

## TIMES OF MOONRISE AND MOONSET FOR CURAÇAO AT SEALEVEL IN 2010

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

*New Moon*

*First Quarter*

*Full Moon*

*Last Quarter*

Sources: Moonrise 3.5 & Fred Espenak (NASA)

**Eclipses:**

Local Times

**Annular Solar Eclipse on January 15. Not visible in Curaçao** but in sections of Africa, the northern Indian Ocean and Asia. Event starts at 00:05 hours and ends at 06:07 hours with greatest eclips occurring at 03:07 hours.

**Partial Lunar Eclipse on June 26, penumbral part of it barely visible in Curaçao** . Penumbral phase starts at 04:57 hours and partial phase starts just before moonset at 06:16 hours.

Greatest eclipse will be reached at 07:39 hours while Moon is already well below horizon. Event ends at 10:19 hours.

**Total Solar Eclipse on July 11, not visible in Curaçao**. It will be visible in parts of the southern Pacific Ocean and southern South America. Event starts at 13:09 hours and ends at 17:57 hours with greatest eclipse occurring at 15:33 hours.

**Total Lunar Eclipse on December 21 and visible in Curaçao**. Partial phase starts at 02:32 hours and totality at 03:40 hours. Greatest elcipse occurs at 04:16 hours while totality ends at 04:53 hours.

Partial phase ends at 06:01 hours.

For more details on eclipses in 2010, visit the NASA Eclipse web site at: <http://eclipse.gsfc.nasa.gov/OH/OH2010.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!