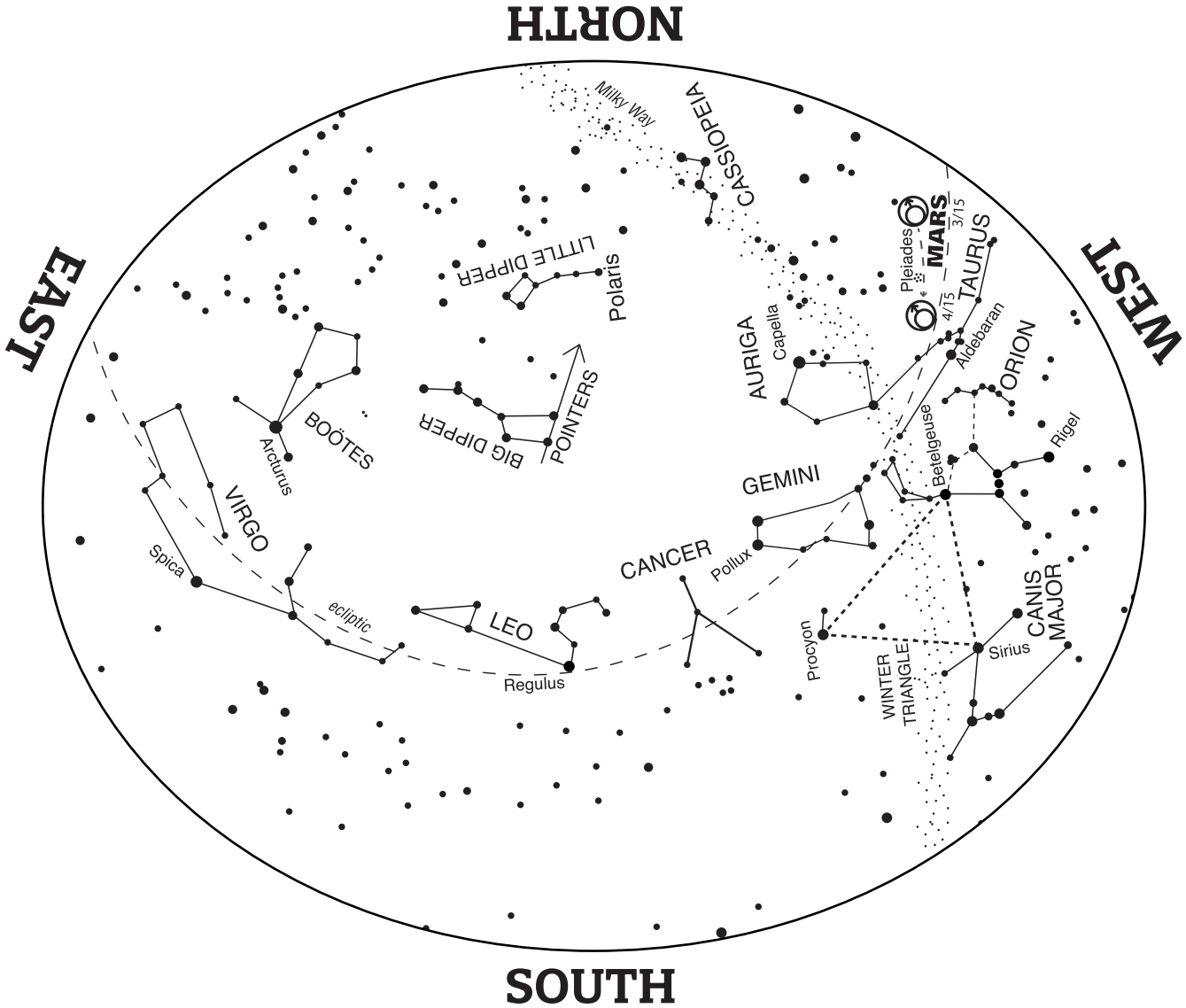


# Starmap

MARCH/APRIL 2019



601 Light Street • Baltimore's Inner Harbor  
410.685.5225 • www.marylandsciencecenter.org



**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:  
 10:30pm Mid-March EDT  
 8:30pm Mid-April EDT

**MAGNITUDE** is a measure of a star's brightness. The lower the number, the brighter the star

- 1<sup>st</sup> or brighter magnitude star
- 2<sup>nd</sup> magnitude star
- 3<sup>rd</sup> magnitude star
- 4<sup>th</sup> 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.

# Starmap

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## IN THE MARCH/APRIL SKY

- |  |   |
|--|---|
| <p><b>Mar 1</b><br/>Moon near Saturn (morning)</p> <p><b>Mar 2</b><br/>Moon near Venus (morning)</p> <p>● <b>Mar 6</b><br/>New Moon<br/>Neptune in conjunction with the sun</p> <p><b>Mar 10</b><br/>Daylight Saving Time begins<br/>(See <i>Celestial Highlights</i>)</p> <p><b>Mar 12</b><br/>Moon near Aldebaran</p> <p>◐ <b>Mar 14</b><br/>First quarter Moon<br/>Inferior conjunction of Mercury</p> <p><b>Mar 18</b><br/>Moon near Regulus</p> <p>○ <b>Mar 20</b><br/>Full Moon<br/>Vernal Equinox<br/>(See <i>Celestial Highlights</i>)</p> <p><b>Mar 27</b><br/>Moon near Jupiter (morning)</p> <p>◑ <b>Mar 28</b><br/>Last quarter Moon</p> <p><b>Mar 29</b><br/>Moon near Saturn (morning)</p> <p><b>Mar 30</b><br/>Mars near Pleiades</p> | <p><b>Apr 2</b><br/>Moon near Venus and Mercury (morning)<br/>(See <i>Celestial Highlights</i>)</p> <p>● <b>Apr 5</b><br/>New Moon</p> <p><b>Apr 8</b><br/>Moon near Mars</p> <p><b>Apr 9</b><br/>Moon near Aldebaran</p> <p><b>Apr 11</b><br/>Mercury at greatest elongation (morning)</p> <p>◐ <b>Apr 12</b><br/>First quarter Moon</p> <p><b>Apr 14</b><br/>Mars near Aldebaran<br/>Moon near Regulus</p> <p><b>Apr 16</b><br/>Mercury near Venus (morning)</p> <p>○ <b>Apr 19</b><br/>Full Moon</p> <p><b>Apr 22</b><br/>Uranus in conjunction with sun</p> <p><b>Apr 23</b><br/>Moon near Jupiter (morning)</p> <p><b>Apr 25</b><br/>Moon near Saturn (morning)</p> <p>◑ <b>Apr 26</b><br/>Last quarter moon</p> |
|--|---|

## CELESTIAL HIGHLIGHTS

**Daylight Saving Time begins, Sunday, March 10, 2:00am** - Remember to turn your clocks *forward* one hour before going to bed Saturday night!

**Vernal Equinox, Wednesday, March 20, 5:58pm** - The Vernal Equinox marks the first day of spring. The Equinoxes are the only two days each year when the sun rises due east and sets due west every place on Earth! If you happen to be standing at the Earth's equator at noon during the Equinox you would see the sun pass directly overhead.

**Moon near Venus and Mercury, Tuesday, April 2** - As the Moon orbits the Earth throughout the month we can see it match up in the sky with some bright stars and planets. On April 2, before the sun rises, the crescent Moon can be seen with Venus and Mercury in the eastern sky, Venus would be the brighter of the two planets.

The bi-monthly STARMAP is available on the web at <https://www.mdsci.org/learn/resources/starmaps/>

## CROSBY RAMSEY MEMORIAL OBSERVATORY INFO 410-545-2999

Free public observing nights are held Friday evenings from 5:30-9:00pm through March 8, weather permitting. Starting on March 15, the Observatory is open Friday evenings from 7:00-10:30pm. Please call after 5:00pm on Friday for observing conditions.



### MERCURY

**When:**  
After sunset, first week of March  
Before sunrise, April

**Where:**  
Low in west, March  
Low in east, April

**Constellation:**  
Pisces, Aquarius, Pisces



### VENUS

**When:**  
Before sunrise

**Where:**  
Low in east

**Constellation:**  
Capricornus, Aquarius, Pisces



### MARS

**When:**  
Early evening

**Where:**  
West

**Constellation:**  
Aries, Taurus



### JUPITER

**When:**  
Before sunrise

**Where:**  
Southeast to south

**Constellation:**  
Ophiuchus



### SATURN

**When:**  
Before sunrise

**Where:**  
Low in southeast

**Constellation:**  
Sagittarius