



November - December 2020

Jupiter's Red Spot Transit Time (visible ~ 1 hour before and after)
I=Io II=Europa III=Ganymede IV=Callisto Ec=Eclipse Tr=Transit Sh=Shadow Transit
Oc=Occultation I=Ingress E=Egress D=Disappearance R=Reappearance



Sun	Mon	Tue	Wed	Thu	Fri	Sat
Nov 1 <i>Standard Time 02:00</i> III ShI 18:37 I EcR 20:43	Nov 2 I ShE 18:02 Red Spot 20:33	Nov 3 <i>Mercury stationary</i>	Nov 4 <i>Moon near M35</i>	Nov 5 R Spot 18:04 <i>Jupiter sets 21:21</i> <i>Saturn sets 21:45</i> <i>Mars transits 22:20</i>	Nov 6	Nov 7 Red Spot 19:43 <i>Sunrise 7:12 set 17:03</i>
Nov 8 <i>Third Quarter Moon</i> III TrI 17:51 I OcD 19:09	Nov 9 I Sh 17:41-19:57 I TrE 18:47	Nov 10 <i>Mercury elongation</i> Red Spot 17:14	Nov 11 North Taurids peak overnight	Nov 12 <i>Moon above Venus</i> Red Spot 18:53	Nov 13 <i>Moon between Venus and Mercury</i>	Nov 14 II ShI 19:01 II TrE 19:35 <i>Sunrise 7:21 set 16:55</i>
Nov 15 New Moon 01:07 <i>Mars stationary</i> <i>Algol minimum 23:06</i>	Nov 16 I TrI 18:30 IShI 19:36	Nov 17 RSpot 18:03 Leonids peak in Morning I EcR 19:03	Nov 18 <i>Algol 19:55</i> <i>Jupiter sets 20:41</i> <i>Saturn sets 20:59</i> <i>Mars transits 21:26</i>	Nov 19 IV TrI 17:18 <i>Moon below Jupiter and Saturn</i> Red Spot 19:42	Nov 20	Nov 21 First Quarter Moon 24:45 <i>Sunrise 7:31 set 16:48</i>
Nov 22 Red Spot 17:13	Nov 23 Lunar Straight Wall	Nov 24 I OcD 17:39 Red Spot 18:52	Nov 25 <i>Moon below Mars</i> I Tri 17:16 I ShI 18:16	Nov 26	Nov 27 <i>Moon below Uranus</i>	Nov 28 IV EcR 18:54 <i>Sunrise 7:40 set 16:44</i>
Nov 29 <i>Neptune stationary</i> Red Spot 18:02	Nov 30 <i>Full Moon 05:30</i> Penumbral eclipse II OcD 17:23	Dec 1	Dec 2 <i>Jupiter sets 19:59</i> <i>Saturn sets 20:10</i> <i>Mars transits 20:38</i>	Dec 3	Dec 4 Red Spot 17:17	Dec 5 <i>Algol minimum 24:49</i> <i>Sunrise 7:48 set 16:41</i>
Dec 6 Red Spot 18:56	Dec 7 <i>Third Quarter Moon</i>	Dec 8 <i>Algol minimum 21:38</i>	Dec 9	Dec 10	Dec 11 <i>Algol minimum 18:27</i> Red Spot 18:07	Dec 12 <i>Jupiter & Saturn $\leq 1^\circ$ apart to Dec 29</i> <i>Sunrise 7:54 set 16:41</i>

All times are Atlantic Time Zone (AST or ADT). Sunrise / Sunset times are for Saint John, NB