

Sun

BuriRam

Location: E103°06'14.3", N14°59'56.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Nautical Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Nautical Twilight
	h m	h m °		h m °	h m °		h m
2024 Jan 01 (Mon)	05:43	06:33 114		12:11 53S	17:49 246		18:38
2024 Jan 02 (Tue)	05:44	06:33 114		12:11 53S	17:49 246		18:39
2024 Jan 03 (Wed)	05:44	06:34 114		12:12 53S	17:50 247		18:40
2024 Jan 04 (Thu)	05:44	06:34 113		12:12 53S	17:50 247		18:40
2024 Jan 05 (Fri)	05:45	06:34 113		12:13 53S	17:51 247		18:41
2024 Jan 06 (Sat)	05:45	06:35 113		12:13 53S	17:51 247		18:41
2024 Jan 07 (Sun)	05:45	06:35 113		12:14 53S	17:52 247		18:42
2024 Jan 08 (Mon)	05:46	06:35 113		12:14 53S	17:53 247		18:42
2024 Jan 09 (Tue)	05:46	06:36 113		12:14 54S	17:53 247		18:43
2024 Jan 10 (Wed)	05:46	06:36 113		12:15 54S	17:54 247		18:43
2024 Jan 11 (Thu)	05:47	06:36 112		12:15 54S	17:54 248		18:44
2024 Jan 12 (Fri)	05:47	06:36 112		12:16 54S	17:55 248		18:44
2024 Jan 13 (Sat)	05:47	06:37 112		12:16 54S	17:56 248		18:45
2024 Jan 14 (Sun)	05:47	06:37 112		12:16 54S	17:56 248		18:45
2024 Jan 15 (Mon)	05:48	06:37 112		12:17 54S	17:57 248		18:46
2024 Jan 16 (Tue)	05:48	06:37 112		12:17 55S	17:57 248		18:47
2024 Jan 17 (Wed)	05:48	06:37 111		12:17 55S	17:58 249		18:47
2024 Jan 18 (Thu)	05:48	06:37 111		12:18 55S	17:58 249		18:48
2024 Jan 19 (Fri)	05:48	06:37 111		12:18 55S	17:59 249		18:48
2024 Jan 20 (Sat)	05:48	06:37 111		12:18 55S	18:00 249		18:49
2024 Jan 21 (Sun)	05:48	06:37 111		12:19 56S	18:00 250		18:49
2024 Jan 22 (Mon)	05:49	06:37 110		12:19 56S	18:01 250		18:49
2024 Jan 23 (Tue)	05:49	06:37 110		12:19 56S	18:01 250		18:50
2024 Jan 24 (Wed)	05:49	06:37 110		12:19 56S	18:02 250		18:50
2024 Jan 25 (Thu)	05:49	06:37 110		12:20 57S	18:02 251		18:51
2024 Jan 26 (Fri)	05:49	06:37 109		12:20 57S	18:03 251		18:51
2024 Jan 27 (Sat)	05:49	06:37 109		12:20 57S	18:03 251		18:52
2024 Jan 28 (Sun)	05:49	06:37 109		12:20 57S	18:04 251		18:52
2024 Jan 29 (Mon)	05:49	06:37 109		12:21 58S	18:04 252		18:53
2024 Jan 30 (Tue)	05:49	06:37 108		12:21 58S	18:05 252		18:53
2024 Jan 31 (Wed)	05:48	06:37 108		12:21 58S	18:05 252		18:53
2024 Feb 01 (Thu)	05:48	06:37 108		12:21 58S	18:06 252		18:54
2024 Feb 02 (Fri)	05:48	06:36 107		12:21 59S	18:06 253		18:54
2024 Feb 03 (Sat)	05:48	06:36 107		12:21 59S	18:07 253		18:55
2024 Feb 04 (Sun)	05:48	06:36 107		12:21 59S	18:07 253		18:55
2024 Feb 05 (Mon)	05:48	06:36 107		12:21 60S	18:07 254		18:55
2024 Feb 06 (Tue)	05:48	06:35 106		12:22 60S	18:08 254		18:56
2024 Feb 07 (Wed)	05:47	06:35 106		12:22 60S	18:08 254		18:56
2024 Feb 08 (Thu)	05:47	06:35 106		12:22 61S	18:09 255		18:56
2024 Feb 09 (Fri)	05:47	06:35 105		12:22 61S	18:09 255		18:57
2024 Feb 10 (Sat)	05:47	06:34 105		12:22 61S	18:10 255		18:57
2024 Feb 11 (Sun)	05:46	06:34 105		12:22 62S	18:10 256		18:57
2024 Feb 12 (Mon)	05:46	06:33 104		12:22 62S	18:10 256		18:58
2024 Feb 13 (Tue)	05:46	06:33 104		12:22 62S	18:11 256		18:58
2024 Feb 14 (Wed)	05:45	06:33 104		12:22 63S	18:11 257		18:58
2024 Feb 15 (Thu)	05:45	06:32 103		12:22 63S	18:11 257		18:59
2024 Feb 16 (Fri)	05:45	06:32 103		12:22 63S	18:12 257		18:59
2024 Feb 17 (Sat)	05:44	06:31 102		12:22 64S	18:12 258		18:59
2024 Feb 18 (Sun)	05:44	06:31 102		12:22 64S	18:12 258		18:59
2024 Feb 19 (Mon)	05:44	06:31 102		12:21 64S	18:13 258		19:00
2024 Feb 20 (Tue)	05:43	06:30 101		12:21 65S	18:13 259		19:00
2024 Feb 21 (Wed)	05:43	06:30 101		12:21 65S	18:13 259		19:00
2024 Feb 22 (Thu)	05:42	06:29 101		12:21 65S	18:13 260		19:00
2024 Feb 23 (Fri)	05:42	06:28 100		12:21 66S	18:14 260		19:01
2024 Feb 24 (Sat)	05:41	06:28 100		12:21 66S	18:14 260		19:01

2024	Feb	25	(Sun)	05:41	06:27	99	12:21	66S	18:14	261	19:01
2024	Feb	26	(Mon)	05:40	06:27	99	12:21	67S	18:14	261	19:01
2024	Feb	27	(Tue)	05:40	06:26	99	12:20	67S	18:15	261	19:01
2024	Feb	28	(Wed)	05:39	06:26	98	12:20	68S	18:15	262	19:02
2024	Feb	29	(Thu)	05:39	06:25	98	12:20	68S	18:15	262	19:02
2024	Mar	01	(Fri)	05:38	06:24	98	12:20	68S	18:15	263	19:02
2024	Mar	02	(Sat)	05:37	06:24	97	12:20	69S	18:16	263	19:02
2024	Mar	03	(Sun)	05:37	06:23	97	12:19	69S	18:16	263	19:02
2024	Mar	04	(Mon)	05:36	06:23	96	12:19	69S	18:16	264	19:02
2024	Mar	05	(Tue)	05:36	06:22	96	12:19	70S	18:16	264	19:03
2024	Mar	06	(Wed)	05:35	06:21	96	12:19	70S	18:16	265	19:03
2024	Mar	07	(Thu)	05:34	06:21	95	12:19	71S	18:17	265	19:03
2024	Mar	08	(Fri)	05:34	06:20	95	12:18	71S	18:17	265	19:03
2024	Mar	09	(Sat)	05:33	06:19	94	12:18	71S	18:17	266	19:03
2024	Mar	10	(Sun)	05:32	06:19	94	12:18	72S	18:17	266	19:03
2024	Mar	11	(Mon)	05:32	06:18	94	12:18	72S	18:17	267	19:04
2024	Mar	12	(Tue)	05:31	06:17	93	12:17	73S	18:17	267	19:04
2024	Mar	13	(Wed)	05:30	06:17	93	12:17	73S	18:18	267	19:04
2024	Mar	14	(Thu)	05:30	06:16	92	12:17	73S	18:18	268	19:04
2024	Mar	15	(Fri)	05:29	06:15	92	12:16	74S	18:18	268	19:04
2024	Mar	16	(Sat)	05:28	06:15	91	12:16	74S	18:18	269	19:04
2024	Mar	17	(Sun)	05:28	06:14	91	12:16	75S	18:18	269	19:04
2024	Mar	18	(Mon)	05:27	06:13	91	12:16	75S	18:18	270	19:04
2024	Mar	19	(Tue)	05:26	06:12	90	12:15	75S	18:18	270	19:05
2024	Mar	20	(Wed)	05:25	06:12	90	12:15	76S	18:18	270	19:05
2024	Mar	21	(Thu)	05:25	06:11	89	12:15	76S	18:19	271	19:05
2024	Mar	22	(Fri)	05:24	06:10	89	12:14	77S	18:19	271	19:05
2024	Mar	23	(Sat)	05:23	06:10	89	12:14	77S	18:19	272	19:05
2024	Mar	24	(Sun)	05:22	06:09	88	12:14	77S	18:19	272	19:05
2024	Mar	25	(Mon)	05:22	06:08	88	12:13	78S	18:19	272	19:05
2024	Mar	26	(Tue)	05:21	06:07	87	12:13	78S	18:19	273	19:06
2024	Mar	27	(Wed)	05:20	06:07	87	12:13	78S	18:19	273	19:06
2024	Mar	28	(Thu)	05:19	06:06	87	12:13	79S	18:19	274	19:06
2024	Mar	29	(Fri)	05:19	06:05	86	12:12	79S	18:20	274	19:06
2024	Mar	30	(Sat)	05:18	06:04	86	12:12	80S	18:20	274	19:06
2024	Mar	31	(Sun)	05:17	06:04	85	12:12	80S	18:20	275	19:06
2024	Apr	01	(Mon)	05:16	06:03	85	12:11	80S	18:20	275	19:07
2024	Apr	02	(Tue)	05:16	06:02	85	12:11	81S	18:20	276	19:07
2024	Apr	03	(Wed)	05:15	06:02	84	12:11	81S	18:20	276	19:07
2024	Apr	04	(Thu)	05:14	06:01	84	12:10	82S	18:20	276	19:07
2024	Apr	05	(Fri)	05:13	06:00	83	12:10	82S	18:20	277	19:07
2024	Apr	06	(Sat)	05:13	05:59	83	12:10	82S	18:21	277	19:07
2024	Apr	07	(Sun)	05:12	05:59	83	12:10	83S	18:21	278	19:08
2024	Apr	08	(Mon)	05:11	05:58	82	12:09	83S	18:21	278	19:08
2024	Apr	09	(Tue)	05:11	05:57	82	12:09	83S	18:21	278	19:08
2024	Apr	10	(Wed)	05:10	05:57	81	12:09	84S	18:21	279	19:08
2024	Apr	11	(Thu)	05:09	05:56	81	12:09	84S	18:21	279	19:08
2024	Apr	12	(Fri)	05:08	05:55	81	12:08	85S	18:21	280	19:09
2024	Apr	13	(Sat)	05:08	05:55	80	12:08	85S	18:22	280	19:09
2024	Apr	14	(Sun)	05:07	05:54	80	12:08	85S	18:22	280	19:09
2024	Apr	15	(Mon)	05:06	05:53	80	12:08	86S	18:22	281	19:09
2024	Apr	16	(Tue)	05:05	05:53	79	12:07	86S	18:22	281	19:09
2024	Apr	17	(Wed)	05:05	05:52	79	12:07	86S	18:22	281	19:10
2024	Apr	18	(Thu)	05:04	05:52	78	12:07	87S	18:22	282	19:10
2024	Apr	19	(Fri)	05:03	05:51	78	12:07	87S	18:23	282	19:10
2024	Apr	20	(Sat)	05:03	05:50	78	12:06	87S	18:23	282	19:10
2024	Apr	21	(Sun)	05:02	05:50	77	12:06	88S	18:23	283	19:11
2024	Apr	22	(Mon)	05:01	05:49	77	12:06	88S	18:23	283	19:11
2024	Apr	23	(Tue)	05:01	05:49	77	12:06	88S	18:23	283	19:11
2024	Apr	24	(Wed)	05:00	05:48	76	12:06	89S	18:23	284	19:11
2024	Apr	25	(Thu)	05:00	05:48	76	12:06	89S	18:24	284	19:12
2024	Apr	26	(Fri)	04:59	05:47	76	12:05	89S	18:24	284	19:12
2024	Apr	27	(Sat)	04:58	05:46	75	12:05	90S	18:24	285	19:12
2024	Apr	28	(Sun)	04:58	05:46	75	12:05	90S	18:24	285	19:13
2024	Apr	29	(Mon)	04:57	05:45	75	12:05	90S	18:25	285	19:13
2024	Apr	30	(Tue)	04:57	05:45	74	12:05	91S	18:25	286	19:13
2024	May	01	(Wed)	04:56	05:44	74	12:05	90N	18:25	286	19:14

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

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

2024	Sep	13	(Fri)	05:10	05:56	86	12:03	79S	18:11	274	18:57
2024	Sep	14	(Sat)	05:10	05:56	86	12:03	79S	18:10	273	18:56
2024	Sep	15	(Sun)	05:10	05:56	87	12:03	79S	18:09	273	18:55
2024	Sep	16	(Mon)	05:10	05:56	87	12:02	78S	18:08	273	18:55
2024	Sep	17	(Tue)	05:10	05:56	88	12:02	78S	18:07	272	18:54
2024	Sep	18	(Wed)	05:10	05:56	88	12:02	77S	18:07	272	18:53
2024	Sep	19	(Thu)	05:10	05:56	88	12:01	77S	18:06	271	18:52
2024	Sep	20	(Fri)	05:10	05:57	89	12:01	77S	18:05	271	18:51
2024	Sep	21	(Sat)	05:10	05:57	89	12:01	76S	18:04	271	18:51
2024	Sep	22	(Sun)	05:10	05:57	90	12:00	76S	18:04	270	18:50
2024	Sep	23	(Mon)	05:10	05:57	90	12:00	75S	18:03	270	18:49
2024	Sep	24	(Tue)	05:10	05:57	90	12:00	75S	18:02	269	18:48
2024	Sep	25	(Wed)	05:11	05:57	91	11:59	75S	18:01	269	18:48
2024	Sep	26	(Thu)	05:11	05:57	91	11:59	74S	18:01	269	18:47
2024	Sep	27	(Fri)	05:11	05:57	92	11:58	74S	18:00	268	18:46
2024	Sep	28	(Sat)	05:11	05:57	92	11:58	73S	17:59	268	18:45
2024	Sep	29	(Sun)	05:11	05:57	92	11:58	73S	17:58	267	18:45
2024	Sep	30	(Mon)	05:11	05:57	93	11:57	73S	17:58	267	18:44
2024	Oct	01	(Tue)	05:11	05:57	93	11:57	72S	17:57	267	18:43
2024	Oct	02	(Wed)	05:11	05:57	94	11:57	72S	17:56	266	18:42
2024	Oct	03	(Thu)	05:11	05:58	94	11:57	72S	17:55	266	18:42
2024	Oct	04	(Fri)	05:11	05:58	94	11:56	71S	17:55	265	18:41
2024	Oct	05	(Sat)	05:11	05:58	95	11:56	71S	17:54	265	18:40
2024	Oct	06	(Sun)	05:12	05:58	95	11:56	70S	17:53	265	18:40
2024	Oct	07	(Mon)	05:12	05:58	96	11:55	70S	17:53	264	18:39
2024	Oct	08	(Tue)	05:12	05:58	96	11:55	70S	17:52	264	18:38
2024	Oct	09	(Wed)	05:12	05:58	96	11:55	69S	17:51	263	18:38
2024	Oct	10	(Thu)	05:12	05:58	97	11:55	69S	17:50	263	18:37
2024	Oct	11	(Fri)	05:12	05:59	97	11:54	69S	17:50	263	18:36
2024	Oct	12	(Sat)	05:12	05:59	98	11:54	68S	17:49	262	18:36
2024	Oct	13	(Sun)	05:12	05:59	98	11:54	68S	17:49	262	18:35
2024	Oct	14	(Mon)	05:12	05:59	98	11:54	67S	17:48	262	18:34
2024	Oct	15	(Tue)	05:13	05:59	99	11:53	67S	17:47	261	18:34
2024	Oct	16	(Wed)	05:13	05:59	99	11:53	67S	17:47	261	18:33
2024	Oct	17	(Thu)	05:13	06:00	99	11:53	66S	17:46	260	18:33
2024	Oct	18	(Fri)	05:13	06:00	100	11:53	66S	17:45	260	18:32
2024	Oct	19	(Sat)	05:13	06:00	100	11:53	66S	17:45	260	18:32
2024	Oct	20	(Sun)	05:13	06:00	101	11:52	65S	17:44	259	18:31
2024	Oct	21	(Mon)	05:13	06:00	101	11:52	65S	17:44	259	18:31
2024	Oct	22	(Tue)	05:14	06:01	101	11:52	64S	17:43	259	18:30
2024	Oct	23	(Wed)	05:14	06:01	102	11:52	64S	17:43	258	18:30
2024	Oct	24	(Thu)	05:14	06:01	102	11:52	64S	17:42	258	18:29
2024	Oct	25	(Fri)	05:14	06:01	102	11:52	63S	17:42	257	18:29
2024	Oct	26	(Sat)	05:14	06:02	103	11:52	63S	17:41	257	18:28
2024	Oct	27	(Sun)	05:15	06:02	103	11:51	63S	17:41	257	18:28
2024	Oct	28	(Mon)	05:15	06:02	103	11:51	62S	17:40	256	18:28
2024	Oct	29	(Tue)	05:15	06:03	104	11:51	62S	17:40	256	18:27
2024	Oct	30	(Wed)	05:15	06:03	104	11:51	62S	17:39	256	18:27
2024	Oct	31	(Thu)	05:16	06:03	104	11:51	61S	17:39	255	18:27
2024	Nov	01	(Fri)	05:16	06:03	105	11:51	61S	17:39	255	18:26
2024	Nov	02	(Sat)	05:16	06:04	105	11:51	61S	17:38	255	18:26
2024	Nov	03	(Sun)	05:17	06:04	105	11:51	61S	17:38	254	18:26
2024	Nov	04	(Mon)	05:17	06:05	106	11:51	60S	17:38	254	18:25
2024	Nov	05	(Tue)	05:17	06:05	106	11:51	60S	17:37	254	18:25
2024	Nov	06	(Wed)	05:17	06:05	106	11:51	60S	17:37	253	18:25
2024	Nov	07	(Thu)	05:18	06:06	107	11:51	59S	17:37	253	18:25
2024	Nov	08	(Fri)	05:18	06:06	107	11:51	59S	17:36	253	18:24
2024	Nov	09	(Sat)	05:18	06:06	107	11:51	59S	17:36	253	18:24
2024	Nov	10	(Sun)	05:19	06:07	108	11:52	58S	17:36	252	18:24
2024	Nov	11	(Mon)	05:19	06:07	108	11:52	58S	17:36	252	18:24
2024	Nov	12	(Tue)	05:19	06:08	108	11:52	58S	17:36	252	18:24
2024	Nov	13	(Wed)	05:20	06:08	108	11:52	58S	17:35	251	18:24
2024	Nov	14	(Thu)	05:20	06:09	109	11:52	57S	17:35	251	18:24
2024	Nov	15	(Fri)	05:21	06:09	109	11:52	57S	17:35	251	18:24
2024	Nov	16	(Sat)	05:21	06:10	109	11:52	57S	17:35	251	18:24
2024	Nov	17	(Sun)	05:21	06:10	110	11:53	57S	17:35	250	18:24
2024	Nov	18	(Mon)	05:22	06:11	110	11:53	56S	17:35	250	18:24

2024	Nov	19	(Tue)	05:22	06:11	110	11:53	56S	17:35	250	18:24
2024	Nov	20	(Wed)	05:23	06:12	110	11:53	56S	17:35	250	18:24
2024	Nov	21	(Thu)	05:23	06:12	110	11:53	56S	17:35	249	18:24
2024	Nov	22	(Fri)	05:24	06:13	111	11:54	55S	17:35	249	18:24
2024	Nov	23	(Sat)	05:24	06:13	111	11:54	55S	17:35	249	18:24
2024	Nov	24	(Sun)	05:25	06:14	111	11:54	55S	17:35	249	18:24
2024	Nov	25	(Mon)	05:25	06:14	111	11:55	55S	17:35	249	18:24
2024	Nov	26	(Tue)	05:25	06:15	112	11:55	55S	17:35	248	18:24
2024	Nov	27	(Wed)	05:26	06:15	112	11:55	54S	17:35	248	18:24
2024	Nov	28	(Thu)	05:26	06:16	112	11:56	54S	17:35	248	18:25
2024	Nov	29	(Fri)	05:27	06:16	112	11:56	54S	17:35	248	18:25
2024	Nov	30	(Sat)	05:27	06:17	112	11:56	54S	17:36	248	18:25
2024	Dec	01	(Sun)	05:28	06:17	112	11:57	54S	17:36	248	18:25
2024	Dec	02	(Mon)	05:28	06:18	113	11:57	54S	17:36	247	18:26
2024	Dec	03	(Tue)	05:29	06:19	113	11:57	54S	17:36	247	18:26
2024	Dec	04	(Wed)	05:30	06:19	113	11:58	53S	17:36	247	18:26
2024	Dec	05	(Thu)	05:30	06:20	113	11:58	53S	17:37	247	18:26
2024	Dec	06	(Fri)	05:31	06:20	113	11:59	53S	17:37	247	18:27
2024	Dec	07	(Sat)	05:31	06:21	113	11:59	53S	17:37	247	18:27
2024	Dec	08	(Sun)	05:32	06:21	113	12:00	53S	17:38	247	18:27
2024	Dec	09	(Mon)	05:32	06:22	113	12:00	53S	17:38	247	18:28
2024	Dec	10	(Tue)	05:33	06:23	114	12:00	53S	17:38	246	18:28
2024	Dec	11	(Wed)	05:33	06:23	114	12:01	53S	17:39	246	18:29
2024	Dec	12	(Thu)	05:34	06:24	114	12:01	53S	17:39	246	18:29
2024	Dec	13	(Fri)	05:34	06:24	114	12:02	53S	17:39	246	18:29
2024	Dec	14	(Sat)	05:35	06:25	114	12:02	52S	17:40	246	18:30
2024	Dec	15	(Sun)	05:35	06:25	114	12:03	52S	17:40	246	18:30
2024	Dec	16	(Mon)	05:36	06:26	114	12:03	52S	17:41	246	18:31
2024	Dec	17	(Tue)	05:36	06:26	114	12:04	52S	17:41	246	18:31
2024	Dec	18	(Wed)	05:37	06:27	114	12:04	52S	17:42	246	18:32
2024	Dec	19	(Thu)	05:37	06:27	114	12:05	52S	17:42	246	18:32
2024	Dec	20	(Fri)	05:38	06:28	114	12:05	52S	17:42	246	18:33
2024	Dec	21	(Sat)	05:38	06:29	114	12:06	52S	17:43	246	18:33
2024	Dec	22	(Sun)	05:39	06:29	114	12:06	52S	17:43	246	18:34
2024	Dec	23	(Mon)	05:39	06:29	114	12:07	52S	17:44	246	18:34
2024	Dec	24	(Tue)	05:40	06:30	114	12:07	52S	17:45	246	18:35
2024	Dec	25	(Wed)	05:40	06:30	114	12:08	52S	17:45	246	18:35
2024	Dec	26	(Thu)	05:41	06:31	114	12:08	52S	17:46	246	18:36
2024	Dec	27	(Fri)	05:41	06:31	114	12:09	52S	17:46	246	18:36
2024	Dec	28	(Sat)	05:42	06:32	114	12:09	52S	17:47	246	18:37
2024	Dec	29	(Sun)	05:42	06:32	114	12:10	53S	17:47	246	18:37
2024	Dec	30	(Mon)	05:43	06:33	114	12:10	53S	17:48	246	18:38
2024	Dec	31	(Tue)	05:43	06:33	114	12:11	53S	17:48	246	18:38

Sun

BuriRam

Location: E103°06'14.3", N14°59'56.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Begin Civil Twilight		Rise		Az.	Transit Alt.		Set		Az.	End Civil Twilight	
				h	m			°	h		m	°	h	m	°
2024	Jan	01	(Mon)	06:10		06:33	114		12:11	53S		17:49	246		18:12
2024	Jan	02	(Tue)	06:10		06:33	114		12:11	53S		17:49	246		18:12
2024	Jan	03	(Wed)	06:11		06:34	114		12:12	53S		17:50	247		18:13
2024	Jan	04	(Thu)	06:11		06:34	113		12:12	53S		17:50	247		18:13
2024	Jan	05	(Fri)	06:11		06:34	113		12:13	53S		17:51	247		18:14
2024	Jan	06	(Sat)	06:12		06:35	113		12:13	53S		17:51	247		18:15
2024	Jan	07	(Sun)	06:12		06:35	113		12:14	53S		17:52	247		18:15
2024	Jan	08	(Mon)	06:12		06:35	113		12:14	53S		17:53	247		18:16
2024	Jan	09	(Tue)	06:13		06:36	113		12:14	54S		17:53	247		18:16
2024	Jan	10	(Wed)	06:13		06:36	113		12:15	54S		17:54	247		18:17
2024	Jan	11	(Thu)	06:13		06:36	112		12:15	54S		17:54	248		18:17

2024	Jan	12	(Fri)	06:13	06:36	112	12:16	54S	17:55	248	18:18
2024	Jan	13	(Sat)	06:14	06:37	112	12:16	54S	17:56	248	18:19
2024	Jan	14	(Sun)	06:14	06:37	112	12:16	54S	17:56	248	18:19
2024	Jan	15	(Mon)	06:14	06:37	112	12:17	54S	17:57	248	18:20
2024	Jan	16	(Tue)	06:14	06:37	112	12:17	55S	17:57	248	18:20
2024	Jan	17	(Wed)	06:14	06:37	111	12:17	55S	17:58	249	18:21
2024	Jan	18	(Thu)	06:14	06:37	111	12:18	55S	17:58	249	18:21
2024	Jan	19	(Fri)	06:14	06:37	111	12:18	55S	17:59	249	18:22
2024	Jan	20	(Sat)	06:15	06:37	111	12:18	55S	18:00	249	18:22
2024	Jan	21	(Sun)	06:15	06:37	111	12:19	56S	18:00	250	18:23
2024	Jan	22	(Mon)	06:15	06:37	110	12:19	56S	18:01	250	18:23
2024	Jan	23	(Tue)	06:15	06:37	110	12:19	56S	18:01	250	18:24
2024	Jan	24	(Wed)	06:15	06:37	110	12:19	56S	18:02	250	18:24
2024	Jan	25	(Thu)	06:15	06:37	110	12:20	57S	18:02	251	18:25
2024	Jan	26	(Fri)	06:15	06:37	109	12:20	57S	18:03	251	18:25
2024	Jan	27	(Sat)	06:15	06:37	109	12:20	57S	18:03	251	18:26
2024	Jan	28	(Sun)	06:15	06:37	109	12:20	57S	18:04	251	18:26
2024	Jan	29	(Mon)	06:15	06:37	109	12:21	58S	18:04	252	18:27
2024	Jan	30	(Tue)	06:14	06:37	108	12:21	58S	18:05	252	18:27
2024	Jan	31	(Wed)	06:14	06:37	108	12:21	58S	18:05	252	18:28
2024	Feb	01	(Thu)	06:14	06:37	108	12:21	58S	18:06	252	18:28
2024	Feb	02	(Fri)	06:14	06:36	107	12:21	59S	18:06	253	18:28
2024	Feb	03	(Sat)	06:14	06:36	107	12:21	59S	18:07	253	18:29
2024	Feb	04	(Sun)	06:14	06:36	107	12:21	59S	18:07	253	18:29
2024	Feb	05	(Mon)	06:13	06:36	107	12:21	60S	18:07	254	18:30
2024	Feb	06	(Tue)	06:13	06:35	106	12:22	60S	18:08	254	18:30
2024	Feb	07	(Wed)	06:13	06:35	106	12:22	60S	18:08	254	18:30
2024	Feb	08	(Thu)	06:13	06:35	106	12:22	61S	18:09	255	18:31
2024	Feb	09	(Fri)	06:12	06:35	105	12:22	61S	18:09	255	18:31
2024	Feb	10	(Sat)	06:12	06:34	105	12:22	61S	18:10	255	18:32
2024	Feb	11	(Sun)	06:12	06:34	105	12:22	62S	18:10	256	18:32
2024	Feb	12	(Mon)	06:11	06:33	104	12:22	62S	18:10	256	18:32
2024	Feb	13	(Tue)	06:11	06:33	104	12:22	62S	18:11	256	18:33
2024	Feb	14	(Wed)	06:11	06:33	104	12:22	63S	18:11	257	18:33
2024	Feb	15	(Thu)	06:10	06:32	103	12:22	63S	18:11	257	18:33
2024	Feb	16	(Fri)	06:10	06:32	103	12:22	63S	18:12	257	18:34
2024	Feb	17	(Sat)	06:10	06:31	102	12:22	64S	18:12	258	18:34
2024	Feb	18	(Sun)	06:09	06:31	102	12:22	64S	18:12	258	18:34
2024	Feb	19	(Mon)	06:09	06:31	102	12:21	64S	18:13	258	18:34
2024	Feb	20	(Tue)	06:08	06:30	101	12:21	65S	18:13	259	18:35
2024	Feb	21	(Wed)	06:08	06:30	101	12:21	65S	18:13	259	18:35
2024	Feb	22	(Thu)	06:07	06:29	101	12:21	65S	18:13	260	18:35
2024	Feb	23	(Fri)	06:07	06:28	100	12:21	66S	18:14	260	18:35
2024	Feb	24	(Sat)	06:06	06:28	100	12:21	66S	18:14	260	18:36
2024	Feb	25	(Sun)	06:06	06:27	99	12:21	66S	18:14	261	18:36
2024	Feb	26	(Mon)	06:05	06:27	99	12:21	67S	18:14	261	18:36
2024	Feb	27	(Tue)	06:05	06:26	99	12:20	67S	18:15	261	18:36
2024	Feb	28	(Wed)	06:04	06:26	98	12:20	68S	18:15	262	18:37
2024	Feb	29	(Thu)	06:04	06:25	98	12:20	68S	18:15	262	18:37
2024	Mar	01	(Fri)	06:03	06:24	98	12:20	68S	18:15	263	18:37
2024	Mar	02	(Sat)	06:02	06:24	97	12:20	69S	18:16	263	18:37
2024	Mar	03	(Sun)	06:02	06:23	97	12:19	69S	18:16	263	18:37
2024	Mar	04	(Mon)	06:01	06:23	96	12:19	69S	18:16	264	18:38
2024	Mar	05	(Tue)	06:01	06:22	96	12:19	70S	18:16	264	18:38
2024	Mar	06	(Wed)	06:00	06:21	96	12:19	70S	18:16	265	18:38
2024	Mar	07	(Thu)	05:59	06:21	95	12:19	71S	18:17	265	18:38
2024	Mar	08	(Fri)	05:59	06:20	95	12:18	71S	18:17	265	18:38
2024	Mar	09	(Sat)	05:58	06:19	94	12:18	71S	18:17	266	18:38
2024	Mar	10	(Sun)	05:57	06:19	94	12:18	72S	18:17	266	18:39
2024	Mar	11	(Mon)	05:57	06:18	94	12:18	72S	18:17	267	18:39
2024	Mar	12	(Tue)	05:56	06:17	93	12:17	73S	18:17	267	18:39
2024	Mar	13	(Wed)	05:55	06:17	93	12:17	73S	18:18	267	18:39
2024	Mar	14	(Thu)	05:55	06:16	92	12:17	73S	18:18	268	18:39
2024	Mar	15	(Fri)	05:54	06:15	92	12:16	74S	18:18	268	18:39
2024	Mar	16	(Sat)	05:53	06:15	91	12:16	74S	18:18	269	18:39
2024	Mar	17	(Sun)	05:52	06:14	91	12:16	75S	18:18	269	18:40
2024	Mar	18	(Mon)	05:52	06:13	91	12:16	75S	18:18	270	18:40

2024	Mar	19	(Tue)	05:51	06:12	90	12:15	75S	18:18	270	18:40
2024	Mar	20	(Wed)	05:50	06:12	90	12:15	76S	18:18	270	18:40
2024	Mar	21	(Thu)	05:50	06:11	89	12:15	76S	18:19	271	18:40
2024	Mar	22	(Fri)	05:49	06:10	89	12:14	77S	18:19	271	18:40
2024	Mar	23	(Sat)	05:48	06:10	89	12:14	77S	18:19	272	18:40
2024	Mar	24	(Sun)	05:47	06:09	88	12:14	77S	18:19	272	18:40
2024	Mar	25	(Mon)	05:47	06:08	88	12:13	78S	18:19	272	18:41
2024	Mar	26	(Tue)	05:46	06:07	87	12:13	78S	18:19	273	18:41
2024	Mar	27	(Wed)	05:45	06:07	87	12:13	78S	18:19	273	18:41
2024	Mar	28	(Thu)	05:44	06:06	87	12:13	79S	18:19	274	18:41
2024	Mar	29	(Fri)	05:44	06:05	86	12:12	79S	18:20	274	18:41
2024	Mar	30	(Sat)	05:43	06:04	86	12:12	80S	18:20	274	18:41
2024	Mar	31	(Sun)	05:42	06:04	85	12:12	80S	18:20	275	18:41
2024	Apr	01	(Mon)	05:42	06:03	85	12:11	80S	18:20	275	18:41
2024	Apr	02	(Tue)	05:41	06:02	85	12:11	81S	18:20	276	18:42
2024	Apr	03	(Wed)	05:40	06:02	84	12:11	81S	18:20	276	18:42
2024	Apr	04	(Thu)	05:39	06:01	84	12:10	82S	18:20	276	18:42
2024	Apr	05	(Fri)	05:39	06:00	83	12:10	82S	18:20	277	18:42
2024	Apr	06	(Sat)	05:38	05:59	83	12:10	82S	18:21	277	18:42
2024	Apr	07	(Sun)	05:37	05:59	83	12:10	83S	18:21	278	18:42
2024	Apr	08	(Mon)	05:36	05:58	82	12:09	83S	18:21	278	18:42
2024	Apr	09	(Tue)	05:36	05:57	82	12:09	83S	18:21	278	18:43
2024	Apr	10	(Wed)	05:35	05:57	81	12:09	84S	18:21	279	18:43
2024	Apr	11	(Thu)	05:34	05:56	81	12:09	84S	18:21	279	18:43
2024	Apr	12	(Fri)	05:34	05:55	81	12:08	85S	18:21	280	18:43
2024	Apr	13	(Sat)	05:33	05:55	80	12:08	85S	18:22	280	18:43
2024	Apr	14	(Sun)	05:32	05:54	80	12:08	85S	18:22	280	18:44
2024	Apr	15	(Mon)	05:32	05:53	80	12:08	86S	18:22	281	18:44
2024	Apr	16	(Tue)	05:31	05:53	79	12:07	86S	18:22	281	18:44
2024	Apr	17	(Wed)	05:30	05:52	79	12:07	86S	18:22	281	18:44
2024	Apr	18	(Thu)	05:30	05:52	78	12:07	87S	18:22	282	18:44
2024	Apr	19	(Fri)	05:29	05:51	78	12:07	87S	18:23	282	18:45
2024	Apr	20	(Sat)	05:28	05:50	78	12:06	87S	18:23	282	18:45
2024	Apr	21	(Sun)	05:28	05:50	77	12:06	88S	18:23	283	18:45
2024	Apr	22	(Mon)	05:27	05:49	77	12:06	88S	18:23	283	18:45
2024	Apr	23	(Tue)	05:27	05:49	77	12:06	88S	18:23	283	18:45
2024	Apr	24	(Wed)	05:26	05:48	76	12:06	89S	18:23	284	18:46
2024	Apr	25	(Thu)	05:25	05:48	76	12:06	89S	18:24	284	18:46
2024	Apr	26	(Fri)	05:25	05:47	76	12:05	89S	18:24	284	18:46
2024	Apr	27	(Sat)	05:24	05:46	75	12:05	90S	18:24	285	18:46
2024	Apr	28	(Sun)	05:24	05:46	75	12:05	90S	18:24	285	18:47
2024	Apr	29	(Mon)	05:23	05:45	75	12:05	90S	18:25	285	18:47
2024	Apr	30	(Tue)	05:23	05:45	74	12:05	91S	18:25	286	18:47
2024	May	01	(Wed)	05:22	05:44	74	12:05	90N	18:25	286	18:47
2024	May	02	(Thu)	05:22	05:44	74	12:05	90N	18:25	286	18:48
2024	May	03	(Fri)	05:21	05:44	73	12:04	90N	18:25	287	18:48
2024	May	04	(Sat)	05:21	05:43	73	12:04	90N	18:26	287	18:48
2024	May	05	(Sun)	05:20	05:43	73	12:04	89N	18:26	287	18:49
2024	May	06	(Mon)	05:20	05:42	73	12:04	89N	18:26	288	18:49
2024	May	07	(Tue)	05:19	05:42	72	12:04	89N	18:27	288	18:49
2024	May	08	(Wed)	05:19	05:42	72	12:04	88N	18:27	288	18:49
2024	May	09	(Thu)	05:18	05:41	72	12:04	88N	18:27	288	18:50
2024	May	10	(Fri)	05:18	05:41	71	12:04	88N	18:27	289	18:50
2024	May	11	(Sat)	05:18	05:40	71	12:04	88N	18:28	289	18:50
2024	May	12	(Sun)	05:17	05:40	71	12:04	87N	18:28	289	18:51
2024	May	13	(Mon)	05:17	05:40	71	12:04	87N	18:28	289	18:51
2024	May	14	(Tue)	05:17	05:40	70	12:04	87N	18:29	290	18:51
2024	May	15	(Wed)	05:16	05:39	70	12:04	87N	18:29	290	18:52
2024	May	16	(Thu)	05:16	05:39	70	12:04	86N	18:29	290	18:52
2024	May	17	(Fri)	05:16	05:39	70	12:04	86N	18:29	290	18:52
2024	May	18	(Sat)	05:15	05:38	69	12:04	86N	18:30	291	18:53
2024	May	19	(Sun)	05:15	05:38	69	12:04	86N	18:30	291	18:53
2024	May	20	(Mon)	05:15	05:38	69	12:04	86N	18:30	291	18:53
2024	May	21	(Tue)	05:15	05:38	69	12:04	85N	18:31	291	18:54
2024	May	22	(Wed)	05:15	05:38	69	12:04	85N	18:31	292	18:54
2024	May	23	(Thu)	05:14	05:38	68	12:04	85N	18:31	292	18:55
2024	May	24	(Fri)	05:14	05:37	68	12:04	85N	18:32	292	18:55

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

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

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

2024	Dec 12	(Thu)	06:00	06:24	114	12:01	53S	17:39	246	18:02
2024	Dec 13	(Fri)	06:01	06:24	114	12:02	53S	17:39	246	18:03
2024	Dec 14	(Sat)	06:02	06:25	114	12:02	52S	17:40	246	18:03
2024	Dec 15	(Sun)	06:02	06:25	114	12:03	52S	17:40	246	18:03
2024	Dec 16	(Mon)	06:03	06:26	114	12:03	52S	17:41	246	18:04
2024	Dec 17	(Tue)	06:03	06:26	114	12:04	52S	17:41	246	18:04
2024	Dec 18	(Wed)	06:04	06:27	114	12:04	52S	17:42	246	18:05
2024	Dec 19	(Thu)	06:04	06:27	114	12:05	52S	17:42	246	18:05
2024	Dec 20	(Fri)	06:05	06:28	114	12:05	52S	17:42	246	18:06
2024	Dec 21	(Sat)	06:05	06:29	114	12:06	52S	17:43	246	18:06
2024	Dec 22	(Sun)	06:06	06:29	114	12:06	52S	17:43	246	18:07
2024	Dec 23	(Mon)	06:06	06:29	114	12:07	52S	17:44	246	18:07
2024	Dec 24	(Tue)	06:07	06:30	114	12:07	52S	17:45	246	18:08
2024	Dec 25	(Wed)	06:07	06:30	114	12:08	52S	17:45	246	18:08
2024	Dec 26	(Thu)	06:08	06:31	114	12:08	52S	17:46	246	18:09
2024	Dec 27	(Fri)	06:08	06:31	114	12:09	52S	17:46	246	18:09
2024	Dec 28	(Sat)	06:09	06:32	114	12:09	52S	17:47	246	18:10
2024	Dec 29	(Sun)	06:09	06:32	114	12:10	53S	17:47	246	18:10
2024	Dec 30	(Mon)	06:09	06:33	114	12:10	53S	17:48	246	18:11
2024	Dec 31	(Tue)	06:10	06:33	114	12:11	53S	17:48	246	18:12

Moon

BuriRam

Location: E103°06'14.3", N14°59'56.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Rise	Az.	Transit	Alt.	Set	Az.
			h	m	°	h	m	°
2024	Jan 01	(Mon)	22:19	80	03:58	89S	10:22	282
2024	Jan 02	(Tue)	23:05	86	04:39	83S	10:55	277
2024	Jan 03	(Wed)	23:50	92	05:18	78S	11:28	271
2024	Jan 04	(Thu)			05:57	72S	12:01	265
2024	Jan 05	(Fri)	00:36	98	06:37	66S	12:36	259
2024	Jan 06	(Sat)	01:25	104	07:20	60S	13:13	253
2024	Jan 07	(Sun)	02:17	109	08:07	55S	13:55	248
2024	Jan 08	(Mon)	03:13	114	08:59	51S	14:42	244
2024	Jan 09	(Tue)	04:13	117	09:56	48S	15:37	242
2024	Jan 10	(Wed)	05:17	119	10:57	47S	16:38	241
2024	Jan 11	(Thu)	06:20	119	12:01	48S	17:44	242
2024	Jan 12	(Fri)	07:20	116	13:04	51S	18:50	245
2024	Jan 13	(Sat)	08:14	112	14:03	55S	19:55	251
2024	Jan 14	(Sun)	09:04	106	14:59	61S	20:57	257
2024	Jan 15	(Mon)	09:48	99	15:50	68S	21:56	264
2024	Jan 16	(Tue)	10:30	92	16:39	75S	22:52	272
2024	Jan 17	(Wed)	11:10	85	17:27	82S	23:48	279
2024	Jan 18	(Thu)	11:51	78	18:15	89S		
2024	Jan 19	(Fri)	12:33	72	19:04	87N	00:43	285
2024	Jan 20	(Sat)	13:17	67	19:56	82N	01:40	291
2024	Jan 21	(Sun)	14:06	63	20:50	79N	02:37	295
2024	Jan 22	(Mon)	14:58	61	21:45	77N	03:35	298
2024	Jan 23	(Tue)	15:53	61	22:40	77N	04:32	299
2024	Jan 24	(Wed)	16:48	62	23:33	79N	05:27	299
2024	Jan 25	(Thu)	17:43	65			06:17	297
2024	Jan 26	(Fri)	18:36	68	00:24	82N	07:02	294
2024	Jan 27	(Sat)	19:26	73	01:11	86N	07:43	289
2024	Jan 28	(Sun)	20:14	78	01:55	91N	08:20	284
2024	Jan 29	(Mon)	21:00	84	02:36	85S	08:55	279
2024	Jan 30	(Tue)	21:45	90	03:15	80S	09:28	273
2024	Jan 31	(Wed)	22:30	96	03:54	74S	10:00	267
2024	Feb 01	(Thu)	23:17	102	04:33	68S	10:33	261
2024	Feb 02	(Fri)			05:14	62S	11:09	255
2024	Feb 03	(Sat)	00:06	107	05:58	57S	11:47	250
2024	Feb 04	(Sun)	00:59	112	06:46	53S	12:31	246

2024 Feb 05 (Mon)	01:56 116	07:39 49S	13:21 242
2024 Feb 06 (Tue)	02:57 119	08:37 47S	14:17 241
2024 Feb 07 (Wed)	03:59 119	09:39 47S	15:20 241
2024 Feb 08 (Thu)	05:00 118	10:43 49S	16:27 243
2024 Feb 09 (Fri)	05:58 114	11:44 53S	17:33 248
2024 Feb 10 (Sat)	06:51 109	12:43 58S	18:38 254
2024 Feb 11 (Sun)	07:39 102	13:38 65S	19:40 261
2024 Feb 12 (Mon)	08:23 95	14:29 72S	20:40 269
2024 Feb 13 (Tue)	09:05 88	15:20 80S	21:38 276
2024 Feb 14 (Wed)	09:47 80	16:09 87S	22:35 283
2024 Feb 15 (Thu)	10:30 74	17:00 89N	23:33 289
2024 Feb 16 (Fri)	11:15 68	17:52 83N	
2024 Feb 17 (Sat)	12:03 64	18:45 80N	00:32 294
2024 Feb 18 (Sun)	12:54 62	19:41 78N	01:30 297
2024 Feb 19 (Mon)	13:48 61	20:36 77N	02:28 299
2024 Feb 20 (Tue)	14:43 61	21:29 78N	03:23 299
2024 Feb 21 (Wed)	15:38 63	22:20 81N	04:14 298
2024 Feb 22 (Thu)	16:31 67	23:08 84N	05:00 295
2024 Feb 23 (Fri)	17:22 71	23:53 89N	05:42 291
2024 Feb 24 (Sat)	18:10 77		06:20 286
2024 Feb 25 (Sun)	18:56 82	00:34 87S	06:55 281
2024 Feb 26 (Mon)	19:42 88	01:14 82S	07:29 275
2024 Feb 27 (Tue)	20:27 94	01:53 76S	08:01 269
2024 Feb 28 (Wed)	21:13 100	02:32 70S	08:34 263
2024 Feb 29 (Thu)	22:01 106	03:12 64S	09:08 257
2024 Mar 01 (Fri)	22:52 111	03:54 59S	09:45 252
2024 Mar 02 (Sat)	23:46 115	04:40 54S	10:26 247
2024 Mar 03 (Sun)		05:30 50S	11:12 243
2024 Mar 04 (Mon)	00:43 118	06:24 48S	12:04 241
2024 Mar 05 (Tue)	01:43 120	07:23 47S	13:02 240
2024 Mar 06 (Wed)	02:43 119	08:23 47S	14:05 242
2024 Mar 07 (Thu)	03:41 117	09:24 50S	15:10 245
2024 Mar 08 (Fri)	04:35 112	10:23 55S	16:15 250
2024 Mar 09 (Sat)	05:25 106	11:20 61S	17:18 257
2024 Mar 10 (Sun)	06:11 99	12:13 68S	18:20 265
2024 Mar 11 (Mon)	06:55 92	13:05 76S	19:20 272
2024 Mar 12 (Tue)	07:38 84	13:56 83S	20:19 280
2024 Mar 13 (Wed)	08:21 77	14:48 90S	21:19 287
2024 Mar 14 (Thu)	09:07 70	15:42 85N	22:20 292
2024 Mar 15 (Fri)	09:55 65	16:37 81N	23:21 297
2024 Mar 16 (Sat)	10:47 62	17:33 78N	
2024 Mar 17 (Sun)	11:42 61	18:30 77N	00:21 299
2024 Mar 18 (Mon)	12:38 61	19:25 78N	01:18 300
2024 Mar 19 (Tue)	13:33 62	20:17 80N	02:11 299
2024 Mar 20 (Wed)	14:27 66	21:06 83N	02:59 296
2024 Mar 21 (Thu)	15:18 70	21:51 87N	03:42 292
2024 Mar 22 (Fri)	16:07 75	22:33 89S	04:21 288
2024 Mar 23 (Sat)	16:54 80	23:14 84S	04:57 282
2024 Mar 24 (Sun)	17:39 86	23:53 78S	05:30 277
2024 Mar 25 (Mon)	18:25 92		06:03 271
2024 Mar 26 (Tue)	19:11 98	00:32 72S	06:35 265
2024 Mar 27 (Wed)	19:58 104	01:11 66S	07:09 259
2024 Mar 28 (Thu)	20:48 109	01:53 60S	07:45 253
2024 Mar 29 (Fri)	21:41 114	02:38 55S	08:25 248
2024 Mar 30 (Sat)	22:37 117	03:26 51S	09:09 244
2024 Mar 31 (Sun)	23:35 119	04:18 48S	09:58 242
2024 Apr 01 (Mon)		05:14 47S	10:53 240
2024 Apr 02 (Tue)	00:33 120	06:12 47S	11:52 241
2024 Apr 03 (Wed)	01:30 118	07:11 49S	12:55 243
2024 Apr 04 (Thu)	02:24 114	08:09 53S	13:57 248
2024 Apr 05 (Fri)	03:13 109	09:05 58S	14:59 254
2024 Apr 06 (Sat)	04:00 103	09:58 64S	16:00 261
2024 Apr 07 (Sun)	04:43 96	10:49 72S	16:59 268
2024 Apr 08 (Mon)	05:26 88	11:40 79S	17:59 276
2024 Apr 09 (Tue)	06:09 80	12:32 87S	18:59 283
2024 Apr 10 (Wed)	06:55 73	13:26 88N	20:01 290
2024 Apr 11 (Thu)	07:43 68	14:22 83N	21:04 295

2024 Apr 12 (Fri)	08:35 63	15:20 79N	22:06 298
2024 Apr 13 (Sat)	09:30 61	16:18 77N	23:07 300
2024 Apr 14 (Sun)	10:27 60	17:16 77N	
2024 Apr 15 (Mon)	11:25 62	18:11 79N	00:03 299
2024 Apr 16 (Tue)	12:20 64	19:01 82N	00:54 297
2024 Apr 17 (Wed)	13:13 68	19:48 86N	01:40 294
2024 Apr 18 (Thu)	14:03 73	20:32 91N	02:20 289
2024 Apr 19 (Fri)	14:50 78	21:12 85S	02:57 284
2024 Apr 20 (Sat)	15:36 84	21:52 80S	03:31 279
2024 Apr 21 (Sun)	16:21 90	22:31 74S	04:04 273
2024 Apr 22 (Mon)	17:07 96	23:10 68S	04:37 267
2024 Apr 23 (Tue)	17:54 102	23:51 62S	05:10 261
2024 Apr 24 (Wed)	18:44 108		05:45 255
2024 Apr 25 (Thu)	19:36 113	00:35 57S	06:24 250
2024 Apr 26 (Fri)	20:32 116	01:23 53S	07:07 246
2024 Apr 27 (Sat)	21:29 119	02:14 49S	07:55 242
2024 Apr 28 (Sun)	22:28 120	03:09 47S	08:48 241
2024 Apr 29 (Mon)	23:25 119	04:07 47S	09:46 241
2024 Apr 30 (Tue)		05:05 48S	10:47 242
2024 May 01 (Wed)	00:18 116	06:02 51S	11:48 246
2024 May 02 (Thu)	01:08 111	06:57 56S	12:49 251
2024 May 03 (Fri)	01:54 106	07:49 62S	13:48 258
2024 May 04 (Sat)	02:37 99	08:39 69S	14:45 265
2024 May 05 (Sun)	03:18 91	09:28 76S	15:43 272
2024 May 06 (Mon)	04:00 84	10:18 83S	16:41 280
2024 May 07 (Tue)	04:43 77	11:10 90S	17:41 287
2024 May 08 (Wed)	05:30 71	12:05 85N	18:43 292
2024 May 09 (Thu)	06:20 65	13:02 81N	19:47 297
2024 May 10 (Fri)	07:15 62	14:02 78N	20:50 299
2024 May 11 (Sat)	08:12 61	15:01 77N	21:50 299
2024 May 12 (Sun)	09:11 61	15:59 78N	22:45 298
2024 May 13 (Mon)	10:09 63	16:53 80N	23:34 295
2024 May 14 (Tue)	11:04 67	17:42 84N	
2024 May 15 (Wed)	11:56 71	18:27 89N	00:17 291
2024 May 16 (Thu)	12:45 76	19:09 87S	00:55 286
2024 May 17 (Fri)	13:31 82	19:49 82S	01:31 281
2024 May 18 (Sat)	14:17 88	20:28 76S	02:04 275
2024 May 19 (Sun)	15:02 94	21:07 70S	02:36 269
2024 May 20 (Mon)	15:49 100	21:48 64S	03:09 263
2024 May 21 (Tue)	16:37 106	22:31 59S	03:44 257
2024 May 22 (Wed)	17:29 111	23:17 54S	04:22 252
2024 May 23 (Thu)	18:24 115		05:03 247
2024 May 24 (Fri)	19:22 118	00:08 50S	05:50 243
2024 May 25 (Sat)	20:21 119	01:03 48S	06:43 241
2024 May 26 (Sun)	21:20 119	02:01 47S	07:40 240
2024 May 27 (Mon)	22:15 117	03:00 47S	08:41 242
2024 May 28 (Tue)	23:06 113	03:58 50S	09:43 245
2024 May 29 (Wed)	23:52 107	04:53 54S	10:43 250
2024 May 30 (Thu)		05:45 60S	11:42 256
2024 May 31 (Fri)	00:35 101	06:35 66S	12:38 262
2024 Jun 01 (Sat)	01:16 94	07:23 73S	13:34 270
2024 Jun 02 (Sun)	01:56 87	08:11 81S	14:30 277
2024 Jun 03 (Mon)	02:37 80	09:01 87S	15:28 284
2024 Jun 04 (Tue)	03:21 73	09:52 88N	16:27 290
2024 Jun 05 (Wed)	04:09 68	10:47 83N	17:30 295
2024 Jun 06 (Thu)	05:01 63	11:46 79N	18:33 298
2024 Jun 07 (Fri)	05:57 61	12:45 77N	19:34 299
2024 Jun 08 (Sat)	06:56 61	13:45 77N	20:32 299
2024 Jun 09 (Sun)	07:55 62	14:41 79N	21:24 296
2024 Jun 10 (Mon)	08:53 65	15:33 83N	22:11 293
2024 Jun 11 (Tue)	09:47 69	16:21 87N	22:51 288
2024 Jun 12 (Wed)	10:37 74	17:04 89S	23:28 283
2024 Jun 13 (Thu)	11:25 80	17:45 84S	
2024 Jun 14 (Fri)	12:11 86	18:25 78S	00:02 277
2024 Jun 15 (Sat)	12:56 92	19:03 72S	00:35 271
2024 Jun 16 (Sun)	13:42 98	19:43 66S	01:08 265
2024 Jun 17 (Mon)	14:29 104	20:25 61S	01:41 259

2024 Jun 18 (Tue)	15:19 109	21:10 56S	02:18 254
2024 Jun 19 (Wed)	16:13 114	21:59 52S	02:57 249
2024 Jun 20 (Thu)	17:10 117	22:52 48S	03:42 245
2024 Jun 21 (Fri)	18:10 119	23:50 47S	04:33 242
2024 Jun 22 (Sat)	19:10 119		05:30 241
2024 Jun 23 (Sun)	20:08 118	00:50 47S	06:31 241
2024 Jun 24 (Mon)	21:01 114	01:50 49S	07:34 244
2024 Jun 25 (Tue)	21:50 109	02:48 53S	08:36 248
2024 Jun 26 (Wed)	22:35 103	03:42 58S	09:36 254
2024 Jun 27 (Thu)	23:16 96	04:33 65S	10:34 261
2024 Jun 28 (Fri)	23:56 89	05:21 72S	11:30 268
2024 Jun 29 (Sat)		06:09 79S	12:25 275
2024 Jun 30 (Sun)	00:36 82	06:57 85S	13:21 282
2024 Jul 01 (Mon)	01:18 75	07:47 90N	14:19 288
2024 Jul 02 (Tue)	02:03 69	08:39 84N	15:19 293
2024 Jul 03 (Wed)	02:52 65	09:35 80N	16:20 297
2024 Jul 04 (Thu)	03:46 62	10:33 78N	17:22 299
2024 Jul 05 (Fri)	04:44 61	11:32 77N	18:21 299
2024 Jul 06 (Sat)	05:43 61	12:30 78N	19:15 298
2024 Jul 07 (Sun)	06:41 64	13:23 81N	20:03 294
2024 Jul 08 (Mon)	07:36 68	14:13 85N	20:47 290
2024 Jul 09 (Tue)	08:29 72	14:59 90N	21:25 285
2024 Jul 10 (Wed)	09:18 78	15:41 86S	22:00 279
2024 Jul 11 (Thu)	10:04 84	16:21 80S	22:34 273
2024 Jul 12 (Fri)	10:50 90	17:00 74S	23:06 267
2024 Jul 13 (Sat)	11:35 96	17:39 69S	23:39 262
2024 Jul 14 (Sun)	12:21 101	18:19 63S	
2024 Jul 15 (Mon)	13:10 107	19:02 58S	00:14 256
2024 Jul 16 (Tue)	14:01 112	19:48 53S	00:51 251
2024 Jul 17 (Wed)	14:56 116	20:40 50S	01:33 246
2024 Jul 18 (Thu)	15:55 119	21:35 47S	02:21 243
2024 Jul 19 (Fri)	16:55 120	22:35 47S	03:15 241
2024 Jul 20 (Sat)	17:55 119	23:36 48S	04:15 241
2024 Jul 21 (Sun)	18:51 116		05:18 242
2024 Jul 22 (Mon)	19:43 111	00:36 51S	06:23 246
2024 Jul 23 (Tue)	20:30 105	01:33 56S	07:25 252
2024 Jul 24 (Wed)	21:14 98	02:26 62S	08:26 258
2024 Jul 25 (Thu)	21:55 91	03:17 69S	09:24 266
2024 Jul 26 (Fri)	22:36 83	04:06 77S	10:20 273
2024 Jul 27 (Sat)	23:17 77	04:54 84S	11:17 280
2024 Jul 28 (Sun)		05:44 90S	12:14 287
2024 Jul 29 (Mon)	00:01 71	06:36 85N	13:13 292
2024 Jul 30 (Tue)	00:49 66	07:30 81N	14:14 296
2024 Jul 31 (Wed)	01:41 62	08:27 78N	15:14 299
2024 Aug 01 (Thu)	02:36 61	09:25 77N	16:13 300
2024 Aug 02 (Fri)	03:34 61	10:22 78N	17:08 298
2024 Aug 03 (Sat)	04:32 63	11:16 80N	17:58 296
2024 Aug 04 (Sun)	05:28 66	12:07 84N	18:43 292
2024 Aug 05 (Mon)	06:21 70	12:54 88N	19:23 287
2024 Aug 06 (Tue)	07:11 76	13:37 88S	19:59 281
2024 Aug 07 (Wed)	07:59 81	14:18 82S	20:33 275
2024 Aug 08 (Thu)	08:45 87	14:57 76S	21:05 270
2024 Aug 09 (Fri)	09:30 94	15:35 71S	21:38 264
2024 Aug 10 (Sat)	10:15 99	16:15 65S	22:11 258
2024 Aug 11 (Sun)	11:02 105	16:56 60S	22:47 252
2024 Aug 12 (Mon)	11:52 110	17:40 55S	23:27 248
2024 Aug 13 (Tue)	12:44 114	18:29 51S	
2024 Aug 14 (Wed)	13:40 118	19:21 48S	00:11 244
2024 Aug 15 (Thu)	14:39 119	20:18 47S	01:01 241
2024 Aug 16 (Fri)	15:38 119	21:18 47S	01:58 240
2024 Aug 17 (Sat)	16:36 117	22:18 49S	02:59 241
2024 Aug 18 (Sun)	17:30 114	23:17 54S	04:03 244
2024 Aug 19 (Mon)	18:20 108		05:07 249
2024 Aug 20 (Tue)	19:06 101	00:13 59S	06:10 255
2024 Aug 21 (Wed)	19:49 94	01:06 66S	07:10 262
2024 Aug 22 (Thu)	20:32 86	01:57 74S	08:09 270
2024 Aug 23 (Fri)	21:14 79	02:48 81S	09:08 278

2024 Aug 24 (Sat)	21:58	72	03:38	88S	10:07	285
2024 Aug 25 (Sun)	22:46	67	04:31	87N	11:07	291
2024 Aug 26 (Mon)	23:37	63	05:25	82N	12:08	295
2024 Aug 27 (Tue)			06:22	79N	13:09	298
2024 Aug 28 (Wed)	00:32	61	07:20	77N	14:09	300
2024 Aug 29 (Thu)	01:29	60	08:17	77N	15:04	299
2024 Aug 30 (Fri)	02:26	62	09:12	79N	15:56	297
2024 Aug 31 (Sat)	03:22	65	10:03	82N	16:41	293
2024 Sep 01 (Sun)	04:16	69	10:51	86N	17:22	289
2024 Sep 02 (Mon)	05:07	74	11:35	90S	17:59	283
2024 Sep 03 (Tue)	05:55	79	12:16	84S	18:34	278
2024 Sep 04 (Wed)	06:41	85	12:55	79S	19:06	272
2024 Sep 05 (Thu)	07:26	91	13:34	73S	19:39	266
2024 Sep 06 (Fri)	08:12	97	14:13	67S	20:12	260
2024 Sep 07 (Sat)	08:58	103	14:53	61S	20:46	254
2024 Sep 08 (Sun)	09:46	108	15:36	56S	21:24	249
2024 Sep 09 (Mon)	10:37	113	16:22	52S	22:06	245
2024 Sep 10 (Tue)	11:30	117	17:12	49S	22:52	242
2024 Sep 11 (Wed)	12:27	119	18:06	47S	23:45	240
2024 Sep 12 (Thu)	13:24	120	19:03	46S		
2024 Sep 13 (Fri)	14:21	119	20:02	48S	00:42	240
2024 Sep 14 (Sat)	15:16	116	21:00	51S	01:43	242
2024 Sep 15 (Sun)	16:07	111	21:56	56S	02:46	246
2024 Sep 16 (Mon)	16:54	105	22:50	62S	03:49	252
2024 Sep 17 (Tue)	17:39	98	23:43	70S	04:50	258
2024 Sep 18 (Wed)	18:22	90			05:51	266
2024 Sep 19 (Thu)	19:05	82	00:34	77S	06:51	274
2024 Sep 20 (Fri)	19:50	75	01:26	85S	07:51	282
2024 Sep 21 (Sat)	20:38	69	02:19	90N	08:53	288
2024 Sep 22 (Sun)	21:29	64	03:15	84N	09:56	294
2024 Sep 23 (Mon)	22:25	61	04:13	80N	10:59	298
2024 Sep 24 (Tue)	23:22	60	05:13	77N	12:02	300
2024 Sep 25 (Wed)			06:11	77N	13:00	300
2024 Sep 26 (Thu)	00:21	61	07:08	78N	13:53	298
2024 Sep 27 (Fri)	01:18	64	08:00	81N	14:40	295
2024 Sep 28 (Sat)	02:12	67	08:49	85N	15:22	290
2024 Sep 29 (Sun)	03:04	72	09:34	90N	16:00	285
2024 Sep 30 (Mon)	03:52	78	10:15	86S	16:35	279
2024 Oct 01 (Tue)	04:39	83	10:55	80S	17:08	274
2024 Oct 02 (Wed)	05:24	89	11:34	75S	17:40	268
2024 Oct 03 (Thu)	06:09	95	12:13	69S	18:13	262
2024 Oct 04 (Fri)	06:55	101	12:52	63S	18:47	256
2024 Oct 05 (Sat)	07:43	107	13:34	58S	19:24	251
2024 Oct 06 (Sun)	08:32	112	14:19	53S	20:04	246
2024 Oct 07 (Mon)	09:25	116	15:08	50S	20:48	243
2024 Oct 08 (Tue)	10:20	118	15:59	47S	21:38	241
2024 Oct 09 (Wed)	11:16	120	16:54	46S	22:33	240
2024 Oct 10 (Thu)	12:12	119	17:51	47S	23:31	241
2024 Oct 11 (Fri)	13:05	117	18:47	50S		
2024 Oct 12 (Sat)	13:56	113	19:42	54S	00:31	244
2024 Oct 13 (Sun)	14:43	108	20:36	59S	01:32	249
2024 Oct 14 (Mon)	15:28	102	21:27	66S	02:32	255
2024 Oct 15 (Tue)	16:11	94	22:18	73S	03:31	262
2024 Oct 16 (Wed)	16:54	86	23:10	81S	04:30	270
2024 Oct 17 (Thu)	17:38	79			05:30	277
2024 Oct 18 (Fri)	18:25	72	00:03	88S	06:32	285
2024 Oct 19 (Sat)	19:16	66	00:58	87N	07:36	291
2024 Oct 20 (Sun)	20:11	62	01:57	81N	08:41	296
2024 Oct 21 (Mon)	21:10	60	02:58	78N	09:47	299
2024 Oct 22 (Tue)	22:11	61	04:00	77N	10:49	300
2024 Oct 23 (Wed)	23:10	63	04:59	77N	11:46	299
2024 Oct 24 (Thu)			05:55	80N	12:37	296
2024 Oct 25 (Fri)	00:06	66	06:45	84N	13:21	292
2024 Oct 26 (Sat)	00:59	71	07:32	88N	14:01	287
2024 Oct 27 (Sun)	01:49	76	08:14	88S	14:36	281
2024 Oct 28 (Mon)	02:36	82	08:55	82S	15:10	275
2024 Oct 29 (Tue)	03:22	87	09:34	76S	15:42	270

2024	Oct	30	(Wed)	04:07	94	10:12	71S	16:15	264
2024	Oct	31	(Thu)	04:52	99	10:52	65S	16:48	258
2024	Nov	01	(Fri)	05:39	105	11:33	60S	17:24	252
2024	Nov	02	(Sat)	06:29	110	12:17	55S	18:03	248
2024	Nov	03	(Sun)	07:21	114	13:05	51S	18:47	244
2024	Nov	04	(Mon)	08:15	118	13:56	48S	19:35	241
2024	Nov	05	(Tue)	09:11	119	14:50	47S	20:28	240
2024	Nov	06	(Wed)	10:07	120	15:45	47S	21:25	241
2024	Nov	07	(Thu)	11:00	118	16:41	49S	22:23	243
2024	Nov	08	(Fri)	11:51	115	17:35	52S	23:22	247
2024	Nov	09	(Sat)	12:38	110	18:27	57S		
2024	Nov	10	(Sun)	13:21	104	19:18	63S	00:20	253
2024	Nov	11	(Mon)	14:03	97	20:07	70S	01:17	259
2024	Nov	12	(Tue)	14:44	90	20:56	77S	02:14	266
2024	Nov	13	(Wed)	15:26	83	21:46	85S	03:11	274
2024	Nov	14	(Thu)	16:11	76	22:40	90N	04:11	281
2024	Nov	15	(Fri)	16:59	69	23:37	84N	05:13	288
2024	Nov	16	(Sat)	17:53	64			06:18	294
2024	Nov	17	(Sun)	18:52	61	00:37	80N	07:24	298
2024	Nov	18	(Mon)	19:53	60	01:40	77N	08:30	299
2024	Nov	19	(Tue)	20:55	62	02:43	77N	09:32	299
2024	Nov	20	(Wed)	21:55	65	03:42	79N	10:27	297
2024	Nov	21	(Thu)	22:51	69	04:37	82N	11:15	293
2024	Nov	22	(Fri)	23:43	74	05:26	86N	11:58	289
2024	Nov	23	(Sat)			06:11	90S	12:35	283
2024	Nov	24	(Sun)	00:31	80	06:52	84S	13:10	277
2024	Nov	25	(Mon)	01:18	85	07:32	78S	13:43	272
2024	Nov	26	(Tue)	02:03	91	08:10	73S	14:15	266
2024	Nov	27	(Wed)	02:48	97	08:50	67S	14:48	260
2024	Nov	28	(Thu)	03:34	103	09:30	61S	15:23	254
2024	Nov	29	(Fri)	04:23	108	10:13	56S	16:01	249
2024	Nov	30	(Sat)	05:14	113	11:00	52S	16:44	245
2024	Dec	01	(Sun)	06:09	117	11:50	49S	17:31	242
2024	Dec	02	(Mon)	07:05	119	12:44	47S	18:23	241
2024	Dec	03	(Tue)	08:01	120	13:40	47S	19:20	241
2024	Dec	04	(Wed)	08:57	119	14:37	48S	20:18	243
2024	Dec	05	(Thu)	09:48	116	15:32	51S	21:17	246
2024	Dec	06	(Fri)	10:36	111	16:24	56S	22:15	251
2024	Dec	07	(Sat)	11:20	106	17:14	61S	23:12	257
2024	Dec	08	(Sun)	12:01	100	18:02	68S		
2024	Dec	09	(Mon)	12:41	93	18:49	75S	00:07	264
2024	Dec	10	(Tue)	13:21	85	19:37	82S	01:02	271
2024	Dec	11	(Wed)	14:03	78	20:27	89S	01:58	278
2024	Dec	12	(Thu)	14:48	72	21:21	87N	02:56	285
2024	Dec	13	(Fri)	15:38	66	22:19	82N	03:58	291
2024	Dec	14	(Sat)	16:33	63	23:20	78N	05:03	296
2024	Dec	15	(Sun)	17:33	61			06:09	299
2024	Dec	16	(Mon)	18:36	61	00:23	77N	07:13	299
2024	Dec	17	(Tue)	19:38	63	01:25	78N	08:12	298
2024	Dec	18	(Wed)	20:37	67	02:23	80N	09:04	295
2024	Dec	19	(Thu)	21:32	72	03:15	84N	09:50	291
2024	Dec	20	(Fri)	22:23	77	04:03	89N	10:31	285
2024	Dec	21	(Sat)	23:11	83	04:47	86S	11:07	280
2024	Dec	22	(Sun)	23:57	89	05:28	81S	11:41	274
2024	Dec	23	(Mon)			06:07	75S	12:14	268
2024	Dec	24	(Tue)	00:42	95	06:46	69S	12:47	262
2024	Dec	25	(Wed)	01:28	101	07:26	63S	13:21	256
2024	Dec	26	(Thu)	02:15	107	08:08	58S	13:57	251
2024	Dec	27	(Fri)	03:06	111	08:53	54S	14:38	247
2024	Dec	28	(Sat)	03:59	115	09:42	50S	15:23	243
2024	Dec	29	(Sun)	04:55	118	10:35	48S	16:14	241
2024	Dec	30	(Mon)	05:52	120	11:31	47S	17:10	240
2024	Dec	31	(Tue)	06:49	119	12:28	47S	18:09	242