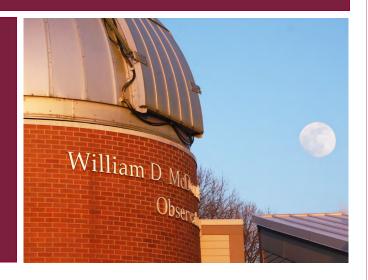
THE WILLIAM D. MCDOWELL OBSERVATORY

FREE PUBLIC

OBSERVING NIGHTS

WINTER SCHEDULE

2019-2020



December 2019 (7PM-10PM)

4th Moon, Venus, Uranus, Neptune, Almach (double star), M45, M31, M42, M44, NGC 869 & 884 11th Moon, Venus, Uranus, Neptune, Almach (double star), M45, M31, M42, M44, NGC 869 & 884 18th Venus, Uranus, Neptune, Almach (double star), M45, M31, M42, M44, NGC 869 & 884

January 2020 (7 PM-10PM)

8th Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M42?, M35
15th Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M42?, M35
22nd Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884
29th Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884

February 2020 (7 PM-10PM)

5th Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884 12th Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884 19th Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884 26th Moon, Venus, Uranus, Neptune, Sirius, Almach (double star), M45, M31, M42, M44, NGC 869 & 884

PLEASE SEE REVERSE SIDE FOR KEY AND MORE INFORMATION.



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 guadruple 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.

<u>Note:</u> 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 Meadowlands 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 equipment of and visitors are to exit the park.

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