Moon Crescent Visibility 2018

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.

2018		Cape Town					Johannesburg			
New Moon	Date	Sunset	Moonset	Lag	Age at Sunset		Sunset	Moonset	Lag	Age at Sunset
Jan 17 04:17	Jan 17	19:59	20:16	17 min	15.7 hr		19:05	19:22	17 min	14.8 hr
	Jan 18	19:59	20:56	57 min	39.7 hr		19:05	20:04	59 min	38.8 hr
Feb 15 23:05	Feb 15	19:39	19:33	--	--		18:51	18:43	--	--
	Feb 16	19:38	20:09	31 min	20.6 hr		18:50	19:22	32 min	19.7 hr
	Feb 17	19:37	20:43	66 min	44.5 hr		18:49	19:59	70 min	43.7 hr
Mar 17 15:12	Mar 17	19:02	19:17	15 min	3.7 hr		18:22	18:35	13 min	3.0 hr
	Mar 18	19:00	19:51	51 min	27.7 hr		18:21	19:13	52 min	27.0 hr
Apr 16 03:57	Apr 16	18:22	19:00	38 min	14.4 hr		17:51	18:27	36 min	13.9 hr
	Apr 17	18:21	19:40	79 min	38.4 hr		17:50	19:10	80 min	37.9 hr
May 15 13:48	May 15	17:53	18:15	22 min	4.1 hr		17:29	17:47	18 min	3.7 hr
	May 16	17:53	19:03	70 min	28.1 hr		17:29	18:38	69 min	27.7 hr
Jun 13 21:43	Jun 13	17:44	17:42	--	--		17:23	17:17	--	--
	Jun 14	17:44	18:40	56 min	20.0 hr		17:23	18:17	54 min	19.7 hr
	Jun 15	17:44	19:44	120 min	44.0 hr		17:24	19:20	116 min	43.7 hr
Jul 13 04:48	Jul 13	17:54	18:29	35 min	13.1 hr		17:32	18:05	33 min	12.7 hr
	Jul 14	17:55	19:39	104 min	37.1 hr		17:33	19:13	100 min	36.8 hr
Aug 11 11:58	Aug 11	18:13	18:25	12 min	6.2 hr		17:46	17:57	11 min	5.8 hr
	Aug 12	18:14	19:35	81 min	30.3 hr		17:47	19:04	77 min	29.8 hr
Sep 9 20:01	Sep 9	18:33	18:21	--	--		17:59	17:48	--	--
	Sep 10	18:34	19:29	55 min	22.5 hr		17:59	18:52	53 min	22.0 hr
	Sep 11	18:35	20:35	120 min	46.6 hr		17:59	19:54	115 min	46.0 hr
Oct 9 05:47	Oct 9	18:55	19:20	25 min	13.1 hr		18:11	18:37	26 min	12.4 hr
	Oct 10	18:56	20:24	88 min	37.2 hr		18:12	19:37	85 min	36.4 hr
Nov 7 18:02	Nov 7	19:20	19:10	--	--		18:29	18:21	--	--
	Nov 8	19:21	20:11	50 min	25.3 hr		18:29	19:19	50 min	24.5 hr
Dec 7 09:20	Dec 7	19:47	19:57	10 min	10.5 hr		18:51	19:01	10 min	9.5 hr
	Dec 8	19:48	20:52	64 min	34.5 hr		18:52	19:55	63 min	33.5 hr

Produced by the Wits Planetarium, using MICA.
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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).