The Moon • October 2011

Phases

First quarter	October 4, 3:15 UT
Full Moon	October 12, 2:06 UT
Last quarter	October 20, 3:30 UT
New Moon	October 26, 19:56 UT

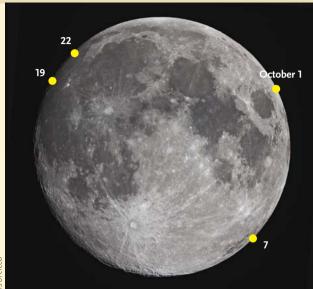
Distances

Apogee	October 12, 12 ^h UT	
252,863 miles	diam. 29′ 22″	
Perigee	October 26, 12 ^h UT	
221.298 miles	1	

Librations

Mare Marginis	October 1
Lyot (crater)	October 7
Einstein (crater)	October 19
Lavoisier (crater)	October 22

5&T: DENNIS DI CICCO



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