



November - December 2019



Sun	Mon	Tue	Wed	Thu	Fri	Sat
Nov 3 Standard Time 02:00	Nov 4 First Quarter Moon	Nov 5 <i>Lunar Straight Wall</i> S Taurid meteors peak 20:00	Nov 6	Nov 7	Nov 8 <i>Mars near Spica</i>	Nov 9 <i>Sunrise 7:14 set 17:01</i>
Nov 10 <i>Moon near Uranus</i>	Nov 11 Mercury Transit 08:35-14:04	Nov 12 Full Moon WBJAC meet 19:00 <i>Vesta opposition</i> N Taurids 19:00	Nov 13 <i>Venus sets 18:06</i> <i>Jupiter sets 18:55</i> <i>Saturn sets 20:28</i>	Nov 14 <i>Algol min 22:34</i>	Nov 15 <i>Moon near M35 16:00</i>	Nov 16 RASCNB UNB 13:00 <i>Sunrise 7:23 set 16:53</i>
Nov 17 <i>Algol minimum 19:23</i> Leonids peak after midnight	Nov 18 Leonids peak 02:00 <i>Moon by M44 07:00</i>	Nov 19 <i>Third Quarter Moon</i>	Nov 20 <i>Mercury stationary</i>	Nov 21	Nov 22	Nov 23 <i>Sunrise 7:32 set 16:47</i>
Nov 24 <i>Moon near Mars</i> <i>Venus near Jupiter</i>	Nov 25	Nov 26 New Moon <i>Jupiter sets 18:16</i> <i>Venus sets 18:18</i> <i>Saturn sets 19:43</i>	Nov 27 <i>Neptune stationary</i>	Nov 28 <i>Mercury elongation</i> <i>Saturn-Moon-Venus- Jupiter</i>	Nov 29 <i>Moon near Saturn</i>	Nov 30 <i>Sunrise 7:41 set 16:43</i>
Dec 1	Dec 2	Dec 3	Dec 4 First Quarter Moon <i>Algol minimum 24:17</i>	Dec 5	Dec 6 <i>Lunar Straight Wall</i>	Dec 7 SJAC meeting 19:00 <i>Algol minimum 21:06</i> <i>Sunrise 7:49 set 16:41</i>
Dec 8	Dec 9	Dec 10 WBJAC meet 19:00 <i>Algol minimum 17:55</i> <i>Venus near Saturn</i>	Dec 11 <i>Jupiter sets 17:31</i> <i>Venus sets 18:46</i> <i>Saturn sets 18:51</i>	Dec 12 <i>Full Moon</i> <i>Venus left of Saturn</i>	Dec 13	Dec 14 Geminids peak 15:00 <i>Sunrise 7:55 set 16:41</i>