



July 11

12

13

14

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

## Phases



**FIRST QUARTER**

July 5, 11:59 UT



**FULL MOON**

July 12, 11:25 UT



**LAST QUARTER**

July 19, 2:08 UT



**NEW MOON**

July 26, 22:42 UT

## Distances

Perigee July 13, 8<sup>h</sup> UT  
222,614 miles diam. 33' 21"

Apogee July 28, 3<sup>h</sup> UT  
252,628 miles diam. 29' 23"

## Librations

Pingre (crater) July 11

Boltzmann (crater) July 12

Newton (crater) July 13

Boguslawsky (crater) July 14