

Conjunction of the Moon with Mars

On the nights of **January 19-21**, the waxing **Wolf Moon** will glide by the orange-colored disk of the planet **Mars**. The two solar system objects will be positioned along the ecliptic, with the zodiac constellation Aries in the background.

The Wolf Moon reaches its first quarter phase on January 20th. Mars is 102 million miles behind the Moon on these nights.

Hidden from view, less than 2° below Mars on these nights, is the faint, pale blue disk of the planet **Uranus** – located some 1.8 billion miles away. Using binoculars, you should easily catch a glimpse of this first planet to be discovered – in 1781 by William Herschel.

