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Shows

All shows are cancelled due to Covid-19. Shows will be listed on our website when we are allowed to resume.

Moon Phases

Last Quarter: 1 Jul
 New Moon: 10 Jul
 First Quarter: 17 Jul
 Full Moon: 24 Jul
 Last Quarter: 31 Jul

Sunrise/set and Moonrise/set for Johannesburg – July 2021

Date	Day	Sunrise		Sunset		Moonrise		Moonset	
		h	m	h	m	h	m	h	m
1	Thu	06:56	17:28	--:--				11:58	
2	Fri	06:56	17:28	00:15				12:28	
3	Sat	06:56	17:28	01:06				12:59	
4	Sun	06:56	17:29	01:58				13:30	
5	Mon	06:56	17:29	02:50				14:04	
6	Tue	06:56	17:30	03:44				14:40	
7	Wed	06:56	17:30	04:38				15:22	
8	Thu	06:56	17:30	05:32				16:08	
9	Fri	06:56	17:31	06:26				16:58	
10	Sat	06:55	17:31	07:18				17:53	
11	Sun	06:55	17:32	08:06				18:51	
12	Mon	06:55	17:32	08:50				19:50	
13	Tue	06:55	17:33	09:30				20:49	
14	Wed	06:55	17:33	10:07				21:48	
15	Thu	06:54	17:33	10:42				22:46	

Date	Day	Sunrise	Sunset	Moonrise	Moonset
16	Fri	06:54	17:34	11:17	23:46
17	Sat	06:54	17:34	11:52	--:--
18	Sun	06:54	17:35	12:30	00:47
19	Mon	06:53	17:35	13:11	01:51
20	Tue	06:53	17:36	13:59	02:58
21	Wed	06:52	17:36	14:53	04:06
22	Thu	06:52	17:37	15:53	05:13
23	Fri	06:52	17:37	16:58	06:16
24	Sat	06:51	17:38	18:05	07:13
25	Sun	06:51	17:38	19:09	08:02
26	Mon	06:50	17:39	20:11	08:45
27	Tue	06:50	17:39	21:09	09:22
28	Wed	06:49	17:40	22:04	09:56
29	Thu	06:49	17:40	22:58	10:27
30	Fri	06:48	17:41	23:50	10:58
31	Sat	06:48	17:41	--:--	11:29

Data calculated using MICA, US Naval Observatory

Astronomical Events – July 2021

Date	Day	Time	Event
1	Thu		Venus: 25.4° E
		23:11	Last Quarter
3	Sat	04:45	Venus with in Beehive: 0.1° N
4	Sun	21:59	Mercury Elongation: 21.6° W
5	Mon	16:48	Moon Apogee: 405,300 km
6	Tue	04:59	Aphelion: 1.0167 AU
7	Wed	00:41	Moon Ascending Node
8	Thu	06:38	Moon close to Mercury: 4.1° S
9	Fri	12:05	Moon North Dec.: 25.6° N
10	Sat	03:16	New Moon
12	Mon	11:10	Moon close to Venus: 3.5° S
		12:10	Moon close to Mars: 4° S
13	Tue	15:17	Venus near Mars: 0.5° N
17	Sat	12:11	First Quarter
20	Tue	15:22	Moon Descending Node
21	Wed	12:30	Moon Perigee: 364,500 km
		23:21	Venus close to Regulus: 1.1° N
22	Thu	17:12	Moon South Dec.: 25.6° S
24	Sat	04:37	Full Moon
		18:42	Moon close to Saturn: 3.9° N
26	Mon	03:17	Moon close to Jupiter: 4.3° N
28	Wed	05:17	Delta Aquarid Shower: ZHR = 20
29	Thu	16:09	Mars near Regulus: 0.6° N
31	Sat	15:16	Last Quarter

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)

12 July – Moon, Venus and Mars
at 6:30 P.M.



Image: Stellarium

13 July – Mars, Venus and Moon
at 6:30 P.M.



Image: Stellarium

**Movement of Venus
13 to 22 July**



Image: Cartes du Ciel

Enjoy

Clear skies
Constant