



Moon Crescent Visibility

2024

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.

2024		Cape Town				Johannesburg			
New Moon	Date	Sunset	Moonset	Lag	Age at Sunset H:M	Sunset	Moonset	Lag	Age at Sunset H:M
Jan 11 13:57	Jan 11	20:01	20:30	29 min	06:04	19:05	19:28	23 min	05:08
	Jan 12	20:01	21:17	76 min	30:04	19:05	20:20	75 min	29:08
Feb 10 00:59	Feb 10	19:44	20:27	43 min	18:45	18:55	19:37	42 min	17:56
	Feb 11	19:43	21:00	77 min	42:44	18:54	20:16	82 min	41:55
Mar 10 11:00	Mar 10	19:10	19:26	16 min	08:10	18:29	18:44	15 min	07:29
	Mar 11	19:09	19:59	50 min	32:09	18:28	19:20	52 min	31:28
Apr 08 20:21	Apr 08	18:31	18:22	----	--:--	17:58	17:49	----	--:--
	Apr 09	18:30	18:55	25 min	22:09	17:57	18:27	30 min	21:36
	Apr 10	18:29	19:31	62 min	46:08	17:56	19:08	72 min	45:35
May 08 05:22	May 08	17:58	18:03	5 min	12:36	17:33	17:42	9 min	12:11
	May 09	17:57	18:48	51 min	36:35	17:32	18:31	59 min	36:10
Jun 06 14:38	Jun 06	17:44	17:27	----	03:06	17:23	17:11	----	02:45
	Jun 07	17:44	18:23	39 min	27:06	17:23	18:08	45 min	26:45
	Jun 08	17:44	19:25	101 min	51:06	17:23	19:09	106 min	50:45
Jul 06 00:57	Jul 06	17:50	18:14	24 min	16:53	17:30	17:56	26 min	16:33
	Jul 07	17:51	19:18	87 min	40:54	17:30	18:57	87 min	40:33
Aug 04 13:13	Aug 04	18:09	18:09	0 min	04:56	17:43	17:45	2 min	04:29
	Aug 05	18:10	19:09	59 min	28:57	17:44	18:42	58 min	28:31
Sep 03 03:56	Sep 03	18:30	18:56	26 min	14:34	17:57	18:21	24 min	14:01
	Sep 04	18:30	19:52	82 min	38:34	17:57	19:12	75 min	38:01
Oct 02 20:49	Oct 02	18:50	18:41	----	--:--	18:08	17:59	----	--:--
	Oct 03	18:51	19:36	45 min	22:02	18:09	18:50	41 min	21:20
	Oct 04	18:51	20:33	102 min	46:02	18:09	19:42	93 min	45:20
Nov 01 14:47	Nov 01	19:15	19:25	10 min	04:28	18:25	18:31	6 min	03:38
	Nov 02	19:16	20:25	69 min	28:29	18:26	19:27	61 min	27:39
Dec 01 08:21	Dec 01	19:43	20:19	36 min	11:22	18:47	19:16	29 min	10:26
	Dec 02	19:44	21:18	94 min	35:23	18:48	20:14	86 min	34:27
Dec 31 00:27	Dec 31	20:00	20:55	55 min	19:33	19:04	19:53	49 min	18:37
	Jan 01	20:01	21:39	98 min	43:34	19:04	20:41	97 min	42:37

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