



October - November 2024

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 6 SNAS 20:00	Oct 7 <i>Moon 1° below Antares 17:00</i>	Oct 8 WBJAC 19:00 III EcR 23:34 I EcD 23:39 Red Spot 23:45	Oct 9 I ShE 22:59 Lunar X 21:00 <i>Jupiter stationary</i> I TrE 24:10	Oct 10 First Quarter Moon Lunar Straight Wall Algol min 24:12	Oct 11 INP 19:00 <i>Jupiter rises 21:39</i> <i>Saturn transits 23:03</i> <i>Mars rises 23:45</i>	Oct 12 <i>Venus sets 20:02</i> <i>Sunrise 7:37 set 18:43</i>
Oct 13 SNAS 20:00 Algol min 22:00 Red Spot 22:53	Oct 14 <i>Moon near Saturn</i>	Oct 15 Red Spot 24:31 Comet TA in Serpens near M5	Oct 16 <i>3 Juno conjunction</i>	Oct 17 I OcR 23:19 <i>Closest Full Moon for year—high tides next 3 days</i>	Oct 18 Red Spot 22:00 II EcD 24:12 Comet in Ophiuchus	Oct 19 RASC NB AM II TrE 22:03 <i>Sunrise 7:46 set 18:31</i>
Oct 20 SNAS 20:00 II Tr 21:27-23:57 II ShE 21:49 Red Spot 23:38	Oct 21 Orionids peak 03:00 <i>Moon near Jupiter</i>	Oct 22 <i>Jupiter rises 20:58</i> <i>Saturn transits 22:17</i> <i>Mars rises 23:29</i>	Oct 23 R Spot 21:08 <i>Moon near Pollux and Mars</i> I ShI 24:36	Oct 24 Mercury ↓ 1849 <i>Venus sets 19:57</i> Third Quarter Moon I EcD 21:55	Oct 25 I ShE 21:15 I TrE 22:13 Red Spot 22:46	Oct 26 III ShE 21:44 III TrI 23:38 <i>Sunrise 7:55 set 18:19</i>
Oct 27 SNAS 20:00 II Sh 21:54-24:25 II TrI 23:49 Red Spot 24:24	Oct 28 Red Spot 20:15	Oct 29	Oct 30 Red Spot 21:53	Oct 31 I EcD 23:49	Nov 1 R Spot 23:34 New Moon I Sh 20:58-23:08 I Tr 21:49-23:59	Nov 2 I OcR 21:20 SJAC meeting 19:00 III ShI 23:39 <i>Sunrise 8:05 set 18:09</i>
Nov 3 SNAS 20:00 Standard Time 2:00 <i>Moon near Mercury</i> II ShI 24:30	Nov 4 <i>Moon below Venus</i> Red Spot 20:03	Nov 5 S Taurids peak 03:00 Algol min 19:31 II OcR 21:44	Nov 6 <i>Mercury sets 17:46</i> <i>Venus sets 18:58</i> Red Spot 21:41	Nov 7 <i>Jupiter rises 18:51</i> <i>Saturn transits 20:12</i> <i>Mars rises 21:55</i>	Nov 8 I Sh 21:51-24:03 I TrI 22:34-24:45 Red Spot 23:19	Nov 9 I OcD 19:12 Qtr 1 / Straight Wall I OcR 22:05 <i>Sunrise 7:15 set 17:00</i>
Nov 10 SNAS 20:00 <i>Moon below Saturn</i> I TrI 19:11 Red Spot 24:57	Nov 11 Moon occult Neptune 22:29 - 23:34 Red Spot 20:48	Nov 12 <i>N Taurids peak 2:00</i> WBJAC meet 19:00 II EcD 20:14	Nov 13 III EcR 18:36 <i>11 Parthenope at opp.</i> III Oc 18:59-20:58 Red Spot 22:26	Nov 14 Red Spot 18:17 II TrE 19:06	Nov 15 I ShI 23:45 I TrI 24:18 Full Moon near Uranus and M45	Nov 16 <i>Mercury elong.</i> <i>Saturn stationary</i> <i>Uranus opposition</i> <i>Sunrise 7:24 set 16:53</i>

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

