



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



### NEW MOON

November 3, 12:50 UT



### FIRST QUARTER

November 10, 5:57 UT



### FULL MOON

November 17, 15:16 UT



### LAST QUARTER

November 25, 19:28 UT

## Distances

### Perigee

November 6, 9<sup>h</sup> UT

227,025 miles

diam. 32' 43"

### Apogee

November 22, 10<sup>h</sup> UT

251,931 miles

diam. 29' 28"

## Librations

Petrov (crater)

November 10

Mare Australe

November 12

Jenner (crater)

November 13

Gibbs (crater)

November 15