

Palisades-Dows Preserve and Observatory

1365 Ivanhoe Road, Mt. Vernon, IA 52314

Cedar Amateur Astronomers

Founded in 1979, The Cedar Amateur Astronomers promotes Science, Technology, Engineering, and Mathematics (STEM) through astronomy. We host observing sessions and special programs available to community organizations, scouting, church groups, schools, colleges, universities, and the general public at the Eastern Iowa Observatory.

1. Introduction.

The Eastern Iowa Observatory and Learning Center (EIOLC) is a 4,600 square foot facility consisting of a classroom, large presentation room, small catering kitchen, bathrooms, library, and exhibit areas. The observatory has five fixed telescopes including a seven foot long six inch refractor and a 24 inch research grade reflecting telescope -

weighing 3500 pounds! Other resources include a second observing building with removable roof, a 16 foot dome, several portable telescopes and concrete observing pads with electrical power.

2. Public Presentations at EIOLC.

The CAA hosts a minimum of twelve public events each year at the EIOLC which include astronomy related educational programs, observing sessions, and supervised access to permanently mounted telescopes. During COVID the presentations may be virtual using Zoom or a combination of live and virtual. The public program schedule here includes the virtual ONLY presentations in December through February and the 12 live programs. Presenters may be CAA

members, college and university staff, or special guests. All events are supported solely by volunteers and donations. For additional information, visit the website below.

3. Group Visits at EIOLC.

Groups of 15 or more may arrange a visit with a specifically targeted astronomy related program.

Contact the observatory to set up a reservation and program at the email below.

4. Winter Schedule

The observatory is closed for scheduled events during December through February due to the probability of nasty weather. If you are arranging a group visit then we may be able to accommodate your visit if you are able to notify all your participants quickly

Public Programs 2023			
*Jan 14	7:30 p.m.	July 22	3:00 p.m.
*Feb 11	7:30 p.m.	Aug 12	8:00 p.m.
Mar 11	7:30 p.m.	Sept 9	7:30 p.m.
April 8	8:00 p.m.	Oct 7	7:30 p.m.
April 22	6:00 p.m.	Oct 21	7:30 p.m.
May 13	8:30 p.m.	Nov 4	7:30 p.m.
June 10	8:30 p.m.	*Dec 2	7:30 p.m.
July 8	8:30 p.m.	*note: Virtual only	
Apr 22 and July 22 : children & family special.			

in the event of cancellation due to weather. To schedule an event use the Inquiries email below.



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Palisades-Dows Preserve

The Palisades-Dows Preserve is a 162 acre preserve and home to the Eastern Iowa Observatory and Learning Center (EIOLC). The park grounds are maintained by Linn County Conservation for use of the general public. Please obey park rules posted at the park entrance.

Trails & Hiking at Palisades-Dows Preserve: While there are no mowed or maintained trails at Palisades-Dows Preserve, many people enjoy getting off the beaten path here and going for a stroll in the timber. You can walk cross country to as far as the Cedar River across from Palisades-Kepler State Park. A GPS is recommended for longer hikes as there is no marking maintained or permitted. CAUTION: Hiking in unimproved forest land can be dangerous and there are high rock cliffs along the Cedar River bank.

Picnicking: Take out what you bring in. No water or bathroom facilities. There are a few picnic tables.

Mushrooming: During the spring the park is popular for hunting morel mushrooms.

Birding: Wooded preserves are home to many Iowa native bird species.

Nature photography: Quiet and little used park area that is good for photographing undisturbed timberland and river basin flora and fauna.

Geocaching: There are at least five geocaches in the park area. If you have a hand held GPS or GPS enabled smart phone/tablet and enjoy hunting hidden treasures, this sport may interest you.

Night Sky viewing: The Palisades-Dows Preserve has level concrete pads and grassy areas suitable for lying on the ground or setting up lawn chairs and observing the night sky with binoculars or portable telescopes. Even when the observatory is not open, there is parking outside of the gate and a short walk

across the parking lot will get you to an open, reasonably dark sky observing area. Perfect for meteor showers, observing passing satellites, eclipses, or just appreciating some dark sky.

The Eastern Iowa Observatory: The observatory is operated by, and all telescope and related equipment is owned by, the Cedar Amateur Astronomers (CAA). See the next page for more about CAA and the Eastern Iowa Observatory operation.

If the gate is open at times other than scheduled events as noted on the following page, please park outside the gate and walk in. Someone may be working at the observatory and will want to lock the gate when they leave.

<http://www.mycountyparks.com/County/Linn.aspx>

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



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