# DAVIS PLANETARIUM <br>  



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## TO USE MAP:

Hold the map in front of you so that the direction you are facing is on the bottom. The stars on the lower half on the map will match up with the stars in the sky. The center of the map is directly overhead in the sky. Constellation and star pattern names are all capitalized. Names of stars have only the first letter capitalized. The map is valid within an hour of:
11:30pm Mid-July
9:30pm Mid-Aug.

MAGNITUDE is a measure of a star's brightness.
The lower the number, the brighter the star
-1 ${ }^{\text {st }}$ or brighter magnitude star
$-2^{\text {nd }}$ magnitude star
$\cdot 3^{\text {rd }}$ magnitude star
$4{ }^{\text {th }}$ or fainter magnitude star

## ECLIPTIC:

The imaginary path of the Sun through the year. Constellations of the Zodiac surround the Ecliptic and the Moon and planets appear along it.

## DAVIS PLANETARIUM



## IN THE JULY/AUGUST SKY

July 3
Earth at aphelion
(See Celestial Highlights)
July 6
First quarter Moon
July 10
Moon near Antares
July 13
Full Moon
July 15
Moon near Saturn
(See Celestial Highlight)
July 16
Superior conjunction of
Mercury
July 19
Moon near Jupiter
(morning)
July 20
Last quarter Moon
July 21
Moon near Mars
(morning)
July 23
Moon near Pleiades
(morning)
July 26
Moon near Venus
(morning)
July 28
New Moon
Delta Aquarid meteor shower

Aug. 5
First Quarter Moon
Aug. 6
Venus near Pollux
(morning)
Moon near Antares
$\bigcirc$
Aug. 11
Full Moon
Moon near Saturn
Aug. 12
Annual Perseid meteor shower (See Celestial Highlight)
Aug. 14
Saturn in opposition
(See Celestial Highlight)
Aug. 14/15
Moon near Jupiter
Aug. 17
Venus near Beehive Cluster (morning)
© Aug. 19
Last Quarter Moon
Moon near Mars
(morning)
Moon near
Pleiades
(morning)
Aug. 20
Mars near Pleiades
(morning)
Aug. 23
Moon near Pollux
(morning)
Aug. 25
Moon near Venus (morning)
Aug. 27
New Moon
Mercury at greatest
elongation


MERCURY
When: Morning sky, first week July
Evening sky, last half August
Where: Very low in East, first week July
Very low in West, last
half August
Constellation:
Taurus, Gemini, first week July Leo, Virgo, last half August


MARS
When:
Morning sky
Where:
East to Southeast
Constellation:
Pisces, Aries, Taurus


JUPITER

## When:

Morning sky, July Late night to dawn, August
Where:
East to South, July
East to Southwest, August
Constellation:
Cetus


SATURN

## When:

Late night to dawn
Where:
Southeast to southwest
Constellation:
Capricornus

