February 2027 Night Sky Sheet: Full Moon Feb. 20

Full Moon and a faint penumbral eclipse, with Moon times for four U.S. cities

Peak Feb. 20

100% Moonlight on the peak night

4 cities with local moonset and sunrise times

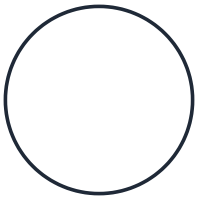
Peak window

The Full Moon and penumbral lunar eclipse, Feb. 20, 2027 peaks Sat., Feb. 20. Watch after the Moon has set; the sky starts to brighten well before sunrise.

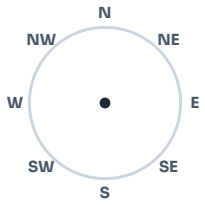
LOCAL MOONSET AND SUNRISE TIMES

CITY	MOONSET	NEXT SUNRISE	MOON LIT
New York	**6:28 a.m.**	**6:43 a.m.**	100%
Chicago	**6:25 a.m.**	**6:39 a.m.**	100%
Denver	**6:32 a.m.**	**6:46 a.m.**	100%
Los Angeles	**6:19 a.m.**	**6:32 a.m.**	100%

Moonset, sunrise and Moon illumination: U.S. Naval Observatory, local clock time. Times are read from saved USNO data, not converted.



Full Moon, about 100% lit on the peak night



Meteors can streak across any part of the sky. Face away from lights and take in as much sky as you can.

Before you go

- [ ] Check the forecast for clear skies
- [ ] Pick a dark spot away from streetlights
- [ ] Set an alarm for moonset (see the table)
- [ ] Dress in warm layers; bring a hot drink
- [ ] Lie back on a reclining chair or blanket
- [ ] Let your eyes adjust in the dark, no phone screen
- [ ] Face the radiant and look about two-thirds up the sky
- [ ] Count for 15 minutes at a time (tally at right)

My count (15-minute blocks)

Start	+15 min	+30 min	+45 min
+60 min	**+75 min**	**+90 min**	**Best one**

Not yet confirmed

Planet rise, set and transit times: none of the sources used here lists them

My notes

Source: U.S. Naval Observatory moon phases and rise and set data, local standard time, Feb. 20, 2027; NASA Goddard Space Flight Center, Lunar Eclipses: 2021 - 2030.