

Night Sky 2027

MOON PHASES, METEOR SHOWERS, ECLIPSES AND PLANETS

Days: Eastern Time (ET)

Meteor rates for a dark sky, radiant overhead

Bold: the year's big showers and clear eclipses

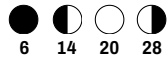
JANUARY



Wolf Moon, supermoon

- 3 Venus best in the morning sky (47° from Sun)
- 3 Quadrantids peak: up to 80 an hour, dark sky

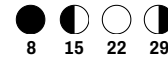
FEBRUARY



Snow Moon

- 3 Mercury best in the evening sky (18° from Sun)
- 6 **Annular solar eclipse: Chile, Argentina, Atlantic**
- 10 Jupiter at opposition: up all night
- 19 Mars at opposition: up all night
- 20 Penumbral lunar eclipse (faint): Americas, Europe, Africa, Asia

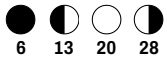
MARCH



Worm Moon

- 17 Mercury best in the morning sky (28° from Sun)
- 20 March equinox
- 31 Jupiter and Mars 4.3° apart

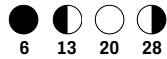
APRIL



Pink Moon

- 22 Lyrids peak: up to 18 an hour, bright moon

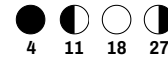
MAY



Flower Moon

- 6 **Eta Aquariids peak: up to 50 an hour, dark sky**
- 7 Venus and Saturn 0.6° apart
- 28 Mercury best in the evening sky (23° from Sun)

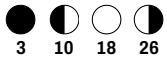
JUNE



Strawberry Moon

- 21 June solstice: longest day

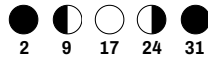
JULY



Buck Moon

- 15 Mercury best in the morning sky (21° from Sun)
- 18 Penumbral lunar eclipse (faint): Eastern Africa, Asia, Australia, Pacific
- 31 Southern Delta Aquariids peak: up to 25 an hour, dark sky

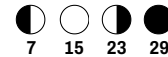
AUGUST



Sturgeon Moon

- 2 **Total solar eclipse: Spain, Morocco, Algeria and more**
- 13 **Perseids peak: 110+ an hour, bright moon**
- 17 Penumbral lunar eclipse (faint): Pacific, Americas

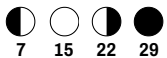
SEPTEMBER



Harvest Moon

- 23 September equinox
- 24 Mercury best in the evening sky (26° from Sun)
- 28 Neptune at opposition (telescope)

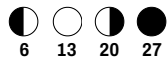
OCTOBER



Hunter's Moon

- 9 Draconids peak: up to 5 an hour, some moonlight
- 11 Venus and Mercury 3.8° apart
- 17 Saturn at opposition: up all night
- 22 Orionids peak: up to 20 an hour, some moonlight

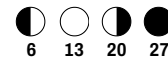
NOVEMBER



Beaver Moon

- 4 Mercury best in the morning sky (19° from Sun)
- 6 Southern Taurids peak: 5–10 an hour, some moonlight
- 13 Northern Taurids peak: up to 5 an hour, bright moon
- 18 Leonids peak: 15+ an hour, bright moon
- 24 Venus and Mars 0.3° apart
- 30 Uranus at opposition (binoculars)

DECEMBER



Cold Moon

- 14 **Geminids peak: up to 150 an hour, bright moon**
- 21 December solstice: shortest day
- 22 Ursids peak: up to 10 an hour, dark sky

