

# STARRY NIGHTS

July 2017



## HOW TO USE THIS MAP

MPM's sky map shows the night sky as it appears on various dates and times. The sky lies overhead so we've designed the map to be held above your head. Compass directions are indicated along the edge of the circle. Turn the sky map around its center so the compass direction that appears along the bottom of the map is the same as the direction that you face. Begin by using the sky map to find a bright star pattern in the sky.

## BEST VIEWS

This chart should be used within an hour of the times listed: 11:30 p.m. July 1, 10:30 p.m. July 15, and 9:30 p.m. July 30. It is drawn for 43 degrees latitude but July be applied throughout the continental United States.

## JULY MORNING SKY

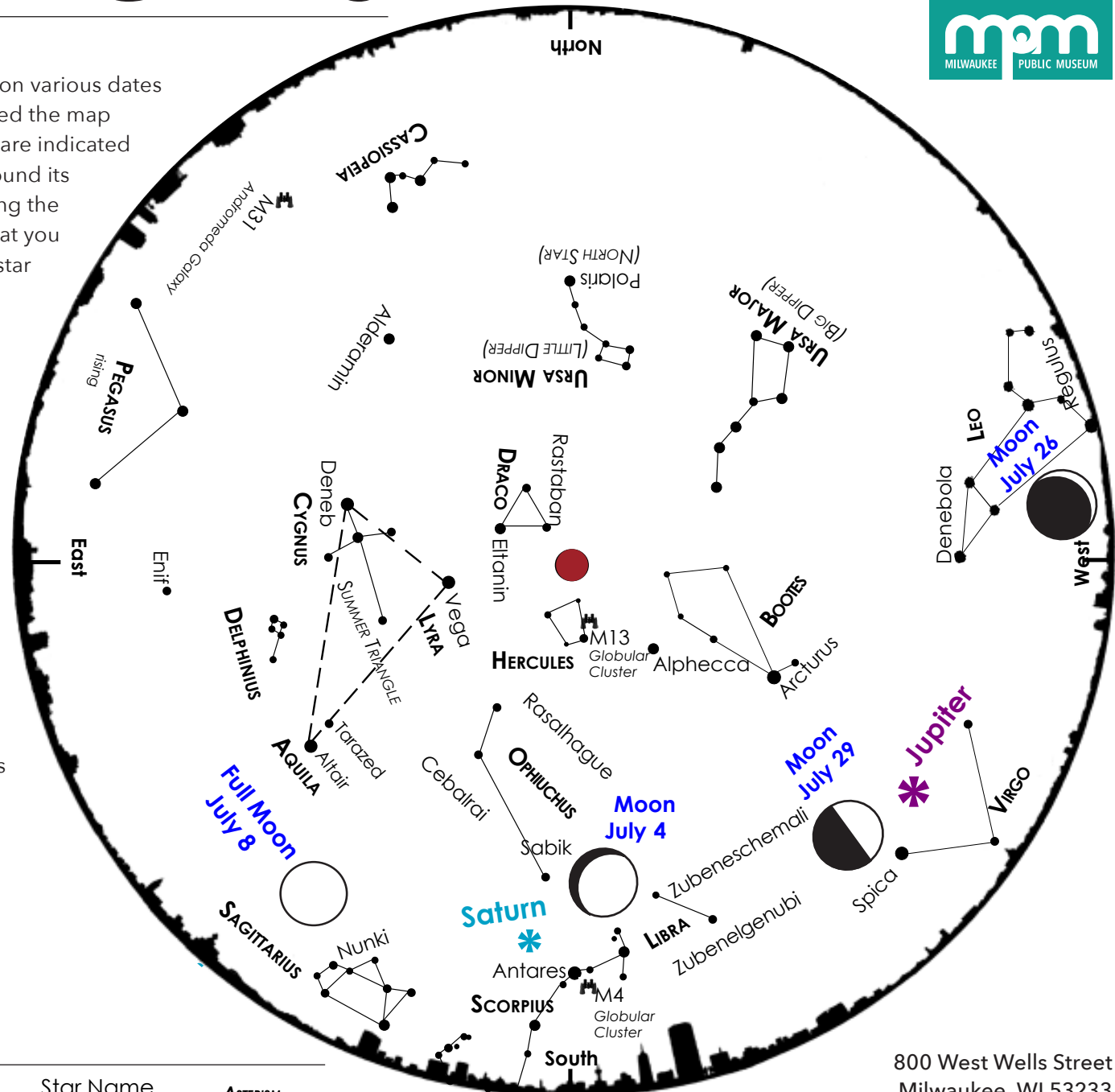
Venus gets a little higher in the east before dawn. Our Moon shines very close on the morning of July 20.

## NOW PLAYING

Wisconsin Stargazing and Earth, Moon, Sun opens July 10.

## SUBSCRIBE TO THE STARS

Email [bonadurer@mpm.edu](mailto:bonadurer@mpm.edu) to receive our FREE monthly sky map and newsletter. Follow us on Twitter at @MPMPlanetarium



**STAR MAGNITUDES:** 0 1 2 3 4

Star Name  
**KEY: CONSTELLATION**  
**ASTERISM**  
**Binocular sights**

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