



# April - May 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
Apr 6 <b>SNAS 20:00</b> Mercury stationary <b>Red Spot 22:34</b>	Apr 7 Jupiter ↓ 01:02 Venus rises 05:39 Mercury rises 06:14 Mars transits 20:12	Apr 8 <b>WBJAC meet 19:00</b>  <b>Red Spot 24:13</b>	Apr 9  <b>Red Spot 20:05</b>	Apr 10  Venus stationary	Apr 11 <b>I Tr 21:34-23:46</b> <b>I ShI 22:39</b> <b>Red Spot 21:44</b>	Apr 12 <b>I EcR 22:04</b> <b>Full Puny Moon</b> near Spica Sunrise 6:43 set 20:06
Apr 13 <b>SNAS 20:00</b> Mercury and Saturn 7° below Venus <b>Red Spot 23:25</b>	Apr 14	Apr 15	Apr 16 Moon near Antares <b>Red Spot 20:56</b> <b>III ShE 22:20</b>	Apr 17  Moon trails Antares	Apr 18  <b>Red Spot 22:35</b> <b>I TrI 23:34</b>	Apr 19  Sunrise 6:31 set 20:15
Apr 20 <b>SNAS 20:00</b> Third Quarter Moon Lepus Day <b>I ShE 21:16</b>	Apr 21  Mercury elongation <b>II EcR 23:03</b>	Apr 22  <b>Lyrids peak 10:00</b> <b>RASC NB Zoom</b>	Apr 23  <b>Red Spot 21:45</b> <b>III TrE 22:28</b>	Apr 24  Moon right of Venus	Apr 25 Moon near Venus and Saturn <b>Red Spot 23:24</b>	Apr 26  <b>I OcD 22:46</b> Sunrise 6:20 set 20:24
Apr 27 <b>SNAS 20:00</b> <b>Perigee New Moon</b> extreme tides Venus brightest	Apr 28 <b>R Spot 20:55</b> <b>Astronomy Week</b> <b>Begins</b> Moon near Pleiades	Apr 29  Moon between Jupiter and Pleiades	Apr 30  Moon above Jupiter <b>Red Spot 22:38</b>	May 1 Mars ↓ 02:51 Venus rises 04:41 Mercury rises 05:35 Jupiter sets 23:48	May 2  4 Vesta opposition	May 3 Moon by Mars <b>Astronomy Day</b> <b>SJAC meeting 19:00</b> Sunrise 6:09 set 20:33
May 4 <b>SNAS 20:00</b> <b>First Quarter Moon</b> <b>Lunar X 21:00</b> Mars near M44	May 5 Mars near M44 Moon near Regulus <b>Lunar Straight Wall</b> <b>Eta Aquariids</b>	May 6  <b>Eta Aquariids peak</b> <b>00:00</b>	May 7 Neptune between Venus and Saturn <b>II ShE 22:35</b>	May 8	May 9  Moon near Spica	May 10  Sunrise 6:00 set 20:41
May 11 <b>SNAS 20:00</b> Virgo Day <b>III OcR 21:18</b> <b>III EcD 21:31</b>	May 12  <b>Full Moon</b> <b>Red Spot 22:38</b>	May 13 <b>I ShE 21:32</b> <b>WBJAC meet 19:00</b> Moon rises near Antares	May 14  3 Juno opposition	May 15 Mars ↓ 02:13 Saturn rises 04:00 Venus rises 04:16 Jupiter sets 23:06	May 16	May 17 Uranus conjunction <b>Red Spot 21:48</b> Sunrise 5:51 set 20:50

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