S	23:03 253
2024 Aug 12 (Mon)	12:05 110	17:55 56S	23:43 248
2024 Aug 13 (Tue)	12:58 114	18:44 52S	
2024 Aug 14 (Wed)	13:53 118	19:36 49S	00:28 244
2024 Aug 15 (Thu)	14:52 119	20:33 48S	01:18 241
2024 Aug 16 (Fri)	15:51 119	21:33 48S	02:15 240
2024 Aug 17 (Sat)	16:49 117	22:33 50S	03:16 241
2024 Aug 18 (Sun)	17:43 113	23:32 55S	04:20 244
2024 Aug 19 (Mon)	18:34 108		05:24 249
2024 Aug 20 (Tue)	19:20 101	00:28 60S	06:26 255
2024 Aug 21 (Wed)	20:04 94	01:21 67S	07:26 262
2024 Aug 22 (Thu)	20:47 86	02:12 75S	08:24 270
2024 Aug 23 (Fri)	21:30 79	03:02 82S	09:22 278
2024 Aug 24 (Sat)	22:15 72	03:53 89S	10:20 285
2024 Aug 25 (Sun)	23:02 67	04:46 86N	11:20 291
2024 Aug 26 (Mon)	23:54 63	05:40 81N	12:21 295

2024 Aug 27 (Tue)		06:37 78N	13:22 298
2024 Aug 28 (Wed)	00:49 61	07:35 76N	14:21 300
2024 Aug 29 (Thu)	01:46 61	08:32 76N	15:17 299
2024 Aug 30 (Fri)	02:43 62	09:27 78N	16:08 297
2024 Aug 31 (Sat)	03:39 65	10:18 81N	16:54 293
2024 Sep 01 (Sun)	04:33 69	11:06 85N	17:36 288
2024 Sep 02 (Mon)	05:23 74	11:49 91N	18:13 283
2024 Sep 03 (Tue)	06:10 80	12:31 85S	18:48 277
2024 Sep 04 (Wed)	06:56 85	13:10 79S	19:21 271
2024 Sep 05 (Thu)	07:41 92	13:49 74S	19:54 266
2024 Sep 06 (Fri)	08:26 97	14:28 68S	20:27 260
2024 Sep 07 (Sat)	09:12 103	15:08 62S	21:02 254
2024 Sep 08 (Sun)	09:59 108	15:51 57S	21:40 249
2024 Sep 09 (Mon)	10:50 113	16:37 53S	22:22 245
2024 Sep 10 (Tue)	11:43 117	17:27 50S	23:09 242
2024 Sep 11 (Wed)	12:39 119	18:21 48S	
2024 Sep 12 (Thu)	13:37 120	19:18 47S	00:02 241
2024 Sep 13 (Fri)	14:34 119	20:17 49S	01:00 241
2024 Sep 14 (Sat)	15:29 116	21:15 52S	02:01 243
2024 Sep 15 (Sun)	16:20 111	22:11 57S	03:03 246
2024 Sep 16 (Mon)	17:08 105	23:05 64S	04:05 252
2024 Sep 17 (Tue)	17:53 98	23:58 71S	05:06 259
2024 Sep 18 (Wed)	18:37 90		06:06 266
2024 Sep 19 (Thu)	19:21 82	00:49 78S	07:05 274
2024 Sep 20 (Fri)	20:06 75	01:41 86S	08:05 282
2024 Sep 21 (Sat)	20:54 69	02:34 89N	09:06 288
2024 Sep 22 (Sun)	21:46 64	03:30 83N	10:09 294
2024 Sep 23 (Mon)	22:42 61	04:28 79N	11:12 298
2024 Sep 24 (Tue)	23:40 60	05:28 76N	12:14 299
2024 Sep 25 (Wed)		06:26 76N	13:13 299
2024 Sep 26 (Thu)	00:38 61	07:23 77N	14:06 298
2024 Sep 27 (Fri)	01:35 64	08:15 80N	14:53 294
2024 Sep 28 (Sat)	02:29 68	09:04 84N	15:36 290
2024 Sep 29 (Sun)	03:20 72	09:48 89N	16:14 285
2024 Sep 30 (Mon)	04:08 78	10:30 87S	16:49 279
2024 Oct 01 (Tue)	04:54 84	11:10 81S	17:23 273
2024 Oct 02 (Wed)	05:39 90	11:49 75S	17:55 267
2024 Oct 03 (Thu)	06:24 96	12:27 70S	18:28 262
2024 Oct 04 (Fri)	07:09 101	13:07 64S	19:03 256
2024 Oct 05 (Sat)	07:56 107	13:49 59S	19:40 251
2024 Oct 06 (Sun)	08:46 112	14:34 54S	20:20 246
2024 Oct 07 (Mon)	09:38 116	15:22 51S	21:05 243
2024 Oct 08 (Tue)	10:32 118	16:14 48S	21:55 241
2024 Oct 09 (Wed)	11:28 120	17:09 47S	22:50 240
2024 Oct 10 (Thu)	12:24 119	18:06 48S	23:48 241
2024 Oct 11 (Fri)	13:18 117	19:02 51S	
2024 Oct 12 (Sat)	14:09 113	19:57 55S	00:48 244
2024 Oct 13 (Sun)	14:57 108	20:51 60S	01:48 249
2024 Oct 14 (Mon)	15:42 101	21:42 67S	02:48 255
2024 Oct 15 (Tue)	16:25 94	22:33 74S	03:46 262
2024 Oct 16 (Wed)	17:09 86	23:25 82S	04:45 270
2024 Oct 17 (Thu)	17:53 79		05:44 278
2024 Oct 18 (Fri)	18:41 72	00:17 89S	06:46 285
2024 Oct 19 (Sat)	19:32 66	01:13 86N	07:49 291
2024 Oct 20 (Sun)	20:28 62	02:12 80N	08:54 296
2024 Oct 21 (Mon)	21:28 61	03:13 77N	10:00 299
2024 Oct 22 (Tue)	22:28 61	04:15 76N	11:02 300
2024 Oct 23 (Wed)	23:27 63	05:14 77N	11:59 298
2024 Oct 24 (Thu)		06:10 79N	12:50 296
2024 Oct 25 (Fri)	00:23 66	07:00 83N	13:34 292
2024 Oct 26 (Sat)	01:16 71	07:47 87N	14:14 287
2024 Oct 27 (Sun)	02:05 76	08:29 89S	14:50 281
2024 Oct 28 (Mon)	02:51 82	09:09 83S	15:24 275
2024 Oct 29 (Tue)	03:37 88	09:48 77S	15:57 269
2024 Oct 30 (Wed)	04:21 94	10:27 72S	16:30 264
2024 Oct 31 (Thu)	05:06 99	11:06 66S	17:04 258
2024 Nov 01 (Fri)	05:53 105	11:48 60S	17:40 252
2024 Nov 02 (Sat)	06:42 110	12:32 56S	18:20 248
2024 Nov 03 (Sun)	07:34 114	13:20 52S	19:04 244
2024 Nov 04 (Mon)	08:28 118	14:11 49S	19:52 241
2024 Nov 05 (Tue)	09:24 119	15:05 48S	20:45 240
2024 Nov 06 (Wed)	10:19 119	16:00 48S	21:42 241

2024 Nov 07 (Thu)	11:13 118	16:56 50S	22:40 243
2024 Nov 08 (Fri)	12:04 115	17:50 53S	23:39 247
2024 Nov 09 (Sat)	12:51 110	18:42 58S	
2024 Nov 10 (Sun)	13:35 104	19:33 64S	00:37 253
2024 Nov 11 (Mon)	14:18 97	20:22 71S	01:33 259
2024 Nov 12 (Tue)	14:59 90	21:11 78S	02:29 266
2024 Nov 13 (Wed)	15:42 83	22:01 86S	03:26 274
2024 Nov 14 (Thu)	16:27 75	22:55 89N	04:25 281
2024 Nov 15 (Fri)	17:16 69	23:52 83N	05:26 288
2024 Nov 16 (Sat)	18:10 64		06:31 294
2024 Nov 17 (Sun)	19:09 61	00:52 79N	07:37 297
2024 Nov 18 (Mon)	20:11 61	01:55 76N	08:43 299
2024 Nov 19 (Tue)	21:13 62	02:58 76N	09:45 299
2024 Nov 20 (Wed)	22:12 65	03:57 78N	10:40 297
2024 Nov 21 (Thu)	23:08 69	04:52 81N	11:28 293
2024 Nov 22 (Fri)	23:59 74	05:41 85N	12:11 288
2024 Nov 23 (Sat)		06:26 91N	12:49 283
2024 Nov 24 (Sun)	00:47 80	07:07 85S	13:24 277
2024 Nov 25 (Mon)	01:33 86	07:47 79S	13:57 271
2024 Nov 26 (Tue)	02:17 92	08:25 74S	14:30 266
2024 Nov 27 (Wed)	03:02 97	09:04 68S	15:04 260
2024 Nov 28 (Thu)	03:48 103	09:45 62S	15:39 254
2024 Nov 29 (Fri)	04:37 108	10:28 57S	16:18 249
2024 Nov 30 (Sat)	05:28 113	11:15 53S	17:00 245
2024 Dec 01 (Sun)	06:21 117	12:05 50S	17:48 242
2024 Dec 02 (Mon)	07:18 119	12:59 48S	18:40 241
2024 Dec 03 (Tue)	08:14 119	13:55 48S	19:37 241
2024 Dec 04 (Wed)	09:09 118	14:52 49S	20:35 243
2024 Dec 05 (Thu)	10:01 116	15:47 52S	21:34 246
2024 Dec 06 (Fri)	10:49 111	16:39 57S	22:32 251
2024 Dec 07 (Sat)	11:34 106	17:29 62S	23:28 257
2024 Dec 08 (Sun)	12:15 99	18:17 69S	
2024 Dec 09 (Mon)	12:56 93	19:04 76S	00:22 264
2024 Dec 10 (Tue)	13:36 85	19:52 83S	01:17 271
2024 Dec 11 (Wed)	14:18 78	20:42 90S	02:12 278
2024 Dec 12 (Thu)	15:04 72	21:36 86N	03:10 285
2024 Dec 13 (Fri)	15:54 66	22:34 81N	04:11 291
2024 Dec 14 (Sat)	16:50 63	23:35 77N	05:16 296
2024 Dec 15 (Sun)	17:51 61		06:21 299
2024 Dec 16 (Mon)	18:53 61	00:38 76N	07:25 299
2024 Dec 17 (Tue)	19:55 63	01:40 77N	08:25 298
2024 Dec 18 (Wed)	20:54 67	02:38 80N	09:17 295
2024 Dec 19 (Thu)	21:48 72	03:30 84N	10:04 290
2024 Dec 20 (Fri)	22:39 77	04:18 89N	10:45 285
2024 Dec 21 (Sat)	23:26 83	05:02 87S	11:21 280
2024 Dec 22 (Sun)		05:42 82S	11:56 274
2024 Dec 23 (Mon)	00:12 89	06:22 76S	12:29 268
2024 Dec 24 (Tue)	00:57 95	07:01 70S	13:02 262
2024 Dec 25 (Wed)	01:42 101	07:41 64S	13:36 256
2024 Dec 26 (Thu)	02:29 107	08:23 59S	14:13 251
2024 Dec 27 (Fri)	03:19 111	09:08 54S	14:54 247
2024 Dec 28 (Sat)	04:12 115	09:57 51S	15:40 243
2024 Dec 29 (Sun)	05:07 118	10:50 48S	16:31 241
2024 Dec 30 (Mon)	06:04 119	11:46 48S	17:27 241
2024 Dec 31 (Tue)	07:01 119	12:43 48S	18:26 242