

# Sky Viewing Calendar 2017

Widener University Observatory

# OCTOBER

**Sunrise**

**Sunset**

6:58 am EDT on 1<sup>st</sup>

6:43 pm EDT on 1<sup>st</sup>

7:29 am EDT on 31<sup>st</sup>

6:00 pm EDT on 31<sup>st</sup>

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 <b>Public Stargazing Observatory 7-8 pm</b>	3	4 <i>Sputnik I launched 1957</i>	5 <b>Full "Harvest Moon"</b> 2:41 pm EDT <i>Venus-Mars conjunction in morning sky</i> 	6 <i>N Maskelyne b.1732</i> <b>Public Stargazing Observatory 8-9 pm</b>	7 <i>Draconid Meteor Shower peaks after midnight</i>
8 <i>Mercury at superior conjunction w/ Sun</i>  <i>Draconid Meteor Shower peaks early morning</i>	9 <b>Moon at perigee</b>  <b>Public Stargazing Observatory 7-8 pm</b>	10	11	12 <b>Last Quarter</b> 	13  <b>Alumni Stargazing 7:30-8:30 pm</b>	14 <i>Neptune's moon Titan disc. 1846</i>
15	16  <b>Public Stargazing Observatory 7-8 pm</b>	17	18	19 <b>New</b> 3:12 pm EDT   <i>Uranus at opposition</i>	20 <i>Orionid Meteor Shower peaks after midnight</i>	21 <i>Orionid Meteor Shower peaks early morning</i>
22	23 <i>F.G.W. Spörer b.1822</i>	24 <b>Moon at apogee</b>	25	26 <i>Jupiter at conjunction w/ Sun</i>	27 <b>First Quarter</b> 	28
29 <i>E Halley b.1656</i>	30 <i>Sun leaves Virgo enters Libra</i>  <b>Public Stargazing Observatory 7-8 pm</b>	31 <i>Halloween (Cross-Quarter Day)</i>				