

2019 MILKY WAY CALENDAR - ECUADOR

Before using this calendar download the [guide to photographing the Milky Way](#)

Date	Moon			Sun		Milky Way			Galactic Center Visibility			Galactic Center Position
	Illumination	Moonrise	Moonset	Sunrise	Sunset	Start	End	Hours	Start	End	Hours	Average elevation
5/1/19	0.30%	5:50	18:13	6:16	18:22	4:58	5:01	0:03	-	-	-	-
12/1/19	35.10%	11:10	23:29	6:19	18:25	4:27	5:05	0:38	4:27	5:05	0:38	Arch (31°)
19/1/19	96.70%	17:08	4:33	6:21	18:28	3:59	5:08	1:09	4:33	5:08	0:35	Arch (27,4°)
26/1/19	63.30%	23:44	11:17	6:23	18:29	3:32	5:10	1:38	-	-	-	Arch (32°)
2/2/19	4.40%	4:36	16:59	6:24	18:30	3:04	5:12	2:08	3:04	5:12	2:08	Arch (27,3°)
9/2/19	19.50%	9:50	22:09	6:25	18:31	2:37	5:14	2:37	2:37	5:14	2:37	Arch (28,3°)
16/2/19	87.10%	15:49	3:15	6:25	18:31	2:09	5:14	3:05	3:15	5:14	1:59	Arch (30,6°)
23/2/19	78.50%	22:24	9:57	6:24	18:30	1:42	5:14	3:32	-	-	-	-
2/3/19	13.70%	3:22	15:44	6:23	18:29	1:14	5:13	3:59	1:14	5:13	3:59	Arch (36,8°)
9/3/19	8.40%	8:32	20:51	6:21	18:27	0:57	5:12	4:15	0:57	5:12	4:15	Arch (38,4°)
16/3/19	73.70%	14:34	2:01	6:20	18:25	0:23	5:11	4:48	2:01	5:11	3:10	Arch (43,1°)
23/3/19	91%	21:02	8:34	6:18	18:23	23:51	5:08	5:17	-	-	-	-
30/3/19	27.60%	2:05	14:27	6:16	18:21	23:24	5:06	5:42	23:24	2:05	2:41	Arch (31,6°)
6/4/19	1.80%	7:14	19:34	6:14	18:19	22:57	5:04	6:07	22:57	5:04	6:07	Arch (50,2°)
13/4/19	59.40%	13:25	0:52	6:12	18:17	22:29	5:01	6:32	0:52	5:01	4:09	Arch (66,1°)
20/4/19	98.10%	19:40	7:11	6:10	18:15	22:01	4:59	6:58	-	-	-	-
27/4/19	43.60%	0:47	13:09	6:09	18:14	21:38	4:58	7:20	21:38	0:47	3:09	Arch (46,2°)
4/5/18	0.30%	5:55	18:16	6:08	18:13	21:07	4:56	7:49	21:07	4:56	7:49	Arch (33,5° → 23:38) - Vertical (89,4° → 4:15)
11/5/19	45.10%	12:17	-	6:08	18:13	20:39	4:55	8:16	-	-	-	-
18/5/19	99.80%	18:19	5:52	6:08	18:13	20:11	4:54	8:43	-	-	-	-
25/5/19	60.30%	-	11:48	6:08	18:13	19:44	4:54	9:10	-	-	-	-
1/6/19	3.80%	4:34	16:56	6:09	18:14	19:30	4:54	9:24	19:30	4:54	9:24	Arch (59° → 0:05) - Vertical (88,7° → 2:22)
8/6/19	32.20%	11:09	23:33	6:10	18:15	19:31	4:55	9:24	19:31	4:55	9:24	Arch (64,5° → 0:03) - Vertical (88,5° → 1:53)
15/6/19	96.80%	17:03	4:35	6:11	18:17	19:33	4:56	9:23	4:35	4:56	0:21	Arch (64,8°)
22/6/19	75.10%	22:51	10:27	6:13	18:18	19:34	4:57	9:23	19:34	22:51	3:17	Arch (30,1°)
29/6/19	12.10%	3:13	15:36	6:14	18:20	19:36	4:59	9:23	19:36	4:59	9:23	Arch (52,3° → 20:48) - Vertical (81,7° → 23:56)
6/7/19	19.90%	9:57	22:21	6:16	18:21	19:37	5:01	9:24	22:21	5:01	6:40	Arch (68,7°)
13/7/19	89.70%	15:50	3:22	6:17	18:22	19:37	4:34	8:57	3:22	4:34	1:12	Arch (52,1°)
20/7/19	87.40%	21:30	9:07	6:17	18:23	19:37	4:06	8:29	19:37	21:30	1:53	Arch (61°)
27/7/19	24.50%	1:52	14:15	6:18	18:23	19:37	3:39	8:02	19:37	1:52	6:15	Vertical (71,8°)
3/8/19	9.50%	8:40	21:05	6:17	18:22	19:36	3:16	7:40	19:36	3:16	7:40	Vertical (73,4°)
10/8/19	79.10%	14:38	2:10	6:16	18:22	19:34	2:44	7:10	-	-	-	-
17/8/19	95.80%	20:10	7:47	6:15	18:20	19:32	2:20	6:48	19:32	20:10	0:38	Vertical (79,6°)
24/8/19	39.30%	0:33	12:57	6:13	18:19	19:30	1:49	6:19	19:30	0:33	5:03	Vertical (75,3°)
31/8/19	2.50%	7:20	19:45	6:11	18:17	19:27	1:21	5:54	19:27	1:21	5:54	Vertical (75,5°)
7/9/19	65.60%	13:26	0:58	6:09	18:14	19:25	0:58	5:33	-	-	-	-
14/9/19	99.60%	18:50	6:28	6:07	18:12	19:22	0:26	5:04	-	-	-	-
21/9/19	54.90%	-	11:43	6:04	18:09	19:19	23:59	4:40	19:19	23:59	4:40	Arch (60,5°)
28/9/19	0.20%	5:57	18:22	6:02	18:07	19:17	23:35	4:18	19:17	23:35	4:18	Arch (58°)
5/10/19	49.80%	12:12	-	6:00	18:05	19:15	23:08	3:53	-	-	-	-
12/10/19	98.50%	17:31	5:08	5:58	18:03	19:13	22:36	3:23	-	-	-	-
19/10/19	69.70%	23:03	10:32	5:56	18:02	19:12	22:09	2:57	19:12	22:09	2:57	Arch (47,6°)
26/10/19	3.40%	4:35	16:59	5:55	18:01	19:12	21:41	2:29	19:12	21:41	2:29	Arch (47,9°)
2/11/19	33.10%	10:55	23:20	5:54	18:00	19:12	21:14	2:02	-	-	-	-
9/11/19	92.10%	16:09	3:47	5:55	18:01	19:14	20:46	1:32	-	-	-	-
16/11/19	82.40%	21:56	9:25	5:55	18:02	19:15	20:19	1:04	19:15	20:19	1:04	Arch (35,5°)
23/11/19	11.30%	3:17	15:41	5:57	18:03	19:18	19:51	0:33	19:18	19:51	0:33	Arch (32,8°)
30/11/19	18%	9:36	22:00	5:59	18:06	-	-	-	-	-	-	-
7/12/19	80.30%	14:46	2:23	6:02	18:09	-	-	-	-	-	-	-
14/12/19	92.80%	20:47	8:14	6:05	18:12	-	-	-	-	-	-	-
21/12/19	23.10%	2:02	14:25	6:08	18:15	-	-	-	-	-	-	-
28/12/19	6.50%	8:16	20:39	6:12	18:19	-	-	-	-	-	-	-

- Perfect day to photograph the Milky Way
- Days where the Milky Way is visible shortly or late in the morning
- Days where it is not possible to see the Milky Way because of the moonlight

Note: This Milky Way calendar has been created for Quito (Ecuador). If you want to download Milky Way calendars in other locations visit: CapturetheAtlas.com
 Data extracted from the App PhotoPills. For more Milky Way Planning visit: Photopills.com



Dan Zafra - Capture the Atlas

