

Moon Crescent Visibility

2022

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.

2022			Cape Town				Johannesburg				
New Moon	Time	Date	Sunset	Moonset	Lag	Age at Sunset H:M	Sunset	Moonset	Lag	Age at Sunset H:M	
Jan 02	20:33	Jan 02	20:01	20:07	6 min	----	19:04	19:05	1 min	----	
		Jan 03	20:01	21:07	66 min	23:28	19:04	20:07	63 min	22:31	
Feb 01	07:46	Feb 01	19:51	20:29	38 min	12:05	19:00	19:34	34 min	11:14	
		Feb 02	19:51	21:08	77 min	36:05	18:59	20:17	78 min	35:13	
Mar 02	19:35	Mar 02	19:21	19:36	15 min	----	18:38	18:48	10 min	----	
		Mar 03	19:20	20:07	47 min	23:45	18:37	19:24	47 min	23:02	
Apr 01	08:24	Apr 01	18:41	19:03	22 min	10:17	18:06	18:27	21 min	09:42	
		Apr 2	18:40	19:31	51 min	34:16	18:05	18:59	54 min	33:41	
Apr 30	22:28	Apr 30	18:06	18:01	----	----	17:39	17:31	----	----	
		May 01	18:05	18:31	26 min	19:37	17:38	18:06	28 min	19:10	
		May 02	18:04	19:05	61 min	43:36	17:37	18:43	66 min	43:09	
May 30	13:30	May 30	17:46	17:41	----	04:16	17:24	17:22	----	03:54	
		May 31	17:45	18:23	38 min	28:15	17:24	18:05	41 min	27:54	
		Jun 01	17:45	19:10	85 min	52:15	17:24	18:54	90 min	51:54	
Jun 29	04:52	Jun 29	17:47	17:57	10 min	12:55	17:27	17:41	14 min	12:35	
		Jun 30	17:48	18:52	64 min	36:56	17:27	18:34	67 min	36:35	
Jul 28	19:55	Jul 28	18:04	17:44	----	----	17:40	17:24	----	----	
		Jul 29	18:04	18:43	39 min	22:09	17:40	18:20	40 min	21:45	
		Jul 30	18:05	19:42	97 min	46:10	17:41	19:15	94 min	45:46	
Aug 27	10:17	Aug 27	18:25	18:34	9 min	08:08	17:53	18:04	11 min	07:36	
		Aug 28	18:25	19:34	69 min	32:08	17:54	18:59	65 min	31:37	
Sep 25	23:55	Sep 25	18:45	19:25	40 min	----	18:06	18:43	37 min	----	
		Sep 26	18:46	20:28	102 min	18:51	18:06	19:41	95 min	18:11	
		Sep 27	18:47	21:33	166 min	42:52	18:06	20:42	156 min	42:11	
Oct 25	12:49	Oct 25	19:08	19:19	11 min	06:19	18:20	18:29	6 min	05:31	
		Oct 26	19:09	20:28	79 min	30:20	18:21	19:33	72 min	29:32	
Nov 24	00:57	Nov 24	19:36	20:31	55 Min	18:39	18:41	19:30	49 min	17:44	
		Nov 25	19:37	21:43	126 min	42:40	18:42	20:39	117 min	41:45	
Dec 23	12:17	Dec 23	19:58	20:28	30 min	07:41	19:00	19:24	24 min	06:43	
		Dec24	19:58	21:31	93 min	31:41	19:01	20:29	88 min	30:44	

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).