ASTRONOMY CALENDAR 2025

JANUARY

January 3, 4
Quadrantids Meteor Shower

January 13
Full Moon

January 19
Gamma-Ursae Minorid Meteor Shower

January 29
New Moon

FEBRUARY

February 12
Full Moon

February 16
Venus at Greatest Brightness

February 23
Mars Retrograde Ends

February 28
New Moon

MARCH

March 14
Full Moon

March 14
Total Lunar Eclipse

March 20
March Equinox

March 29
Partial Solar Eclipse

March 29
New Moon

APRIL

April 13
Full Moon

April 22
Lyrid Meteor Shower

April 23
π-Puppid Meteor Shower

April 24
Venus at Greatest Brightness

April 27
New Moon

MAY

May 6, 7
Eta Aquariids Meteor Shower

May 8
Eta Lyrid Meteor Shower

May 12
Full Moon

May 13
Messier 5 is Well Placed

May 27
New Moon

JUNE

June 10
Daytime Arietid Meteor Shower

June 11
Full Moon

June 20
June Solstice

June 25
New Moon

June 27
June Bootid Meteor Shower

JULY

July 3
The Earth at Aphelion

July 9
Venus at Greatest Brightness

July 10
Full Moon

July 13
Saturn Retrograde Starts

July 24
New Moon

July 28
Piscis Austrinidis Meteor Shower

July 30
A-Capricornid Meteor Showers

AUGUST

August 9
Full Moon

August 12
Perseid Meteor Shower

August 14
Messier 15 is well placed

August 18
Kappa-Cygnid Meteor Shower

August 23
New Moon

SEPTEMBER

September 1
Aurigid Meteor Shower

September 7
Total Lunar Eclipse

September 7
Full Moon

September 9
Epsilon-Perseid Meteor Shower

September 21
Partial Solar Eclipse

September 21
New Moon

September 22
September Equinox

OCTOBER

October 2
The Andromeda is Well Placed

October 7
Full Moon, Supermoon

October 7
Draconid Meteor Shower

October 10
Southern Taurid Meteor Shower

October 15
The Triangulum is Well Placed

October 21
Orionid Meteor Shower

October 21
New Moon

October 24
Leonis Minorid Meteor Shower

October 29
Mercury at Greatest Eastern Elongation

NOVEMBER

November 4, 5
Taurids Meteor Shower

November 5
Full Moon, Supermoon

November 11
Jupiter Retrograde Starts

November 17
Leonid Meteor Shower

November 20
New Moon

November 21
Uranus at Opposition

November 27
Saturn Retrograde Ends

November 28
Orionid Meteor Shower

DECEMBER

December 4
Full Moon

December 13, 14
Geminid Meteor Shower

December 15
The Orion Nebula is Well Placed

December 16
Comae Berenicid Meteor Shower

December 20
New Moon

December 21
December Solstice

December 22
Ursid Meteor Shower

December 29
The Rosette is Well Placed