

FECHA	CCA	CCN	CCC	SAL	Ac. SAL	TRAN	Alt. TRAN	PUE	Ac. PUE	FCC	FCN	FCA
2019 Ene 01	03:56	04:36	05:12	05:42	119	12:55	79N	20:09	241	20:38	21:15	21:55
2019 Ene 02	03:56	04:36	05:13	05:42	119	12:56	79N	20:09	241	20:38	21:15	21:55
2019 Ene 03	03:57	04:37	05:14	05:43	119	12:56	79N	20:09	241	20:38	21:15	21:55
2019 Ene 04	03:58	04:38	05:14	05:44	119	12:57	79N	20:09	241	20:39	21:15	21:54
2019 Ene 05	03:59	04:39	05:15	05:45	119	12:57	78N	20:09	241	20:39	21:15	21:54
2019 Ene 06	04:01	04:40	05:16	05:46	118	12:58	78N	20:09	242	20:39	21:15	21:54
2019 Ene 07	04:02	04:41	05:17	05:46	118	12:58	78N	20:09	242	20:38	21:14	21:54
2019 Ene 08	04:03	04:42	05:18	05:47	118	12:58	78N	20:09	242	20:38	21:14	21:53
2019 Ene 09	04:04	04:43	05:19	05:48	118	12:59	78N	20:09	242	20:38	21:14	21:53
2019 Ene 10	04:05	04:44	05:20	05:49	118	12:59	78N	20:09	242	20:38	21:14	21:53
2019 Ene 11	04:06	04:45	05:21	05:50	118	13:00	78N	20:09	243	20:38	21:13	21:52
2019 Ene 12	04:08	04:46	05:22	05:51	117	13:00	77N	20:09	243	20:38	21:13	21:52
2019 Ene 13	04:09	04:48	05:23	05:52	117	13:00	77N	20:09	243	20:37	21:13	21:51
2019 Ene 14	04:10	04:49	05:24	05:53	117	13:01	77N	20:08	243	20:37	21:12	21:51
2019 Ene 15	04:11	04:50	05:25	05:54	117	13:01	77N	20:08	243	20:37	21:12	21:50
2019 Ene 16	04:13	04:51	05:26	05:55	117	13:01	77N	20:08	244	20:36	21:11	21:49
2019 Ene 17	04:14	04:52	05:27	05:56	116	13:02	77N	20:07	244	20:36	21:11	21:49
2019 Ene 18	04:15	04:53	05:28	05:57	116	13:02	76N	20:07	244	20:36	21:10	21:48
2019 Ene 19	04:17	04:54	05:29	05:58	116	13:02	76N	20:07	244	20:35	21:10	21:47
2019 Ene 20	04:18	04:56	05:30	05:59	115	13:03	76N	20:06	245	20:35	21:09	21:47
2019 Ene 21	04:20	04:57	05:31	06:00	115	13:03	76N	20:06	245	20:34	21:09	21:46
2019 Ene 22	04:21	04:58	05:33	06:01	115	13:03	75N	20:05	245	20:34	21:08	21:45
2019 Ene 23	04:22	04:59	05:34	06:02	115	13:04	75N	20:05	246	20:33	21:07	21:44
2019 Ene 24	04:24	05:00	05:35	06:03	114	13:04	75N	20:04	246	20:32	21:06	21:43
2019 Ene 25	04:25	05:02	05:36	06:04	114	13:04	75N	20:04	246	20:32	21:06	21:42
2019 Ene 26	04:26	05:03	05:37	06:05	114	13:04	74N	20:03	246	20:31	21:05	21:41
2019 Ene 27	04:28	05:04	05:38	06:06	113	13:04	74N	20:02	247	20:30	21:04	21:40
2019 Ene 28	04:29	05:05	05:39	06:07	113	13:05	74N	20:02	247	20:30	21:03	21:39
2019 Ene 29	04:31	05:07	05:40	06:08	113	13:05	74N	20:01	247	20:29	21:02	21:38
2019 Ene 30	04:32	05:08	05:41	06:09	112	13:05	73N	20:00	248	20:28	21:01	21:37
2019 Ene 31	04:34	05:09	05:43	06:10	112	13:05	73N	20:00	248	20:27	21:00	21:36
2019 Feb 01	04:35	05:10	05:44	06:11	112	13:05	73N	19:59	249	20:26	20:59	21:35
2019 Feb 02	04:36	05:12	05:45	06:12	111	13:05	73N	19:58	249	20:25	20:59	21:34
2019 Feb 03	04:38	05:13	05:46	06:13	111	13:06	72N	19:57	249	20:25	20:58	21:32
2019 Feb 04	04:39	05:14	05:47	06:14	111	13:06	72N	19:56	250	20:24	20:56	21:31
2019 Feb 05	04:41	05:15	05:48	06:15	110	13:06	72N	19:56	250	20:23	20:55	21:30
2019 Feb 06	04:42	05:16	05:49	06:16	110	13:06	71N	19:55	250	20:22	20:54	21:29
2019 Feb 07	04:43	05:18	05:50	06:17	109	13:06	71N	19:54	251	20:21	20:53	21:27
2019 Feb 08	04:45	05:19	05:51	06:18	109	13:06	71N	19:53	251	20:20	20:52	21:26
2019 Feb 09	04:46	05:20	05:52	06:19	109	13:06	70N	19:52	252	20:19	20:51	21:25
2019 Feb 10	04:47	05:21	05:54	06:20	108	13:06	70N	19:51	252	20:18	20:50	21:24
2019 Feb 11	04:49	05:22	05:55	06:21	108	13:06	70N	19:50	252	20:17	20:49	21:22
2019 Feb 12	04:50	05:24	05:56	06:22	107	13:06	69N	19:49	253	20:16	20:47	21:21
2019 Feb 13	04:51	05:25	05:57	06:23	107	13:06	69N	19:48	253	20:14	20:46	21:19
2019 Feb 14	04:53	05:26	05:58	06:24	107	13:06	69N	19:47	254	20:13	20:45	21:18
2019 Feb 15	04:54	05:27	05:59	06:25	106	13:06	68N	19:46	254	20:12	20:44	21:17
2019 Feb 16	04:55	05:28	06:00	06:26	106	13:06	68N	19:45	254	20:11	20:43	21:15
2019 Feb 17	04:57	05:29	06:01	06:27	105	13:06	68N	19:44	255	20:10	20:41	21:14
2019 Feb 18	04:58	05:31	06:02	06:28	105	13:06	67N	19:42	255	20:09	20:40	21:12

2019 Feb 19	04:59	05:32	06:03	06:29	104	13:06	67N	19:41	256	20:07	20:39	21:11
2019 Feb 20	05:00	05:33	06:04	06:30	104	13:05	67N	19:40	256	20:06	20:37	21:10
2019 Feb 21	05:02	05:34	06:05	06:31	104	13:05	66N	19:39	257	20:05	20:36	21:08
2019 Feb 22	05:03	05:35	06:06	06:32	103	13:05	66N	19:38	257	20:04	20:35	21:07
2019 Feb 23	05:04	05:36	06:07	06:33	103	13:05	66N	19:37	258	20:02	20:33	21:05
2019 Feb 24	05:05	05:37	06:08	06:34	102	13:05	65N	19:35	258	20:01	20:32	21:04
2019 Feb 25	05:06	05:38	06:09	06:35	102	13:05	65N	19:34	258	20:00	20:31	21:02
2019 Feb 26	05:08	05:39	06:10	06:36	101	13:05	64N	19:33	259	19:59	20:29	21:01
2019 Feb 27	05:09	05:40	06:11	06:37	101	13:04	64N	19:32	259	19:57	20:28	20:59
2019 Feb 28	05:10	05:41	06:12	06:38	100	13:04	64N	19:30	260	19:56	20:26	20:58
2019 Mar 01	05:11	05:42	06:13	06:39	100	13:04	63N	19:29	260	19:55	20:25	20:56
2019 Mar 02	05:12	05:43	06:14	06:39	99	13:04	63N	19:28	261	19:53	20:24	20:55
2019 Mar 03	05:13	05:44	06:15	06:40	99	13:04	63N	19:26	261	19:52	20:22	20:53
2019 Mar 04	05:14	05:45	06:16	06:41	98	13:03	62N	19:25	262	19:51	20:21	20:52
2019 Mar 05	05:15	05:46	06:17	06:42	98	13:03	62N	19:24	262	19:49	20:19	20:50
2019 Mar 06	05:16	05:47	06:17	06:43	98	13:03	61N	19:22	263	19:48	20:18	20:49
2019 Mar 07	05:17	05:48	06:18	06:44	97	13:03	61N	19:21	263	19:47	20:17	20:47
2019 Mar 08	05:19	05:49	06:19	06:45	97	13:03	61N	19:20	264	19:45	20:15	20:46
2019 Mar 09	05:20	05:50	06:20	06:46	96	13:02	60N	19:18	264	19:44	20:14	20:44
2019 Mar 10	05:21	05:51	06:21	06:46	96	13:02	60N	19:17	265	19:42	20:12	20:43
2019 Mar 11	05:22	05:52	06:22	06:47	95	13:02	59N	19:16	265	19:41	20:11	20:41
2019 Mar 12	05:23	05:53	06:23	06:48	95	13:02	59N	19:14	266	19:40	20:09	20:40
2019 Mar 13	05:24	05:54	06:24	06:49	94	13:01	59N	19:13	266	19:38	20:08	20:38
2019 Mar 14	05:25	05:55	06:24	06:50	94	13:01	58N	19:12	267	19:37	20:06	20:37
2019 Mar 15	05:26	05:56	06:25	06:51	93	13:01	58N	19:10	267	19:35	20:05	20:35
2019 Mar 16	05:26	05:57	06:26	06:51	93	13:00	57N	19:09	267	19:34	20:04	20:34
2019 Mar 17	05:27	05:57	06:27	06:52	92	13:00	57N	19:07	268	19:33	20:02	20:32
2019 Mar 18	05:28	05:58	06:28	06:53	92	13:00	57N	19:06	268	19:31	20:01	20:31
2019 Mar 19	05:29	05:59	06:29	06:54	91	13:00	56N	19:05	269	19:30	19:59	20:29
2019 Mar 20	05:30	06:00	06:29	06:55	91	12:59	56N	19:03	269	19:28	19:58	20:28
2019 Mar 21	05:31	06:01	06:30	06:56	90	12:59	56N	19:02	270	19:27	19:56	20:26
2019 Mar 22	05:32	06:02	06:31	06:56	90	12:59	55N	19:00	270	19:26	19:55	20:25
2019 Mar 23	05:33	06:02	06:32	06:57	89	12:58	55N	18:59	271	19:24	19:54	20:23
2019 Mar 24	05:34	06:03	06:33	06:58	89	12:58	54N	18:58	271	19:23	19:52	20:22
2019 Mar 25	05:35	06:04	06:34	06:59	88	12:58	54N	18:56	272	19:21	19:51	20:20
2019 Mar 26	05:35	06:05	06:34	07:00	88	12:57	54N	18:55	272	19:20	19:49	20:19
2019 Mar 27	05:36	06:06	06:35	07:00	87	12:57	53N	18:53	273	19:19	19:48	20:17
2019 Mar 28	05:37	06:07	06:36	07:01	87	12:57	53N	18:52	273	19:17	19:47	20:16
2019 Mar 29	05:38	06:07	06:37	07:02	87	12:57	52N	18:51	274	19:16	19:45	20:15
2019 Mar 30	05:39	06:08	06:37	07:03	86	12:56	52N	18:49	274	19:14	19:44	20:13
2019 Mar 31	05:40	06:09	06:38	07:03	86	12:56	52N	18:48	275	19:13	19:42	20:12
2019 Abr 01	05:40	06:10	06:39	07:04	85	12:56	51N	18:47	275	19:12	19:41	20:10
2019 Abr 02	05:41	06:10	06:40	07:05	85	12:55	51N	18:45	276	19:10	19:40	20:09
2019 Abr 03	05:42	06:11	06:41	07:06	84	12:55	50N	18:44	276	19:09	19:38	20:08
2019 Abr 04	05:43	06:12	06:41	07:07	84	12:55	50N	18:42	277	19:08	19:37	20:06
2019 Abr 05	05:43	06:13	06:42	07:07	83	12:54	50N	18:41	277	19:06	19:36	20:05
2019 Abr 06	05:44	06:14	06:43	07:08	83	12:54	49N	18:40	277	19:05	19:34	20:04
2019 Abr 07	05:45	06:14	06:44	07:09	82	12:54	49N	18:38	278	19:04	19:33	20:02
2019 Abr 08	05:46	06:15	06:44	07:10	82	12:54	49N	18:37	278	19:02	19:32	20:01
2019 Abr 09	05:47	06:16	06:45	07:11	81	12:53	48N	18:36	279	19:01	19:30	20:00

2019 Abr 10	05:47	06:17	06:46	07:11	81	12:53	48N	18:34	279	19:00	19:29	19:58
2019 Abr 11	05:48	06:17	06:47	07:12	80	12:53	47N	18:33	280	18:58	19:28	19:57
2019 Abr 12	05:49	06:18	06:47	07:13	80	12:53	47N	18:32	280	18:57	19:27	19:56
2019 Abr 13	05:50	06:19	06:48	07:14	80	12:52	47N	18:30	281	18:56	19:25	19:55
2019 Abr 14	05:50	06:20	06:49	07:14	79	12:52	46N	18:29	281	18:55	19:24	19:53
2019 Abr 15	05:51	06:20	06:50	07:15	79	12:52	46N	18:28	282	18:53	19:23	19:52
2019 Abr 16	05:52	06:21	06:50	07:16	78	12:52	46N	18:27	282	18:52	19:22	19:51
2019 Abr 17	05:52	06:22	06:51	07:17	78	12:51	45N	18:25	282	18:51	19:20	19:50
2019 Abr 18	05:53	06:22	06:52	07:18	77	12:51	45N	18:24	283	18:50	19:19	19:49
2019 Abr 19	05:54	06:23	06:53	07:18	77	12:51	45N	18:23	283	18:49	19:18	19:47
2019 Abr 20	05:55	06:24	06:53	07:19	77	12:51	44N	18:22	284	18:47	19:17	19:46
2019 Abr 21	05:55	06:25	06:54	07:20	76	12:50	44N	18:21	284	18:46	19:16	19:45
2019 Abr 22	05:56	06:25	06:55	07:21	76	12:50	44N	18:19	284	18:45	19:15	19:44
2019 Abr 23	05:57	06:26	06:56	07:22	75	12:50	43N	18:18	285	18:44	19:14	19:43
2019 Abr 24	05:57	06:27	06:56	07:22	75	12:50	43N	18:17	285	18:43	19:13	19:42
2019 Abr 25	05:58	06:27	06:57	07:23	74	12:50	43N	18:16	286	18:42	19:12	19:41
2019 Abr 26	05:59	06:28	06:58	07:24	74	12:50	42N	18:15	286	18:41	19:10	19:40
2019 Abr 27	05:59	06:29	06:59	07:25	74	12:49	42N	18:14	286	18:40	19:09	19:39
2019 Abr 28	06:00	06:30	06:59	07:26	73	12:49	42N	18:13	287	18:39	19:08	19:38
2019 Abr 29	06:01	06:30	07:00	07:26	73	12:49	41N	18:11	287	18:38	19:07	19:37
2019 Abr 30	06:01	06:31	07:01	07:27	73	12:49	41N	18:10	288	18:37	19:07	19:36
2019 May 01	06:02	06:32	07:02	07:28	72	12:49	41N	18:09	288	18:36	19:06	19:35
2019 May 02	06:03	06:32	07:02	07:29	72	12:49	40N	18:08	288	18:35	19:05	19:34
2019 May 03	06:03	06:33	07:03	07:29	71	12:49	40N	18:07	289	18:34	19:04	19:33
2019 May 04	06:04	06:34	07:04	07:30	71	12:49	40N	18:06	289	18:33	19:03	19:33
2019 May 05	06:05	06:35	07:05	07:31	71	12:48	40N	18:05	289	18:32	19:02	19:32
2019 May 06	06:05	06:35	07:05	07:32	70	12:48	39N	18:05	290	18:31	19:01	19:31
2019 May 07	06:06	06:36	07:06	07:33	70	12:48	39N	18:04	290	18:30	19:00	19:30
2019 May 08	06:07	06:37	07:07	07:33	70	12:48	39N	18:03	291	18:29	19:00	19:29
2019 May 09	06:07	06:37	07:08	07:34	69	12:48	38N	18:02	291	18:28	18:59	19:29
2019 May 10	06:08	06:38	07:08	07:35	69	12:48	38N	18:01	291	18:28	18:58	19:28
2019 May 11	06:09	06:39	07:09	07:36	69	12:48	38N	18:00	291	18:27	18:57	19:27
2019 May 12	06:09	06:39	07:10	07:37	68	12:48	38N	17:59	292	18:26	18:57	19:26
2019 May 13	06:10	06:40	07:10	07:37	68	12:48	37N	17:59	292	18:25	18:56	19:26
2019 May 14	06:11	06:41	07:11	07:38	68	12:48	37N	17:58	292	18:25	18:55	19:25
2019 May 15	06:11	06:41	07:12	07:39	67	12:48	37N	17:57	293	18:24	18:55	19:25
2019 May 16	06:12	06:42	07:13	07:40	67	12:48	37N	17:56	293	18:23	18:54	19:24
2019 May 17	06:12	06:43	07:13	07:40	67	12:48	36N	17:56	293	18:23	18:53	19:23
2019 May 18	06:13	06:43	07:14	07:41	67	12:48	36N	17:55	294	18:22	18:53	19:23
2019 May 19	06:14	06:44	07:15	07:42	66	12:48	36N	17:54	294	18:21	18:52	19:22
2019 May 20	06:14	06:45	07:15	07:43	66	12:48	36N	17:54	294	18:21	18:52	19:22
2019 May 21	06:15	06:45	07:16	07:43	66	12:48	36N	17:53	294	18:20	18:51	19:21
2019 May 22	06:16	06:46	07:17	07:44	66	12:48	35N	17:53	295	18:20	18:51	19:21
2019 May 23	06:16	06:46	07:17	07:45	65	12:48	35N	17:52	295	18:19	18:50	19:21
2019 May 24	06:17	06:47	07:18	07:45	65	12:49	35N	17:51	295	18:19	18:50	19:20
2019 May 25	06:17	06:48	07:19	07:46	65	12:49	35N	17:51	295	18:18	18:49	19:20
2019 May 26	06:18	06:48	07:19	07:47	65	12:49	35N	17:51	296	18:18	18:49	19:19
2019 May 27	06:18	06:49	07:20	07:47	64	12:49	34N	17:50	296	18:18	18:49	19:19
2019 May 28	06:19	06:49	07:21	07:48	64	12:49	34N	17:50	296	18:17	18:48	19:19
2019 May 29	06:19	06:50	07:21	07:49	64	12:49	34N	17:49	296	18:17	18:48	19:19

2019 May 30	06:20	06:51	07:22	07:49	64	12:49	34N	17:49	296	18:17	18:48	19:18
2019 May 31	06:21	06:51	07:22	07:50	64	12:49	34N	17:49	296	18:16	18:48	19:18
2019 Jun 01	06:21	06:52	07:23	07:51	63	12:50	34N	17:48	297	18:16	18:47	19:18
2019 Jun 02	06:22	06:52	07:23	07:51	63	12:50	34N	17:48	297	18:16	18:47	19:18
2019 Jun 03	06:22	06:53	07:24	07:52	63	12:50	33N	17:48	297	18:16	18:47	19:18
2019 Jun 04	06:23	06:53	07:25	07:52	63	12:50	33N	17:48	297	18:15	18:47	19:17
2019 Jun 05	06:23	06:54	07:25	07:53	63	12:50	33N	17:47	297	18:15	18:47	19:17
2019 Jun 06	06:23	06:54	07:26	07:54	63	12:50	33N	17:47	297	18:15	18:47	19:17
2019 Jun 07	06:24	06:55	07:26	07:54	63	12:51	33N	17:47	298	18:15	18:46	19:17
2019 Jun 08	06:24	06:55	07:27	07:55	62	12:51	33N	17:47	298	18:15	18:46	19:17
2019 Jun 09	06:25	06:56	07:27	07:55	62	12:51	33N	17:47	298	18:15	18:46	19:17
2019 Jun 10	06:25	06:56	07:27	07:56	62	12:51	33N	17:47	298	18:15	18:46	19:17
2019 Jun 11	06:26	06:56	07:28	07:56	62	12:51	33N	17:47	298	18:15	18:46	19:17
2019 Jun 12	06:26	06:57	07:28	07:56	62	12:52	33N	17:47	298	18:15	18:46	19:17
2019 Jun 13	06:26	06:57	07:29	07:57	62	12:52	33N	17:47	298	18:15	18:46	19:17
2019 Jun 14	06:27	06:57	07:29	07:57	62	12:52	33N	17:47	298	18:15	18:47	19:17
2019 Jun 15	06:27	06:58	07:29	07:58	62	12:52	32N	17:47	298	18:15	18:47	19:17
2019 Jun 16	06:27	06:58	07:30	07:58	62	12:52	32N	17:47	298	18:15	18:47	19:18
2019 Jun 17	06:28	06:58	07:30	07:58	62	12:53	32N	17:47	298	18:15	18:47	19:18
2019 Jun 18	06:28	06:59	07:30	07:59	62	12:53	32N	17:47	298	18:15	18:47	19:18
2019 Jun 19	06:28	06:59	07:31	07:59	62	12:53	32N	17:47	298	18:15	18:47	19:18
2019 Jun 20	06:28	06:59	07:31	07:59	62	12:53	32N	17:48	298	18:16	18:47	19:18
2019 Jun 21	06:29	06:59	07:31	07:59	62	12:54	32N	17:48	298	18:16	18:48	19:18
2019 Jun 22	06:29	07:00	07:31	08:00	62	12:54	32N	17:48	298	18:16	18:48	19:19
2019 Jun 23	06:29	07:00	07:32	08:00	62	12:54	32N	17:48	298	18:16	18:48	19:19
2019 Jun 24	06:29	07:00	07:32	08:00	62	12:54	32N	17:49	298	18:17	18:48	19:19
2019 Jun 25	06:29	07:00	07:32	08:00	62	12:54	32N	17:49	298	18:17	18:49	19:19
2019 Jun 26	06:29	07:00	07:32	08:00	62	12:55	32N	17:49	298	18:17	18:49	19:20
2019 Jun 27	06:30	07:00	07:32	08:00	62	12:55	32N	17:49	298	18:18	18:49	19:20
2019 Jun 28	06:30	07:01	07:32	08:00	62	12:55	33N	17:50	298	18:18	18:50	19:20
2019 Jun 29	06:30	07:01	07:32	08:00	62	12:55	33N	17:50	298	18:18	18:50	19:21
2019 Jun 30	06:30	07:01	07:32	08:00	62	12:55	33N	17:51	298	18:19	18:50	19:21
2019 Jul 01	06:30	07:01	07:32	08:00	62	12:56	33N	17:51	298	18:19	18:51	19:21
2019 Jul 02	06:30	07:01	07:32	08:00	62	12:56	33N	17:51	298	18:19	18:51	19:22
2019 Jul 03	06:30	07:01	07:32	08:00	62	12:56	33N	17:52	298	18:20	18:51	19:22
2019 Jul 04	06:30	07:01	07:32	08:00	62	12:56	33N	17:52	298	18:20	18:52	19:23
2019 Jul 05	06:30	07:00	07:32	08:00	62	12:56	33N	17:53	297	18:21	18:52	19:23
2019 Jul 06	06:30	07:00	07:32	08:00	63	12:57	33N	17:53	297	18:21	18:53	19:23
2019 Jul 07	06:30	07:00	07:32	08:00	63	12:57	33N	17:54	297	18:22	18:53	19:24
2019 Jul 08	06:29	07:00	07:32	07:59	63	12:57	33N	17:54	297	18:22	18:54	19:24
2019 Jul 09	06:29	07:00	07:31	07:59	63	12:57	33N	17:55	297	18:23	18:54	19:25
2019 Jul 10	06:29	07:00	07:31	07:59	63	12:57	34N	17:56	297	18:23	18:55	19:25
2019 Jul 11	06:29	07:00	07:31	07:59	63	12:57	34N	17:56	297	18:24	18:55	19:26
2019 Jul 12	06:29	06:59	07:31	07:58	63	12:57	34N	17:57	296	18:24	18:56	19:26
2019 Jul 13	06:28	06:59	07:30	07:58	64	12:58	34N	17:57	296	18:25	18:56	19:27
2019 Jul 14	06:28	06:59	07:30	07:58	64	12:58	34N	17:58	296	18:26	18:57	19:27
2019 Jul 15	06:28	06:58	07:30	07:57	64	12:58	34N	17:59	296	18:26	18:57	19:28
2019 Jul 16	06:28	06:58	07:29	07:57	64	12:58	34N	17:59	296	18:27	18:58	19:28
2019 Jul 17	06:27	06:58	07:29	07:56	64	12:58	35N	18:00	295	18:27	18:58	19:29
2019 Jul 18	06:27	06:57	07:28	07:56	65	12:58	35N	18:00	295	18:28	18:59	19:29

2019 Jul 19	06:26	06:57	07:28	07:55	65	12:58	35N	18:01	295	18:29	19:00	19:30
2019 Jul 20	06:26	06:56	07:27	07:55	65	12:58	35N	18:02	295	18:29	19:00	19:30
2019 Jul 21	06:26	06:56	07:27	07:54	65	12:58	35N	18:02	295	18:30	19:01	19:31
2019 Jul 22	06:25	06:55	07:26	07:54	66	12:58	36N	18:03	294	18:30	19:01	19:32
2019 Jul 23	06:25	06:55	07:26	07:53	66	12:58	36N	18:04	294	18:31	19:02	19:32
2019 Jul 24	06:24	06:54	07:25	07:52	66	12:58	36N	18:05	294	18:32	19:02	19:33
2019 Jul 25	06:24	06:54	07:24	07:52	66	12:58	36N	18:05	293	18:32	19:03	19:33
2019 Jul 26	06:23	06:53	07:24	07:51	67	12:58	36N	18:06	293	18:33	19:04	19:34
2019 Jul 27	06:22	06:53	07:23	07:50	67	12:58	37N	18:07	293	18:34	19:04	19:34
2019 Jul 28	06:22	06:52	07:22	07:49	67	12:58	37N	18:07	293	18:34	19:05	19:35
2019 Jul 29	06:21	06:51	07:22	07:49	68	12:58	37N	18:08	292	18:35	19:06	19:36
2019 Jul 30	06:21	06:51	07:21	07:48	68	12:58	37N	18:09	292	18:36	19:06	19:36
2019 Jul 31	06:20	06:50	07:20	07:47	68	12:58	38N	18:10	292	18:36	19:07	19:37
2019 Ago 01	06:19	06:49	07:19	07:46	68	12:58	38N	18:10	291	18:37	19:07	19:37
2019 Ago 02	06:18	06:48	07:19	07:45	69	12:58	38N	18:11	291	18:38	19:08	19:38
2019 Ago 03	06:18	06:48	07:18	07:45	69	12:58	38N	18:12	291	18:38	19:09	19:39
2019 Ago 04	06:17	06:47	07:17	07:44	69	12:58	39N	18:12	290	18:39	19:09	19:39
2019 Ago 05	06:16	06:46	07:16	07:43	70	12:58	39N	18:13	290	18:40	19:10	19:40
2019 Ago 06	06:15	06:45	07:15	07:42	70	12:58	39N	18:14	290	18:40	19:11	19:40
2019 Ago 07	06:14	06:44	07:14	07:41	70	12:58	39N	18:15	289	18:41	19:11	19:41
2019 Ago 08	06:14	06:43	07:13	07:40	71	12:57	40N	18:15	289	18:42	19:12	19:42
2019 Ago 09	06:13	06:42	07:12	07:39	71	12:57	40N	18:16	289	18:43	19:13	19:42
2019 Ago 10	06:12	06:41	07:11	07:38	71	12:57	40N	18:17	288	18:43	19:13	19:43
2019 Ago 11	06:11	06:41	07:10	07:37	72	12:57	41N	18:18	288	18:44	19:14	19:43
2019 Ago 12	06:10	06:40	07:09	07:36	72	12:57	41N	18:18	288	18:45	19:14	19:44
2019 Ago 13	06:09	06:39	07:08	07:35	73	12:57	41N	18:19	287	18:45	19:15	19:45
2019 Ago 14	06:08	06:38	07:07	07:33	73	12:56	41N	18:20	287	18:46	19:16	19:45
2019 Ago 15	06:07	06:36	07:06	07:32	73	12:56	42N	18:21	286	18:47	19:16	19:46
2019 Ago 16	06:06	06:35	07:05	07:31	74	12:56	42N	18:21	286	18:47	19:17	19:47
2019 Ago 17	06:05	06:34	07:04	07:30	74	12:56	42N	18:22	286	18:48	19:18	19:47
2019 Ago 18	06:04	06:33	07:03	07:29	75	12:56	43N	18:23	285	18:49	19:18	19:48
2019 Ago 19	06:03	06:32	07:02	07:28	75	12:55	43N	18:23	285	18:49	19:19	19:48
2019 Ago 20	06:02	06:31	07:01	07:27	75	12:55	43N	18:24	284	18:50	19:20	19:49
2019 Ago 21	06:01	06:30	06:59	07:25	76	12:55	44N	18:25	284	18:51	19:20	19:50
2019 Ago 22	05:59	06:29	06:58	07:24	76	12:55	44N	18:26	284	18:51	19:21	19:50
2019 Ago 23	05:58	06:28	06:57	07:23	77	12:54	44N	18:26	283	18:52	19:22	19:51
2019 Ago 24	05:57	06:26	06:56	07:22	77	12:54	45N	18:27	283	18:53	19:22	19:52
2019 Ago 25	05:56	06:25	06:55	07:20	77	12:54	45N	18:28	282	18:54	19:23	19:52
2019 Ago 26	05:55	06:24	06:53	07:19	78	12:54	45N	18:29	282	18:54	19:24	19:53
2019 Ago 27	05:54	06:23	06:52	07:18	78	12:53	46N	18:29	282	18:55	19:24	19:54
2019 Ago 28	05:52	06:22	06:51	07:16	79	12:53	46N	18:30	281	18:56	19:25	19:54
2019 Ago 29	05:51	06:20	06:50	07:15	79	12:53	46N	18:31	281	18:56	19:26	19:55
2019 Ago 30	05:50	06:19	06:48	07:14	80	12:52	47N	18:31	280	18:57	19:26	19:56
2019 Ago 31	05:48	06:18	06:47	07:12	80	12:52	47N	18:32	280	18:58	19:27	19:56
2019 Sep 01	05:47	06:16	06:46	07:11	80	12:52	48N	18:33	279	18:58	19:28	19:57
2019 Sep 02	05:46	06:15	06:44	07:10	81	12:51	48N	18:34	279	18:59	19:28	19:58
2019 Sep 03	05:45	06:14	06:43	07:08	81	12:51	48N	18:34	278	19:00	19:29	19:58
2019 Sep 04	05:43	06:12	06:42	07:07	82	12:51	49N	18:35	278	19:00	19:30	19:59
2019 Sep 05	05:42	06:11	06:40	07:06	82	12:50	49N	18:36	278	19:01	19:30	20:00
2019 Sep 06	05:40	06:10	06:39	07:04	83	12:50	49N	18:36	277	19:02	19:31	20:00

2019 Sep 07	05:39	06:08	06:38	07:03	83	12:50	50N	18:37	277	19:02	19:32	20:01
2019 Sep 08	05:38	06:07	06:36	07:02	84	12:49	50N	18:38	276	19:03	19:32	20:02
2019 Sep 09	05:36	06:06	06:35	07:00	84	12:49	51N	18:39	276	19:04	19:33	20:03
2019 Sep 10	05:35	06:04	06:33	06:59	85	12:49	51N	18:39	275	19:05	19:34	20:03
2019 Sep 11	05:33	06:03	06:32	06:57	85	12:48	51N	18:40	275	19:05	19:35	20:04
2019 Sep 12	05:32	06:01	06:31	06:56	85	12:48	52N	18:41	274	19:06	19:35	20:05
2019 Sep 13	05:31	06:00	06:29	06:54	86	12:48	52N	18:41	274	19:07	19:36	20:05
2019 Sep 14	05:29	05:59	06:28	06:53	86	12:47	52N	18:42	273	19:07	19:37	20:06
2019 Sep 15	05:28	05:57	06:26	06:52	87	12:47	53N	18:43	273	19:08	19:37	20:07
2019 Sep 16	05:26	05:56	06:25	06:50	87	12:47	53N	18:44	272	19:09	19:38	20:08
2019 Sep 17	05:25	05:54	06:24	06:49	88	12:46	54N	18:44	272	19:10	19:39	20:08
2019 Sep 18	05:23	05:53	06:22	06:47	88	12:46	54N	18:45	272	19:10	19:40	20:09
2019 Sep 19	05:22	05:51	06:21	06:46	89	12:46	54N	18:46	271	19:11	19:40	20:10
2019 Sep 20	05:20	05:50	06:19	06:44	89	12:45	55N	18:47	271	19:12	19:41	20:11
2019 Sep 21	05:19	05:48	06:18	06:43	90	12:45	55N	18:47	270	19:12	19:42	20:12
2019 Sep 22	05:17	05:47	06:16	06:42	90	12:44	56N	18:48	270	19:13	19:43	20:12
2019 Sep 23	05:16	05:45	06:15	06:40	91	12:44	56N	18:49	269	19:14	19:43	20:13
2019 Sep 24	05:14	05:44	06:13	06:39	91	12:44	56N	18:49	269	19:15	19:44	20:14
2019 Sep 25	05:13	05:43	06:12	06:37	92	12:43	57N	18:50	268	19:15	19:45	20:15
2019 Sep 26	05:11	05:41	06:11	06:36	92	12:43	57N	18:51	268	19:16	19:46	20:16
2019 Sep 27	05:10	05:40	06:09	06:34	93	12:43	57N	18:52	267	19:17	19:47	20:17
2019 Sep 28	05:08	05:38	06:08	06:33	93	12:42	58N	18:52	267	19:18	19:47	20:18
2019 Sep 29	05:06	05:37	06:06	06:32	93	12:42	58N	18:53	266	19:19	19:48	20:18
2019 Sep 30	05:05	05:35	06:05	06:30	94	12:42	59N	18:54	266	19:19	19:49	20:19
2019 Oct 01	05:03	05:34	06:03	06:29	94	12:41	59N	18:55	265	19:20	19:50	20:20
2019 Oct 02	05:02	05:32	06:02	06:27	95	12:41	59N	18:56	265	19:21	19:51	20:21
2019 Oct 03	05:00	05:31	06:00	06:26	95	12:41	60N	18:56	264	19:22	19:52	20:22
2019 Oct 04	04:59	05:29	05:59	06:24	96	12:40	60N	18:57	264	19:23	19:52	20:23
2019 Oct 05	04:57	05:28	05:58	06:23	96	12:40	61N	18:58	263	19:23	19:53	20:24
2019 Oct 06	04:56	05:26	05:56	06:22	97	12:40	61N	18:59	263	19:24	19:54	20:25
2019 Oct 07	04:54	05:25	05:55	06:20	97	12:40	61N	18:59	263	19:25	19:55	20:26
2019 Oct 08	04:53	05:23	05:53	06:19	98	12:39	62N	19:00	262	19:26	19:56	20:27
2019 Oct 09	04:51	05:22	05:52	06:18	98	12:39	62N	19:01	262	19:27	19:57	20:28
2019 Oct 10	04:49	05:20	05:51	06:16	99	12:39	62N	19:02	261	19:28	19:58	20:29
2019 Oct 11	04:48	05:19	05:49	06:15	99	12:38	63N	19:03	261	19:28	19:59	20:30
2019 Oct 12	04:46	05:17	05:48	06:14	100	12:38	63N	19:03	260	19:29	20:00	20:31
2019 Oct 13	04:45	05:16	05:47	06:12	100	12:38	64N	19:04	260	19:30	20:01	20:32
2019 Oct 14	04:43	05:15	05:45	06:11	100	12:38	64N	19:05	259	19:31	20:02	20:33
2019 Oct 15	04:42	05:13	05:44	06:10	101	12:38	64N	19:06	259	19:32	20:03	20:34
2019 Oct 16	04:40	05:12	05:42	06:08	101	12:37	65N	19:07	258	19:33	20:04	20:35
2019 Oct 17	04:39	05:10	05:41	06:07	102	12:37	65N	19:08	258	19:34	20:05	20:36
2019 Oct 18	04:37	05:09	05:40	06:06	102	12:37	65N	19:09	257	19:35	20:06	20:38
2019 Oct 19	04:36	05:08	05:39	06:05	103	12:37	66N	19:09	257	19:36	20:07	20:39
2019 Oct 20	04:34	05:06	05:37	06:03	103	12:37	66N	19:10	257	19:36	20:08	20:40
2019 Oct 21	04:33	05:05	05:36	06:02	104	12:36	67N	19:11	256	19:37	20:09	20:41
2019 Oct 22	04:31	05:04	05:35	06:01	104	12:36	67N	19:12	256	19:38	20:10	20:42
2019 Oct 23	04:30	05:02	05:33	06:00	104	12:36	67N	19:13	255	19:39	20:11	20:43
2019 Oct 24	04:28	05:01	05:32	05:59	105	12:36	68N	19:14	255	19:40	20:12	20:45
2019 Oct 25	04:27	05:00	05:31	05:57	105	12:36	68N	19:15	254	19:41	20:13	20:46
2019 Oct 26	04:25	04:58	05:30	05:56	106	12:36	68N	19:16	254	19:42	20:14	20:47

2019 Oct 27	04:24	04:57	05:29	05:55	106	12:36	69N	19:17	254	19:43	20:15	20:48
2019 Oct 28	04:22	04:56	05:27	05:54	107	12:36	69N	19:18	253	19:44	20:16	20:49
2019 Oct 29	04:21	04:54	05:26	05:53	107	12:35	69N	19:18	253	19:45	20:17	20:51
2019 Oct 30	04:20	04:53	05:25	05:52	107	12:35	70N	19:19	252	19:46	20:18	20:52
2019 Oct 31	04:18	04:52	05:24	05:51	108	12:35	70N	19:20	252	19:47	20:19	20:53
2019 Nov 01	04:17	04:51	05:23	05:50	108	12:35	70N	19:21	252	19:48	20:21	20:55
2019 Nov 02	04:16	04:50	05:22	05:49	109	12:35	71N	19:22	251	19:49	20:22	20:56
2019 Nov 03	04:14	04:48	05:21	05:48	109	12:35	71N	19:23	251	19:50	20:23	20:57
2019 Nov 04	04:13	04:47	05:20	05:47	109	12:35	71N	19:24	250	19:51	20:24	20:58
2019 Nov 05	04:12	04:46	05:19	05:46	110	12:35	72N	19:25	250	19:52	20:25	21:00
2019 Nov 06	04:10	04:45	05:18	05:45	110	12:35	72N	19:26	250	19:53	20:26	21:01
2019 Nov 07	04:09	04:44	05:17	05:44	111	12:35	72N	19:27	249	19:54	20:27	21:02
2019 Nov 08	04:08	04:43	05:16	05:43	111	12:35	72N	19:28	249	19:56	20:29	21:04
2019 Nov 09	04:07	04:42	05:15	05:42	111	12:36	73N	19:29	249	19:57	20:30	21:05
2019 Nov 10	04:06	04:41	05:14	05:42	112	12:36	73N	19:30	248	19:58	20:31	21:06
2019 Nov 11	04:04	04:40	05:13	05:41	112	12:36	73N	19:31	248	19:59	20:32	21:08
2019 Nov 12	04:03	04:39	05:12	05:40	112	12:36	74N	19:32	247	20:00	20:33	21:09
2019 Nov 13	04:02	04:38	05:12	05:39	113	12:36	74N	19:33	247	20:01	20:35	21:10
2019 Nov 14	04:01	04:37	05:11	05:39	113	12:36	74N	19:34	247	20:02	20:36	21:12
2019 Nov 15	04:00	04:36	05:10	05:38	113	12:36	74N	19:35	246	20:03	20:37	21:13
2019 Nov 16	03:59	04:35	05:09	05:37	114	12:36	75N	19:36	246	20:04	20:38	21:15
2019 Nov 17	03:58	04:35	05:09	05:37	114	12:37	75N	19:37	246	20:05	20:39	21:16
2019 Nov 18	03:57	04:34	05:08	05:36	114	12:37	75N	19:38	246	20:06	20:40	21:17
2019 Nov 19	03:56	04:33	05:07	05:36	115	12:37	75N	19:39	245	20:07	20:42	21:19
2019 Nov 20	03:55	04:32	05:07	05:35	115	12:37	76N	19:40	245	20:08	20:43	21:20
2019 Nov 21	03:55	04:32	05:06	05:35	115	12:38	76N	19:41	245	20:09	20:44	21:21
2019 Nov 22	03:54	04:31	05:06	05:34	115	12:38	76N	19:42	244	20:10	20:45	21:23
2019 Nov 23	03:53	04:30	05:05	05:34	116	12:38	76N	19:43	244	20:11	20:46	21:24
2019 Nov 24	03:52	04:30	05:05	05:33	116	12:38	76N	19:44	244	20:12	20:47	21:25
2019 Nov 25	03:51	04:29	05:04	05:33	116	12:39	77N	19:45	244	20:13	20:49	21:27
2019 Nov 26	03:51	04:29	05:04	05:33	116	12:39	77N	19:46	243	20:15	20:50	21:28
2019 Nov 27	03:50	04:28	05:03	05:32	117	12:39	77N	19:47	243	20:16	20:51	21:29
2019 Nov 28	03:49	04:28	05:03	05:32	117	12:40	77N	19:48	243	20:17	20:52	21:30
2019 Nov 29	03:49	04:27	05:03	05:32	117	12:40	77N	19:49	243	20:18	20:53	21:32
2019 Nov 30	03:48	04:27	05:03	05:31	117	12:40	77N	19:50	243	20:18	20:54	21:33
2019 Dic 01	03:48	04:27	05:02	05:31	118	12:41	78N	19:50	242	20:19	20:55	21:34
2019 Dic 02	03:47	04:26	05:02	05:31	118	12:41	78N	19:51	242	20:20	20:56	21:35
2019 Dic 03	03:47	04:26	05:02	05:31	118	12:41	78N	19:52	242	20:21	20:57	21:37
2019 Dic 04	03:47	04:26	05:02	05:31	118	12:42	78N	19:53	242	20:22	20:58	21:38
2019 Dic 05	03:46	04:26	05:02	05:31	118	12:42	78N	19:54	242	20:23	20:59	21:39
2019 Dic 06	03:46	04:26	05:02	05:31	118	12:43	78N	19:55	241	20:24	21:00	21:40
2019 Dic 07	03:46	04:25	05:02	05:31	119	12:43	78N	19:56	241	20:25	21:01	21:41
2019 Dic 08	03:46	04:25	05:02	05:31	119	12:44	79N	19:56	241	20:26	21:02	21:42
2019 Dic 09	03:46	04:25	05:02	05:31	119	12:44	79N	19:57	241	20:27	21:03	21:43
2019 Dic 10	03:45	04:25	05:02	05:31	119	12:44	79N	19:58	241	20:27	21:04	21:44
2019 Dic 11	03:45	04:25	05:02	05:31	119	12:45	79N	19:59	241	20:28	21:05	21:45
2019 Dic 12	03:45	04:25	05:02	05:31	119	12:45	79N	19:59	241	20:29	21:05	21:46
2019 Dic 13	03:45	04:26	05:02	05:32	119	12:46	79N	20:00	241	20:30	21:06	21:47
2019 Dic 14	03:46	04:26	05:02	05:32	119	12:46	79N	20:01	241	20:30	21:07	21:47
2019 Dic 15	03:46	04:26	05:03	05:32	119	12:47	79N	20:01	241	20:31	21:08	21:48

2019 Dic 16	03:46	04:26	05:03	05:32	120	12:47	79N	20:02	240	20:32	21:08	21:49
2019 Dic 17	03:46	04:27	05:03	05:33	120	12:48	79N	20:03	240	20:32	21:09	21:50
2019 Dic 18	03:46	04:27	05:04	05:33	120	12:48	79N	20:03	240	20:33	21:10	21:50
2019 Dic 19	03:47	04:27	05:04	05:34	120	12:49	79N	20:04	240	20:34	21:10	21:51
2019 Dic 20	03:47	04:28	05:04	05:34	120	12:49	79N	20:04	240	20:34	21:11	21:51
2019 Dic 21	03:48	04:28	05:05	05:34	120	12:50	79N	20:05	240	20:35	21:11	21:52
2019 Dic 22	03:48	04:29	05:05	05:35	120	12:50	79N	20:05	240	20:35	21:12	21:52
2019 Dic 23	03:49	04:29	05:06	05:35	120	12:51	79N	20:06	240	20:36	21:12	21:53
2019 Dic 24	03:49	04:30	05:06	05:36	120	12:51	79N	20:06	240	20:36	21:13	21:53
2019 Dic 25	03:50	04:30	05:07	05:37	120	12:52	79N	20:07	240	20:36	21:13	21:54
2019 Dic 26	03:50	04:31	05:08	05:37	120	12:52	79N	20:07	240	20:37	21:13	21:54
2019 Dic 27	03:51	04:32	05:08	05:38	120	12:53	79N	20:07	240	20:37	21:14	21:54
2019 Dic 28	03:52	04:32	05:09	05:38	119	12:53	79N	20:08	241	20:37	21:14	21:54
2019 Dic 29	03:53	04:33	05:10	05:39	119	12:54	79N	20:08	241	20:38	21:14	21:54
2019 Dic 30	03:54	04:34	05:10	05:40	119	12:54	79N	20:08	241	20:38	21:14	21:55
2019 Dic 31	03:54	04:35	05:11	05:41	119	12:55	79N	20:09	241	20:38	21:15	21:55