

THE WILLIAM D. MCDOWELL OBSERVATORY

FREE PUBLIC OBSERVING NIGHTS SUMMER SCHEDULE 2018



June 2018 (8:30PM-10:30PM)

6th Venus, Jupiter, M13, M57, Albireo, Mizar & Alcor
13th Venus, Jupiter, M13, M57, Albireo, Mizar & Alcor
20th Moon, Jupiter, M13, M57, Albireo, Mizar & Alcor
27th Moon, Jupiter, Saturn, M13, Albireo, Mizar & Alcor

July 2018 (8:30PM-10:30PM)

11th Mercury, Jupiter, Saturn, M13, M57, NGC 457, Albireo, Mizar & Alcor
18th Moon, Jupiter, Saturn, M13, M57, NGC 457, Albireo, Mizar & Alcor
25th Moon, Jupiter, Saturn, M13, M57, NGC 457, Albireo, Mizar & Alcor

August 2018 (8:00PM-10:30PM)

1st Mars, Jupiter, Saturn, M13, M57, NGC 869 & 884, Albireo, Mizar & Alcor
8th Mars, Jupiter, Saturn, M13, M57, NGC 869 & 884, Albireo, Mizar & Alcor
15th Moon, Mars, Jupiter, Saturn, M13, M57, NGC 869 & 884, Albireo, Mizar & Alcor
22nd Moon, Mars, Jupiter, Saturn, M13, M57, NGC 869 & 884, Albireo, Mizar & Alcor
29th Mars, Jupiter, Saturn, M13, M57, NGC 869 & 884, Albireo, Mizar & Alcor

**PLEASE SEE REVERSE SIDE FOR THE KEY AND
MORE INFORMATION.**

Center for Environmental & Scientific Education
Three DeKorte Park Plaza
PO Box 640
Lyndhurst, NJ 07071
Phone: 201-460-8300



PUBLIC OBSERVING NIGHTS



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Key:

M31- The Andromeda Galaxy

M13- A globular cluster in Hercules

M57- Ring Nebula in Lyra

NGC457- An open cluster in Cassiopeia

NGC869 & NGC884 Double cluster in Cassiopeia

M45- The Pleiades is an open cluster in Taurus and the cluster most obvious to the naked eye.

Mizar & Alcor- Visual binary in Ursa Major. Mizar is a quadruple star system and Alcor is a binary (A sextuple system)

Arcturus- A Bright, orange star

Vega- A bright, blue-white star

Sirius- A bright white star, the brightest in the sky at a distance of 8 light years.

Almach- Quadruple star system including a bright, orange star and a dimmer, blue star (actually 3 stars)

M42- The Orion Nebula is one of the brightest nebulae and the closest region of massive star formation to Earth.

? A question mark after an object we have listed means that it is becoming very difficult to see because it is near the horizon and/or at the limit the telescope can resolve it (see it clearly.) The list of objects mentioned for each date can be modified due to viewing conditions.

Note: In order to access the observatory telescope, a visitor must be able to climb 25 steps (nine steps, a landing, 16 steps) in a spiral formation. The stairs have a railing on either side, with the railings approximately 2 feet apart. Please contact the Meadowslands Environment Center offices at least one week prior to visiting to request disability related accommodations.

PLEASE NOTE: Please check the sky as well as our website before your visit. In addition, the buildings are wheelchair accessible and visitors are to exit the park.

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For more information about this program, visit the
Observatory's website at:
<http://www.rst2.org/mec> or call 201-460-8300

