

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

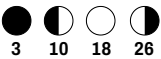
APRIL



Pink Moon

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

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

OCTOBER



Hunter's Moon

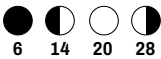
9 Draconids peak: up to 5 an hour, some moonlight

11 Venus and Mercury 3.8° apart

17 Saturn at opposition: up all night

22 Orionids peak: up to 20 an hour, some moonlight

FEBRUARY



Snow Moon

3 Mercury best in the evening sky (18° from Sun)

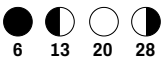
6 Annular solar eclipse: Chile, Argentina, Atlantic

10 Jupiter at opposition: up all night

19 Mars at opposition: up all night

20 Penumbral lunar eclipse (faint): Americas, Europe, Africa, Asia

MAY



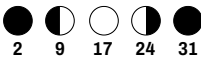
Flower Moon

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)

AUGUST



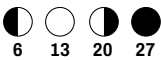
Sturgeon Moon

2 Total solar eclipse: Spain, Morocco, Algeria and more

13 Perseids peak: 110+ an hour, bright moon

17 Penumbral lunar eclipse (faint): Pacific, Americas

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)

MARCH



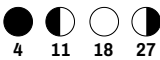
Worm Moon

17 Mercury best in the morning sky (28° from Sun)

20 March equinox

31 Jupiter and Mars 4.3° apart

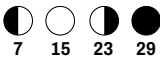
JUNE



Strawberry Moon

21 June solstice: longest day

SEPTEMBER



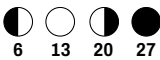
Harvest Moon

23 September equinox

24 Mercury best in the evening sky (26° from Sun)

28 Neptune at opposition (telescope)

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

