



October - November 2025

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 (Double Tr or Sh)



Sun	Mon	Tue	Wed	Thu	Fri	Sat
Oct 5 SNAS 20:00 <i>Moon above Saturn</i>	Oct 6 Titan shadow 02:32 at mid-transit Full Moon 24:48	Oct 7	Oct 8 <i>Venus rises 05:33 Saturn transits 24:06 Jupiter rises 24:14</i>	Oct 9 <i>Moon near Pleiades</i>	Oct 10	Oct 11 II ShI 05:05 I ShI 05:42 <i>Sunrise 7:35 set 18:45</i>
Oct 12 SNAS 20:00	Oct 13 III ShE 02:29 I Sh 00:11-02:24 <i>Q3 Moonrise near Jupiter ~24:00</i>	Oct 14 WBJAC meet 19:00 I OcR 00:58	Oct 15 <i>Algol minimum 22:30</i>	Oct 16 Moon graze/occult Regulus ~16:00 near setting	Oct 17 <i>Mercury 3° below Mars</i>	Oct 18 RASC NB AM <i>Algol minimum 19:19 Sunrise 7:44 set 18:33</i>
Oct 19 SNAS 20:00 <i>Moon near Venus Mercury below Mars Zodiacal light 2 wks</i>	Oct 20 III ShI 03:24 I ShE 04:18	Oct 21 Orionids peak am New Moon I TrE 24:02	Oct 22 <i>Venus ↑ 06:10 Mars sets 19:14 Saturn transits 23:11 Jupiter rises 23:29</i>	Oct 23 <i>Mars Mercury Moon</i>	Oct 24 <i>Moon near Antares</i> Red Spot 24:51	Oct 25 <i>Sunrise 7:54 set 18:21</i>
Oct 26 SNAS 20:00	Oct 27	Oct 28 I TrE 23:40 I ShE 24:39	Oct 29 First Quarter Moon <i>Mercury elongation</i> Red Spot 23:59	Oct 30 III EcR 24:17	Oct 31	Nov 1 SJAC meeting 19:00 <i>Sunrise 8:03 set 18:11</i>
Nov 2 SNAS 20:00 Standard Time 02:00 <i>Moon near Saturn</i>	Nov 3 Red Spot 22:10	Nov 4 I ShI 23:18 I TrI 24:30 <i>Algol minimum 23:12</i>	Nov 5 2 Sh 1:12-1:32 South Taurids peak Full Moon perigee I OcR 24:04	Nov 6 <i>Moon near Pleiades</i> III EcD 24:08 II OcR 24:54	Nov 7 <i>Algol 20:01 Venus rises 05:55 Saturn transits 21:01 Jupiter rises 21:30</i>	Nov 8 Red Spot 21:18 <i>Sunrise 7:13 set 17:02</i>
Nov 9 SNAS 20:00 <i>Mercury stationary</i>	Nov 10 R Spot 22:56 <i>Moon splits Jupiter & Pollux after midnight</i> III TrE 22:14	Nov 11 <i>Jupiter stationary</i>	Nov 12 R Spot 24:34 <i>Third quarter Moon</i> North Taurids peak <i>Mercury below Mars</i>	Nov 13 I ShE 21:54 II EcD 22:14 I TrE 23:02	Nov 14	Nov 15 Red Spot 22:03 II TrE 22:14 <i>Sunrise 7:23 set 16:54</i>

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