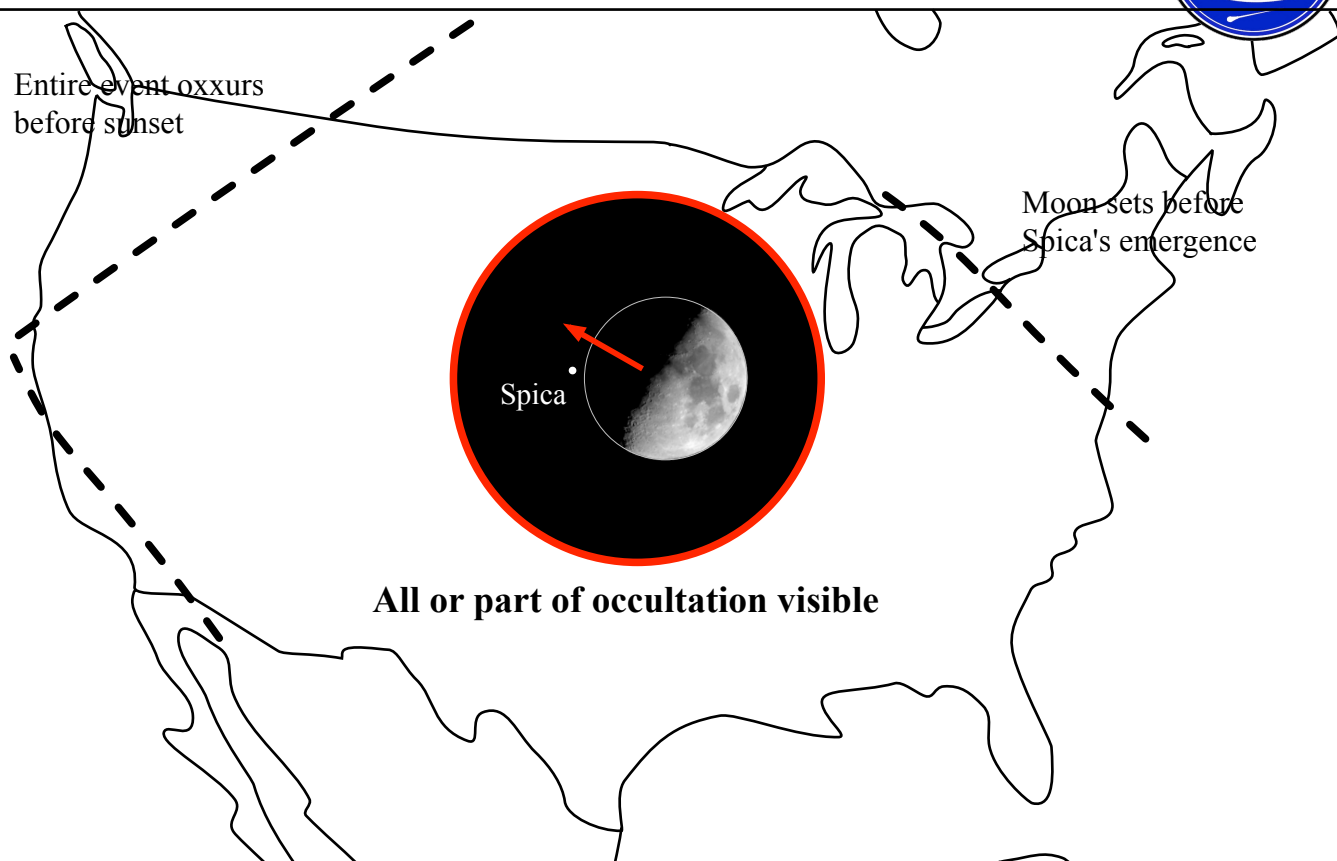
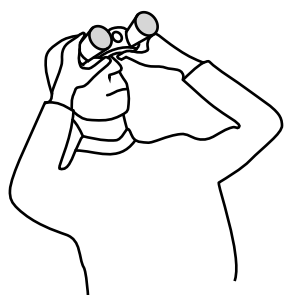


If you can see only one celestial event this month, see this one. The first quarter moon occults Spica on July 13.



Occultation of Spica occurs in the evening hours for most of the US. The moon sets before Spica's emergence for viewers in the northeast. Viewers in the northwest see the event before sunset.



A great
binocular
event

City	Start	Altitude	End	Altitude	Notes
Boston	11:24	6°	-----	----	12:03 moonset
Washington	11:26	11°	12:34	----	12:32 moonset
Atlanta	11:28	19°	12:41	5°	1:08 moonset
Miami	11:48	15°	12:54	1°	12:59 moonset
Chicago	10:10	19 ^a	11:23	8°	8:24 sunset
St Louis	10:12	23°	11:28	10°	12:25 moonset
New Orleans	10:29	24°	11:44	10°	
Minneapolis	9:57	22°	11:13	12°	
Kansas City	10:05	26°	11:23	14°	8:44 sunset
San Antonio	10:18	33°	11:37	18°	
Denver	8:48	33°	10:11	22°	8:27 sunset
Albuquerque	8:54	37°	10:17	25°	8:21 sunset
Tucson	7:54	41°	9:15	30°	7:31 sunset
Seattle	7:13	31°	8:33	28°	9:03 sunset
San Francisco	7:28	41°	8:44	36°	8:32 sunset
San Diego	7:44	44°	9:02	35°	7:57 sunset

