

2025 Moon Phases & Astronomy Calendar

New Moon  First Quarter  Full Moon  Last Quarter 

Based on EDT
New York USA



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January 6  13  21  29  Full Wolf Moon

February 5  12  20  27  Full Snow Moon

March 6  14  22  29  Full Worm Moon

April 4  12  20  27  Full Pink Moon

May 4  12  20  26  Full Flower Moon

June 2  11  18  24  Full Strawberry Moon

July 2  10  17  25  Full Buck Moon

August 1  9  16  23  31  Full Sturgeon Moon

September 7  14  21  29  Full Harvest (Corn) Moon

October 6  13  21  29  Full Hunter's Moon

November 5  12  20  28  Full Beaver Moon

December 4  11  19  27  Full Cold Moon

Supermoon Dates

Higher tides and brighter full moons

New Moon  Mar 29
Apr 27
May 26

Full Moon  Oct 6
Nov 5
Dec 4

The Nov 5th Supermoon
The largest full moon
of 2025



Lunar & Solar Eclipses

Mar 13-14 Lunar Eclipse (Total)
Mar 29 Solar Eclipse (Partial)
Sept 7-8 Lunar Eclipse (Total)
Sept 21 Solar Eclipse (Partial)



Sunlight

The New Moon
marks the beginning
of the lunar cycle.

Moon Phases Rise and Set Times

Moon Phase Illumination %	Average Moonrise Time Rises Near the East	Mid-phase Highest in the Sky	Average Moonset Time Sets Near the West
New Moon 0%	Around sunrise, 6 am	Around noon	Around sunset, 6 pm
Waxing Crescent 0 to 50%	Sunrise - noon, 9 am	Afternoon, 3 pm	Sunset - midnight, 9 pm
First Quarter 50%	Around noon	Around sunset, 6 pm	Around midnight
Waxing Gibbous 50 to 100%	Noon - sunset, 3 pm	Evening, 9 pm	Midnight - sunrise, 3 am
Full Moon 100%	Around sunset, 6 pm	Around midnight	Around sunrise, 6 am
Waning Gibbous 100 to 50%	Sunset - midnight, 9 pm	Early morning, 3 am	Sunrise - noon, 9 am
Last Quarter 50%	Around midnight	Around sunrise, 6 am	Around noon
Waning Crescent 50 to 0%	Midnight - sunrise, 3 am	Morning, 9 am	Noon - sunset, 3 pm

Meteor Showers

- Peak Days -

Quadrantids - Jan 3-4
Lyrids - Apr 21-23
Eta Aquariids - May 5-7
Southern delta Aquariids - Jul 29-30
Alpha Capricornids - Jul 30-31
Perseids - Aug 12-13
Dragonids - Oct 7-8
Orionids - Oct 21-23
Southern Taurids - Nov 4-5
Northern Taurids - Nov 11-12
Leonids - Nov 16-18
Geminids - Dec 13-14
Ursids - Dec 21-23

Solstices and Equinoxes

Spring Equinox: March 20 at 2:01 AM PDT
Summer Solstice: June 20 at 10:42 PM PDT
Autumnal Equinox: September 22 at 11:19 AM PDT
Winter Solstice: December 21 at 10:03 AM EST



Lunar Phases: 29.5 days to change from New Moon to New Moon

