



TIMES OF MOONRISE AND MOONSET FOR ARUBA AT SEALEVEL IN 2012

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

New Moon

First Quarter

Full Moon

Last Quarter

Sources: Moonrise 3.5 & Fred Espenak (NASA)

Eclipses:

Local Times

Annular Solar Eclipse on May 20. Not visible in Aruba, but in sections of eastern Asia, the northern Pacific Ocean and parts of the U.S.A.. Event starts at 16:56 hours, reaches greatest eclipse at 19:54 hours and ends at 22:49 hours.

Partial Lunar Eclipse on June 4. Beginning is visible in Aruba, but Moon will set soon (06:15). Will be completely visible over most of Pacific Ocean. This event starts at 06:00 hours, reaches greatest eclipse at 07:14 hours and ends at 09:18 hours.

Total Solar Eclipse on November 13. Not visible in Aruba, but in northern Australia and much of the southern Pacific Ocean. Event starts at 15:38 hours, reaches its greatest eclipse at 18:13 hours and ends at 20:45 hours.

Penumbral Lunar Eclipse on November 28. Not visible in Aruba, but mainly over Pacific Ocean, Asia and Australia. This event reaches starts at 08:15 hours, reaches greatest eclipse at 10:34 hours and ends at 12:51 hours.

For more details on eclipses in 2012, visit Eclipse Page at: <http://sunearth.gsfc.nasa.gov/eclipse/OH/OH2012.html>

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!