

## TIMES OF MOONRISE AND MOONSET FOR ARUBA AT SEALEVEL IN 2018

Date	January		February		March		April		May		June		July		August		September		October		November		December		Date
	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	rise	set	
1	18:14	06:19	20:04	07:58	18:43	06:35	20:07	07:31	20:31	07:36	21:43	08:39	21:55	09:01	22:36	10:09	23:27	11:27		12:13	00:56	13:54	01:43	14:15	1
2	19:19	07:23	21:02	08:50	19:40	07:25	20:59	08:15	21:22	08:22	22:30	09:28	22:37	09:49	23:17	10:58		12:22	00:03	13:11	01:55	14:44	02:37	14:59	2
3	20:23	08:25	21:57	09:38	20:35	08:11	21:50	08:59	22:12	09:08	23:14	10:16	23:17	10:37	23:59	11:47	00:18	13:20	01:02	14:09	02:52	15:31	03:29	15:42	3
4	21:24	09:22	22:49	10:23	21:28	08:56	22:40	09:43	23:01	09:56	23:57	11:05	23:57	11:25		12:39	01:12	14:19	02:02	15:05	03:47	16:16	04:21	16:26	4
5	22:22	10:14	23:40	11:06	22:19	09:40	23:30	10:29	23:48	10:45		11:53		12:13	00:44	13:33	02:10	15:19	03:03	15:58	04:42	17:01	05:14	17:10	5
6	23:17	11:02		11:48	23:10	10:23		11:16		11:34	00:38	12:42	00:37	13:02	01:32	14:30	03:12	16:18	04:03	16:49	05:35	17:45	06:06	17:57	6
7		11:47	00:30	12:30	23:59	11:07	00:20	12:04	00:34	12:23	01:19	13:30	01:19	13:54	02:26	15:31	04:15	17:15	05:01	17:36	06:29	18:30	06:59	18:45	7
8	00:08	12:29	01:19	13:13		11:51	01:08	12:52	01:18	13:12	02:00	14:20	02:03	14:48	03:24	16:33	05:17	18:09	05:57	18:23	07:22	19:17	07:51	19:34	8
9	00:58	13:10	02:08	13:57	00:49	12:37	01:54	13:42	02:01	14:01	02:42	15:12	02:51	15:45	04:26	17:35	06:18	18:59	06:53	19:08	08:16	20:04	08:42	20:24	9
10	01:47	13:52	02:56	14:43	01:39	13:24	02:40	14:31	02:42	14:50	03:26	16:06	03:44	16:46	05:30	18:35	07:16	19:47	07:47	19:54	09:08	20:53	09:31	21:14	10
11	02:36	14:33	03:45	15:30	02:27	14:12	03:23	15:20	03:24	15:40	04:13	17:03	04:41	17:50	06:34	19:31	08:13	20:33	08:41	20:39	10:00	21:43	10:17	22:04	11
12	03:24	15:16	04:33	16:18	03:14	15:00	04:06	16:10	04:06	16:32	05:05	18:04	05:43	18:53	07:37	20:24	09:08	21:19	09:34	21:26	10:50	22:33	11:01	22:52	12
13	04:12	16:01	05:20	17:07	04:01	15:50	04:49	17:00	04:50	17:26	06:01	19:07	06:47	19:55	08:36	21:12	10:01	22:03	10:27	22:14	11:37	23:22	11:42	23:39	13
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15	05:49	17:34	06:50	18:47	05:29	17:29	06:14	18:45	06:26	19:21	08:04	21:13	08:55	21:46	10:28	22:43	11:46	23:35	12:09	23:52	13:05	00:11	13:01	00:26	15
16	06:37	18:23	07:34	19:36	06:12	18:20	06:59	19:39	07:20	20:23	09:07	22:11	09:55	22:36	11:20	23:27	12:37		12:57		13:46	00:59	13:40	01:14	16
17	07:24	19:12	08:16	20:26	06:55	19:10	07:47	20:36	08:17	21:25	10:10	23:05	10:51	23:21	12:12		13:27	00:22	13:43	00:41	14:26	01:47	14:20	02:01	17
18	08:09	20:01	08:58	21:16	07:37	20:01	08:37	21:35	09:17	22:27	11:09	23:55	11:45		13:03	00:11	14:16	01:10	14:27	01:30	15:06	02:35	15:02	02:51	18
19	08:53	20:51	09:39	22:06	08:20	20:54	09:31	22:35	10:19	23:25	12:05		12:37	00:05	13:53	00:55	15:03	01:59	15:10	02:19	15:46	03:23	15:48	03:43	19
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21	10:16	22:29	11:07	23:52	09:53	22:44	11:27		12:19	00:20	13:51	01:25	14:18	01:31	15:32	02:28	16:32	03:37	16:31	03:55	17:13	05:05	17:32	05:38	21
22	10:58	23:18	11:55		10:43	23:42	12:26	00:34	13:16	01:10	14:41	02:07	15:08	02:14	16:20	03:16	17:14	04:26	17:12	04:44	18:01	05:59	18:31	06:40	22
23	11:40		12:46	00:49	11:36		13:26	01:30	14:10	01:57	15:31	02:49	15:58	02:58	17:07	04:05	17:55	05:14	17:53	05:33	18:53	06:57	19:34	07:43	23
24	12:23	00:09	13:41	01:47	12:33	00:41	14:23	02:22	15:02	02:42	16:21	03:31	16:47	03:44	17:52	04:54	18:35	06:03	18:36	06:24	19:49	07:57	20:38	08:44	24
25	13:10	01:02	14:40	02:47	13:32	01:40	15:19	03:11	15:53	03:25	17:11	04:15	17:36	04:31	18:35	05:43	19:15	06:51	19:21	07:17	20:48	08:58	21:41	09:43	25
26	14:00	01:58	15:41	03:47	14:32	02:38	16:13	03:58	16:44	04:07	18:01	05:00	18:24	05:20	19:16	06:31	19:57	07:41	20:10	08:12	21:50	09:59	22:41	10:37	26
27	14:54	02:57	16:43	04:46	15:31	03:33	17:06	04:42	17:34	04:49	18:51	05:46	19:10	06:09	19:57	07:19	20:40	08:31	21:02	09:09	22:51	10:57	23:38	11:28	27
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29	16:55	05:01			17:26	05:15	18:49	06:09	19:15	06:17	20:26	07:23	20:36	07:46	21:16	08:55	22:14	10:18	22:57	11:07		12:43	00:33	12:59	29
30	17:59	06:03			18:21	06:02	19:40	06:52	20:05	07:03	21:12	08:12	21:17	08:34	21:58	09:44	23:07	11:15	23:57	12:05	00:48	13:30	01:26	13:42	30
31	19:02	07:03			19:15	06:47			20:55	07:50			21:57	09:22	22:41	10:35			13:01				02:18	14:25	31

*New Moon*

*First Quarter*

*Full Moon*

*Last Quarter*

Sources: Moonrise 3.5 & Fred Espenak

**Eclipses:**

Local Times

**Total Lunar Eclipse on January 31. Not visible in Aruba, but in Asia, Australia, the Pacific and western North America.** Event starts at 07:48 hours, greatest eclipse occurs at 09:30 hours and eclipse ends at 11:11 hours.

**Partial Solar Eclipse on February 15. Not visible in Aruba, but in Antarctica and southern South America.** It starts at 14:55 hours, reaches greatest eclipse at 16:51 hours and ends at 18:47 hours.

**Partial Solar Eclipse on July 12/13. Not visible in Aruba, but only in southern Australia.** It starts at 21:48 hours, reaches greatest eclipse at 23:01 hours and ends at 00:13 hours.

**Total Lunar Eclipse on July 27. Its end (penumbral phase) will be barely visible in Aruba after moonrise at 19:10.** It will be fully visible in much of Africa, Europe and Asia. Eclipse starts at 14:24 hours and ends at 18:19 hours (partial phase). Greatest eclipse occurs at 16:22 hours.

**Partial Solar Eclipse on August 11. It will not be visible in Aruba but in northern Europe and northeast Asia.** The eclipse starts at 04:02, reaches greatest eclipse at 05:46 hours and ends at 07:30 hours.

For more details on eclipses in 2018, please visit the Fred Espenak Eclipse web site at: <http://www.eclipsewise.com/eclipse.html#preview>

Note: When the Moon rises after 12:00 (Noon) and before 00:00 (Midnight), it will most of the time set on the next day as this table shows!