



Moon Crescent Visibility

2017

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.

	2017	Cape Town					Johannesburg			
New Moon	Date	Sunset	Moonset	Lag	Age at Sunset	Sunset	Moonset	Lag	Age at Sunset	
Jan 28 02:07	Jan 28	19:54	20:12	18 min	18.1 hr	19:02	19:21	19 min	17.2 hr	
	Jan 29	19:53	20:52	59 min	41.8 hr	19:01	20:04	63 min	42.0 hr	
Feb 26 16:58	Feb 26	19:26	19:27	1 min	2.5 hr	18:41	18:41	--	1.7 hr	
	Feb 27	19:25	20:06	41 min	27.1 hr	18:40	19:23	43 min	26.4 hr	
	Feb 28	19:23	20:44	91 min	51.8 hr	18:39	20:05	96 min	51.1 hr	
Mar 28 04:57	Mar 28	18:46	19:17	31 min	14.3 hr	18:10	18:40	30 min	13.7 hr	
	Mar 29	18:45	19:58	73 min	39.0 hr	18:09	19:24	75 min	38.4 hr	
Apr 26 14:16	Apr 26	18:10	18:31	21 min	4.2 hr	17:42	18:00	18 min	3.7 hr	
	Apr 27	18:09	19:17	68 min	29.0 hr	17:41	18:49	68 min	28.5 hr	
May 25 21:44	May 25	17:47	17:53	6 min	--	17:25	17:26	1 min	--	
	May 26	17:47	18:47	60 min	21.0 hr	17:25	18:21	56 min	20.6 hr	
Jun 24 04:31	Jun 24	17:45	18:27	42 min	13.9 hr	17:25	18:03	38 min	13.5 hr	
	Jun 25	17:46	19:33	107 min	39.0 hr	17:26	19:07	101 min	38.6 hr	
Jul 23 11:46	Jul 23	18:00	18:17	17 min	6.5 hr	17:37	17:51	14 min	6.1 hr	
	Jul 24	18:01	19:23	82 min	31.6 hr	17:38	18:55	77 min	31.2 hr	
Aug 21 20:30	Aug 21	18:21	18:09	--	--	17:51	17:39	--	--	
	Aug 22	18:21	19:14	53 min	22.7 hr	17:51	18:40	49 min	22.2 hr	
Sep 20 07:30	Sep 20	18:41	19:02	21 min	11.5 hr	18:03	18:23	20 min	10.9 hr	
	Sep 21	18:42	20:01	79 min	36.5 hr	18:04	19:19	75 min	35.8 hr	
Oct 19 21:12	Oct 19	19:03	18:48	--	--	18:17	18:04	--	--	
	Oct 20	19:04	19:45	41 min	22.5 hr	18:17	18:58	41 min	18.8 hr	
	Oct 21	19:05	20:41	96 min	47.5 hr	18:18	19:51	93 min	46.6 hr	
Nov 18 13:42	Nov 18	19:31	19:28	--	5.8 hr	18:37	18:37	--	4.9 hr	
	Nov 19	19:31	20:23	52 min	30.7 hr	18:38	19:29	51 min	29.8 hr	
Dec 18 08:30	Dec 18	19:55	20:01	6 min	11.5 hr	18:58	19:06	8 min	10.6 hr	
	Dec 19	19:56	20:49	53 min	36.3 hr	18:58	19:54	56 min	35.4 hr	

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