



# Moon Crescent Visibility

## 2021

The new crescent Moon can generally be seen only if it sets at least 46 minutes after the Sun has set.\*\* Astronomers at SA Astronomical Observatory have however sighted the Moon earlier – setting at least 33 min after sunset – from Signal Hill in Cape Town, but only if the age of the Moon is at least 24hr old at sunset. The table below gives “Moonset lag” values for each month.

**All Times are given in South African Standard Time.**

2021		Cape Town				Johannesburg			
New Moon	Date	Sunset	Moonset	Lag	Age at Sunset H:M	Sunset	Moonset	Lag	Age at Sunset H:M
Jan 13 07:00	Jan 13	20:00	20:35	35 min	13:00	19:05	19:37	32 min	12:05
	Jan 14	20:00	21:21	81 min	37:00	19:05	20:25	80 min	36:05
Feb 11 21:06	Feb 11	19:34	19:55	21 min	----	18:54	19:01	7 min	----
	Feb 12	19:42	20:30	48 min	22:36	18:53	19:41	48 min	21:47
	Feb 13	19:41	21:02	81 min	46:35	18:52	20:16	84 min	45:46
Mar 13 12:21	Mar 13	19:07	19:31	24 min	06:46	18:26	18:48	22 min	06:05
	Mar 14	19:05	19:58	53 min	30:44	18:25	19:19	54 min	30:04
Apr 12 04:31	Apr 12	18:27	18:54	27 min	13:56	17:55	18:21	26 min	13:24
	Apr 13	18:25	19:22	57 min	37:54	17:54	18:53	59 min	37:23
May 11 21:00	May 11	17:56	17:54	----	----	17:31	17:28	----	----
	May 12	17:55	18:27	32 min	20:55	17:31	18:03	32 min	20:31
	May 13	17:55	19:04	69 min	44:55	17:30	18:43	73 min	44:30
Jun 10 12:53	Jun 10	17:44	17:44	----	04:51	17:23	17:25	2 min	04:30
	Jun 11	17:44	18:30	46 min	28:51	17:23	18:12	49 min	28:30
	Jun 12	17:44	19:22	98 min	52:51	17:23	19:04	101 min	52:30
Jul 10 03:17	Jul 10	17:52	18:12	20 min	14:35	17:31	17:53	22 min	14:14
	Jul 11	17:53	19:12	79 min	38:36	17:32	18:51	79 min	38:15
Aug 08 15:50	Aug 08	18:12	18:05	----	02:22	17:45	17:41	----	01:55
	Aug 09	18:12	19:09	57 min	26:22	17:46	18:41	55 min	25:56
Sep 07 02:52	Sep 07	18:32	19:05	33 min	15:40	17:58	18:30	32 min	15:06
	Sep 08	18:33	20:11	98 min	39:41	17:58	19:31	93 min	39:06
Oct 06 13:05	Oct 06	18:53	19:00	7 min	05:48	18:10	18:18	8 min	05:05
	Oct 07	18:53	20:10	77 min	29:48	18:11	19:22	71 min	29:06
Nov 04 23:15	Nov 04	19:17	18:57	----	----	18:27	18:07	----	----
	Nov 05	19:18	20:11	53 min	20:03	18:28	19:16	53 min	19:13
	Nov 06	19:19	21:27	128 min	44:04	18:28	20:28	120 min	43:13
Dec 04 09:43	Dec 04	19:45	20:13	28 min	10:02	18:49	19:13	24 min	09:06
	Dec 05	19:46	21:26	100 min	34:03	18:50	20:23	93 min	33:07

Produced by the Wits Planetarium, using MICA.

\*\* For S African latitudes, and according to Mohammad Ilyas, writing in Quarterly Journal of the Royal Astronomical Society v35 p425 (1994).