

Sun

VTMG

Location: E101°32'00.0", N14°36'00.0", 4230m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

2024	Feb	25	(Sun)	05:47	06:33	99	12:27	67S	18:21	261	19:07
2024	Feb	26	(Mon)	05:46	06:33	99	12:27	67S	18:21	261	19:08
2024	Feb	27	(Tue)	05:46	06:32	99	12:27	68S	18:21	261	19:08
2024	Feb	28	(Wed)	05:45	06:32	98	12:27	68S	18:21	262	19:08
2024	Feb	29	(Thu)	05:45	06:31	98	12:26	68S	18:22	262	19:08
2024	Mar	01	(Fri)	05:44	06:31	98	12:26	69S	18:22	263	19:08
2024	Mar	02	(Sat)	05:44	06:30	97	12:26	69S	18:22	263	19:08
2024	Mar	03	(Sun)	05:43	06:29	97	12:26	69S	18:22	263	19:09
2024	Mar	04	(Mon)	05:42	06:29	96	12:26	70S	18:22	264	19:09
2024	Mar	05	(Tue)	05:42	06:28	96	12:25	70S	18:23	264	19:09
2024	Mar	06	(Wed)	05:41	06:27	96	12:25	71S	18:23	265	19:09
2024	Mar	07	(Thu)	05:41	06:27	95	12:25	71S	18:23	265	19:09
2024	Mar	08	(Fri)	05:40	06:26	95	12:25	71S	18:23	265	19:09
2024	Mar	09	(Sat)	05:39	06:26	94	12:24	72S	18:23	266	19:10
2024	Mar	10	(Sun)	05:39	06:25	94	12:24	72S	18:23	266	19:10
2024	Mar	11	(Mon)	05:38	06:24	94	12:24	73S	18:24	267	19:10
2024	Mar	12	(Tue)	05:37	06:24	93	12:24	73S	18:24	267	19:10
2024	Mar	13	(Wed)	05:37	06:23	93	12:23	73S	18:24	267	19:10
2024	Mar	14	(Thu)	05:36	06:22	92	12:23	74S	18:24	268	19:10
2024	Mar	15	(Fri)	05:35	06:21	92	12:23	74S	18:24	268	19:10
2024	Mar	16	(Sat)	05:35	06:21	91	12:22	75S	18:24	269	19:10
2024	Mar	17	(Sun)	05:34	06:20	91	12:22	75S	18:24	269	19:11
2024	Mar	18	(Mon)	05:33	06:19	91	12:22	75S	18:25	270	19:11
2024	Mar	19	(Tue)	05:33	06:19	90	12:22	76S	18:25	270	19:11
2024	Mar	20	(Wed)	05:32	06:18	90	12:21	76S	18:25	270	19:11
2024	Mar	21	(Thu)	05:31	06:17	89	12:21	77S	18:25	271	19:11
2024	Mar	22	(Fri)	05:30	06:17	89	12:21	77S	18:25	271	19:11
2024	Mar	23	(Sat)	05:30	06:16	89	12:20	77S	18:25	272	19:11
2024	Mar	24	(Sun)	05:29	06:15	88	12:20	78S	18:25	272	19:11
2024	Mar	25	(Mon)	05:28	06:14	88	12:20	78S	18:25	272	19:12
2024	Mar	26	(Tue)	05:27	06:14	87	12:19	79S	18:25	273	19:12
2024	Mar	27	(Wed)	05:27	06:13	87	12:19	79S	18:26	273	19:12
2024	Mar	28	(Thu)	05:26	06:12	87	12:19	79S	18:26	274	19:12
2024	Mar	29	(Fri)	05:25	06:12	86	12:19	80S	18:26	274	19:12
2024	Mar	30	(Sat)	05:24	06:11	86	12:18	80S	18:26	274	19:12
2024	Mar	31	(Sun)	05:24	06:10	85	12:18	80S	18:26	275	19:12
2024	Apr	01	(Mon)	05:23	06:09	85	12:18	81S	18:26	275	19:13
2024	Apr	02	(Tue)	05:22	06:09	85	12:17	81S	18:26	276	19:13
2024	Apr	03	(Wed)	05:22	06:08	84	12:17	82S	18:26	276	19:13
2024	Apr	04	(Thu)	05:21	06:07	84	12:17	82S	18:26	276	19:13
2024	Apr	05	(Fri)	05:20	06:07	83	12:16	82S	18:27	277	19:13
2024	Apr	06	(Sat)	05:19	06:06	83	12:16	83S	18:27	277	19:13
2024	Apr	07	(Sun)	05:19	06:05	83	12:16	83S	18:27	278	19:14
2024	Apr	08	(Mon)	05:18	06:05	82	12:16	83S	18:27	278	19:14
2024	Apr	09	(Tue)	05:17	06:04	82	12:15	84S	18:27	278	19:14
2024	Apr	10	(Wed)	05:16	06:03	81	12:15	84S	18:27	279	19:14
2024	Apr	11	(Thu)	05:16	06:03	81	12:15	85S	18:27	279	19:14
2024	Apr	12	(Fri)	05:15	06:02	81	12:15	85S	18:27	279	19:14
2024	Apr	13	(Sat)	05:14	06:01	80	12:14	85S	18:28	280	19:15
2024	Apr	14	(Sun)	05:14	06:01	80	12:14	86S	18:28	280	19:15
2024	Apr	15	(Mon)	05:13	06:00	80	12:14	86S	18:28	281	19:15
2024	Apr	16	(Tue)	05:12	05:59	79	12:14	86S	18:28	281	19:15
2024	Apr	17	(Wed)	05:12	05:59	79	12:13	87S	18:28	281	19:16
2024	Apr	18	(Thu)	05:11	05:58	78	12:13	87S	18:28	282	19:16
2024	Apr	19	(Fri)	05:10	05:58	78	12:13	87S	18:28	282	19:16
2024	Apr	20	(Sat)	05:09	05:57	78	12:13	88S	18:29	282	19:16
2024	Apr	21	(Sun)	05:09	05:56	77	12:13	88S	18:29	283	19:16
2024	Apr	22	(Mon)	05:08	05:56	77	12:12	88S	18:29	283	19:17
2024	Apr	23	(Tue)	05:08	05:55	77	12:12	89S	18:29	283	19:17
2024	Apr	24	(Wed)	05:07	05:55	76	12:12	89S	18:29	284	19:17
2024	Apr	25	(Thu)	05:06	05:54	76	12:12	89S	18:30	284	19:18
2024	Apr	26	(Fri)	05:06	05:54	76	12:12	90S	18:30	284	19:18
2024	Apr	27	(Sat)	05:05	05:53	75	12:11	90S	18:30	285	19:18
2024	Apr	28	(Sun)	05:05	05:53	75	12:11	90S	18:30	285	19:18
2024	Apr	29	(Mon)	05:04	05:52	75	12:11	91N	18:30	285	19:19
2024	Apr	30	(Tue)	05:03	05:52	74	12:11	90N	18:31	286	19:19
2024	May	01	(Wed)	05:03	05:51	74	12:11	90N	18:31	286	19:19

2024	May	02	(Thu)	05:02	05:51	74	12:11	90N	18:31	286	19:20
2024	May	03	(Fri)	05:02	05:50	73	12:11	89N	18:31	287	19:20
2024	May	04	(Sat)	05:01	05:50	73	12:11	89N	18:32	287	19:20
2024	May	05	(Sun)	05:01	05:49	73	12:11	89N	18:32	287	19:21
2024	May	06	(Mon)	05:00	05:49	73	12:10	89N	18:32	288	19:21
2024	May	07	(Tue)	05:00	05:49	72	12:10	88N	18:32	288	19:21
2024	May	08	(Wed)	04:59	05:48	72	12:10	88N	18:33	288	19:22
2024	May	09	(Thu)	04:59	05:48	72	12:10	88N	18:33	288	19:22
2024	May	10	(Fri)	04:58	05:48	71	12:10	88N	18:33	289	19:22
2024	May	11	(Sat)	04:58	05:47	71	12:10	87N	18:33	289	19:23
2024	May	12	(Sun)	04:58	05:47	71	12:10	87N	18:34	289	19:23
2024	May	13	(Mon)	04:57	05:47	71	12:10	87N	18:34	289	19:23
2024	May	14	(Tue)	04:57	05:46	70	12:10	87N	18:34	290	19:24
2024	May	15	(Wed)	04:56	05:46	70	12:10	86N	18:35	290	19:24
2024	May	16	(Thu)	04:56	05:46	70	12:10	86N	18:35	290	19:25
2024	May	17	(Fri)	04:56	05:46	70	12:10	86N	18:35	290	19:25
2024	May	18	(Sat)	04:55	05:45	69	12:10	86N	18:35	291	19:25
2024	May	19	(Sun)	04:55	05:45	69	12:10	85N	18:36	291	19:26
2024	May	20	(Mon)	04:55	05:45	69	12:10	85N	18:36	291	19:26
2024	May	21	(Tue)	04:55	05:45	69	12:10	85N	18:36	291	19:27
2024	May	22	(Wed)	04:54	05:45	69	12:11	85N	18:37	291	19:27
2024	May	23	(Thu)	04:54	05:44	68	12:11	85N	18:37	292	19:27
2024	May	24	(Fri)	04:54	05:44	68	12:11	84N	18:37	292	19:28
2024	May	25	(Sat)	04:54	05:44	68	12:11	84N	18:38	292	19:28
2024	May	26	(Sun)	04:54	05:44	68	12:11	84N	18:38	292	19:29
2024	May	27	(Mon)	04:53	05:44	68	12:11	84N	18:38	292	19:29
2024	May	28	(Tue)	04:53	05:44	68	12:11	84N	18:39	293	19:29
2024	May	29	(Wed)	04:53	05:44	67	12:11	84N	18:39	293	19:30
2024	May	30	(Thu)	04:53	05:44	67	12:11	83N	18:39	293	19:30
2024	May	31	(Fri)	04:53	05:44	67	12:12	83N	18:40	293	19:30
2024	Jun	01	(Sat)	04:53	05:44	67	12:12	83N	18:40	293	19:31
2024	Jun	02	(Sun)	04:53	05:44	67	12:12	83N	18:40	293	19:31
2024	Jun	03	(Mon)	04:53	05:44	67	12:12	83N	18:41	293	19:32
2024	Jun	04	(Tue)	04:53	05:44	67	12:12	83N	18:41	294	19:32
2024	Jun	05	(Wed)	04:53	05:44	66	12:12	83N	18:41	294	19:32
2024	Jun	06	(Thu)	04:53	05:44	66	12:13	83N	18:41	294	19:33
2024	Jun	07	(Fri)	04:53	05:44	66	12:13	83N	18:42	294	19:33
2024	Jun	08	(Sat)	04:53	05:44	66	12:13	82N	18:42	294	19:33
2024	Jun	09	(Sun)	04:53	05:44	66	12:13	82N	18:42	294	19:34
2024	Jun	10	(Mon)	04:53	05:44	66	12:13	82N	18:43	294	19:34
2024	Jun	11	(Tue)	04:53	05:44	66	12:14	82N	18:43	294	19:34
2024	Jun	12	(Wed)	04:53	05:44	66	12:14	82N	18:43	294	19:35
2024	Jun	13	(Thu)	04:53	05:45	66	12:14	82N	18:44	294	19:35
2024	Jun	14	(Fri)	04:53	05:45	66	12:14	82N	18:44	294	19:35
2024	Jun	15	(Sat)	04:53	05:45	66	12:14	82N	18:44	294	19:36
2024	Jun	16	(Sun)	04:54	05:45	66	12:15	82N	18:44	294	19:36
2024	Jun	17	(Mon)	04:54	05:45	66	12:15	82N	18:45	294	19:36
2024	Jun	18	(Tue)	04:54	05:45	66	12:15	82N	18:45	294	19:36
2024	Jun	19	(Wed)	04:54	05:46	66	12:15	82N	18:45	295	19:37
2024	Jun	20	(Thu)	04:54	05:46	65	12:16	82N	18:45	295	19:37
2024	Jun	21	(Fri)	04:54	05:46	65	12:16	82N	18:45	295	19:37
2024	Jun	22	(Sat)	04:55	05:46	65	12:16	82N	18:46	294	19:37
2024	Jun	23	(Sun)	04:55	05:46	66	12:16	82N	18:46	294	19:37
2024	Jun	24	(Mon)	04:55	05:47	66	12:16	82N	18:46	294	19:38
2024	Jun	25	(Tue)	04:55	05:47	66	12:17	82N	18:46	294	19:38
2024	Jun	26	(Wed)	04:56	05:47	66	12:17	82N	18:46	294	19:38
2024	Jun	27	(Thu)	04:56	05:47	66	12:17	82N	18:47	294	19:38
2024	Jun	28	(Fri)	04:56	05:48	66	12:17	82N	18:47	294	19:38
2024	Jun	29	(Sat)	04:57	05:48	66	12:17	82N	18:47	294	19:38
2024	Jun	30	(Sun)	04:57	05:48	66	12:18	82N	18:47	294	19:38
2024	Jul	01	(Mon)	04:57	05:49	66	12:18	82N	18:47	294	19:38
2024	Jul	02	(Tue)	04:57	05:49	66	12:18	82N	18:47	294	19:38
2024	Jul	03	(Wed)	04:58	05:49	66	12:18	82N	18:47	294	19:39
2024	Jul	04	(Thu)	04:58	05:49	66	12:18	82N	18:47	294	19:39
2024	Jul	05	(Fri)	04:58	05:50	66	12:19	83N	18:47	294	19:39
2024	Jul	06	(Sat)	04:59	05:50	66	12:19	83N	18:47	294	19:39
2024	Jul	07	(Sun)	04:59	05:50	66	12:19	83N	18:47	294	19:39

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

2024	Sep	13	(Fri)	05:16	06:03	86	12:10	80S	18:17	274	19:03
2024	Sep	14	(Sat)	05:16	06:03	86	12:09	79S	18:16	273	19:02
2024	Sep	15	(Sun)	05:16	06:03	87	12:09	79S	18:15	273	19:01
2024	Sep	16	(Mon)	05:16	06:03	87	12:09	79S	18:14	273	19:01
2024	Sep	17	(Tue)	05:16	06:03	88	12:08	78S	18:14	272	19:00
2024	Sep	18	(Wed)	05:16	06:03	88	12:08	78S	18:13	272	18:59
2024	Sep	19	(Thu)	05:17	06:03	88	12:08	77S	18:12	271	18:58
2024	Sep	20	(Fri)	05:17	06:03	89	12:07	77S	18:11	271	18:58
2024	Sep	21	(Sat)	05:17	06:03	89	12:07	77S	18:11	271	18:57
2024	Sep	22	(Sun)	05:17	06:03	90	12:07	76S	18:10	270	18:56
2024	Sep	23	(Mon)	05:17	06:03	90	12:06	76S	18:09	270	18:55
2024	Sep	24	(Tue)	05:17	06:03	90	12:06	75S	18:08	269	18:55
2024	Sep	25	(Wed)	05:17	06:03	91	12:05	75S	18:08	269	18:54
2024	Sep	26	(Thu)	05:17	06:03	91	12:05	75S	18:07	269	18:53
2024	Sep	27	(Fri)	05:17	06:03	92	12:05	74S	18:06	268	18:52
2024	Sep	28	(Sat)	05:17	06:03	92	12:04	74S	18:05	268	18:52
2024	Sep	29	(Sun)	05:17	06:03	92	12:04	74S	18:05	267	18:51
2024	Sep	30	(Mon)	05:17	06:03	93	12:04	73S	18:04	267	18:50
2024	Oct	01	(Tue)	05:17	06:04	93	12:03	73S	18:03	267	18:49
2024	Oct	02	(Wed)	05:17	06:04	94	12:03	72S	18:02	266	18:49
2024	Oct	03	(Thu)	05:17	06:04	94	12:03	72S	18:02	266	18:48
2024	Oct	04	(Fri)	05:18	06:04	94	12:03	72S	18:01	265	18:47
2024	Oct	05	(Sat)	05:18	06:04	95	12:02	71S	18:00	265	18:47
2024	Oct	06	(Sun)	05:18	06:04	95	12:02	71S	18:00	265	18:46
2024	Oct	07	(Mon)	05:18	06:04	96	12:02	70S	17:59	264	18:45
2024	Oct	08	(Tue)	05:18	06:04	96	12:01	70S	17:58	264	18:45
2024	Oct	09	(Wed)	05:18	06:04	96	12:01	70S	17:58	263	18:44
2024	Oct	10	(Thu)	05:18	06:04	97	12:01	69S	17:57	263	18:43
2024	Oct	11	(Fri)	05:18	06:05	97	12:01	69S	17:56	263	18:43
2024	Oct	12	(Sat)	05:18	06:05	98	12:00	69S	17:56	262	18:42
2024	Oct	13	(Sun)	05:18	06:05	98	12:00	68S	17:55	262	18:41
2024	Oct	14	(Mon)	05:19	06:05	98	12:00	68S	17:54	262	18:41
2024	Oct	15	(Tue)	05:19	06:05	99	12:00	67S	17:54	261	18:40
2024	Oct	16	(Wed)	05:19	06:05	99	11:59	67S	17:53	261	18:40
2024	Oct	17	(Thu)	05:19	06:06	99	11:59	67S	17:53	260	18:39
2024	Oct	18	(Fri)	05:19	06:06	100	11:59	66S	17:52	260	18:39
2024	Oct	19	(Sat)	05:19	06:06	100	11:59	66S	17:51	260	18:38
2024	Oct	20	(Sun)	05:19	06:06	101	11:59	66S	17:51	259	18:38
2024	Oct	21	(Mon)	05:20	06:06	101	11:58	65S	17:50	259	18:37
2024	Oct	22	(Tue)	05:20	06:07	101	11:58	65S	17:50	259	18:37
2024	Oct	23	(Wed)	05:20	06:07	102	11:58	65S	17:49	258	18:36
2024	Oct	24	(Thu)	05:20	06:07	102	11:58	64S	17:49	258	18:36
2024	Oct	25	(Fri)	05:20	06:07	102	11:58	64S	17:48	257	18:35
2024	Oct	26	(Sat)	05:20	06:08	103	11:58	64S	17:48	257	18:35
2024	Oct	27	(Sun)	05:21	06:08	103	11:58	63S	17:47	257	18:35
2024	Oct	28	(Mon)	05:21	06:08	103	11:58	63S	17:47	256	18:34
2024	Oct	29	(Tue)	05:21	06:08	104	11:58	63S	17:47	256	18:34
2024	Oct	30	(Wed)	05:21	06:09	104	11:58	62S	17:46	256	18:33
2024	Oct	31	(Thu)	05:22	06:09	104	11:57	62S	17:46	255	18:33
2024	Nov	01	(Fri)	05:22	06:09	105	11:57	62S	17:45	255	18:33
2024	Nov	02	(Sat)	05:22	06:10	105	11:57	61S	17:45	255	18:33
2024	Nov	03	(Sun)	05:22	06:10	105	11:57	61S	17:45	254	18:32
2024	Nov	04	(Mon)	05:23	06:10	106	11:57	61S	17:44	254	18:32
2024	Nov	05	(Tue)	05:23	06:11	106	11:57	60S	17:44	254	18:32
2024	Nov	06	(Wed)	05:23	06:11	106	11:58	60S	17:44	253	18:32
2024	Nov	07	(Thu)	05:24	06:11	107	11:58	60S	17:43	253	18:31
2024	Nov	08	(Fri)	05:24	06:12	107	11:58	59S	17:43	253	18:31
2024	Nov	09	(Sat)	05:24	06:12	107	11:58	59S	17:43	253	18:31
2024	Nov	10	(Sun)	05:25	06:13	108	11:58	59S	17:43	252	18:31
2024	Nov	11	(Mon)	05:25	06:13	108	11:58	59S	17:43	252	18:31
2024	Nov	12	(Tue)	05:25	06:14	108	11:58	58S	17:42	252	18:31
2024	Nov	13	(Wed)	05:26	06:14	108	11:58	58S	17:42	251	18:31
2024	Nov	14	(Thu)	05:26	06:14	109	11:58	58S	17:42	251	18:30
2024	Nov	15	(Fri)	05:26	06:15	109	11:58	58S	17:42	251	18:30
2024	Nov	16	(Sat)	05:27	06:15	109	11:59	57S	17:42	251	18:30
2024	Nov	17	(Sun)	05:27	06:16	109	11:59	57S	17:42	250	18:30
2024	Nov	18	(Mon)	05:28	06:16	110	11:59	57S	17:42	250	18:30

2024	Nov	19	(Tue)	05:28	06:17	110	11:59	57S	17:42	250	18:30
2024	Nov	20	(Wed)	05:28	06:17	110	12:00	56S	17:42	250	18:30
2024	Nov	21	(Thu)	05:29	06:18	110	12:00	56S	17:42	249	18:31
2024	Nov	22	(Fri)	05:29	06:18	111	12:00	56S	17:42	249	18:31
2024	Nov	23	(Sat)	05:30	06:19	111	12:00	56S	17:42	249	18:31
2024	Nov	24	(Sun)	05:30	06:19	111	12:01	55S	17:42	249	18:31
2024	Nov	25	(Mon)	05:31	06:20	111	12:01	55S	17:42	249	18:31
2024	Nov	26	(Tue)	05:31	06:20	111	12:01	55S	17:42	248	18:31
2024	Nov	27	(Wed)	05:32	06:21	112	12:02	55S	17:42	248	18:31
2024	Nov	28	(Thu)	05:32	06:21	112	12:02	55S	17:42	248	18:31
2024	Nov	29	(Fri)	05:33	06:22	112	12:02	55S	17:42	248	18:32
2024	Nov	30	(Sat)	05:33	06:23	112	12:03	54S	17:43	248	18:32
2024	Dec	01	(Sun)	05:34	06:23	112	12:03	54S	17:43	248	18:32
2024	Dec	02	(Mon)	05:34	06:24	113	12:03	54S	17:43	247	18:32
2024	Dec	03	(Tue)	05:35	06:24	113	12:04	54S	17:43	247	18:33
2024	Dec	04	(Wed)	05:35	06:25	113	12:04	54S	17:43	247	18:33
2024	Dec	05	(Thu)	05:36	06:25	113	12:05	54S	17:44	247	18:33
2024	Dec	06	(Fri)	05:36	06:26	113	12:05	54S	17:44	247	18:34
2024	Dec	07	(Sat)	05:37	06:26	113	12:05	53S	17:44	247	18:34
2024	Dec	08	(Sun)	05:37	06:27	113	12:06	53S	17:45	247	18:34
2024	Dec	09	(Mon)	05:38	06:28	113	12:06	53S	17:45	247	18:35
2024	Dec	10	(Tue)	05:38	06:28	114	12:07	53S	17:45	246	18:35
2024	Dec	11	(Wed)	05:39	06:29	114	12:07	53S	17:46	246	18:35
2024	Dec	12	(Thu)	05:39	06:29	114	12:08	53S	17:46	246	18:36
2024	Dec	13	(Fri)	05:40	06:30	114	12:08	53S	17:46	246	18:36
2024	Dec	14	(Sat)	05:40	06:30	114	12:09	53S	17:47	246	18:37
2024	Dec	15	(Sun)	05:41	06:31	114	12:09	53S	17:47	246	18:37
2024	Dec	16	(Mon)	05:41	06:31	114	12:10	53S	17:48	246	18:38
2024	Dec	17	(Tue)	05:42	06:32	114	12:10	53S	17:48	246	18:38
2024	Dec	18	(Wed)	05:43	06:33	114	12:11	53S	17:49	246	18:39
2024	Dec	19	(Thu)	05:43	06:33	114	12:11	53S	17:49	246	18:39
2024	Dec	20	(Fri)	05:44	06:34	114	12:12	53S	17:50	246	18:40
2024	Dec	21	(Sat)	05:44	06:34	114	12:12	53S	17:50	246	18:40
2024	Dec	22	(Sun)	05:45	06:35	114	12:13	53S	17:51	246	18:41
2024	Dec	23	(Mon)	05:45	06:35	114	12:13	53S	17:51	246	18:41
2024	Dec	24	(Tue)	05:46	06:36	114	12:14	53S	17:52	246	18:42
2024	Dec	25	(Wed)	05:46	06:36	114	12:14	53S	17:52	246	18:42
2024	Dec	26	(Thu)	05:46	06:36	114	12:15	53S	17:53	246	18:43
2024	Dec	27	(Fri)	05:47	06:37	114	12:15	53S	17:53	246	18:43
2024	Dec	28	(Sat)	05:47	06:37	114	12:15	53S	17:54	246	18:44
2024	Dec	29	(Sun)	05:48	06:38	114	12:16	53S	17:54	246	18:44
2024	Dec	30	(Mon)	05:48	06:38	114	12:16	53S	17:55	246	18:45
2024	Dec	31	(Tue)	05:49	06:39	114	12:17	53S	17:55	246	18:45

Sun

VTMG

Location: E101°32'00.0", N14°36'00.0", 4230m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight h m	Rise h m °	Az. °	Transit Alt. h m °	Set h m °	Az. °	End Civil Twilight h m				
2024	Jan	01	(Mon)	06:15	06:39	114	12:17	53S	17:56	246	18:19
2024	Jan	02	(Tue)	06:16	06:39	114	12:18	53S	17:56	246	18:19
2024	Jan	03	(Wed)	06:16	06:39	113	12:18	53S	17:57	247	18:20
2024	Jan	04	(Thu)	06:17	06:40	113	12:18	53S	17:57	247	18:20
2024	Jan	05	(Fri)	06:17	06:40	113	12:19	53S	17:58	247	18:21
2024	Jan	06	(Sat)	06:17	06:40	113	12:19	54S	17:58	247	18:21
2024	Jan	07	(Sun)	06:18	06:41	113	12:20	54S	17:59	247	18:22
2024	Jan	08	(Mon)	06:18	06:41	113	12:20	54S	18:00	247	18:23
2024	Jan	09	(Tue)	06:18	06:41	113	12:21	54S	18:00	247	18:23
2024	Jan	10	(Wed)	06:18	06:41	113	12:21	54S	18:01	247	18:24
2024	Jan	11	(Thu)	06:19	06:42	112	12:21	54S	18:01	248	18:24

2024	Jan	12	(Fri)	06:19	06:42	112	12:22	54S	18:02	248	18:25
2024	Jan	13	(Sat)	06:19	06:42	112	12:22	55S	18:02	248	18:25
2024	Jan	14	(Sun)	06:19	06:42	112	12:23	55S	18:03	248	18:26
2024	Jan	15	(Mon)	06:20	06:42	112	12:23	55S	18:04	248	18:27
2024	Jan	16	(Tue)	06:20	06:43	112	12:23	55S	18:04	249	18:27
2024	Jan	17	(Wed)	06:20	06:43	111	12:24	55S	18:05	249	18:28
2024	Jan	18	(Thu)	06:20	06:43	111	12:24	55S	18:05	249	18:28
2024	Jan	19	(Fri)	06:20	06:43	111	12:24	56S	18:06	249	18:29
2024	Jan	20	(Sat)	06:20	06:43	111	12:25	56S	18:06	249	18:29
2024	Jan	21	(Sun)	06:20	06:43	111	12:25	56S	18:07	250	18:30
2024	Jan	22	(Mon)	06:20	06:43	110	12:25	56S	18:08	250	18:30
2024	Jan	23	(Tue)	06:20	06:43	110	12:25	57S	18:08	250	18:31
2024	Jan	24	(Wed)	06:20	06:43	110	12:26	57S	18:09	250	18:31
2024	Jan	25	(Thu)	06:20	06:43	110	12:26	57S	18:09	251	18:32
2024	Jan	26	(Fri)	06:20	06:43	109	12:26	57S	18:10	251	18:32
2024	Jan	27	(Sat)	06:20	06:43	109	12:26	58S	18:10	251	18:33
2024	Jan	28	(Sun)	06:20	06:43	109	12:27	58S	18:11	251	18:33
2024	Jan	29	(Mon)	06:20	06:43	109	12:27	58S	18:11	252	18:34
2024	Jan	30	(Tue)	06:20	06:43	108	12:27	58S	18:12	252	18:34
2024	Jan	31	(Wed)	06:20	06:42	108	12:27	59S	18:12	252	18:34
2024	Feb	01	(Thu)	06:20	06:42	108	12:27	59S	18:12	252	18:35
2024	Feb	02	(Fri)	06:20	06:42	107	12:27	59S	18:13	253	18:35
2024	Feb	03	(Sat)	06:20	06:42	107	12:28	59S	18:13	253	18:36
2024	Feb	04	(Sun)	06:19	06:42	107	12:28	60S	18:14	253	18:36
2024	Feb	05	(Mon)	06:19	06:41	106	12:28	60S	18:14	254	18:36
2024	Feb	06	(Tue)	06:19	06:41	106	12:28	60S	18:15	254	18:37
2024	Feb	07	(Wed)	06:19	06:41	106	12:28	61S	18:15	254	18:37
2024	Feb	08	(Thu)	06:19	06:41	106	12:28	61S	18:15	255	18:38
2024	Feb	09	(Fri)	06:18	06:40	105	12:28	61S	18:16	255	18:38
2024	Feb	10	(Sat)	06:18	06:40	105	12:28	62S	18:16	255	18:38
2024	Feb	11	(Sun)	06:18	06:40	105	12:28	62S	18:17	256	18:39
2024	Feb	12	(Mon)	06:17	06:39	104	12:28	62S	18:17	256	18:39
2024	Feb	13	(Tue)	06:17	06:39	104	12:28	63S	18:17	256	18:39
2024	Feb	14	(Wed)	06:17	06:39	103	12:28	63S	18:18	257	18:40
2024	Feb	15	(Thu)	06:16	06:38	103	12:28	63S	18:18	257	18:40
2024	Feb	16	(Fri)	06:16	06:38	103	12:28	64S	18:18	257	18:40
2024	Feb	17	(Sat)	06:16	06:37	102	12:28	64S	18:19	258	18:40
2024	Feb	18	(Sun)	06:15	06:37	102	12:28	64S	18:19	258	18:41
2024	Feb	19	(Mon)	06:15	06:36	102	12:28	65S	18:19	258	18:41
2024	Feb	20	(Tue)	06:14	06:36	101	12:28	65S	18:20	259	18:41
2024	Feb	21	(Wed)	06:14	06:35	101	12:28	65S	18:20	259	18:41
2024	Feb	22	(Thu)	06:13	06:35	101	12:27	66S	18:20	260	18:42
2024	Feb	23	(Fri)	06:13	06:34	100	12:27	66S	18:20	260	18:42
2024	Feb	24	(Sat)	06:12	06:34	100	12:27	66S	18:21	260	18:42
2024	Feb	25	(Sun)	06:12	06:33	99	12:27	67S	18:21	261	18:42
2024	Feb	26	(Mon)	06:11	06:33	99	12:27	67S	18:21	261	18:43
2024	Feb	27	(Tue)	06:11	06:32	99	12:27	68S	18:21	261	18:43
2024	Feb	28	(Wed)	06:10	06:32	98	12:27	68S	18:21	262	18:43
2024	Feb	29	(Thu)	06:10	06:31	98	12:26	68S	18:22	262	18:43
2024	Mar	01	(Fri)	06:09	06:31	98	12:26	69S	18:22	263	18:43
2024	Mar	02	(Sat)	06:08	06:30	97	12:26	69S	18:22	263	18:44
2024	Mar	03	(Sun)	06:08	06:29	97	12:26	69S	18:22	263	18:44
2024	Mar	04	(Mon)	06:07	06:29	96	12:26	70S	18:22	264	18:44
2024	Mar	05	(Tue)	06:07	06:28	96	12:25	70S	18:23	264	18:44
2024	Mar	06	(Wed)	06:06	06:27	96	12:25	71S	18:23	265	18:44
2024	Mar	07	(Thu)	06:05	06:27	95	12:25	71S	18:23	265	18:44
2024	Mar	08	(Fri)	06:05	06:26	95	12:25	71S	18:23	265	18:45
2024	Mar	09	(Sat)	06:04	06:26	94	12:24	72S	18:23	266	18:45
2024	Mar	10	(Sun)	06:03	06:25	94	12:24	72S	18:23	266	18:45
2024	Mar	11	(Mon)	06:03	06:24	94	12:24	73S	18:24	267	18:45
2024	Mar	12	(Tue)	06:02	06:24	93	12:24	73S	18:24	267	18:45
2024	Mar	13	(Wed)	06:01	06:23	93	12:23	73S	18:24	267	18:45
2024	Mar	14	(Thu)	06:01	06:22	92	12:23	74S	18:24	268	18:45
2024	Mar	15	(Fri)	06:00	06:21	92	12:23	74S	18:24	268	18:46
2024	Mar	16	(Sat)	05:59	06:21	91	12:22	75S	18:24	269	18:46
2024	Mar	17	(Sun)	05:59	06:20	91	12:22	75S	18:24	269	18:46
2024	Mar	18	(Mon)	05:58	06:19	91	12:22	75S	18:25	270	18:46

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

2024	May	25	(Sat)	05:21	05:44	68	12:11	84N	18:38	292	19:01
2024	May	26	(Sun)	05:21	05:44	68	12:11	84N	18:38	292	19:01
2024	May	27	(Mon)	05:21	05:44	68	12:11	84N	18:38	292	19:02
2024	May	28	(Tue)	05:21	05:44	68	12:11	84N	18:39	293	19:02
2024	May	29	(Wed)	05:21	05:44	67	12:11	84N	18:39	293	19:02
2024	May	30	(Thu)	05:20	05:44	67	12:11	83N	18:39	293	19:03
2024	May	31	(Fri)	05:20	05:44	67	12:12	83N	18:40	293	19:03
2024	Jun	01	(Sat)	05:20	05:44	67	12:12	83N	18:40	293	19:03
2024	Jun	02	(Sun)	05:20	05:44	67	12:12	83N	18:40	293	19:04
2024	Jun	03	(Mon)	05:20	05:44	67	12:12	83N	18:41	293	19:04
2024	Jun	04	(Tue)	05:20	05:44	67	12:12	83N	18:41	294	19:04
2024	Jun	05	(Wed)	05:20	05:44	66	12:12	83N	18:41	294	19:05
2024	Jun	06	(Thu)	05:20	05:44	66	12:13	83N	18:41	294	19:05
2024	Jun	07	(Fri)	05:20	05:44	66	12:13	83N	18:42	294	19:05
2024	Jun	08	(Sat)	05:20	05:44	66	12:13	82N	18:42	294	19:06
2024	Jun	09	(Sun)	05:21	05:44	66	12:13	82N	18:42	294	19:06
2024	Jun	10	(Mon)	05:21	05:44	66	12:13	82N	18:43	294	19:06
2024	Jun	11	(Tue)	05:21	05:44	66	12:14	82N	18:43	294	19:07
2024	Jun	12	(Wed)	05:21	05:44	66	12:14	82N	18:43	294	19:07
2024	Jun	13	(Thu)	05:21	05:45	66	12:14	82N	18:44	294	19:07
2024	Jun	14	(Fri)	05:21	05:45	66	12:14	82N	18:44	294	19:07
2024	Jun	15	(Sat)	05:21	05:45	66	12:14	82N	18:44	294	19:08
2024	Jun	16	(Sun)	05:21	05:45	66	12:15	82N	18:44	294	19:08
2024	Jun	17	(Mon)	05:22	05:45	66	12:15	82N	18:45	294	19:08
2024	Jun	18	(Tue)	05:22	05:45	66	12:15	82N	18:45	294	19:08
2024	Jun	19	(Wed)	05:22	05:46	66	12:15	82N	18:45	295	19:09
2024	Jun	20	(Thu)	05:22	05:46	65	12:16	82N	18:45	295	19:09
2024	Jun	21	(Fri)	05:22	05:46	65	12:16	82N	18:45	295	19:09
2024	Jun	22	(Sat)	05:23	05:46	65	12:16	82N	18:46	294	19:09
2024	Jun	23	(Sun)	05:23	05:46	66	12:16	82N	18:46	294	19:10
2024	Jun	24	(Mon)	05:23	05:47	66	12:16	82N	18:46	294	19:10
2024	Jun	25	(Tue)	05:23	05:47	66	12:17	82N	18:46	294	19:10
2024	Jun	26	(Wed)	05:24	05:47	66	12:17	82N	18:46	294	19:10
2024	Jun	27	(Thu)	05:24	05:47	66	12:17	82N	18:47	294	19:10
2024	Jun	28	(Fri)	05:24	05:48	66	12:17	82N	18:47	294	19:10
2024	Jun	29	(Sat)	05:24	05:48	66	12:17	82N	18:47	294	19:10
2024	Jun	30	(Sun)	05:25	05:48	66	12:18	82N	18:47	294	19:11
2024	Jul	01	(Mon)	05:25	05:49	66	12:18	82N	18:47	294	19:11
2024	Jul	02	(Tue)	05:25	05:49	66	12:18	82N	18:47	294	19:11
2024	Jul	03	(Wed)	05:26	05:49	66	12:18	82N	18:47	294	19:11
2024	Jul	04	(Thu)	05:26	05:49	66	12:18	82N	18:47	294	19:11
2024	Jul	05	(Fri)	05:26	05:50	66	12:19	83N	18:47	294	19:11
2024	Jul	06	(Sat)	05:26	05:50	66	12:19	83N	18:47	294	19:11
2024	Jul	07	(Sun)	05:27	05:50	66	12:19	83N	18:47	294	19:11
2024	Jul	08	(Mon)	05:27	05:51	67	12:19	83N	18:47	293	19:11
2024	Jul	09	(Tue)	05:27	05:51	67	12:19	83N	18:47	293	19:11
2024	Jul	10	(Wed)	05:28	05:51	67	12:19	83N	18:47	293	19:11
2024	Jul	11	(Thu)	05:28	05:51	67	12:19	83N	18:47	293	19:11
2024	Jul	12	(Fri)	05:28	05:52	67	12:20	83N	18:47	293	19:11
2024	Jul	13	(Sat)	05:29	05:52	67	12:20	84N	18:47	293	19:11
2024	Jul	14	(Sun)	05:29	05:52	67	12:20	84N	18:47	293	19:10
2024	Jul	15	(Mon)	05:29	05:53	68	12:20	84N	18:47	292	19:10
2024	Jul	16	(Tue)	05:30	05:53	68	12:20	84N	18:47	292	19:10
2024	Jul	17	(Wed)	05:30	05:53	68	12:20	84N	18:47	292	19:10
2024	Jul	18	(Thu)	05:30	05:54	68	12:20	84N	18:47	292	19:10
2024	Jul	19	(Fri)	05:31	05:54	68	12:20	85N	18:47	292	19:10
2024	Jul	20	(Sat)	05:31	05:54	68	12:20	85N	18:46	291	19:09
2024	Jul	21	(Sun)	05:31	05:54	69	12:20	85N	18:46	291	19:09
2024	Jul	22	(Mon)	05:32	05:55	69	12:20	85N	18:46	291	19:09
2024	Jul	23	(Tue)	05:32	05:55	69	12:20	85N	18:46	291	19:09
2024	Jul	24	(Wed)	05:32	05:55	69	12:20	86N	18:45	291	19:08
2024	Jul	25	(Thu)	05:33	05:55	69	12:20	86N	18:45	290	19:08
2024	Jul	26	(Fri)	05:33	05:56	70	12:20	86N	18:45	290	19:08
2024	Jul	27	(Sat)	05:33	05:56	70	12:20	86N	18:45	290	19:07
2024	Jul	28	(Sun)	05:33	05:56	70	12:20	86N	18:44	290	19:07
2024	Jul	29	(Mon)	05:34	05:57	70	12:20	87N	18:44	289	19:07
2024	Jul	30	(Tue)	05:34	05:57	71	12:20	87N	18:44	289	19:06

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

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

2024	Dec 12	(Thu)	06:06	06:29	114	12:08	53S	17:46	246	18:09
2024	Dec 13	(Fri)	06:07	06:30	114	12:08	53S	17:46	246	18:10
2024	Dec 14	(Sat)	06:07	06:30	114	12:09	53S	17:47	246	18:10
2024	Dec 15	(Sun)	06:08	06:31	114	12:09	53S	17:47	246	18:10
2024	Dec 16	(Mon)	06:08	06:31	114	12:10	53S	17:48	246	18:11
2024	Dec 17	(Tue)	06:09	06:32	114	12:10	53S	17:48	246	18:11
2024	Dec 18	(Wed)	06:09	06:33	114	12:11	53S	17:49	246	18:12
2024	Dec 19	(Thu)	06:10	06:33	114	12:11	53S	17:49	246	18:12
2024	Dec 20	(Fri)	06:10	06:34	114	12:12	53S	17:50	246	18:13
2024	Dec 21	(Sat)	06:11	06:34	114	12:12	53S	17:50	246	18:13
2024	Dec 22	(Sun)	06:11	06:35	114	12:13	53S	17:51	246	18:14
2024	Dec 23	(Mon)	06:12	06:35	114	12:13	53S	17:51	246	18:14
2024	Dec 24	(Tue)	06:12	06:36	114	12:14	53S	17:52	246	18:15
2024	Dec 25	(Wed)	06:13	06:36	114	12:14	53S	17:52	246	18:15
2024	Dec 26	(Thu)	06:13	06:36	114	12:15	53S	17:53	246	18:16
2024	Dec 27	(Fri)	06:14	06:37	114	12:15	53S	17:53	246	18:16
2024	Dec 28	(Sat)	06:14	06:37	114	12:15	53S	17:54	246	18:17
2024	Dec 29	(Sun)	06:15	06:38	114	12:16	53S	17:54	246	18:17
2024	Dec 30	(Mon)	06:15	06:38	114	12:16	53S	17:55	246	18:18
2024	Dec 31	(Tue)	06:15	06:39	114	12:17	53S	17:55	246	18:19

Moon

VTMG

Location: E101°32'00.0", N14°36'00.0", 4230m
(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)	22:26	80		04:05	89S		10:28	282	
2024	Jan 02	(Tue)	23:11	86		04:45	84S		11:02	277	
2024	Jan 03	(Wed)	23:56	92		05:24	78S		11:35	271	
2024	Jan 04	(Thu)				06:04	72S		12:08	265	
2024	Jan 05	(Fri)	00:43	98		06:44	66S		12:42	259	
2024	Jan 06	(Sat)	01:31	104		07:27	61S		13:20	253	
2024	Jan 07	(Sun)	02:23	109		08:14	56S		14:02	248	
2024	Jan 08	(Mon)	03:19	114		09:05	52S		14:50	244	
2024	Jan 09	(Tue)	04:19	117		10:02	49S		15:44	242	
2024	Jan 10	(Wed)	05:22	119		11:04	47S		16:45	241	
2024	Jan 11	(Thu)	06:25	119		12:08	48S		17:51	242	
2024	Jan 12	(Fri)	07:25	116		13:11	51S		18:58	246	
2024	Jan 13	(Sat)	08:20	112		14:10	56S		20:03	251	
2024	Jan 14	(Sun)	09:10	106		15:05	62S		21:04	257	
2024	Jan 15	(Mon)	09:55	99		15:57	69S		22:03	264	
2024	Jan 16	(Tue)	10:36	92		16:46	76S		22:59	272	
2024	Jan 17	(Wed)	11:17	85		17:33	83S		23:54	279	
2024	Jan 18	(Thu)	11:57	78		18:21	89S				
2024	Jan 19	(Fri)	12:40	72		19:11	87N		00:49	285	
2024	Jan 20	(Sat)	13:25	67		20:02	82N		01:45	291	
2024	Jan 21	(Sun)	14:13	63		20:56	79N		02:43	295	
2024	Jan 22	(Mon)	15:05	61		21:51	77N		03:41	298	
2024	Jan 23	(Tue)	16:00	61		22:47	77N		04:38	299	
2024	Jan 24	(Wed)	16:56	62		23:40	79N		05:32	299	
2024	Jan 25	(Thu)	17:50	65					06:22	297	
2024	Jan 26	(Fri)	18:43	68		00:30	81N		07:08	293	
2024	Jan 27	(Sat)	19:33	73		01:17	85N		07:49	289	
2024	Jan 28	(Sun)	20:20	78		02:01	90N		08:26	284	
2024	Jan 29	(Mon)	21:06	84		02:42	86S		09:01	279	
2024	Jan 30	(Tue)	21:51	90		03:22	80S		09:34	273	
2024	Jan 31	(Wed)	22:37	96		04:00	74S		10:07	267	
2024	Feb 01	(Thu)	23:23	102		04:40	68S		10:40	261	
2024	Feb 02	(Fri)				05:21	63S		11:15	255	
2024	Feb 03	(Sat)	00:12	107		06:05	58S		11:54	250	
2024	Feb 04	(Sun)	01:05	112		06:53	53S		12:38	246	

2024 Feb 05 (Mon)	02:02	116	07:46	50S	13:28	242
2024 Feb 06 (Tue)	03:02	119	08:44	47S	14:25	241
2024 Feb 07 (Wed)	04:05	119	09:46	47S	15:28	241
2024 Feb 08 (Thu)	05:06	118	10:49	49S	16:34	243
2024 Feb 09 (Fri)	06:04	114	11:51	53S	17:41	248
2024 Feb 10 (Sat)	06:57	109	12:49	59S	18:45	254
2024 Feb 11 (Sun)	07:45	102	13:44	65S	19:47	261
2024 Feb 12 (Mon)	08:29	95	14:36	73S	20:47	269
2024 Feb 13 (Tue)	09:12	88	15:26	80S	21:44	276
2024 Feb 14 (Wed)	09:54	80	16:16	87S	22:41	283
2024 Feb 15 (Thu)	10:37	74	17:06	88N	23:39	289
2024 Feb 16 (Fri)	11:22	68	17:58	83N		
2024 Feb 17 (Sat)	12:10	64	18:52	79N	00:37	294
2024 Feb 18 (Sun)	13:01	62	19:47	77N	01:36	297
2024 Feb 19 (Mon)	13:55	61	20:42	77N	02:34	299
2024 Feb 20 (Tue)	14:51	61	21:36	78N	03:29	299
2024 Feb 21 (Wed)	15:45	64	22:27	80N	04:20	298
2024 Feb 22 (Thu)	16:38	67	23:15	84N	05:06	295
2024 Feb 23 (Fri)	17:29	71	23:59	89N	05:48	291
2024 Feb 24 (Sat)	18:17	77			06:26	286
2024 Feb 25 (Sun)	19:03	82	00:41	88S	07:01	280
2024 Feb 26 (Mon)	19:48	88	01:21	82S	07:35	275
2024 Feb 27 (Tue)	20:33	94	01:59	76S	08:08	269
2024 Feb 28 (Wed)	21:19	100	02:38	70S	08:40	263
2024 Feb 29 (Thu)	22:07	106	03:18	65S	09:15	257
2024 Mar 01 (Fri)	22:58	111	04:01	59S	09:52	252
2024 Mar 02 (Sat)	23:52	115	04:46	54S	10:33	247
2024 Mar 03 (Sun)			05:36	51S	11:19	243
2024 Mar 04 (Mon)	00:49	118	06:31	48S	12:11	241
2024 Mar 05 (Tue)	01:49	119	07:29	47S	13:10	240
2024 Mar 06 (Wed)	02:49	119	08:30	48S	14:13	242
2024 Mar 07 (Thu)	03:47	117	09:31	51S	15:18	245
2024 Mar 08 (Fri)	04:41	112	10:30	55S	16:22	250
2024 Mar 09 (Sat)	05:31	106	11:26	62S	17:25	257
2024 Mar 10 (Sun)	06:17	99	12:20	69S	18:27	265
2024 Mar 11 (Mon)	07:01	91	13:12	76S	19:26	272
2024 Mar 12 (Tue)	07:44	84	14:03	84S	20:26	280
2024 Mar 13 (Wed)	08:28	77	14:55	91N	21:25	287
2024 Mar 14 (Thu)	09:14	70	15:48	85N	22:26	292
2024 Mar 15 (Fri)	10:03	65	16:43	80N	23:27	297
2024 Mar 16 (Sat)	10:55	62	17:40	78N		
2024 Mar 17 (Sun)	11:49	61	18:36	77N	00:26	299
2024 Mar 18 (Mon)	12:45	61	19:31	77N	01:24	300
2024 Mar 19 (Tue)	13:40	63	20:24	79N	02:17	298
2024 Mar 20 (Wed)	14:34	66	21:12	83N	03:05	296
2024 Mar 21 (Thu)	15:25	70	21:58	87N	03:48	292
2024 Mar 22 (Fri)	16:14	75	22:40	89S	04:27	288
2024 Mar 23 (Sat)	17:01	80	23:20	84S	05:03	282
2024 Mar 24 (Sun)	17:46	86	23:59	78S	05:37	277
2024 Mar 25 (Mon)	18:31	92			06:09	271
2024 Mar 26 (Tue)	19:17	98	00:38	72S	06:42	265
2024 Mar 27 (Wed)	20:04	104	01:18	66S	07:16	259
2024 Mar 28 (Thu)	20:54	109	02:00	61S	07:52	253
2024 Mar 29 (Fri)	21:47	114	02:44	56S	08:32	248
2024 Mar 30 (Sat)	22:42	117	03:32	52S	09:16	244
2024 Mar 31 (Sun)	23:40	119	04:25	49S	10:05	242
2024 Apr 01 (Mon)			05:21	47S	11:00	240
2024 Apr 02 (Tue)	00:39	120	06:19	47S	12:00	241
2024 Apr 03 (Wed)	01:36	118	07:18	49S	13:02	243
2024 Apr 04 (Thu)	02:29	114	08:16	53S	14:05	248
2024 Apr 05 (Fri)	03:19	109	09:11	58S	15:06	254
2024 Apr 06 (Sat)	04:06	103	10:04	65S	16:07	261
2024 Apr 07 (Sun)	04:50	96	10:56	72S	17:06	268
2024 Apr 08 (Mon)	05:33	88	11:47	80S	18:05	276
2024 Apr 09 (Tue)	06:16	80	12:39	87S	19:05	283
2024 Apr 10 (Wed)	07:02	73	13:32	88N	20:07	290
2024 Apr 11 (Thu)	07:50	68	14:28	82N	21:09	295

2024 Apr 12 (Fri)	08:42 63	15:26 79N	22:12 298
2024 Apr 13 (Sat)	09:38 61	16:25 77N	23:13 300
2024 Apr 14 (Sun)	10:35 60	17:22 77N	
2024 Apr 15 (Mon)	11:32 62	18:17 78N	00:09 299
2024 Apr 16 (Tue)	12:28 64	19:08 81N	01:00 297
2024 Apr 17 (Wed)	13:20 68	19:55 85N	01:46 294
2024 Apr 18 (Thu)	14:10 73	20:38 90N	02:26 289
2024 Apr 19 (Fri)	14:57 78	21:19 86S	03:03 284
2024 Apr 20 (Sat)	15:43 84	21:58 80S	03:38 279
2024 Apr 21 (Sun)	16:28 90	22:37 74S	04:10 273
2024 Apr 22 (Mon)	17:13 96	23:17 68S	04:43 267
2024 Apr 23 (Tue)	18:00 102	23:58 63S	05:17 261
2024 Apr 24 (Wed)	18:50 108		05:52 255
2024 Apr 25 (Thu)	19:42 112	00:42 57S	06:31 250
2024 Apr 26 (Fri)	20:37 116	01:29 53S	07:14 246
2024 Apr 27 (Sat)	21:35 119	02:21 49S	08:02 242
2024 Apr 28 (Sun)	22:33 120	03:16 47S	08:56 241
2024 Apr 29 (Mon)	23:30 119	04:13 47S	09:54 241
2024 Apr 30 (Tue)		05:12 48S	10:54 243
2024 May 01 (Wed)	00:24 116	06:09 52S	11:56 246
2024 May 02 (Thu)	01:14 111	07:03 56S	12:56 251
2024 May 03 (Fri)	02:00 105	07:55 62S	13:54 258
2024 May 04 (Sat)	02:43 99	08:46 69S	14:52 265
2024 May 05 (Sun)	03:25 91	09:35 76S	15:49 272
2024 May 06 (Mon)	04:07 84	10:25 84S	16:47 280
2024 May 07 (Tue)	04:50 77	11:17 91S	17:47 287
2024 May 08 (Wed)	05:37 71	12:11 85N	18:49 292
2024 May 09 (Thu)	06:27 65	13:09 80N	19:53 297
2024 May 10 (Fri)	07:22 62	14:08 78N	20:56 299
2024 May 11 (Sat)	08:20 61	15:08 77N	21:56 299
2024 May 12 (Sun)	09:19 61	16:06 78N	22:51 298
2024 May 13 (Mon)	10:17 63	16:59 80N	23:39 295
2024 May 14 (Tue)	11:12 67	17:49 84N	
2024 May 15 (Wed)	12:03 71	18:34 88N	00:23 291
2024 May 16 (Thu)	12:52 76	19:16 88S	01:01 286
2024 May 17 (Fri)	13:38 82	19:56 82S	01:37 281
2024 May 18 (Sat)	14:23 88	20:35 76S	02:10 275
2024 May 19 (Sun)	15:08 94	21:14 70S	02:43 269
2024 May 20 (Mon)	15:55 100	21:54 65S	03:16 263
2024 May 21 (Tue)	16:43 106	22:37 59S	03:51 257
2024 May 22 (Wed)	17:35 111	23:24 54S	04:29 252
2024 May 23 (Thu)	18:30 115		05:10 247
2024 May 24 (Fri)	19:28 118	00:15 51S	05:58 243
2024 May 25 (Sat)	20:27 119	01:09 48S	06:50 241
2024 May 26 (Sun)	21:25 119	02:07 47S	07:48 241
2024 May 27 (Mon)	22:21 117	03:06 48S	08:49 242
2024 May 28 (Tue)	23:12 113	04:04 51S	09:50 245
2024 May 29 (Wed)	23:58 107	05:00 55S	10:50 250
2024 May 30 (Thu)		05:52 60S	11:49 256
2024 May 31 (Fri)	00:41 101	06:42 67S	12:45 263
2024 Jun 01 (Sat)	01:22 94	07:30 74S	13:41 270
2024 Jun 02 (Sun)	02:03 87	08:18 81S	14:37 277
2024 Jun 03 (Mon)	02:44 80	09:07 88S	15:34 284
2024 Jun 04 (Tue)	03:28 73	09:59 87N	16:33 290
2024 Jun 05 (Wed)	04:16 68	10:54 82N	17:35 295
2024 Jun 06 (Thu)	05:08 63	11:52 79N	18:38 298
2024 Jun 07 (Fri)	06:05 61	12:52 77N	19:40 299
2024 Jun 08 (Sat)	07:04 61	13:51 77N	20:38 299
2024 Jun 09 (Sun)	08:03 62	14:47 79N	21:30 296
2024 Jun 10 (Mon)	09:00 65	15:40 82N	22:16 293
2024 Jun 11 (Tue)	09:54 69	16:27 87N	22:57 288
2024 Jun 12 (Wed)	10:44 74	17:11 90S	23:34 283
2024 Jun 13 (Thu)	11:32 80	17:52 84S	
2024 Jun 14 (Fri)	12:17 86	18:31 79S	00:09 277
2024 Jun 15 (Sat)	13:02 92	19:10 73S	00:42 271
2024 Jun 16 (Sun)	13:48 98	19:50 67S	01:14 265
2024 Jun 17 (Mon)	14:35 104	20:31 61S	01:48 259

2024 Jun 18 (Tue)	15:25 109	21:16 56S	02:24 254
2024 Jun 19 (Wed)	16:19 113	22:05 52S	03:04 249
2024 Jun 20 (Thu)	17:16 117	22:59 49S	03:50 245
2024 Jun 21 (Fri)	18:16 119	23:57 47S	04:40 242
2024 Jun 22 (Sat)	19:16 119		05:37 241
2024 Jun 23 (Sun)	20:14 118	00:57 47S	06:38 241
2024 Jun 24 (Mon)	21:07 114	01:57 50S	07:41 244
2024 Jun 25 (Tue)	21:56 109	02:54 53S	08:43 248
2024 Jun 26 (Wed)	22:41 103	03:48 59S	09:43 254
2024 Jun 27 (Thu)	23:22 96	04:39 65S	10:41 261
2024 Jun 28 (Fri)		05:28 72S	11:37 268
2024 Jun 29 (Sat)	00:03 89	06:15 79S	12:32 275
2024 Jun 30 (Sun)	00:43 82	07:03 86S	13:28 282
2024 Jul 01 (Mon)	01:25 75	07:53 89N	14:25 288
2024 Jul 02 (Tue)	02:10 69	08:46 84N	15:25 293
2024 Jul 03 (Wed)	03:00 65	09:42 80N	16:26 297
2024 Jul 04 (Thu)	03:54 62	10:40 77N	17:27 299
2024 Jul 05 (Fri)	04:51 61	11:39 77N	18:26 299
2024 Jul 06 (Sat)	05:50 61	12:36 78N	19:20 297
2024 Jul 07 (Sun)	06:48 64	13:30 81N	20:09 294
2024 Jul 08 (Mon)	07:43 68	14:20 85N	20:52 290
2024 Jul 09 (Tue)	08:36 72	15:05 90N	21:31 285
2024 Jul 10 (Wed)	09:24 78	15:47 86S	22:07 279
2024 Jul 11 (Thu)	10:11 84	16:27 81S	22:40 273
2024 Jul 12 (Fri)	10:56 90	17:06 75S	23:13 267
2024 Jul 13 (Sat)	11:41 96	17:45 69S	23:46 262
2024 Jul 14 (Sun)	12:27 101	18:25 63S	
2024 Jul 15 (Mon)	13:16 107	19:08 58S	00:20 256
2024 Jul 16 (Tue)	14:07 112	19:55 54S	00:58 251
2024 Jul 17 (Wed)	15:02 116	20:46 50S	01:41 246
2024 Jul 18 (Thu)	16:01 118	21:42 48S	02:28 243
2024 Jul 19 (Fri)	17:01 119	22:41 47S	03:23 241
2024 Jul 20 (Sat)	18:00 119	23:42 48S	04:22 241
2024 Jul 21 (Sun)	18:57 116		05:26 243
2024 Jul 22 (Mon)	19:49 111	00:42 52S	06:30 246
2024 Jul 23 (Tue)	20:36 105	01:39 57S	07:32 252
2024 Jul 24 (Wed)	21:20 98	02:33 63S	08:33 258
2024 Jul 25 (Thu)	22:02 91	03:23 70S	09:30 266
2024 Jul 26 (Fri)	22:42 83	04:12 77S	10:27 273
2024 Jul 27 (Sat)	23:24 77	05:01 84S	11:23 280
2024 Jul 28 (Sun)		05:50 91S	12:20 287
2024 Jul 29 (Mon)	00:08 71	06:42 85N	13:19 292
2024 Jul 30 (Tue)	00:56 66	07:36 81N	14:19 296
2024 Jul 31 (Wed)	01:48 62	08:33 78N	15:20 299
2024 Aug 01 (Thu)	02:44 61	09:31 77N	16:19 299
2024 Aug 02 (Fri)	03:41 61	10:28 77N	17:14 298
2024 Aug 03 (Sat)	04:39 63	11:23 80N	18:04 296
2024 Aug 04 (Sun)	05:35 66	12:13 83N	18:49 292
2024 Aug 05 (Mon)	06:28 71	13:00 88N	19:29 287
2024 Aug 06 (Tue)	07:18 76	13:43 88S	20:05 281
2024 Aug 07 (Wed)	08:06 82	14:24 83S	20:39 275
2024 Aug 08 (Thu)	08:51 88	15:03 77S	21:12 269
2024 Aug 09 (Fri)	09:36 94	15:42 71S	21:45 264
2024 Aug 10 (Sat)	10:22 99	16:21 65S	22:18 258
2024 Aug 11 (Sun)	11:08 105	17:03 60S	22:54 253
2024 Aug 12 (Mon)	11:58 110	17:47 55S	23:34 248
2024 Aug 13 (Tue)	12:50 114	18:35 51S	
2024 Aug 14 (Wed)	13:46 118	19:28 48S	00:18 244
2024 Aug 15 (Thu)	14:45 119	20:25 47S	01:09 241
2024 Aug 16 (Fri)	15:44 119	21:25 47S	02:05 240
2024 Aug 17 (Sat)	16:42 117	22:25 50S	03:06 241
2024 Aug 18 (Sun)	17:36 113	23:24 54S	04:10 244
2024 Aug 19 (Mon)	18:26 108		05:14 249
2024 Aug 20 (Tue)	19:12 101	00:20 60S	06:17 255
2024 Aug 21 (Wed)	19:56 94	01:13 67S	07:17 262
2024 Aug 22 (Thu)	20:38 86	02:04 74S	08:16 270
2024 Aug 23 (Fri)	21:21 79	02:54 82S	09:14 278

2024 Aug 24 (Sat)	22:05	72	03:45	89S	10:13	285
2024 Aug 25 (Sun)	22:53	67	04:37	87N	11:12	291
2024 Aug 26 (Mon)	23:44	63	05:32	82N	12:13	295
2024 Aug 27 (Tue)			06:28	78N	13:15	298
2024 Aug 28 (Wed)	00:39	61	07:26	77N	14:14	300
2024 Aug 29 (Thu)	01:36	60	08:24	77N	15:10	299
2024 Aug 30 (Fri)	02:34	62	09:18	79N	16:01	297
2024 Aug 31 (Sat)	03:30	65	10:10	82N	16:47	293
2024 Sep 01 (Sun)	04:23	69	10:57	86N	17:28	289
2024 Sep 02 (Mon)	05:14	74	11:41	90S	18:05	283
2024 Sep 03 (Tue)	06:02	80	12:22	85S	18:40	277
2024 Sep 04 (Wed)	06:48	85	13:02	79S	19:13	272
2024 Sep 05 (Thu)	07:33	91	13:40	73S	19:45	266
2024 Sep 06 (Fri)	08:18	97	14:19	67S	20:18	260
2024 Sep 07 (Sat)	09:04	103	15:00	62S	20:53	254
2024 Sep 08 (Sun)	09:52	108	15:43	57S	21:31	249
2024 Sep 09 (Mon)	10:43	113	16:29	52S	22:13	245
2024 Sep 10 (Tue)	11:36	117	17:19	49S	23:00	242
2024 Sep 11 (Wed)	12:32	119	18:13	47S	23:52	240
2024 Sep 12 (Thu)	13:30	120	19:10	47S		
2024 Sep 13 (Fri)	14:27	119	20:08	48S	00:50	240
2024 Sep 14 (Sat)	15:21	116	21:06	52S	01:51	242
2024 Sep 15 (Sun)	16:13	111	22:03	57S	02:54	246
2024 Sep 16 (Mon)	17:00	105	22:57	63S	03:56	252
2024 Sep 17 (Tue)	17:45	98	23:49	70S	04:57	259
2024 Sep 18 (Wed)	18:29	90			05:57	266
2024 Sep 19 (Thu)	19:12	82	00:41	78S	06:57	274
2024 Sep 20 (Fri)	19:57	75	01:33	85S	07:57	282
2024 Sep 21 (Sat)	20:45	69	02:26	89N	08:59	288
2024 Sep 22 (Sun)	21:37	64	03:22	83N	10:02	294
2024 Sep 23 (Mon)	22:32	61	04:20	79N	11:05	298
2024 Sep 24 (Tue)	23:30	60	05:19	77N	12:07	300
2024 Sep 25 (Wed)			06:18	76N	13:05	299
2024 Sep 26 (Thu)	00:28	61	07:14	78N	13:59	298
2024 Sep 27 (Fri)	01:25	64	08:07	81N	14:46	294
2024 Sep 28 (Sat)	02:19	67	08:55	85N	15:28	290
2024 Sep 29 (Sun)	03:11	72	09:40	89N	16:06	285
2024 Sep 30 (Mon)	03:59	78	10:22	87S	16:41	279
2024 Oct 01 (Tue)	04:45	83	11:02	81S	17:15	274
2024 Oct 02 (Wed)	05:30	89	11:40	75S	17:47	268
2024 Oct 03 (Thu)	06:15	96	12:19	69S	18:20	262
2024 Oct 04 (Fri)	07:01	101	12:59	63S	18:54	256
2024 Oct 05 (Sat)	07:48	107	13:41	58S	19:31	251
2024 Oct 06 (Sun)	08:38	112	14:26	54S	20:11	246
2024 Oct 07 (Mon)	09:31	116	15:14	50S	20:56	243
2024 Oct 08 (Tue)	10:25	118	16:06	48S	21:46	241
2024 Oct 09 (Wed)	11:21	120	17:01	47S	22:40	240
2024 Oct 10 (Thu)	12:17	119	17:57	48S	23:38	241
2024 Oct 11 (Fri)	13:11	117	18:54	50S		
2024 Oct 12 (Sat)	14:02	113	19:49	54S	00:38	244
2024 Oct 13 (Sun)	14:49	108	20:42	60S	01:39	249
2024 Oct 14 (Mon)	15:34	101	21:34	66S	02:39	255
2024 Oct 15 (Tue)	16:17	94	22:25	74S	03:38	262
2024 Oct 16 (Wed)	17:00	86	23:16	81S	04:37	270
2024 Oct 17 (Thu)	17:44	79			05:36	277
2024 Oct 18 (Fri)	18:32	72	00:09	89S	06:38	285
2024 Oct 19 (Sat)	19:23	66	01:05	86N	07:42	291
2024 Oct 20 (Sun)	20:19	62	02:04	81N	08:47	296
2024 Oct 21 (Mon)	21:18	61	03:05	78N	09:52	299
2024 Oct 22 (Tue)	22:18	61	04:06	76N	10:55	300
2024 Oct 23 (Wed)	23:17	63	05:06	77N	11:52	298
2024 Oct 24 (Thu)			06:01	79N	12:42	296
2024 Oct 25 (Fri)	00:14	66	06:52	83N	13:27	292
2024 Oct 26 (Sat)	01:07	71	07:38	88N	14:07	287
2024 Oct 27 (Sun)	01:56	76	08:21	88S	14:43	281
2024 Oct 28 (Mon)	02:43	82	09:01	83S	15:16	275
2024 Oct 29 (Tue)	03:28	88	09:40	77S	15:49	269

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