



September Night Sky

This star map is property of the Kalamazoo Astronomical Society. However, you may make as many copies as needed free of charge, so long as it is for nonprofit educational purposes and full credit is given to the KAS.

www.kasonline.org

This map represents the sky at the following local standard times:

- Late August 10 pm
- Early September 9 pm
- Late September Dusk

NORTH

EAST

WEST

SOUTH

This Month's Moon Phases

- 4: Last Quarter
- 10: New
- 18: First Quarter
- 26: Full

Deep Sky Object Key

- Galaxy
- Open Cluster
- Globular Cluster
- Diffuse Nebula
- Planetary Nebula

Look toward the eastern horizon shortly before dawn on September 8th for a waning crescent Moon 4½° above and to the right of Jupiter. Later that same day, the Moon will occult Jupiter in broad daylight at 2:50 pm EDT. Jupiter will reappear at 3:52 pm. This observation will require a telescope. The Sun will be over 30° away, but it's best to block its glare behind a building or dense tree.

Find an unobstructed view of the horizon in the west-southwest at dusk on September 13th to see Venus 5½° to the upper left and Spica 3½° to the upper right of a waxing crescent Moon.

On the evening of September 17th, red-orange supergiant star Antares, in Scorpius, is positioned 5½° right of the nearly first-quarter Moon.

The full Moon rises in the east with Saturn just over 6° below and to the left on the evening of September 26th.

A waning gibbous Moon will trail the Pleiades cluster in Taurus by about 5½° as they rise above the east-northeast horizon on the evening of September 30th. You may need binoculars to cut through the Moon's glare and see the stars of the Pleiades.