



September - October 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
Sept 8 <i>Saturn opposition</i>	Sept 9 R Spot 24:46 <i>Mercury near Regulus</i> II EcR 24:32 II OcD 24:43	Sept 10 WBJAC meet 19:00 <i>Mars near M35</i>	Sept 11 First Quarter Moon Lunar Straight Wall	Sept 12 <i>Venus</i> ↓ 20:35 <i>Saturn rises 19:35</i> <i>Jupiter rises 23:33</i> <i>Mars rises 24:31</i>	Sept 13	Sept 14 Red Spot 23:54 <i>Sunrise 7:02 set 19:36</i>
Sept 15 SNAS 20:00	Sept 16 <i>Moon near Saturn</i> I TrE 24:09 II EcD 24:37	Sept 17 RASCNB Zoom Harvest Moon partial eclipse 23:13-24:16	Sept 18 II TrE 24:48 Perigee Moon occults Neptune 05:10-05:43 <i>High tides 3 days</i>	Sept 19 Red Spot 23:02	Sept 20 <i>Neptune opposition</i> <i>Algol minimum 23:31</i> III ShI 23:46	Sept 21 Red Spot 24:41 <i>Sunrise 7:10 set 19:22</i>
Sept 22 SNAS 20:00 <i>Moon near Pleiades</i> Equinox 09:44	Sept 23 I TrI 23:51 I ShE 24:43 <i>Algol minimum 20:19</i> <i>Moon near Jupiter</i>	Sept 24 <i>Third Quarter Moon</i>	Sept 25 <i>Moon above Mars</i> II ShE 24:41 II TrI 24:50	Sept 26 <i>Moon near Pollux</i> Red Spot 23:49	Sept 27 <i>Venus</i> ↓ 20:13 <i>Jupiter rises 22:38</i> <i>Saturn transits 24:02</i> <i>Mars rises 24:10</i>	Sept 28 Comet 2023 A3 T-A 8° Alt, 105° Az ~06:00 <i>Sunrise 7:19 set 19:09</i>
Sept 29 SNAS 20:00	Sept 30 <i>Mercury sup. conj.</i> I ShI 24:27	Oct 1 R Spot 23:00 <i>Morning zodiacal</i> <i>light next 2 weeks</i> III Oc 22:45-24:45	Oct 2 New Moon II ShI 24:48	Oct 3 Red Spot 24:38	Oct 4 II OcR 24:03	Oct 5 SJAC meeting 19:00 <i>Moon near Venus</i> <i>Sunrise 7:28 set 18:56</i>
Oct 6 SNAS 20:00	Oct 7 <i>Moon 1° below</i> <i>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 <i>Algol min 24:59</i>	Oct 11 INP 19:00 <i>Jupiter rises 21:43</i> <i>Saturn transits 23:04</i> <i>Mars rises 23:49</i>	Oct 12 <i>Venus sets 19:58</i> <i>Sunrise 7:37 set 18:43</i>
Oct 13 SNAS 20:00 <i>Algol min 22:00</i> Red Spot 22:53	Oct 14 <i>Moon near Saturn</i>	Oct 15 Red Spot 24:31 Comet TA in Serpens	Oct 16 <i>3 Juno conjunction</i>	Oct 17 I OcR 23:19 <i>Closest Full Moon</i> <i>for year—high tides</i> <i>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>

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