

Sky Viewing Calendar 2018

Widener University Observatory

JULY

Sunrise

Sunset

5:37 am EDT on 1st

8:34 pm EDT on 1st

5:59 am EDT on 31st

8:16 pm EDT on 31st

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6 Last Quarter  <i>Earth at aphelion</i> <i>1.017 AU from Sun</i>	7
8	9	10	11 <i>Pluto at opposition</i>	12 New  10:48 pm EDT <i>Mercury at greatest E</i> <i>(evening) elongation</i>	13 Moon at perigee	14 <i>Mariner 4 probe</i> <i>passes by Mars 1965</i>
15	16	17 <i>Georges Lemaitre b. 1894</i>	18 <i>Physicist R Hooke b. 1635</i> <i>Physicist H Lorentz b. 1853</i> <i>Astronaut J Glenn b. 1921</i>	19 First Quarter 	20 <i>Sun leaves Gemini,</i> <i>enters Cancer</i> <i>Astronauts Armstrong &</i> <i>Aldrin walk on Moon 1969</i>	21
22	23	24	25	26	27 Full  "Thunder Moon" 8:20 pm EDT Moon at apogee <i>Mars at opposition</i> Special Mars Viewing #1 Observatory 9:30-11 pm	28
29	30 Special Mars Viewing #2 Observatory 9:15-10:45pm	31 <i>Mars nearest to Earth</i> <i>0.385 AU</i> <i>Ranger 7 crash-lands</i> <i>on Moon 1964</i>				