

Sun

023.Nakhon Sawan

Location: E100°10'26.4", N15°42'43.1", 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	
2026 Jan 01 (Thu)	05:56	06:46	114		12:23	52S		17:59	246	18:49
2026 Jan 02 (Fri)	05:57	06:47	114		12:23	52S		18:00	246	18:50
2026 Jan 03 (Sat)	05:57	06:47	114		12:24	52S		18:00	247	18:50
2026 Jan 04 (Sun)	05:57	06:47	113		12:24	52S		18:01	247	18:51
2026 Jan 05 (Mon)	05:58	06:48	113		12:25	52S		18:02	247	18:52
2026 Jan 06 (Tue)	05:58	06:48	113		12:25	53S		18:02	247	18:52
2026 Jan 07 (Wed)	05:58	06:48	113		12:25	53S		18:03	247	18:53
2026 Jan 08 (Thu)	05:59	06:48	113		12:26	53S		18:03	247	18:53
2026 Jan 09 (Fri)	05:59	06:49	113		12:26	53S		18:04	247	18:54
2026 Jan 10 (Sat)	05:59	06:49	113		12:27	53S		18:05	247	18:54
2026 Jan 11 (Sun)	05:59	06:49	112		12:27	53S		18:05	248	18:55
2026 Jan 12 (Mon)	06:00	06:49	112		12:27	53S		18:06	248	18:55
2026 Jan 13 (Tue)	06:00	06:50	112		12:28	54S		18:06	248	18:56
2026 Jan 14 (Wed)	06:00	06:50	112		12:28	54S		18:07	248	18:56
2026 Jan 15 (Thu)	06:00	06:50	112		12:29	54S		18:08	248	18:57
2026 Jan 16 (Fri)	06:01	06:50	112		12:29	54S		18:08	249	18:57
2026 Jan 17 (Sat)	06:01	06:50	111		12:29	54S		18:09	249	18:58
2026 Jan 18 (Sun)	06:01	06:50	111		12:30	54S		18:09	249	18:59
2026 Jan 19 (Mon)	06:01	06:50	111		12:30	55S		18:10	249	18:59
2026 Jan 20 (Tue)	06:01	06:50	111		12:30	55S		18:10	249	19:00
2026 Jan 21 (Wed)	06:01	06:50	111		12:31	55S		18:11	250	19:00
2026 Jan 22 (Thu)	06:01	06:50	110		12:31	55S		18:12	250	19:01
2026 Jan 23 (Fri)	06:01	06:50	110		12:31	56S		18:12	250	19:01
2026 Jan 24 (Sat)	06:01	06:50	110		12:31	56S		18:13	250	19:01
2026 Jan 25 (Sun)	06:01	06:50	110		12:32	56S		18:13	251	19:02
2026 Jan 26 (Mon)	06:01	06:50	109		12:32	56S		18:14	251	19:02
2026 Jan 27 (Tue)	06:01	06:50	109		12:32	57S		18:14	251	19:03
2026 Jan 28 (Wed)	06:01	06:50	109		12:32	57S		18:15	251	19:03
2026 Jan 29 (Thu)	06:01	06:50	108		12:32	57S		18:15	252	19:04
2026 Jan 30 (Fri)	06:01	06:49	108		12:33	57S		18:16	252	19:04
2026 Jan 31 (Sat)	06:01	06:49	108		12:33	58S		18:16	252	19:05
2026 Feb 01 (Sun)	06:01	06:49	108		12:33	58S		18:17	253	19:05
2026 Feb 02 (Mon)	06:01	06:49	107		12:33	58S		18:17	253	19:05
2026 Feb 03 (Tue)	06:00	06:49	107		12:33	58S		18:18	253	19:06
2026 Feb 04 (Wed)	06:00	06:48	107		12:33	59S		18:18	253	19:06
2026 Feb 05 (Thu)	06:00	06:48	106		12:33	59S		18:19	254	19:07
2026 Feb 06 (Fri)	06:00	06:48	106		12:33	59S		18:19	254	19:07
2026 Feb 07 (Sat)	06:00	06:48	106		12:33	60S		18:19	254	19:07
2026 Feb 08 (Sun)	05:59	06:47	105		12:33	60S		18:20	255	19:08
2026 Feb 09 (Mon)	05:59	06:47	105		12:33	60S		18:20	255	19:08
2026 Feb 10 (Tue)	05:59	06:46	105		12:33	61S		18:21	255	19:08
2026 Feb 11 (Wed)	05:59	06:46	104		12:33	61S		18:21	256	19:09
2026 Feb 12 (Thu)	05:58	06:46	104		12:33	61S		18:21	256	19:09
2026 Feb 13 (Fri)	05:58	06:45	104		12:33	62S		18:22	256	19:09
2026 Feb 14 (Sat)	05:57	06:45	103		12:33	62S		18:22	257	19:10
2026 Feb 15 (Sun)	05:57	06:44	103		12:33	62S		18:23	257	19:10
2026 Feb 16 (Mon)	05:57	06:44	103		12:33	63S		18:23	258	19:10
2026 Feb 17 (Tue)	05:56	06:44	102		12:33	63S		18:23	258	19:10
2026 Feb 18 (Wed)	05:56	06:43	102		12:33	63S		18:24	258	19:11
2026 Feb 19 (Thu)	05:55	06:43	102		12:33	64S		18:24	259	19:11
2026 Feb 20 (Fri)	05:55	06:42	101		12:33	64S		18:24	259	19:11
2026 Feb 21 (Sat)	05:55	06:42	101		12:33	64S		18:24	259	19:11
2026 Feb 22 (Sun)	05:54	06:41	100		12:33	65S		18:25	260	19:12
2026 Feb 23 (Mon)	05:54	06:40	100		12:33	65S		18:25	260	19:12
2026 Feb 24 (Tue)	05:53	06:40	100		12:33	66S		18:25	261	19:12

2026	Feb	25	(Wed)	05:52	06:39	99	12:32	66S	18:26	261	19:12
2026	Feb	26	(Thu)	05:52	06:39	99	12:32	66S	18:26	261	19:13
2026	Feb	27	(Fri)	05:51	06:38	99	12:32	67S	18:26	262	19:13
2026	Feb	28	(Sat)	05:51	06:38	98	12:32	67S	18:26	262	19:13
2026	Mar	01	(Sun)	05:50	06:37	98	12:32	67S	18:27	262	19:13
2026	Mar	02	(Mon)	05:50	06:36	97	12:31	68S	18:27	263	19:13
2026	Mar	03	(Tue)	05:49	06:36	97	12:31	68S	18:27	263	19:14
2026	Mar	04	(Wed)	05:48	06:35	97	12:31	69S	18:27	264	19:14
2026	Mar	05	(Thu)	05:48	06:34	96	12:31	69S	18:28	264	19:14
2026	Mar	06	(Fri)	05:47	06:34	96	12:31	69S	18:28	264	19:14
2026	Mar	07	(Sat)	05:47	06:33	95	12:30	70S	18:28	265	19:14
2026	Mar	08	(Sun)	05:46	06:32	95	12:30	70S	18:28	265	19:15
2026	Mar	09	(Mon)	05:45	06:32	95	12:30	71S	18:28	266	19:15
2026	Mar	10	(Tue)	05:45	06:31	94	12:30	71S	18:28	266	19:15
2026	Mar	11	(Wed)	05:44	06:30	94	12:29	71S	18:29	266	19:15
2026	Mar	12	(Thu)	05:43	06:30	93	12:29	72S	18:29	267	19:15
2026	Mar	13	(Fri)	05:42	06:29	93	12:29	72S	18:29	267	19:15
2026	Mar	14	(Sat)	05:42	06:28	92	12:29	72S	18:29	268	19:16
2026	Mar	15	(Sun)	05:41	06:27	92	12:28	73S	18:29	268	19:16
2026	Mar	16	(Mon)	05:40	06:27	92	12:28	73S	18:30	269	19:16
2026	Mar	17	(Tue)	05:40	06:26	91	12:28	74S	18:30	269	19:16
2026	Mar	18	(Wed)	05:39	06:25	91	12:27	74S	18:30	269	19:16
2026	Mar	19	(Thu)	05:38	06:24	90	12:27	74S	18:30	270	19:16
2026	Mar	20	(Fri)	05:37	06:24	90	12:27	75S	18:30	270	19:17
2026	Mar	21	(Sat)	05:37	06:23	90	12:27	75S	18:30	271	19:17
2026	Mar	22	(Sun)	05:36	06:22	89	12:26	76S	18:30	271	19:17
2026	Mar	23	(Mon)	05:35	06:22	89	12:26	76S	18:31	271	19:17
2026	Mar	24	(Tue)	05:34	06:21	88	12:26	76S	18:31	272	19:17
2026	Mar	25	(Wed)	05:34	06:20	88	12:25	77S	18:31	272	19:17
2026	Mar	26	(Thu)	05:33	06:19	88	12:25	77S	18:31	273	19:18
2026	Mar	27	(Fri)	05:32	06:19	87	12:25	78S	18:31	273	19:18
2026	Mar	28	(Sat)	05:31	06:18	87	12:24	78S	18:31	273	19:18
2026	Mar	29	(Sun)	05:30	06:17	86	12:24	78S	18:31	274	19:18
2026	Mar	30	(Mon)	05:30	06:16	86	12:24	79S	18:32	274	19:18
2026	Mar	31	(Tue)	05:29	06:16	86	12:24	79S	18:32	275	19:18
2026	Apr	01	(Wed)	05:28	06:15	85	12:23	80S	18:32	275	19:19
2026	Apr	02	(Thu)	05:27	06:14	85	12:23	80S	18:32	275	19:19
2026	Apr	03	(Fri)	05:27	06:13	84	12:23	80S	18:32	276	19:19
2026	Apr	04	(Sat)	05:26	06:13	84	12:22	81S	18:32	276	19:19
2026	Apr	05	(Sun)	05:25	06:12	84	12:22	81S	18:32	277	19:19
2026	Apr	06	(Mon)	05:24	06:11	83	12:22	81S	18:33	277	19:20
2026	Apr	07	(Tue)	05:24	06:10	83	12:21	82S	18:33	277	19:20
2026	Apr	08	(Wed)	05:23	06:10	82	12:21	82S	18:33	278	19:20
2026	Apr	09	(Thu)	05:22	06:09	82	12:21	83S	18:33	278	19:20
2026	Apr	10	(Fri)	05:21	06:08	82	12:21	83S	18:33	279	19:20
2026	Apr	11	(Sat)	05:20	06:08	81	12:20	83S	18:33	279	19:21
2026	Apr	12	(Sun)	05:20	06:07	81	12:20	84S	18:34	279	19:21
2026	Apr	13	(Mon)	05:19	06:06	80	12:20	84S	18:34	280	19:21
2026	Apr	14	(Tue)	05:18	06:06	80	12:20	84S	18:34	280	19:21
2026	Apr	15	(Wed)	05:18	06:05	80	12:19	85S	18:34	280	19:22
2026	Apr	16	(Thu)	05:17	06:04	79	12:19	85S	18:34	281	19:22
2026	Apr	17	(Fri)	05:16	06:04	79	12:19	85S	18:34	281	19:22
2026	Apr	18	(Sat)	05:15	06:03	79	12:19	86S	18:35	282	19:22
2026	Apr	19	(Sun)	05:15	06:02	78	12:18	86S	18:35	282	19:23
2026	Apr	20	(Mon)	05:14	06:02	78	12:18	87S	18:35	282	19:23
2026	Apr	21	(Tue)	05:13	06:01	78	12:18	87S	18:35	283	19:23
2026	Apr	22	(Wed)	05:13	06:01	77	12:18	87S	18:35	283	19:23
2026	Apr	23	(Thu)	05:12	06:00	77	12:18	88S	18:36	283	19:24
2026	Apr	24	(Fri)	05:11	05:59	76	12:17	88S	18:36	284	19:24
2026	Apr	25	(Sat)	05:11	05:59	76	12:17	88S	18:36	284	19:24
2026	Apr	26	(Sun)	05:10	05:58	76	12:17	89S	18:36	284	19:25
2026	Apr	27	(Mon)	05:09	05:58	75	12:17	89S	18:36	285	19:25
2026	Apr	28	(Tue)	05:09	05:57	75	12:17	89S	18:37	285	19:25
2026	Apr	29	(Wed)	05:08	05:57	75	12:17	89S	18:37	285	19:26
2026	Apr	30	(Thu)	05:07	05:56	74	12:17	90S	18:37	286	19:26
2026	May	01	(Fri)	05:07	05:56	74	12:16	90S	18:37	286	19:26
2026	May	02	(Sat)	05:06	05:55	74	12:16	90S	18:38	286	19:27

2026	May	03	(Sun)	05:06	05:55	74	12:16	91S	18:38	287	19:27
2026	May	04	(Mon)	05:05	05:54	73	12:16	90N	18:38	287	19:27
2026	May	05	(Tue)	05:05	05:54	73	12:16	90N	18:39	287	19:28
2026	May	06	(Wed)	05:04	05:53	73	12:16	90N	18:39	288	19:28
2026	May	07	(Thu)	05:04	05:53	72	12:16	90N	18:39	288	19:28
2026	May	08	(Fri)	05:03	05:52	72	12:16	89N	18:39	288	19:29
2026	May	09	(Sat)	05:03	05:52	72	12:16	89N	18:40	288	19:29
2026	May	10	(Sun)	05:02	05:52	71	12:16	89N	18:40	289	19:29
2026	May	11	(Mon)	05:02	05:51	71	12:16	89N	18:40	289	19:30
2026	May	12	(Tue)	05:01	05:51	71	12:16	88N	18:41	289	19:30
2026	May	13	(Wed)	05:01	05:51	71	12:16	88N	18:41	289	19:31
2026	May	14	(Thu)	05:00	05:50	70	12:16	88N	18:41	290	19:31
2026	May	15	(Fri)	05:00	05:50	70	12:16	88N	18:41	290	19:31
2026	May	16	(Sat)	05:00	05:50	70	12:16	87N	18:42	290	19:32
2026	May	17	(Sun)	04:59	05:49	70	12:16	87N	18:42	290	19:32
2026	May	18	(Mon)	04:59	05:49	69	12:16	87N	18:42	291	19:33
2026	May	19	(Tue)	04:59	05:49	69	12:16	87N	18:43	291	19:33
2026	May	20	(Wed)	04:58	05:49	69	12:16	86N	18:43	291	19:34
2026	May	21	(Thu)	04:58	05:49	69	12:16	86N	18:43	291	19:34
2026	May	22	(Fri)	04:58	05:48	69	12:16	86N	18:44	292	19:34
2026	May	23	(Sat)	04:58	05:48	68	12:16	86N	18:44	292	19:35
2026	May	24	(Sun)	04:57	05:48	68	12:16	86N	18:44	292	19:35
2026	May	25	(Mon)	04:57	05:48	68	12:16	85N	18:45	292	19:36
2026	May	26	(Tue)	04:57	05:48	68	12:16	85N	18:45	292	19:36
2026	May	27	(Wed)	04:57	05:48	68	12:16	85N	18:45	292	19:36
2026	May	28	(Thu)	04:56	05:47	67	12:17	85N	18:46	293	19:37
2026	May	29	(Fri)	04:56	05:47	67	12:17	85N	18:46	293	19:37
2026	May	30	(Sat)	04:56	05:47	67	12:17	85N	18:46	293	19:38
2026	May	31	(Sun)	04:56	05:47	67	12:17	85N	18:47	293	19:38
2026	Jun	01	(Mon)	04:56	05:47	67	12:17	84N	18:47	293	19:38
2026	Jun	02	(Tue)	04:56	05:47	67	12:17	84N	18:47	293	19:39
2026	Jun	03	(Wed)	04:56	05:47	67	12:17	84N	18:48	294	19:39
2026	Jun	04	(Thu)	04:56	05:47	66	12:18	84N	18:48	294	19:40
2026	Jun	05	(Fri)	04:56	05:47	66	12:18	84N	18:48	294	19:40
2026	Jun	06	(Sat)	04:56	05:47	66	12:18	84N	18:49	294	19:40
2026	Jun	07	(Sun)	04:56	05:47	66	12:18	84N	18:49	294	19:41
2026	Jun	08	(Mon)	04:56	05:47	66	12:18	84N	18:49	294	19:41
2026	Jun	09	(Tue)	04:56	05:47	66	12:19	83N	18:50	294	19:41
2026	Jun	10	(Wed)	04:56	05:47	66	12:19	83N	18:50	294	19:42
2026	Jun	11	(Thu)	04:56	05:48	66	12:19	83N	18:50	294	19:42
2026	Jun	12	(Fri)	04:56	05:48	66	12:19	83N	18:51	294	19:42
2026	Jun	13	(Sat)	04:56	05:48	66	12:19	83N	18:51	294	19:43
2026	Jun	14	(Sun)	04:56	05:48	66	12:20	83N	18:51	294	19:43
2026	Jun	15	(Mon)	04:56	05:48	65	12:20	83N	18:51	295	19:43
2026	Jun	16	(Tue)	04:56	05:48	65	12:20	83N	18:52	295	19:44
2026	Jun	17	(Wed)	04:57	05:48	65	12:20	83N	18:52	295	19:44
2026	Jun	18	(Thu)	04:57	05:49	65	12:20	83N	18:52	295	19:44
2026	Jun	19	(Fri)	04:57	05:49	65	12:21	83N	18:52	295	19:44
2026	Jun	20	(Sat)	04:57	05:49	65	12:21	83N	18:53	295	19:45
2026	Jun	21	(Sun)	04:57	05:49	65	12:21	83N	18:53	295	19:45
2026	Jun	22	(Mon)	04:57	05:49	65	12:21	83N	18:53	295	19:45
2026	Jun	23	(Tue)	04:58	05:50	65	12:22	83N	18:53	295	19:45
2026	Jun	24	(Wed)	04:58	05:50	65	12:22	83N	18:54	295	19:45
2026	Jun	25	(Thu)	04:58	05:50	65	12:22	83N	18:54	295	19:46
2026	Jun	26	(Fri)	04:58	05:50	65	12:22	83N	18:54	295	19:46
2026	Jun	27	(Sat)	04:59	05:51	65	12:22	83N	18:54	295	19:46
2026	Jun	28	(Sun)	04:59	05:51	65	12:23	83N	18:54	294	19:46
2026	Jun	29	(Mon)	04:59	05:51	66	12:23	83N	18:54	294	19:46
2026	Jun	30	(Tue)	05:00	05:51	66	12:23	83N	18:54	294	19:46
2026	Jul	01	(Wed)	05:00	05:52	66	12:23	83N	18:55	294	19:46
2026	Jul	02	(Thu)	05:00	05:52	66	12:23	83N	18:55	294	19:46
2026	Jul	03	(Fri)	05:01	05:52	66	12:24	83N	18:55	294	19:46
2026	Jul	04	(Sat)	05:01	05:53	66	12:24	84N	18:55	294	19:46
2026	Jul	05	(Sun)	05:01	05:53	66	12:24	84N	18:55	294	19:46
2026	Jul	06	(Mon)	05:02	05:53	66	12:24	84N	18:55	294	19:46
2026	Jul	07	(Tue)	05:02	05:54	66	12:24	84N	18:55	294	19:46
2026	Jul	08	(Wed)	05:02	05:54	66	12:24	84N	18:55	294	19:46

2026	Jul	09	(Thu)	05:03	05:54	66	12:25	84N	18:55	293	19:46
2026	Jul	10	(Fri)	05:03	05:54	67	12:25	84N	18:55	293	19:46
2026	Jul	11	(Sat)	05:03	05:55	67	12:25	84N	18:55	293	19:46
2026	Jul	12	(Sun)	05:04	05:55	67	12:25	84N	18:55	293	19:46
2026	Jul	13	(Mon)	05:04	05:55	67	12:25	85N	18:55	293	19:46
2026	Jul	14	(Tue)	05:05	05:56	67	12:25	85N	18:55	293	19:46
2026	Jul	15	(Wed)	05:05	05:56	67	12:25	85N	18:54	293	19:45
2026	Jul	16	(Thu)	05:05	05:56	67	12:25	85N	18:54	292	19:45
2026	Jul	17	(Fri)	05:06	05:57	68	12:25	85N	18:54	292	19:45
2026	Jul	18	(Sat)	05:06	05:57	68	12:26	85N	18:54	292	19:45
2026	Jul	19	(Sun)	05:06	05:57	68	12:26	86N	18:54	292	19:45
2026	Jul	20	(Mon)	05:07	05:58	68	12:26	86N	18:54	292	19:44
2026	Jul	21	(Tue)	05:07	05:58	68	12:26	86N	18:53	291	19:44
2026	Jul	22	(Wed)	05:08	05:58	69	12:26	86N	18:53	291	19:44
2026	Jul	23	(Thu)	05:08	05:58	69	12:26	86N	18:53	291	19:43
2026	Jul	24	(Fri)	05:08	05:59	69	12:26	87N	18:53	291	19:43
2026	Jul	25	(Sat)	05:09	05:59	69	12:26	87N	18:53	291	19:43
2026	Jul	26	(Sun)	05:09	05:59	69	12:26	87N	18:52	290	19:42
2026	Jul	27	(Mon)	05:09	06:00	70	12:26	87N	18:52	290	19:42
2026	Jul	28	(Tue)	05:10	06:00	70	12:26	87N	18:52	290	19:42
2026	Jul	29	(Wed)	05:10	06:00	70	12:26	88N	18:51	290	19:41
2026	Jul	30	(Thu)	05:11	06:00	70	12:26	88N	18:51	289	19:41
2026	Jul	31	(Fri)	05:11	06:01	71	12:26	88N	18:51	289	19:40
2026	Aug	01	(Sat)	05:11	06:01	71	12:26	88N	18:50	289	19:40
2026	Aug	02	(Sun)	05:12	06:01	71	12:26	89N	18:50	289	19:39
2026	Aug	03	(Mon)	05:12	06:02	71	12:26	89N	18:49	288	19:39
2026	Aug	04	(Tue)	05:12	06:02	72	12:25	89N	18:49	288	19:38
2026	Aug	05	(Wed)	05:13	06:02	72	12:25	89N	18:49	288	19:38
2026	Aug	06	(Thu)	05:13	06:02	72	12:25	90N	18:48	288	19:37
2026	Aug	07	(Fri)	05:13	06:02	73	12:25	90N	18:48	287	19:37
2026	Aug	08	(Sat)	05:14	06:03	73	12:25	90N	18:47	287	19:36
2026	Aug	09	(Sun)	05:14	06:03	73	12:25	91N	18:47	287	19:36
2026	Aug	10	(Mon)	05:14	06:03	74	12:25	91S	18:46	286	19:35
2026	Aug	11	(Tue)	05:15	06:03	74	12:25	90S	18:46	286	19:34
2026	Aug	12	(Wed)	05:15	06:04	74	12:24	90S	18:45	286	19:34
2026	Aug	13	(Thu)	05:15	06:04	74	12:24	90S	18:45	285	19:33
2026	Aug	14	(Fri)	05:15	06:04	75	12:24	89S	18:44	285	19:32
2026	Aug	15	(Sat)	05:16	06:04	75	12:24	89S	18:43	285	19:32
2026	Aug	16	(Sun)	05:16	06:04	75	12:24	89S	18:43	284	19:31
2026	Aug	17	(Mon)	05:16	06:04	76	12:23	88S	18:42	284	19:30
2026	Aug	18	(Tue)	05:16	06:05	76	12:23	88S	18:42	284	19:30
2026	Aug	19	(Wed)	05:17	06:05	76	12:23	88S	18:41	283	19:29
2026	Aug	20	(Thu)	05:17	06:05	77	12:23	87S	18:40	283	19:28
2026	Aug	21	(Fri)	05:17	06:05	77	12:23	87S	18:40	283	19:28
2026	Aug	22	(Sat)	05:17	06:05	77	12:22	87S	18:39	282	19:27
2026	Aug	23	(Sun)	05:18	06:05	78	12:22	86S	18:38	282	19:26
2026	Aug	24	(Mon)	05:18	06:06	78	12:22	86S	18:38	282	19:25
2026	Aug	25	(Tue)	05:18	06:06	79	12:21	86S	18:37	281	19:25
2026	Aug	26	(Wed)	05:18	06:06	79	12:21	85S	18:36	281	19:24
2026	Aug	27	(Thu)	05:18	06:06	79	12:21	85S	18:36	281	19:23
2026	Aug	28	(Fri)	05:19	06:06	80	12:21	85S	18:35	280	19:22
2026	Aug	29	(Sat)	05:19	06:06	80	12:20	84S	18:34	280	19:22
2026	Aug	30	(Sun)	05:19	06:06	80	12:20	84S	18:34	279	19:21
2026	Aug	31	(Mon)	05:19	06:06	81	12:20	84S	18:33	279	19:20
2026	Sep	01	(Tue)	05:19	06:07	81	12:19	83S	18:32	279	19:19
2026	Sep	02	(Wed)	05:19	06:07	81	12:19	83S	18:31	278	19:18
2026	Sep	03	(Thu)	05:20	06:07	82	12:19	83S	18:31	278	19:18
2026	Sep	04	(Fri)	05:20	06:07	82	12:18	82S	18:30	278	19:17
2026	Sep	05	(Sat)	05:20	06:07	83	12:18	82S	18:29	277	19:16
2026	Sep	06	(Sun)	05:20	06:07	83	12:18	81S	18:28	277	19:15
2026	Sep	07	(Mon)	05:20	06:07	83	12:17	81S	18:28	276	19:14
2026	Sep	08	(Tue)	05:20	06:07	84	12:17	81S	18:27	276	19:14
2026	Sep	09	(Wed)	05:20	06:07	84	12:17	80S	18:26	276	19:13
2026	Sep	10	(Thu)	05:21	06:07	85	12:16	80S	18:25	275	19:12
2026	Sep	11	(Fri)	05:21	06:07	85	12:16	80S	18:24	275	19:11
2026	Sep	12	(Sat)	05:21	06:08	85	12:16	79S	18:24	274	19:10
2026	Sep	13	(Sun)	05:21	06:08	86	12:15	79S	18:23	274	19:09

2026	Sep	14	(Mon)	05:21	06:08	86	12:15	78S	18:22	274	19:09
2026	Sep	15	(Tue)	05:21	06:08	87	12:15	78S	18:21	273	19:08
2026	Sep	16	(Wed)	05:21	06:08	87	12:14	78S	18:20	273	19:07
2026	Sep	17	(Thu)	05:21	06:08	87	12:14	77S	18:20	272	19:06
2026	Sep	18	(Fri)	05:21	06:08	88	12:14	77S	18:19	272	19:05
2026	Sep	19	(Sat)	05:22	06:08	88	12:13	76S	18:18	272	19:05
2026	Sep	20	(Sun)	05:22	06:08	89	12:13	76S	18:17	271	19:04
2026	Sep	21	(Mon)	05:22	06:08	89	12:12	76S	18:17	271	19:03
2026	Sep	22	(Tue)	05:22	06:08	89	12:12	75S	18:16	270	19:02
2026	Sep	23	(Wed)	05:22	06:08	90	12:12	75S	18:15	270	19:01
2026	Sep	24	(Thu)	05:22	06:08	90	12:11	75S	18:14	270	19:01
2026	Sep	25	(Fri)	05:22	06:09	91	12:11	74S	18:13	269	19:00
2026	Sep	26	(Sat)	05:22	06:09	91	12:11	74S	18:13	269	18:59
2026	Sep	27	(Sun)	05:22	06:09	91	12:10	73S	18:12	268	18:58
2026	Sep	28	(Mon)	05:22	06:09	92	12:10	73S	18:11	268	18:57
2026	Sep	29	(Tue)	05:23	06:09	92	12:10	73S	18:10	268	18:57
2026	Sep	30	(Wed)	05:23	06:09	93	12:09	72S	18:09	267	18:56
2026	Oct	01	(Thu)	05:23	06:09	93	12:09	72S	18:09	267	18:55
2026	Oct	02	(Fri)	05:23	06:09	93	12:09	71S	18:08	266	18:54
2026	Oct	03	(Sat)	05:23	06:09	94	12:08	71S	18:07	266	18:54
2026	Oct	04	(Sun)	05:23	06:10	94	12:08	71S	18:06	266	18:53
2026	Oct	05	(Mon)	05:23	06:10	95	12:08	70S	18:06	265	18:52
2026	Oct	06	(Tue)	05:23	06:10	95	12:08	70S	18:05	265	18:51
2026	Oct	07	(Wed)	05:23	06:10	95	12:07	69S	18:04	264	18:51
2026	Oct	08	(Thu)	05:24	06:10	96	12:07	69S	18:04	264	18:50
2026	Oct	09	(Fri)	05:24	06:10	96	12:07	69S	18:03	264	18:49
2026	Oct	10	(Sat)	05:24	06:10	97	12:06	68S	18:02	263	18:49
2026	Oct	11	(Sun)	05:24	06:11	97	12:06	68S	18:01	263	18:48
2026	Oct	12	(Mon)	05:24	06:11	97	12:06	68S	18:01	262	18:47
2026	Oct	13	(Tue)	05:24	06:11	98	12:06	67S	18:00	262	18:47
2026	Oct	14	(Wed)	05:24	06:11	98	12:05	67S	17:59	262	18:46
2026	Oct	15	(Thu)	05:25	06:11	99	12:05	66S	17:59	261	18:46
2026	Oct	16	(Fri)	05:25	06:11	99	12:05	66S	17:58	261	18:45
2026	Oct	17	(Sat)	05:25	06:12	99	12:05	66S	17:58	261	18:44
2026	Oct	18	(Sun)	05:25	06:12	100	12:05	65S	17:57	260	18:44
2026	Oct	19	(Mon)	05:25	06:12	100	12:04	65S	17:56	260	18:43
2026	Oct	20	(Tue)	05:25	06:12	100	12:04	65S	17:56	259	18:43
2026	Oct	21	(Wed)	05:26	06:13	101	12:04	64S	17:55	259	18:42
2026	Oct	22	(Thu)	05:26	06:13	101	12:04	64S	17:55	259	18:42
2026	Oct	23	(Fri)	05:26	06:13	102	12:04	64S	17:54	258	18:41
2026	Oct	24	(Sat)	05:26	06:13	102	12:04	63S	17:54	258	18:41
2026	Oct	25	(Sun)	05:26	06:14	102	12:03	63S	17:53	258	18:40
2026	Oct	26	(Mon)	05:27	06:14	103	12:03	63S	17:53	257	18:40
2026	Oct	27	(Tue)	05:27	06:14	103	12:03	62S	17:52	257	18:39
2026	Oct	28	(Wed)	05:27	06:15	103	12:03	62S	17:52	257	18:39
2026	Oct	29	(Thu)	05:27	06:15	104	12:03	62S	17:51	256	18:39
2026	Oct	30	(Fri)	05:28	06:15	104	12:03	61S	17:51	256	18:38
2026	Oct	31	(Sat)	05:28	06:15	104	12:03	61S	17:50	255	18:38
2026	Nov	01	(Sun)	05:28	06:16	105	12:03	61S	17:50	255	18:37
2026	Nov	02	(Mon)	05:28	06:16	105	12:03	60S	17:49	255	18:37
2026	Nov	03	(Tue)	05:29	06:17	105	12:03	60S	17:49	255	18:37
2026	Nov	04	(Wed)	05:29	06:17	106	12:03	60S	17:49	254	18:37
2026	Nov	05	(Thu)	05:29	06:17	106	12:03	59S	17:48	254	18:36
2026	Nov	06	(Fri)	05:30	06:18	106	12:03	59S	17:48	254	18:36
2026	Nov	07	(Sat)	05:30	06:18	107	12:03	59S	17:48	253	18:36
2026	Nov	08	(Sun)	05:30	06:19	107	12:03	58S	17:47	253	18:36
2026	Nov	09	(Mon)	05:31	06:19	107	12:03	58S	17:47	253	18:35
2026	Nov	10	(Tue)	05:31	06:19	108	12:03	58S	17:47	252	18:35
2026	Nov	11	(Wed)	05:31	06:20	108	12:03	58S	17:47	252	18:35
2026	Nov	12	(Thu)	05:32	06:20	108	12:03	57S	17:46	252	18:35
2026	Nov	13	(Fri)	05:32	06:21	108	12:04	57S	17:46	251	18:35
2026	Nov	14	(Sat)	05:33	06:21	109	12:04	57S	17:46	251	18:35
2026	Nov	15	(Sun)	05:33	06:22	109	12:04	57S	17:46	251	18:35
2026	Nov	16	(Mon)	05:33	06:22	109	12:04	56S	17:46	251	18:35
2026	Nov	17	(Tue)	05:34	06:23	109	12:04	56S	17:46	250	18:34
2026	Nov	18	(Wed)	05:34	06:23	110	12:04	56S	17:46	250	18:34
2026	Nov	19	(Thu)	05:35	06:24	110	12:05	56S	17:45	250	18:34

2026	Nov	20	(Fri)	05:35	06:24	110	12:05	55S	17:45	250	18:34
2026	Nov	21	(Sat)	05:36	06:25	110	12:05	55S	17:45	249	18:34
2026	Nov	22	(Sun)	05:36	06:25	111	12:05	55S	17:45	249	18:35
2026	Nov	23	(Mon)	05:37	06:26	111	12:06	55S	17:45	249	18:35
2026	Nov	24	(Tue)	05:37	06:26	111	12:06	54S	17:45	249	18:35
2026	Nov	25	(Wed)	05:37	06:27	111	12:06	54S	17:45	249	18:35
2026	Nov	26	(Thu)	05:38	06:27	111	12:07	54S	17:46	248	18:35
2026	Nov	27	(Fri)	05:38	06:28	112	12:07	54S	17:46	248	18:35
2026	Nov	28	(Sat)	05:39	06:28	112	12:07	54S	17:46	248	18:35
2026	Nov	29	(Sun)	05:39	06:29	112	12:07	54S	17:46	248	18:35
2026	Nov	30	(Mon)	05:40	06:30	112	12:08	53S	17:46	248	18:36
2026	Dec	01	(Tue)	05:40	06:30	112	12:08	53S	17:46	248	18:36
2026	Dec	02	(Wed)	05:41	06:31	113	12:09	53S	17:46	247	18:36
2026	Dec	03	(Thu)	05:42	06:31	113	12:09	53S	17:47	247	18:36
2026	Dec	04	(Fri)	05:42	06:32	113	12:09	53S	17:47	247	18:37
2026	Dec	05	(Sat)	05:43	06:32	113	12:10	53S	17:47	247	18:37
2026	Dec	06	(Sun)	05:43	06:33	113	12:10	53S	17:47	247	18:37
2026	Dec	07	(Mon)	05:44	06:34	113	12:11	52S	17:48	247	18:38
2026	Dec	08	(Tue)	05:44	06:34	113	12:11	52S	17:48	247	18:38
2026	Dec	09	(Wed)	05:45	06:35	113	12:12	52S	17:48	246	18:38
2026	Dec	10	(Thu)	05:45	06:35	114	12:12	52S	17:49	246	18:39
2026	Dec	11	(Fri)	05:46	06:36	114	12:12	52S	17:49	246	18:39
2026	Dec	12	(Sat)	05:46	06:36	114	12:13	52S	17:49	246	18:39
2026	Dec	13	(Sun)	05:47	06:37	114	12:13	52S	17:50	246	18:40
2026	Dec	14	(Mon)	05:47	06:38	114	12:14	52S	17:50	246	18:40
2026	Dec	15	(Tue)	05:48	06:38	114	12:14	52S	17:50	246	18:41
2026	Dec	16	(Wed)	05:48	06:39	114	12:15	52S	17:51	246	18:41
2026	Dec	17	(Thu)	05:49	06:39	114	12:15	52S	17:51	246	18:42
2026	Dec	18	(Fri)	05:50	06:40	114	12:16	52S	17:52	246	18:42
2026	Dec	19	(Sat)	05:50	06:40	114	12:16	52S	17:52	246	18:42
2026	Dec	20	(Sun)	05:51	06:41	114	12:17	52S	17:53	246	18:43
2026	Dec	21	(Mon)	05:51	06:41	114	12:17	52S	17:53	246	18:43
2026	Dec	22	(Tue)	05:52	06:42	114	12:18	52S	17:54	246	18:44
2026	Dec	23	(Wed)	05:52	06:42	114	12:18	52S	17:54	246	18:44
2026	Dec	24	(Thu)	05:53	06:43	114	12:19	52S	17:55	246	18:45
2026	Dec	25	(Fri)	05:53	06:43	114	12:19	52S	17:55	246	18:45
2026	Dec	26	(Sat)	05:53	06:44	114	12:20	52S	17:56	246	18:46
2026	Dec	27	(Sun)	05:54	06:44	114	12:20	52S	17:56	246	18:47
2026	Dec	28	(Mon)	05:54	06:45	114	12:21	52S	17:57	246	18:47
2026	Dec	29	(Tue)	05:55	06:45	114	12:21	52S	17:57	246	18:48
2026	Dec	30	(Wed)	05:55	06:45	114	12:22	52S	17:58	246	18:48
2026	Dec	31	(Thu)	05:56	06:46	114	12:22	52S	17:59	246	18:49

Sun

023.Nakhon Sawan

Location: E100°10'26.4", N15°42'43.1", 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	
2026	Jan	01	(Thu)	06:23	06:46	114	12:23	52S	17:59	246	18:23
2026	Jan	02	(Fri)	06:23	06:47	114	12:23	52S	18:00	246	18:23
2026	Jan	03	(Sat)	06:24	06:47	114	12:24	52S	18:00	247	18:24
2026	Jan	04	(Sun)	06:24	06:47	113	12:24	52S	18:01	247	18:24
2026	Jan	05	(Mon)	06:24	06:48	113	12:25	52S	18:02	247	18:25
2026	Jan	06	(Tue)	06:25	06:48	113	12:25	53S	18:02	247	18:25
2026	Jan	07	(Wed)	06:25	06:48	113	12:25	53S	18:03	247	18:26
2026	Jan	08	(Thu)	06:25	06:48	113	12:26	53S	18:03	247	18:27
2026	Jan	09	(Fri)	06:26	06:49	113	12:26	53S	18:04	247	18:27
2026	Jan	10	(Sat)	06:26	06:49	113	12:27	53S	18:05	247	18:28
2026	Jan	11	(Sun)	06:26	06:49	112	12:27	53S	18:05	248	18:28
2026	Jan	12	(Mon)	06:26	06:49	112	12:27	53S	18:06	248	18:29

2026	Jan 13	(Tue)	06:26	06:50	112	12:28	54S	18:06	248	18:29
2026	Jan 14	(Wed)	06:27	06:50	112	12:28	54S	18:07	248	18:30
2026	Jan 15	(Thu)	06:27	06:50	112	12:29	54S	18:08	248	18:31
2026	Jan 16	(Fri)	06:27	06:50	112	12:29	54S	18:08	249	18:31
2026	Jan 17	(Sat)	06:27	06:50	111	12:29	54S	18:09	249	18:32
2026	Jan 18	(Sun)	06:27	06:50	111	12:30	54S	18:09	249	18:32
2026	Jan 19	(Mon)	06:27	06:50	111	12:30	55S	18:10	249	18:33
2026	Jan 20	(Tue)	06:27	06:50	111	12:30	55S	18:10	249	18:33
2026	Jan 21	(Wed)	06:27	06:50	111	12:31	55S	18:11	250	18:34
2026	Jan 22	(Thu)	06:27	06:50	110	12:31	55S	18:12	250	18:34
2026	Jan 23	(Fri)	06:27	06:50	110	12:31	56S	18:12	250	18:35
2026	Jan 24	(Sat)	06:27	06:50	110	12:31	56S	18:13	250	18:35
2026	Jan 25	(Sun)	06:27	06:50	110	12:32	56S	18:13	251	18:36
2026	Jan 26	(Mon)	06:27	06:50	109	12:32	56S	18:14	251	18:36
2026	Jan 27	(Tue)	06:27	06:50	109	12:32	57S	18:14	251	18:37
2026	Jan 28	(Wed)	06:27	06:50	109	12:32	57S	18:15	251	18:37
2026	Jan 29	(Thu)	06:27	06:50	108	12:32	57S	18:15	252	18:38
2026	Jan 30	(Fri)	06:27	06:49	108	12:33	57S	18:16	252	18:38
2026	Jan 31	(Sat)	06:27	06:49	108	12:33	58S	18:16	252	18:39
2026	Feb 01	(Sun)	06:27	06:49	108	12:33	58S	18:17	253	18:39
2026	Feb 02	(Mon)	06:26	06:49	107	12:33	58S	18:17	253	18:40
2026	Feb 03	(Tue)	06:26	06:49	107	12:33	58S	18:18	253	18:40
2026	Feb 04	(Wed)	06:26	06:48	107	12:33	59S	18:18	253	18:40
2026	Feb 05	(Thu)	06:26	06:48	106	12:33	59S	18:19	254	18:41
2026	Feb 06	(Fri)	06:26	06:48	106	12:33	59S	18:19	254	18:41
2026	Feb 07	(Sat)	06:25	06:48	106	12:33	60S	18:19	254	18:42
2026	Feb 08	(Sun)	06:25	06:47	105	12:33	60S	18:20	255	18:42
2026	Feb 09	(Mon)	06:25	06:47	105	12:33	60S	18:20	255	18:42
2026	Feb 10	(Tue)	06:24	06:46	105	12:33	61S	18:21	255	18:43
2026	Feb 11	(Wed)	06:24	06:46	104	12:33	61S	18:21	256	18:43
2026	Feb 12	(Thu)	06:24	06:46	104	12:33	61S	18:21	256	18:43
2026	Feb 13	(Fri)	06:23	06:45	104	12:33	62S	18:22	256	18:44
2026	Feb 14	(Sat)	06:23	06:45	103	12:33	62S	18:22	257	18:44
2026	Feb 15	(Sun)	06:22	06:44	103	12:33	62S	18:23	257	18:44
2026	Feb 16	(Mon)	06:22	06:44	103	12:33	63S	18:23	258	18:45
2026	Feb 17	(Tue)	06:22	06:44	102	12:33	63S	18:23	258	18:45
2026	Feb 18	(Wed)	06:21	06:43	102	12:33	63S	18:24	258	18:45
2026	Feb 19	(Thu)	06:21	06:43	102	12:33	64S	18:24	259	18:46
2026	Feb 20	(Fri)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2026	Feb 21	(Sat)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2026	Feb 22	(Sun)	06:19	06:41	100	12:33	65S	18:25	260	18:47
2026	Feb 23	(Mon)	06:19	06:40	100	12:33	65S	18:25	260	18:47
2026	Feb 24	(Tue)	06:18	06:40	100	12:33	66S	18:25	261	18:47
2026	Feb 25	(Wed)	06:18	06:39	99	12:32	66S	18:26	261	18:47
2026	Feb 26	(Thu)	06:17	06:39	99	12:32	66S	18:26	261	18:48
2026	Feb 27	(Fri)	06:16	06:38	99	12:32	67S	18:26	262	18:48
2026	Feb 28	(Sat)	06:16	06:38	98	12:32	67S	18:26	262	18:48
2026	Mar 01	(Sun)	06:15	06:37	98	12:32	67S	18:27	262	18:48
2026	Mar 02	(Mon)	06:15	06:36	97	12:31	68S	18:27	263	18:48
2026	Mar 03	(Tue)	06:14	06:36	97	12:31	68S	18:27	263	18:49
2026	Mar 04	(Wed)	06:13	06:35	97	12:31	69S	18:27	264	18:49
2026	Mar 05	(Thu)	06:13	06:34	96	12:31	69S	18:28	264	18:49
2026	Mar 06	(Fri)	06:12	06:34	96	12:31	69S	18:28	264	18:49
2026	Mar 07	(Sat)	06:11	06:33	95	12:30	70S	18:28	265	18:49
2026	Mar 08	(Sun)	06:11	06:32	95	12:30	70S	18:28	265	18:50
2026	Mar 09	(Mon)	06:10	06:32	95	12:30	71S	18:28	266	18:50
2026	Mar 10	(Tue)	06:09	06:31	94	12:30	71S	18:28	266	18:50
2026	Mar 11	(Wed)	06:09	06:30	94	12:29	71S	18:29	266	18:50
2026	Mar 12	(Thu)	06:08	06:30	93	12:29	72S	18:29	267	18:50
2026	Mar 13	(Fri)	06:07	06:29	93	12:29	72S	18:29	267	18:51
2026	Mar 14	(Sat)	06:07	06:28	92	12:29	72S	18:29	268	18:51
2026	Mar 15	(Sun)	06:06	06:27	92	12:28	73S	18:29	268	18:51
2026	Mar 16	(Mon)	06:05	06:27	92	12:28	73S	18:30	269	18:51
2026	Mar 17	(Tue)	06:04	06:26	91	12:28	74S	18:30	269	18:51
2026	Mar 18	(Wed)	06:04	06:25	91	12:27	74S	18:30	269	18:51
2026	Mar 19	(Thu)	06:03	06:24	90	12:27	74S	18:30	270	18:51
2026	Mar 20	(Fri)	06:02	06:24	90	12:27	75S	18:30	270	18:52

2026	Mar	21	(Sat)	06:02	06:23	90	12:27	75S	18:30	271	18:52
2026	Mar	22	(Sun)	06:01	06:22	89	12:26	76S	18:30	271	18:52
2026	Mar	23	(Mon)	06:00	06:22	89	12:26	76S	18:31	271	18:52
2026	Mar	24	(Tue)	05:59	06:21	88	12:26	76S	18:31	272	18:52
2026	Mar	25	(Wed)	05:59	06:20	88	12:25	77S	18:31	272	18:52
2026	Mar	26	(Thu)	05:58	06:19	88	12:25	77S	18:31	273	18:53
2026	Mar	27	(Fri)	05:57	06:19	87	12:25	78S	18:31	273	18:53
2026	Mar	28	(Sat)	05:56	06:18	87	12:24	78S	18:31	273	18:53
2026	Mar	29	(Sun)	05:56	06:17	86	12:24	78S	18:31	274	18:53
2026	Mar	30	(Mon)	05:55	06:16	86	12:24	79S	18:32	274	18:53
2026	Mar	31	(Tue)	05:54	06:16	86	12:24	79S	18:32	275	18:53
2026	Apr	01	(Wed)	05:53	06:15	85	12:23	80S	18:32	275	18:53
2026	Apr	02	(Thu)	05:53	06:14	85	12:23	80S	18:32	275	18:54
2026	Apr	03	(Fri)	05:52	06:13	84	12:23	80S	18:32	276	18:54
2026	Apr	04	(Sat)	05:51	06:13	84	12:22	81S	18:32	276	18:54
2026	Apr	05	(Sun)	05:50	06:12	84	12:22	81S	18:32	277	18:54
2026	Apr	06	(Mon)	05:50	06:11	83	12:22	81S	18:33	277	18:54
2026	Apr	07	(Tue)	05:49	06:10	83	12:21	82S	18:33	277	18:54
2026	Apr	08	(Wed)	05:48	06:10	82	12:21	82S	18:33	278	18:55
2026	Apr	09	(Thu)	05:47	06:09	82	12:21	83S	18:33	278	18:55
2026	Apr	10	(Fri)	05:47	06:08	82	12:21	83S	18:33	279	18:55
2026	Apr	11	(Sat)	05:46	06:08	81	12:20	83S	18:33	279	18:55
2026	Apr	12	(Sun)	05:45	06:07	81	12:20	84S	18:34	279	18:55
2026	Apr	13	(Mon)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2026	Apr	14	(Tue)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2026	Apr	15	(Wed)	05:43	06:05	80	12:19	85S	18:34	280	18:56
2026	Apr	16	(Thu)	05:42	06:04	79	12:19	85S	18:34	281	18:56
2026	Apr	17	(Fri)	05:42	06:04	79	12:19	85S	18:34	281	18:56
2026	Apr	18	(Sat)	05:41	06:03	79	12:19	86S	18:35	282	18:57
2026	Apr	19	(Sun)	05:40	06:02	78	12:18	86S	18:35	282	18:57
2026	Apr	20	(Mon)	05:40	06:02	78	12:18	87S	18:35	282	18:57
2026	Apr	21	(Tue)	05:39	06:01	78	12:18	87S	18:35	283	18:57
2026	Apr	22	(Wed)	05:38	06:01	77	12:18	87S	18:35	283	18:58
2026	Apr	23	(Thu)	05:38	06:00	77	12:18	88S	18:36	283	18:58
2026	Apr	24	(Fri)	05:37	05:59	76	12:17	88S	18:36	284	18:58
2026	Apr	25	(Sat)	05:37	05:59	76	12:17	88S	18:36	284	18:58
2026	Apr	26	(Sun)	05:36	05:58	76	12:17	89S	18:36	284	18:59
2026	Apr	27	(Mon)	05:35	05:58	75	12:17	89S	18:36	285	18:59
2026	Apr	28	(Tue)	05:35	05:57	75	12:17	89S	18:37	285	18:59
2026	Apr	29	(Wed)	05:34	05:57	75	12:17	89S	18:37	285	18:59
2026	Apr	30	(Thu)	05:34	05:56	74	12:17	90S	18:37	286	19:00
2026	May	01	(Fri)	05:33	05:56	74	12:16	90S	18:37	286	19:00
2026	May	02	(Sat)	05:33	05:55	74	12:16	90S	18:38	286	19:00
2026	May	03	(Sun)	05:32	05:55	74	12:16	91S	18:38	287	19:00
2026	May	04	(Mon)	05:32	05:54	73	12:16	90N	18:38	287	19:01
2026	May	05	(Tue)	05:31	05:54	73	12:16	90N	18:39	287	19:01
2026	May	06	(Wed)	05:31	05:53	73	12:16	90N	18:39	288	19:01
2026	May	07	(Thu)	05:30	05:53	72	12:16	90N	18:39	288	19:02
2026	May	08	(Fri)	05:30	05:52	72	12:16	89N	18:39	288	19:02
2026	May	09	(Sat)	05:29	05:52	72	12:16	89N	18:40	288	19:02
2026	May	10	(Sun)	05:29	05:52	71	12:16	89N	18:40	289	19:03
2026	May	11	(Mon)	05:29	05:51	71	12:16	89N	18:40	289	19:03
2026	May	12	(Tue)	05:28	05:51	71	12:16	88N	18:41	289	19:03
2026	May	13	(Wed)	05:28	05:51	71	12:16	88N	18:41	289	19:04
2026	May	14	(Thu)	05:27	05:50	70	12:16	88N	18:41	290	19:04
2026	May	15	(Fri)	05:27	05:50	70	12:16	88N	18:41	290	19:04
2026	May	16	(Sat)	05:27	05:50	70	12:16	87N	18:42	290	19:05
2026	May	17	(Sun)	05:26	05:49	70	12:16	87N	18:42	290	19:05
2026	May	18	(Mon)	05:26	05:49	69	12:16	87N	18:42	291	19:06
2026	May	19	(Tue)	05:26	05:49	69	12:16	87N	18:43	291	19:06
2026	May	20	(Wed)	05:26	05:49	69	12:16	86N	18:43	291	19:06
2026	May	21	(Thu)	05:25	05:49	69	12:16	86N	18:43	291	19:07
2026	May	22	(Fri)	05:25	05:48	69	12:16	86N	18:44	292	19:07
2026	May	23	(Sat)	05:25	05:48	68	12:16	86N	18:44	292	19:07
2026	May	24	(Sun)	05:25	05:48	68	12:16	86N	18:44	292	19:08
2026	May	25	(Mon)	05:25	05:48	68	12:16	85N	18:45	292	19:08
2026	May	26	(Tue)	05:24	05:48	68	12:16	85N	18:45	292	19:08

2026	May 27	(Wed)	05:24	05:48	68	12:16	85N	18:45	292	19:09
2026	May 28	(Thu)	05:24	05:47	67	12:17	85N	18:46	293	19:09
2026	May 29	(Fri)	05:24	05:47	67	12:17	85N	18:46	293	19:10
2026	May 30	(Sat)	05:24	05:47	67	12:17	85N	18:46	293	19:10
2026	May 31	(Sun)	05:24	05:47	67	12:17	85N	18:47	293	19:10
2026	Jun 01	(Mon)	05:24	05:47	67	12:17	84N	18:47	293	19:11
2026	Jun 02	(Tue)	05:24	05:47	67	12:17	84N	18:47	293	19:11
2026	Jun 03	(Wed)	05:24	05:47	67	12:17	84N	18:48	294	19:11
2026	Jun 04	(Thu)	05:24	05:47	66	12:18	84N	18:48	294	19:12
2026	Jun 05	(Fri)	05:24	05:47	66	12:18	84N	18:48	294	19:12
2026	Jun 06	(Sat)	05:24	05:47	66	12:18	84N	18:49	294	19:12
2026	Jun 07	(Sun)	05:24	05:47	66	12:18	84N	18:49	294	19:13
2026	Jun 08	(Mon)	05:24	05:47	66	12:18	84N	18:49	294	19:13
2026	Jun 09	(Tue)	05:24	05:47	66	12:19	83N	18:50	294	19:13
2026	Jun 10	(Wed)	05:24	05:47	66	12:19	83N	18:50	294	19:14
2026	Jun 11	(Thu)	05:24	05:48	66	12:19	83N	18:50	294	19:14
2026	Jun 12	(Fri)	05:24	05:48	66	12:19	83N	18:51	294	19:14
2026	Jun 13	(Sat)	05:24	05:48	66	12:19	83N	18:51	294	19:15
2026	Jun 14	(Sun)	05:24	05:48	66	12:20	83N	18:51	294	19:15
2026	Jun 15	(Mon)	05:24	05:48	65	12:20	83N	18:51	295	19:15
2026	Jun 16	(Tue)	05:24	05:48	65	12:20	83N	18:52	295	19:16
2026	Jun 17	(Wed)	05:25	05:48	65	12:20	83N	18:52	295	19:16
2026	Jun 18	(Thu)	05:25	05:49	65	12:20	83N	18:52	295	19:16
2026	Jun 19	(Fri)	05:25	05:49	65	12:21	83N	18:52	295	19:16
2026	Jun 20	(Sat)	05:25	05:49	65	12:21	83N	18:53	295	19:17
2026	Jun 21	(Sun)	05:25	05:49	65	12:21	83N	18:53	295	19:17
2026	Jun 22	(Mon)	05:26	05:49	65	12:21	83N	18:53	295	19:17
2026	Jun 23	(Tue)	05:26	05:50	65	12:22	83N	18:53	295	19:17
2026	Jun 24	(Wed)	05:26	05:50	65	12:22	83N	18:54	295	19:17
2026	Jun 25	(Thu)	05:26	05:50	65	12:22	83N	18:54	295	19:17
2026	Jun 26	(Fri)	05:27	05:50	65	12:22	83N	18:54	295	19:18
2026	Jun 27	(Sat)	05:27	05:51	65	12:22	83N	18:54	295	19:18
2026	Jun 28	(Sun)	05:27	05:51	65	12:23	83N	18:54	294	19:18
2026	Jun 29	(Mon)	05:27	05:51	66	12:23	83N	18:54	294	19:18
2026	Jun 30	(Tue)	05:28	05:51	66	12:23	83N	18:54	294	19:18
2026	Jul 01	(Wed)	05:28	05:52	66	12:23	83N	18:55	294	19:18
2026	Jul 02	(Thu)	05:28	05:52	66	12:23	83N	18:55	294	19:18
2026	Jul 03	(Fri)	05:29	05:52	66	12:24	83N	18:55	294	19:18
2026	Jul 04	(Sat)	05:29	05:53	66	12:24	84N	18:55	294	19:18
2026	Jul 05	(Sun)	05:29	05:53	66	12:24	84N	18:55	294	19:18
2026	Jul 06	(Mon)	05:30	05:53	66	12:24	84N	18:55	294	19:18
2026	Jul 07	(Tue)	05:30	05:54	66	12:24	84N	18:55	294	19:18
2026	Jul 08	(Wed)	05:30	05:54	66	12:24	84N	18:55	294	19:18
2026	Jul 09	(Thu)	05:31	05:54	66	12:25	84N	18:55	293	19:18
2026	Jul 10	(Fri)	05:31	05:54	67	12:25	84N	18:55	293	19:18
2026	Jul 11	(Sat)	05:31	05:55	67	12:25	84N	18:55	293	19:18
2026	Jul 12	(Sun)	05:32	05:55	67	12:25	84N	18:55	293	19:18
2026	Jul 13	(Mon)	05:32	05:55	67	12:25	85N	18:55	293	19:18
2026	Jul 14	(Tue)	05:32	05:56	67	12:25	85N	18:55	293	19:18
2026	Jul 15	(Wed)	05:33	05:56	67	12:25	85N	18:54	293	19:18
2026	Jul 16	(Thu)	05:33	05:56	67	12:25	85N	18:54	292	19:18
2026	Jul 17	(Fri)	05:33	05:57	68	12:25	85N	18:54	292	19:18
2026	Jul 18	(Sat)	05:34	05:57	68	12:26	85N	18:54	292	19:17
2026	Jul 19	(Sun)	05:34	05:57	68	12:26	86N	18:54	292	19:17
2026	Jul 20	(Mon)	05:34	05:58	68	12:26	86N	18:54	292	19:17
2026	Jul 21	(Tue)	05:35	05:58	68	12:26	86N	18:53	291	19:17
2026	Jul 22	(Wed)	05:35	05:58	69	12:26	86N	18:53	291	19:16
2026	Jul 23	(Thu)	05:35	05:58	69	12:26	86N	18:53	291	19:16
2026	Jul 24	(Fri)	05:36	05:59	69	12:26	87N	18:53	291	19:16
2026	Jul 25	(Sat)	05:36	05:59	69	12:26	87N	18:53	291	19:16
2026	Jul 26	(Sun)	05:36	05:59	69	12:26	87N	18:52	290	19:15
2026	Jul 27	(Mon)	05:37	06:00	70	12:26	87N	18:52	290	19:15
2026	Jul 28	(Tue)	05:37	06:00	70	12:26	87N	18:52	290	19:15
2026	Jul 29	(Wed)	05:37	06:00	70	12:26	88N	18:51	290	19:14
2026	Jul 30	(Thu)	05:38	06:00	70	12:26	88N	18:51	289	19:14
2026	Jul 31	(Fri)	05:38	06:01	71	12:26	88N	18:51	289	19:13
2026	Aug 01	(Sat)	05:38	06:01	71	12:26	88N	18:50	289	19:13

2026	Aug	02	(Sun)	05:38	06:01	71	12:26	89N	18:50	289	19:13
2026	Aug	03	(Mon)	05:39	06:02	71	12:26	89N	18:49	288	19:12
2026	Aug	04	(Tue)	05:39	06:02	72	12:25	89N	18:49	288	19:12
2026	Aug	05	(Wed)	05:39	06:02	72	12:25	89N	18:49	288	19:11
2026	Aug	06	(Thu)	05:40	06:02	72	12:25	90N	18:48	288	19:11
2026	Aug	07	(Fri)	05:40	06:02	73	12:25	90N	18:48	287	19:10
2026	Aug	08	(Sat)	05:40	06:03	73	12:25	90N	18:47	287	19:10
2026	Aug	09	(Sun)	05:40	06:03	73	12:25	91N	18:47	287	19:09
2026	Aug	10	(Mon)	05:41	06:03	74	12:25	91S	18:46	286	19:09
2026	Aug	11	(Tue)	05:41	06:03	74	12:25	90S	18:46	286	19:08
2026	Aug	12	(Wed)	05:41	06:04	74	12:24	90S	18:45	286	19:07
2026	Aug	13	(Thu)	05:41	06:04	74	12:24	90S	18:45	285	19:07
2026	Aug	14	(Fri)	05:42	06:04	75	12:24	89S	18:44	285	19:06
2026	Aug	15	(Sat)	05:42	06:04	75	12:24	89S	18:43	285	19:06
2026	Aug	16	(Sun)	05:42	06:04	75	12:24	89S	18:43	284	19:05
2026	Aug	17	(Mon)	05:42	06:04	76	12:23	88S	18:42	284	19:04
2026	Aug	18	(Tue)	05:42	06:05	76	12:23	88S	18:42	284	19:04
2026	Aug	19	(Wed)	05:43	06:05	76	12:23	88S	18:41	283	19:03
2026	Aug	20	(Thu)	05:43	06:05	77	12:23	87S	18:40	283	19:02
2026	Aug	21	(Fri)	05:43	06:05	77	12:23	87S	18:40	283	19:02
2026	Aug	22	(Sat)	05:43	06:05	77	12:22	87S	18:39	282	19:01
2026	Aug	23	(Sun)	05:43	06:05	78	12:22	86S	18:38	282	19:00
2026	Aug	24	(Mon)	05:44	06:06	78	12:22	86S	18:38	282	19:00
2026	Aug	25	(Tue)	05:44	06:06	79	12:21	86S	18:37	281	18:59
2026	Aug	26	(Wed)	05:44	06:06	79	12:21	85S	18:36	281	18:58
2026	Aug	27	(Thu)	05:44	06:06	79	12:21	85S	18:36	281	18:58
2026	Aug	28	(Fri)	05:44	06:06	80	12:21	85S	18:35	280	18:57
2026	Aug	29	(Sat)	05:44	06:06	80	12:20	84S	18:34	280	18:56
2026	Aug	30	(Sun)	05:44	06:06	80	12:20	84S	18:34	279	18:55
2026	Aug	31	(Mon)	05:45	06:06	81	12:20	84S	18:33	279	18:55
2026	Sep	01	(Tue)	05:45	06:07	81	12:19	83S	18:32	279	18:54
2026	Sep	02	(Wed)	05:45	06:07	81	12:19	83S	18:31	278	18:53
2026	Sep	03	(Thu)	05:45	06:07	82	12:19	83S	18:31	278	18:52
2026	Sep	04	(Fri)	05:45	06:07	82	12:18	82S	18:30	278	18:52
2026	Sep	05	(Sat)	05:45	06:07	83	12:18	82S	18:29	277	18:51
2026	Sep	06	(Sun)	05:45	06:07	83	12:18	81S	18:28	277	18:50
2026	Sep	07	(Mon)	05:45	06:07	83	12:17	81S	18:28	276	18:49
2026	Sep	08	(Tue)	05:46	06:07	84	12:17	81S	18:27	276	18:48
2026	Sep	09	(Wed)	05:46	06:07	84	12:17	80S	18:26	276	18:48
2026	Sep	10	(Thu)	05:46	06:07	85	12:16	80S	18:25	275	18:47
2026	Sep	11	(Fri)	05:46	06:07	85	12:16	80S	18:24	275	18:46
2026	Sep	12	(Sat)	05:46	06:08	85	12:16	79S	18:24	274	18:45
2026	Sep	13	(Sun)	05:46	06:08	86	12:15	79S	18:23	274	18:44
2026	Sep	14	(Mon)	05:46	06:08	86	12:15	78S	18:22	274	18:44
2026	Sep	15	(Tue)	05:46	06:08	87	12:15	78S	18:21	273	18:43
2026	Sep	16	(Wed)	05:46	06:08	87	12:14	78S	18:20	273	18:42
2026	Sep	17	(Thu)	05:46	06:08	87	12:14	77S	18:20	272	18:41
2026	Sep	18	(Fri)	05:46	06:08	88	12:14	77S	18:19	272	18:40
2026	Sep	19	(Sat)	05:47	06:08	88	12:13	76S	18:18	272	18:40
2026	Sep	20	(Sun)	05:47	06:08	89	12:13	76S	18:17	271	18:39
2026	Sep	21	(Mon)	05:47	06:08	89	12:12	76S	18:17	271	18:38
2026	Sep	22	(Tue)	05:47	06:08	89	12:12	75S	18:16	270	18:37
2026	Sep	23	(Wed)	05:47	06:08	90	12:12	75S	18:15	270	18:36
2026	Sep	24	(Thu)	05:47	06:08	90	12:11	75S	18:14	270	18:36
2026	Sep	25	(Fri)	05:47	06:09	91	12:11	74S	18:13	269	18:35
2026	Sep	26	(Sat)	05:47	06:09	91	12:11	74S	18:13	269	18:34
2026	Sep	27	(Sun)	05:47	06:09	91	12:10	73S	18:12	268	18:33
2026	Sep	28	(Mon)	05:47	06:09	92	12:10	73S	18:11	268	18:32
2026	Sep	29	(Tue)	05:47	06:09	92	12:10	73S	18:10	268	18:32
2026	Sep	30	(Wed)	05:48	06:09	93	12:09	72S	18:09	267	18:31
2026	Oct	01	(Thu)	05:48	06:09	93	12:09	72S	18:09	267	18:30
2026	Oct	02	(Fri)	05:48	06:09	93	12:09	71S	18:08	266	18:29
2026	Oct	03	(Sat)	05:48	06:09	94	12:08	71S	18:07	266	18:29
2026	Oct	04	(Sun)	05:48	06:10	94	12:08	71S	18:06	266	18:28
2026	Oct	05	(Mon)	05:48	06:10	95	12:08	70S	18:06	265	18:27
2026	Oct	06	(Tue)	05:48	06:10	95	12:08	70S	18:05	265	18:27
2026	Oct	07	(Wed)	05:48	06:10	95	12:07	69S	18:04	264	18:26

2026	Oct	08	(Thu)	05:49	06:10	96	12:07	69S	18:04	264	18:25
2026	Oct	09	(Fri)	05:49	06:10	96	12:07	69S	18:03	264	18:24
2026	Oct	10	(Sat)	05:49	06:10	97	12:06	68S	18:02	263	18:24
2026	Oct	11	(Sun)	05:49	06:11	97	12:06	68S	18:01	263	18:23
2026	Oct	12	(Mon)	05:49	06:11	97	12:06	68S	18:01	262	18:22
2026	Oct	13	(Tue)	05:49	06:11	98	12:06	67S	18:00	262	18:22
2026	Oct	14	(Wed)	05:49	06:11	98	12:05	67S	17:59	262	18:21
2026	Oct	15	(Thu)	05:50	06:11	99	12:05	66S	17:59	261	18:21
2026	Oct	16	(Fri)	05:50	06:11	99	12:05	66S	17:58	261	18:20
2026	Oct	17	(Sat)	05:50	06:12	99	12:05	66S	17:58	261	18:19
2026	Oct	18	(Sun)	05:50	06:12	100	12:05	65S	17:57	260	18:19
2026	Oct	19	(Mon)	05:50	06:12	100	12:04	65S	17:56	260	18:18
2026	Oct	20	(Tue)	05:51	06:12	100	12:04	65S	17:56	259	18:18
2026	Oct	21	(Wed)	05:51	06:13	101	12:04	64S	17:55	259	18:17
2026	Oct	22	(Thu)	05:51	06:13	101	12:04	64S	17:55	259	18:16
2026	Oct	23	(Fri)	05:51	06:13	102	12:04	64S	17:54	258	18:16
2026	Oct	24	(Sat)	05:51	06:13	102	12:04	63S	17:54	258	18:15
2026	Oct	25	(Sun)	05:52	06:14	102	12:03	63S	17:53	258	18:15
2026	Oct	26	(Mon)	05:52	06:14	103	12:03	63S	17:53	257	18:14
2026	Oct	27	(Tue)	05:52	06:14	103	12:03	62S	17:52	257	18:14
2026	Oct	28	(Wed)	05:53	06:15	103	12:03	62S	17:52	257	18:14
2026	Oct	29	(Thu)	05:53	06:15	104	12:03	62S	17:51	256	18:13
2026	Oct	30	(Fri)	05:53	06:15	104	12:03	61S	17:51	256	18:13
2026	Oct	31	(Sat)	05:53	06:15	104	12:03	61S	17:50	255	18:12
2026	Nov	01	(Sun)	05:54	06:16	105	12:03	61S	17:50	255	18:12
2026	Nov	02	(Mon)	05:54	06:16	105	12:03	60S	17:49	255	18:12
2026	Nov	03	(Tue)	05:54	06:17	105	12:03	60S	17:49	255	18:11
2026	Nov	04	(Wed)	05:55	06:17	106	12:03	60S	17:49	254	18:11
2026	Nov	05	(Thu)	05:55	06:17	106	12:03	59S	17:48	254	18:11
2026	Nov	06	(Fri)	05:55	06:18	106	12:03	59S	17:48	254	18:10
2026	Nov	07	(Sat)	05:56	06:18	107	12:03	59S	17:48	253	18:10
2026	Nov	08	(Sun)	05:56	06:19	107	12:03	58S	17:47	253	18:10
2026	Nov	09	(Mon)	05:57	06:19	107	12:03	58S	17:47	253	18:10
2026	Nov	10	(Tue)	05:57	06:19	108	12:03	58S	17:47	252	18:09
2026	Nov	11	(Wed)	05:57	06:20	108	12:03	58S	17:47	252	18:09
2026	Nov	12	(Thu)	05:58	06:20	108	12:03	57S	17:46	252	18:09
2026	Nov	13	(Fri)	05:58	06:21	108	12:04	57S	17:46	251	18:09
2026	Nov	14	(Sat)	05:59	06:21	109	12:04	57S	17:46	251	18:09
2026	Nov	15	(Sun)	05:59	06:22	109	12:04	57S	17:46	251	18:09
2026	Nov	16	(Mon)	06:00	06:22	109	12:04	56S	17:46	251	18:08
2026	Nov	17	(Tue)	06:00	06:23	109	12:04	56S	17:46	250	18:08
2026	Nov	18	(Wed)	06:00	06:23	110	12:04	56S	17:46	250	18:08
2026	Nov	19	(Thu)	06:01	06:24	110	12:05	56S	17:45	250	18:08
2026	Nov	20	(Fri)	06:01	06:24	110	12:05	55S	17:45	250	18:08
2026	Nov	21	(Sat)	06:02	06:25	110	12:05	55S	17:45	249	18:08
2026	Nov	22	(Sun)	06:02	06:25	111	12:05	55S	17:45	249	18:08
2026	Nov	23	(Mon)	06:03	06:26	111	12:06	55S	17:45	249	18:08
2026	Nov	24	(Tue)	06:03	06:26	111	12:06	54S	17:45	249	18:08
2026	Nov	25	(Wed)	06:04	06:27	111	12:06	54S	17:45	249	18:08
2026	Nov	26	(Thu)	06:04	06:27	111	12:07	54S	17:46	248	18:08
2026	Nov	27	(Fri)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2026	Nov	28	(Sat)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2026	Nov	29	(Sun)	06:06	06:29	112	12:07	54S	17:46	248	18:09
2026	Nov	30	(Mon)	06:07	06:30	112	12:08	53S	17:46	248	18:09
2026	Dec	01	(Tue)	06:07	06:30	112	12:08	53S	17:46	248	18:09
2026	Dec	02	(Wed)	06:08	06:31	113	12:09	53S	17:46	247	18:09
2026	Dec	03	(Thu)	06:08	06:31	113	12:09	53S	17:47	247	18:10
2026	Dec	04	(Fri)	06:09	06:32	113	12:09	53S	17:47	247	18:10
2026	Dec	05	(Sat)	06:09	06:32	113	12:10	53S	17:47	247	18:10
2026	Dec	06	(Sun)	06:10	06:33	113	12:10	53S	17:47	247	18:11
2026	Dec	07	(Mon)	06:10	06:34	113	12:11	52S	17:48	247	18:11
2026	Dec	08	(Tue)	06:11	06:34	113	12:11	52S	17:48	247	18:11
2026	Dec	09	(Wed)	06:11	06:35	113	12:12	52S	17:48	246	18:11
2026	Dec	10	(Thu)	06:12	06:35	114	12:12	52S	17:49	246	18:12
2026	Dec	11	(Fri)	06:13	06:36	114	12:12	52S	17:49	246	18:12
2026	Dec	12	(Sat)	06:13	06:36	114	12:13	52S	17:49	246	18:13
2026	Dec	13	(Sun)	06:14	06:37	114	12:13	52S	17:50	246	18:13



2026	Feb	07	(Sat)	23:05	105	04:15	64S	10:12	258
2026	Feb	08	(Sun)	23:55	110	04:58	59S	10:48	252
2026	Feb	09	(Mon)			05:42	54S	11:27	248
2026	Feb	10	(Tue)	00:47	114	06:29	50S	12:09	244
2026	Feb	11	(Wed)	01:39	118	07:18	47S	12:55	242
2026	Feb	12	(Thu)	02:32	119	08:09	46S	13:45	240
2026	Feb	13	(Fri)	03:25	120	09:01	46S	14:38	241
2026	Feb	14	(Sat)	04:15	118	09:54	48S	15:33	243
2026	Feb	15	(Sun)	05:03	116	10:45	51S	16:29	246
2026	Feb	16	(Mon)	05:48	112	11:34	55S	17:24	251
2026	Feb	17	(Tue)	06:30	106	12:22	60S	18:18	257
2026	Feb	18	(Wed)	07:09	100	13:08	66S	19:11	263
2026	Feb	19	(Thu)	07:47	94	13:54	73S	20:04	270
2026	Feb	20	(Fri)	08:25	87	14:40	80S	20:59	277
2026	Feb	21	(Sat)	09:04	80	15:27	86S	21:55	284
2026	Feb	22	(Sun)	09:46	73	16:18	89N	22:53	290
2026	Feb	23	(Mon)	10:32	68	17:12	84N	23:55	295
2026	Feb	24	(Tue)	11:24	63	18:11	80N		
2026	Feb	25	(Wed)	12:22	61	19:12	78N	00:59	298
2026	Feb	26	(Thu)	13:24	60	20:15	78N	02:04	300
2026	Feb	27	(Fri)	14:28	62	21:16	80N	03:06	299
2026	Feb	28	(Sat)	15:32	66	22:14	84N	04:02	296
2026	Mar	01	(Sun)	16:32	71	23:07	89N	04:53	292
2026	Mar	02	(Mon)	17:30	77	23:56	86S	05:38	286
2026	Mar	03	(Tue)	18:23	83			06:18	280
2026	Mar	04	(Wed)	19:15	90	00:42	80S	06:56	273
2026	Mar	05	(Thu)	20:05	97	01:25	73S	07:32	267
2026	Mar	06	(Fri)	20:55	103	02:08	67S	08:07	260
2026	Mar	07	(Sat)	21:45	108	02:51	61S	08:44	255
2026	Mar	08	(Sun)	22:37	113	03:35	56S	09:22	249
2026	Mar	09	(Mon)	23:29	116	04:21	52S	10:03	245
2026	Mar	10	(Tue)			05:09	48S	10:48	242
2026	Mar	11	(Wed)	00:22	119	05:59	47S	11:36	241
2026	Mar	12	(Thu)	01:15	120	06:51	46S	12:27	240
2026	Mar	13	(Fri)	02:06	119	07:43	47S	13:21	242
2026	Mar	14	(Sat)	02:55	117	08:34	49S	14:16	244
2026	Mar	15	(Sun)	03:40	114	09:24	53S	15:11	249
2026	Mar	16	(Mon)	04:23	109	10:13	58S	16:05	254
2026	Mar	17	(Tue)	05:03	103	11:00	63S	16:59	260
2026	Mar	18	(Wed)	05:42	97	11:46	70S	17:53	267
2026	Mar	19	(Thu)	06:21	90	12:32	77S	18:48	274
2026	Mar	20	(Fri)	07:00	83	13:20	84S	19:45	281
2026	Mar	21	(Sat)	07:42	76	14:11	90S	20:44	288
2026	Mar	22	(Sun)	08:28	70	15:06	85N	21:47	293
2026	Mar	23	(Mon)	09:20	65	16:04	81N	22:52	297
2026	Mar	24	(Tue)	10:16	62	17:06	78N	23:57	299
2026	Mar	25	(Wed)	11:18	60	18:09	78N		
2026	Mar	26	(Thu)	12:21	62	19:11	79N	01:00	299
2026	Mar	27	(Fri)	13:25	64	20:09	83N	01:58	297
2026	Mar	28	(Sat)	14:25	69	21:02	87N	02:49	293
2026	Mar	29	(Sun)	15:22	75	21:51	88S	03:35	288
2026	Mar	30	(Mon)	16:16	81	22:37	82S	04:16	282
2026	Mar	31	(Tue)	17:07	87	23:20	76S	04:54	276
2026	Apr	01	(Wed)	17:57	94			05:30	269
2026	Apr	02	(Thu)	18:47	100	00:03	69S	06:05	263
2026	Apr	03	(Fri)	19:37	106	00:45	63S	06:41	257
2026	Apr	04	(Sat)	20:28	111	01:29	58S	07:18	252
2026	Apr	05	(Sun)	21:20	115	02:14	53S	07:59	247
2026	Apr	06	(Mon)	22:13	118	03:02	50S	08:42	244
2026	Apr	07	(Tue)	23:06	119	03:51	47S	09:29	241
2026	Apr	08	(Wed)	23:57	119	04:42	46S	10:19	240
2026	Apr	09	(Thu)			05:34	46S	11:11	241
2026	Apr	10	(Fri)	00:47	118	06:25	48S	12:05	243
2026	Apr	11	(Sat)	01:33	115	07:15	51S	12:59	247
2026	Apr	12	(Sun)	02:16	111	08:03	55S	13:52	251
2026	Apr	13	(Mon)	02:56	106	08:49	61S	14:46	257
2026	Apr	14	(Tue)	03:35	100	09:35	67S	15:39	264

2026 Apr 15 (Wed)	04:13	93	10:21	74S	16:33	270
2026 Apr 16 (Thu)	04:52	86	11:08	80S	17:29	278
2026 Apr 17 (Fri)	05:34	79	11:59	87S	18:28	285
2026 Apr 18 (Sat)	06:19	72	12:53	88N	19:31	291
2026 Apr 19 (Sun)	07:09	67	13:51	83N	20:37	296
2026 Apr 20 (Mon)	08:06	63	14:54	79N	21:45	299
2026 Apr 21 (Tue)	09:08	61	15:59	78N	22:51	299
2026 Apr 22 (Wed)	10:13	61	17:04	79N	23:52	298
2026 Apr 23 (Thu)	11:18	64	18:04	82N		
2026 Apr 24 (Fri)	12:20	68	18:59	86N	00:47	294
2026 Apr 25 (Sat)	13:18	73	19:49	90S	01:34	290
2026 Apr 26 (Sun)	14:12	79	20:35	84S	02:16	284
2026 Apr 27 (Mon)	15:03	85	21:19	78S	02:55	278
2026 Apr 28 (Tue)	15:53	92	22:01	71S	03:30	271
2026 Apr 29 (Wed)	16:42	98	22:43	65S	04:05	265
2026 Apr 30 (Thu)	17:31	104	23:26	60S	04:41	259
2026 May 01 (Fri)	18:21	109			05:17	253
2026 May 02 (Sat)	19:13	114	00:10	55S	05:56	249
2026 May 03 (Sun)	20:06	117	00:57	51S	06:38	245
2026 May 04 (Mon)	20:59	119	01:45	48S	07:24	242
2026 May 05 (Tue)	21:51	119	02:36	47S	08:13	241
2026 May 06 (Wed)	22:41	118	03:27	46S	09:04	241
2026 May 07 (Thu)	23:27	116	04:18	48S	09:57	243
2026 May 08 (Fri)			05:08	50S	10:51	245
2026 May 09 (Sat)	00:11	112	05:56	54S	11:43	250
2026 May 10 (Sun)	00:51	108	06:42	59S	12:35	255
2026 May 11 (Mon)	01:30	102	07:26	64S	13:27	261
2026 May 12 (Tue)	02:07	96	08:11	70S	14:19	267
2026 May 13 (Wed)	02:45	89	08:56	77S	15:12	274
2026 May 14 (Thu)	03:24	82	09:44	84S	16:09	281
2026 May 15 (Fri)	04:07	76	10:36	91S	17:10	288
2026 May 16 (Sat)	04:55	69	11:33	85N	18:15	293
2026 May 17 (Sun)	05:49	65	12:35	81N	19:24	297
2026 May 18 (Mon)	06:50	62	13:41	78N	20:33	299
2026 May 19 (Tue)	07:57	61	14:48	78N	21:39	298
2026 May 20 (Wed)	09:04	63	15:53	81N	22:38	296
2026 May 21 (Thu)	10:10	66	16:52	85N	23:30	291
2026 May 22 (Fri)	11:11	71	17:45	90N		
2026 May 23 (Sat)	12:08	77	18:33	86S	00:15	286
2026 May 24 (Sun)	13:00	84	19:18	79S	00:55	280
2026 May 25 (Mon)	13:51	90	20:00	73S	01:32	273
2026 May 26 (Tue)	14:39	96	20:42	67S	02:07	267
2026 May 27 (Wed)	15:28	102	21:24	61S	02:42	261
2026 May 28 (Thu)	16:18	108	22:08	56S	03:18	255
2026 May 29 (Fri)	17:08	112	22:54	52S	03:56	250
2026 May 30 (Sat)	18:01	116	23:42	49S	04:36	246
2026 May 31 (Sun)	18:54	118			05:21	243
2026 Jun 01 (Mon)	19:46	119	00:32	47S	06:09	241
2026 Jun 02 (Tue)	20:37	119	01:23	46S	07:00	241
2026 Jun 03 (Wed)	21:24	117	02:14	47S	07:52	242
2026 Jun 04 (Thu)	22:09	114	03:04	49S	08:45	245
2026 Jun 05 (Fri)	22:49	109	03:52	53S	09:38	248
2026 Jun 06 (Sat)	23:28	104	04:38	57S	10:29	253
2026 Jun 07 (Sun)			05:22	62S	11:20	259
2026 Jun 08 (Mon)	00:04	98	06:05	68S	12:10	265
2026 Jun 09 (Tue)	00:41	92	06:49	75S	13:01	271
2026 Jun 10 (Wed)	01:18	85	07:34	81S	13:55	278
2026 Jun 11 (Thu)	01:58	79	08:22	88S	14:51	285
2026 Jun 12 (Fri)	02:42	72	09:15	88N	15:53	291
2026 Jun 13 (Sat)	03:32	67	10:14	83N	16:59	296
2026 Jun 14 (Sun)	04:29	63	11:18	79N	18:09	298
2026 Jun 15 (Mon)	05:34	61	12:26	78N	19:18	299
2026 Jun 16 (Tue)	06:42	62	13:33	79N	20:22	297
2026 Jun 17 (Wed)	07:51	64	14:37	83N	21:19	293
2026 Jun 18 (Thu)	08:57	69	15:34	88N	22:08	288
2026 Jun 19 (Fri)	09:57	75	16:26	88S	22:51	282
2026 Jun 20 (Sat)	10:53	81	17:14	81S	23:30	275

2026 Jun 21 (Sun)	11:45	88	17:58	75S	
2026 Jun 22 (Mon)	12:36	95	18:41	69S	00:07 269
2026 Jun 23 (Tue)	13:25	101	19:23	63S	00:42 262
2026 Jun 24 (Wed)	14:14	106	20:06	58S	01:18 257
2026 Jun 25 (Thu)	15:05	111	20:51	53S	01:55 251
2026 Jun 26 (Fri)	15:56	115	21:38	50S	02:35 247
2026 Jun 27 (Sat)	16:49	118	22:28	47S	03:18 244
2026 Jun 28 (Sun)	17:42	119	23:19	46S	04:05 242
2026 Jun 29 (Mon)	18:33	119			04:55 241
2026 Jun 30 (Tue)	19:22	117	00:10	47S	05:48 242
2026 Jul 01 (Wed)	20:07	115	01:01	49S	06:41 244
2026 Jul 02 (Thu)	20:49	111	01:50	52S	07:34 247
2026 Jul 03 (Fri)	21:28	106	02:36	56S	08:26 252
2026 Jul 04 (Sat)	22:05	100	03:21	61S	09:16 257
2026 Jul 05 (Sun)	22:41	94	04:04	66S	10:06 263
2026 Jul 06 (Mon)	23:16	87	04:47	73S	10:56 269
2026 Jul 07 (Tue)	23:54	81	05:30	79S	11:47 276
2026 Jul 08 (Wed)			06:15	85S	12:41 283
2026 Jul 09 (Thu)	00:35	75	07:05	90N	13:39 289
2026 Jul 10 (Fri)	01:20	69	07:59	85N	14:41 294
2026 Jul 11 (Sat)	02:13	64	08:58	81N	15:47 297
2026 Jul 12 (Sun)	03:12	62	10:03	78N	16:55 299
2026 Jul 13 (Mon)	04:18	61	11:10	78N	18:01 298
2026 Jul 14 (Tue)	05:28	63	12:16	81N	19:02 295
2026 Jul 15 (Wed)	06:36	67	13:18	85N	19:56 291
2026 Jul 16 (Thu)	07:40	72	14:13	91	20:43 285
2026 Jul 17 (Fri)	08:39	79	15:04	84S	21:25 278
2026 Jul 18 (Sat)	09:35	85	15:51	78S	22:03 271
2026 Jul 19 (Sun)	10:27	92	16:35	71S	22:40 265
2026 Jul 20 (Mon)	11:18	99	17:19	65S	23:16 258
2026 Jul 21 (Tue)	12:08	104	18:03	59S	23:54 253
2026 Jul 22 (Wed)	12:59	110	18:47	55S	
2026 Jul 23 (Thu)	13:51	114	19:34	51S	00:33 248
2026 Jul 24 (Fri)	14:44	117	20:23	48S	01:15 245
2026 Jul 25 (Sat)	15:36	119	21:14	47S	02:01 242
2026 Jul 26 (Sun)	16:28	119	22:05	46S	02:50 241
2026 Jul 27 (Mon)	17:18	118	22:56	48S	03:42 241
2026 Jul 28 (Tue)	18:05	116	23:46	50S	04:36 243
2026 Jul 29 (Wed)	18:48	112			05:29 246
2026 Jul 30 (Thu)	19:28	107	00:34	54S	06:22 250
2026 Jul 31 (Fri)	20:06	102	01:19	59S	07:13 255
2026 Aug 01 (Sat)	20:42	96	02:03	65S	08:03 261
2026 Aug 02 (Sun)	21:18	89	02:46	71S	08:54 268
2026 Aug 03 (Mon)	21:54	83	03:29	77S	09:44 274
2026 Aug 04 (Tue)	22:33	76	04:13	84S	10:36 281
2026 Aug 05 (Wed)	23:16	71	05:01	90S	11:32 287
2026 Aug 06 (Thu)			05:52	86N	12:31 292
2026 Aug 07 (Fri)	00:05	66	06:48	82N	13:33 296
2026 Aug 08 (Sat)	01:00	62	07:48	79N	14:39 299
2026 Aug 09 (Sun)	02:01	61	08:53	78N	15:44 299
2026 Aug 10 (Mon)	03:07	62	09:58	79N	16:46 297
2026 Aug 11 (Tue)	04:15	64	11:00	83N	17:42 293
2026 Aug 12 (Wed)	05:20	69	11:58	88N	18:32 288
2026 Aug 13 (Thu)	06:22	75	12:51	88S	19:16 281
2026 Aug 14 (Fri)	07:20	82	13:40	81S	19:56 274
2026 Aug 15 (Sat)	08:14	89	14:26	74S	20:35 268
2026 Aug 16 (Sun)	09:07	96	15:11	68S	21:12 261
2026 Aug 17 (Mon)	09:59	102	15:56	62S	21:50 255
2026 Aug 18 (Tue)	10:50	108	16:41	56S	22:29 250
2026 Aug 19 (Wed)	11:43	112	17:28	52S	23:11 246
2026 Aug 20 (Thu)	12:36	116	18:16	49S	23:55 243
2026 Aug 21 (Fri)	13:29	118	19:07	47S	
2026 Aug 22 (Sat)	14:21	119	19:58	46S	00:44 241
2026 Aug 23 (Sun)	15:12	119	20:49	47S	01:35 241
2026 Aug 24 (Mon)	16:00	117	21:40	49S	02:28 242
2026 Aug 25 (Tue)	16:45	114	22:28	53S	03:21 244
2026 Aug 26 (Wed)	17:26	109	23:15	57S	04:14 248

2026 Aug 27 (Thu)	18:05	104	24:00	63S	05:07	253
2026 Aug 28 (Fri)	18:42	98			05:58	259
2026 Aug 29 (Sat)	19:18	91	00:44	69S	06:49	265
2026 Aug 30 (Sun)	19:55	85	01:27	75S	07:40	272
2026 Aug 31 (Mon)	20:34	78	02:12	82S	08:32	279
2026 Sep 01 (Tue)	21:16	72	02:58	88S	09:27	285
2026 Sep 02 (Wed)	22:02	67	03:48	88N	10:25	291
2026 Sep 03 (Thu)	22:54	63	04:43	83N	11:26	295
2026 Sep 04 (Fri)	23:53	61	05:41	80N	12:30	298
2026 Sep 05 (Sat)			06:43	78N	13:34	299
2026 Sep 06 (Sun)	00:56	61	07:46	79N	14:36	298
2026 Sep 07 (Mon)	02:01	63	08:48	81N	15:32	295
2026 Sep 08 (Tue)	03:05	67	09:46	85N	16:23	290
2026 Sep 09 (Wed)	04:07	72	10:40	90S	17:08	284
2026 Sep 10 (Thu)	05:05	79	11:30	84S	17:50	278
2026 Sep 11 (Fri)	06:01	86	12:17	77S	18:29	271
2026 Sep 12 (Sat)	06:54	93	13:02	71S	19:06	264
2026 Sep 13 (Sun)	07:47	99	13:47	64S	19:44	258
2026 Sep 14 (Mon)	08:39	105	14:33	59S	20:23	252
2026 Sep 15 (Tue)	09:32	110	15:20	54S	21:05	247
2026 Sep 16 (Wed)	10:25	115	16:08	50S	21:49	244
2026 Sep 17 (Thu)	11:19	118	16:58	48S	22:36	242
2026 Sep 18 (Fri)	12:12	119	17:49	46S	23:26	241
2026 Sep 19 (Sat)	13:04	119	18:41	47S		
2026 Sep 20 (Sun)	13:53	118	19:31	48S	00:18	241
2026 Sep 21 (Mon)	14:39	115	20:20	51S	01:11	243
2026 Sep 22 (Tue)	15:21	111	21:08	55S	02:04	247
2026 Sep 23 (Wed)	16:01	106	21:53	60S	02:57	251
2026 Sep 24 (Thu)	16:39	100	22:38	66S	03:49	257
2026 Sep 25 (Fri)	17:16	94	23:22	72S	04:40	263
2026 Sep 26 (Sat)	17:53	87			05:31	269
2026 Sep 27 (Sun)	18:31	81	00:06	79S	06:24	276
2026 Sep 28 (Mon)	19:13	74	00:53	86S	07:19	283
2026 Sep 29 (Tue)	19:59	69	01:43	90N	08:17	289
2026 Sep 30 (Wed)	20:50	64	02:37	85N	09:19	294
2026 Oct 01 (Thu)	21:47	62	03:35	81N	10:23	297
2026 Oct 02 (Fri)	22:49	61	04:37	79N	11:28	299
2026 Oct 03 (Sat)	23:53	62	05:40	78N	12:30	299
2026 Oct 04 (Sun)			06:42	80N	13:27	296
2026 Oct 05 (Mon)	00:57	66	07:40	84N	14:19	292
2026 Oct 06 (Tue)	01:58	71	08:34	89N	15:05	286
2026 Oct 07 (Wed)	02:56	76	09:24	86S	15:47	280
2026 Oct 08 (Thu)	03:52	83	10:10	80S	16:25	274
2026 Oct 09 (Fri)	04:45	90	10:56	73S	17:03	267
2026 Oct 10 (Sat)	05:37	96	11:40	67S	17:40	260
2026 Oct 11 (Sun)	06:29	103	12:25	61S	18:18	255
2026 Oct 12 (Mon)	07:21	108	13:11	56S	18:59	249
2026 Oct 13 (Tue)	08:15	113	13:59	52S	19:42	245
2026 Oct 14 (Wed)	09:09	116	14:49	49S	20:28	243
2026 Oct 15 (Thu)	10:03	118	15:40	47S	21:18	241
2026 Oct 16 (Fri)	10:55	119	16:32	47S	22:09	241
2026 Oct 17 (Sat)	11:45	118	17:23	48S	23:02	243
2026 Oct 18 (Sun)	12:32	116	18:12	50S	23:54	245
2026 Oct 19 (Mon)	13:15	113	19:00	54S		
2026 Oct 20 (Tue)	13:55	108	19:45	58S	00:46	249
2026 Oct 21 (Wed)	14:33	103	20:29	63S	01:38	254
2026 Oct 22 (Thu)	15:10	97	21:13	69S	02:28	260
2026 Oct 23 (Fri)	15:47	90	21:57	76S	03:19	266
2026 Oct 24 (Sat)	16:25	84	22:43	83S	04:11	273
2026 Oct 25 (Sun)	17:06	77	23:32	89S	05:05	280
2026 Oct 26 (Mon)	17:51	71			06:03	286
2026 Oct 27 (Tue)	18:41	66	00:26	87N	07:05	292
2026 Oct 28 (Wed)	19:38	63	01:24	82N	08:10	296
2026 Oct 29 (Thu)	20:40	61	02:27	79N	09:17	299
2026 Oct 30 (Fri)	21:46	62	03:31	78N	10:22	299
2026 Oct 31 (Sat)	22:51	65	04:35	80N	11:22	297
2026 Nov 01 (Sun)	23:53	69	05:35	83N	12:16	293

2026 Nov 02 (Mon)			06:30 88N	13:04 288
2026 Nov 03 (Tue)	00:52 75		07:21 88S	13:46 282
2026 Nov 04 (Wed)	01:47 81		08:08 82S	14:25 276
2026 Nov 05 (Thu)	02:40 88		08:53 75S	15:02 269
2026 Nov 06 (Fri)	03:31 94		09:37 69S	15:39 263
2026 Nov 07 (Sat)	04:22 100		10:21 63S	16:16 257
2026 Nov 08 (Sun)	05:13 106		11:06 58S	16:55 251
2026 Nov 09 (Mon)	06:06 111		11:53 53S	17:37 247
2026 Nov 10 (Tue)	07:00 115		12:42 50S	18:22 244
2026 Nov 11 (Wed)	07:54 118		13:33 47S	19:11 242
2026 Nov 12 (Thu)	08:47 119		14:24 47S	20:02 241
2026 Nov 13 (Fri)	09:38 119		15:16 47S	20:54 242
2026 Nov 14 (Sat)	10:26 117		16:05 49S	21:46 244
2026 Nov 15 (Sun)	11:10 114		16:53 52S	22:38 248
2026 Nov 16 (Mon)	11:51 110		17:38 56S	23:29 252
2026 Nov 17 (Tue)	12:29 105		18:22 61S	
2026 Nov 18 (Wed)	13:05 99		19:05 67S	00:18 258
2026 Nov 19 (Thu)	13:41 93		19:47 73S	01:08 263
2026 Nov 20 (Fri)	14:17 87		20:32 79S	01:58 270
2026 Nov 21 (Sat)	14:56 80		21:18 86S	02:50 276
2026 Nov 22 (Sun)	15:38 74		22:09 90N	03:45 283
2026 Nov 23 (Mon)	16:26 68		23:06 84N	04:44 289
2026 Nov 24 (Tue)	17:21 64			05:49 294
2026 Nov 25 (Wed)	18:23 62	00:07 80N		06:56 298
2026 Nov 26 (Thu)	19:29 61	01:13 79N		08:05 299
2026 Nov 27 (Fri)	20:38 64	02:20 79N		09:10 298
2026 Nov 28 (Sat)	21:44 68	03:24 82N		10:08 294
2026 Nov 29 (Sun)	22:45 73	04:24 86N		11:00 290
2026 Nov 30 (Mon)	23:43 79	05:17 90S		11:45 284
2026 Dec 01 (Tue)		06:06 84S		12:26 277
2026 Dec 02 (Wed)	00:37 86	06:52 77S		13:03 271
2026 Dec 03 (Thu)	01:28 92	07:36 71S		13:40 264
2026 Dec 04 (Fri)	02:19 99	08:19 65S		14:17 258
2026 Dec 05 (Sat)	03:10 105	09:04 59S		14:55 253
2026 Dec 06 (Sun)	04:01 110	09:49 54S		15:35 248
2026 Dec 07 (Mon)	04:54 114	10:37 51S		16:19 245
2026 Dec 08 (Tue)	05:48 117	11:27 48S		17:06 242
2026 Dec 09 (Wed)	06:41 119	12:19 47S		17:56 241
2026 Dec 10 (Thu)	07:33 119	13:10 47S		18:48 242
2026 Dec 11 (Fri)	08:22 117	14:00 49S		19:41 244
2026 Dec 12 (Sat)	09:07 115	14:49 51S		20:32 247
2026 Dec 13 (Sun)	09:49 111	15:35 55S		21:23 251
2026 Dec 14 (Mon)	10:27 107	16:18 60S		22:12 256
2026 Dec 15 (Tue)	11:03 101	17:00 65S		23:01 261
2026 Dec 16 (Wed)	11:38 96	17:42 71S		23:49 267
2026 Dec 17 (Thu)	12:13 89	18:24 77S		
2026 Dec 18 (Fri)	12:49 83	19:08 83S		00:38 274
2026 Dec 19 (Sat)	13:28 77	19:55 89S		01:30 280
2026 Dec 20 (Sun)	14:12 71	20:47 87N		02:26 286
2026 Dec 21 (Mon)	15:02 66	21:45 82N		03:26 292
2026 Dec 22 (Tue)	16:00 63	22:48 79N		04:31 296
2026 Dec 23 (Wed)	17:04 61	23:56 79N		05:39 298
2026 Dec 24 (Thu)	18:13 62			06:47 298
2026 Dec 25 (Fri)	19:23 66	01:03 80N		07:51 296
2026 Dec 26 (Sat)	20:30 71	02:07 84N		08:47 292
2026 Dec 27 (Sun)	21:31 77	03:05 89N		09:37 286
2026 Dec 28 (Mon)	22:29 84	03:58 86S		10:21 280
2026 Dec 29 (Tue)	23:23 90	04:47 79S		11:01 273
2026 Dec 30 (Wed)		05:33 73S		11:39 266
2026 Dec 31 (Thu)	00:15 97	06:17 66S		12:17 260