



the Photographer's Club of Omaha

seeing the world, through the eyes of our lens ...

ASTROPHOTOGRAPHY INFORMATION for the Omaha Metro Area and other Wonderful Places

Find an up-to-date listing of **ASTROPHOTOGRAPHY INFORMATION** in and around the Omaha Metro area, which may provide wonderful opportunities to experience other Astrophotographers work and capture some beautiful photographs. Additionally, if you have any suggests throughout the year to help make our list more insightful, please drop us a note through the Photographers Club of Omaha Contact Us link on our website.

We have provided a link to each of the locations, activities, and events listed in the table by date below with the full internet address. Directly below are some links to Sites that track Astrophotography Information in the local area. If you have any problems getting to the information you seek from the links below, let us know.

NEBRASKA ASTRONOMY/ASTROPHOTOGRAPHY INFORMATION

OMAHA ASTRONOMICAL SOCIETY

The OAS meets the first Friday of each month
(Durham Science Center, Room 115, UNO Campus, S 67th and Dodge St, Omaha NE)
LINK: <https://www.omahaastro.com/>

THE NEBRASKA STAR PARTY

The next Star Party scheduled for 12-17 July 2026
(Snake Campground, Merritt Reservoir, Valentine Nebraska)
The Nebraska Star Party is the chance to spend an unforgettable week in one of the darkest skies in Nebraska stargazing and creating spectacular astrophotography images.
LINK: <https://www.nebraskastarparty.org/>

BRANCH OAK OBSERVATORY

14300 NW 98th Street, Raymond Nebraska 68428
LINK: <https://branchedoakobservatory.com/>

HYDE OBSERVATORY AT HOMES PARK

Hyde Memorial Observatory is a community astronomical observatory located in Lincoln Nebraska
LINK: <https://www.hydeobservatory.info/>

UNL STUDENT OBSERVATORY

(855 N 16th Street, 208 Theodore Jorgensen Hall, Lincoln Nebraska)

LINK: <https://observatory.unl.edu/>

NEBRASKA ASTRONOMY TRAIL

LINK: <https://visitnebraska.com/trip-idea/nebraska-astronomy-trail>

ASTRONOMY CLUBS IN NEBRASKA

Northeast Nebraska Astronomy Club – Decatur NE

Omaha Astronomical Society – Omaha NE

Panhandle Astronomy Club – Scottsbluff NE

Platte Valle Astronomical Observers – Grand Island NE

Prairie Astronomy Club – Lincoln NE

LINK: <https://www.go-astronomy.com/astro-clubs-state.php?State=NE>

WAYNE COLLEGE ASTRONOMY RESOURCES

LINK: <https://www.wsc.edu/planetarium/astronomy-resources>

IOWA ASTRONOMY/ASTROPHOTOGRAPHY INFORMATION

ASHTON OBSERVATORY

Ashton Observatory is a public astronomical observatory operated by the Des Moines Astronomical Society, in collaboration with Jasper County, Iowa, USA. It is located in Ashton-Wildwood County Park near Baxter, Iowa.

LINK: <https://dmastronomy.com/our-observatory>

THE EASTERN IOWA OBSERVATORY AND LEARNING CENTER

The EIOLC is located on the grounds of the Palisades-Dows Preserve, between Mount Vernon and Ely Iowa

LINK: <https://www.cedar-astronomers.org/>

DRAKE MUNICIPAL OBSERVATORY

The Drake Municipal Observatory is an astronomical observatory in Des Moines, Iowa. It is jointly operated by Drake University and the city of Des Moines, and is located within the Waveland Golf Course

LINK: <https://www.drake.edu/observatory/>

ASTRONOMY CLUBS IN IOWA

Amateur Astronomers of Central Iowa – Gilman Iowa
Ames Area Amateur Astronomers – Ames Iowa
Cedar Amateur Astronomers – Cedar Rapids Iowa
Central Iowa Astronomers – Des Moines Iowa
Des Moines Astronomical Society – Des Moines Iowa
Iowa City Astronomy Club – Iowa City Iowa
Quad Cities Astronomical Society – Davenport Iowa
Southeastern Iowa Astronomy Club – Burlington Iowa

LINK: <https://www.go-astronomy.com/astro-clubs-state.php?State=IA>

MISSOURI ASTRONOMY/ASTROPHOTOGRAPHY INFORMATION

BROEMMELSIEK PARK ASTRONOMY SITE

1593 Schwede Road, Defiance Missouri

LINK: <https://www.aseonline.org/beginners-pages/places-to-observe>

BAKER OBSERVATORY

The William G. and Retha Stone Baker Observatory is an astronomical observatory owned and operated by Missouri State University. It is located in Marshfield, Missouri.

1766 Old Hillcrest Road, Fair Grove Missouri

LINK: <https://physics.missouristate.edu/public-observing-night.htm>

LAWS OBSERVATORY

Laws Observatory is the name of three separate astronomical observatories owned and operated by University of Missouri from 1880 to the present. Named after former University President Samuel Laws, it is located in Columbia, Missouri.

Physics Building, 701 S College Ave, Columbia Missouri

LINK: <https://physics.missouri.edu/laws-observatory>

ASTRONOMICAL SOCIETY OF EASTERN MISSOURI

LINK: <https://www.aseonline.org>

ASTRONOMY CLUBS IN MISSOURI

Astronomical Society of Eastern Missouri - Lake St Louis MO
Astronomical Society of Kansas City - Blue Springs MO
Central Missouri Amateur Astronomers - Columbia MO
Eastern Missouri Dark Sky Observers - Marthasville MO
Ozarks Amateur Astronomers Club - Springfield MO
River Bend Astronomy Club - St. Louis MO
Springfield Astronomical Society - Springfield MO
St Louis Astronomical Society - St. Louis MO

LINK: <https://www.go-astronomy.com/astro-clubs-state.php?State=MO>

ASTROPHOTOGRAPHY TOOLS

DARK SKY LIST (2025)

By Go Astronomy

LINK: <https://www.go-astronomy.com/dark-sky-sites.php>

LIGHT POLLUTION WORLD MAP

LINK:

<https://www.lightpollutionmap.info/#zoom=4.00&lat=45.8720&lon=-14.5470&state=eyJiYXNlbWFWljoITGF5ZXJCaW5nUm9hZCIsIm92ZXJsYXkiOiJ3YV8yMDE1Iiwib3ZlcmxheWNvbG9yIjpmYWxzZSwib3ZlcmxheW9wYWNpdHkiOiI2MCIslmZlYXR1cmVzb3BhY2l0eSl6Ijg1In0=>

SKY MAP

LINK: <https://www.avastronomyclub.org/skymap/d/skymap.php>

MOON AND SUN ASTRONOMY CALENDARS

LINK: <https://www.timeanddate.com/astronomy/>

MAP LATITUDE AND LONGITUDE FINDER

LINK: <https://www.latlong.net/>

RIGHT ASCENSION & DECLINATION CELESTIAL COORDINATES FOR BEGINNERS

By Sky & Telescope

LINK: <https://skyandtelescope.org/astronomy-resources/right-ascension-declination-celestial-coordinates/>

ASTRO PHOTOGRAPHY RULES

* 500, 600, NPF, Looney 11, Sunny 16 and more...

LINK: <https://nightskypix.com/list-of-photography-rules/>

HOW TO PHOTOGRAPH THE MILKY WAY

By Capture the Atlas

LINK: <https://capturetheatlas.com/how-to-photograph-the-milky-way/>

HOW DO I LOCATE A STAR?

LINK: <https://osr.org/locate/>