

## Sky Highlights for October

October 6	Mercury at inferior conjunction
October 7	First quarter moon
October 11-12	Peak of the Perseid meteor shower. This year's Perseids will be washed out by a nearly full moon ( <i>see below</i> )
October 15	
October 14	Full Moon. This year, it's the Hunter's Moon
October 21	Last quarter moon Peak of the Orionid meteor shower
October 28	New moon

**Mercury**— Appears in the morning sky at mid-month, reaching 18° above the horizon on the 22<sup>nd</sup>. Magnitude -0.5.

**Venus**— Starts the month 13° of the southwestern horizon, reaching 16° high by the end of the month. Magnitude +1.0

**Mars**—lost in the sun's glare

**Jupiter**— In the low southern sky at magnitude -2.3 Jupiter sets around midnight

**Saturn**— Now a morning star, by Halloween, Saturn rises 4 hours before sunrise, magnitude +1.0

**Uranus**— Well-placed for viewing and visible in binoculars in Aquarius. At magnitude +5.7, it can be seen with the naked eye if you know where to look.

**Neptune**— Not as bright as Uranus but only one constellation over, in Capricornus at magnitude +7.8

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## Sky Highlights for November

November 5	First quarter moon
November 12	Full Moon. Called the Frost or Beaver Moon
November 17	Peak of the Orionid meteor shower
November 19	Last quarter moon
November 25	Mercury in superior conjunction
November 27	New moon Uranus ends retrograde

**Mercury**— Only visible for the first week in the morning sky.

**Venus**— Rising higher into the evening sky at magnitude -4.0. \* **see below**

**Mars**— Still lost in the sun's glare

**Jupiter**— Magnitude -2.1 in Sagittarius and sinking fast. \* **see below**

**Saturn**— Rises around 1 am in the east in Leo.

**Uranus and Neptune**—Because of their great distance from us, they are in pretty much the same places as last month.

\* **NOTE:** As Venus rises higher and Jupiter sinks lower in the west, they get closer together throughout the month. On Nov. 30, they'll only be 2° apart. Very pretty!