



Jan. 2

4

15

19

For key dates, yellow dots indicate what part of the Moon's limb is tipped the most toward Earth by libration under favorable illumination.

## Phases



**LAST QUARTER**

January 5, 3:58 UT



**NEW MOON**

January 11, 19:44 UT



**FIRST QUARTER**

January 18, 23:45 UT



**FULL MOON**

January 27, 4:38 UT

## Distances

**Perigee** January 10, 10<sup>h</sup> UT  
224,299 miles diam. 33' 6"

**Apogee** January 22, 11<sup>h</sup> UT  
253,218 miles diam. 29' 19"

## Librations

**Pythagoras (crater)** January 2

**Lavoisier (crater)** January 4

**Peirescius (crater)** January 15

**Humboldt (crater)** January 19