



September - October 2022



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
Sept 4 <i>Lunar Straight Wall</i> Red Spot 23:38	Sept 5 <i>Venus 1° left of Regulus</i> <i>Mars 10" wide</i>	Sept 6 WBJAC meet 19:00 II ShI 22:46 II TrI 23:50	Sept 7 R Spot 21:07 <i>Saturn transit 23:46</i> <i>3 Juno opposition</i> I ShI 24:36	Sept 8 I EcD 21:54 I OcR 24:34 <i>Jupiter rises 20:29</i> <i>Mars rises 23:13</i>	Sept 9 I ShE 21:19 I TrE 21:44 Red Spot 22:45 <i>Mars / Aldebaran</i>	Sept 10 SJAC meeting 19:00 Full Moon <i>Sunrise 6:56 set 19:44</i>
Sept 11 Red Spot 24:23	Sept 12 Red Spot 20:14	Sept 13 III TrE 21:10	Sept 14 Red Spot 21:52	Sept 15 II OcR 22:50 I EcD 23:49	Sept 16 R Spot 23:30 <i>Neptune opposition</i> I Sh 20:59-23:14 I Tr 21:16-23:28	Sept 17 I OcR 20:44 RASC NB 13:00 Third Quarter Moon <i>Sunrise 7:05 set 19:31</i>
Sept 18	Sept 19 Red Spot 20:59	Sept 20 <i>Algol minimum 19:58</i> III Sh 21:06-24:00 III Tr 21:54-24:26	Sept 21 R Spot 22:37 <i>Jupiter rises 19:35</i> <i>Mars rises 22:42</i> <i>Saturn transit 22:48</i>	Sept 22 Equinox 22:04 II EcD 22:22	Sept 23 I ShI 22:54 I TrI 22:59 Kouchibouquac SP <i>Mercury inf. conj.</i>	Sept 24 Kouch SP I EcD 20:12 I OcR 22:27 <i>Sunrise 7:13 set 19:17</i>
Sept 25 New Moon <i>Zodiacal light 2 wks</i> I ShE/TrE 19:38	Sept 26 <i>Jupiter opposition</i> Red Spot 21:44	Sept 27	Sept 28 Red Spot 23:22	Sept 29 <i>Alouette 1 in 1962</i> II OcD 24:52 Red Spot 19:13	Sept 30 I TrI 24:43 I ShI 24:50	Oct 1 INP observing SJAC meet TBD II ShE 22:22 <i>Sunrise 7:22 set 19:04</i>
Oct 2 Qtr 1 Moon <i>Mercury stationary</i> I Tr 19:09-21:22 I Sh 19:18-21:32	Oct 3 Lunar Straight Wall Red Spot 22:32	Oct 4	Oct 5 <i>Moon near Saturn</i> Red Spot 24:10	Oct 6 R Spot 20:02 <i>Saturn transits 21:47</i> <i>Mars rises 22:01</i> <i>Jupiter transits 24:35</i>	Oct 7 <i>Vesta stationary</i> <i>Moon near Neptune</i> <i>Algol minimum 24:52</i>	Oct 8 <i>Mercury Elong.</i> III EcR 21:58 II Sh 22:25-24:57 <i>Sunrise 7:31 set 18:51</i>
Oct 9 <i>Full Hunter's Moon</i> I Tr 20:53-23:06 I Sh 21:14-23:28	Oct 10 R Spot 23:18 <i>Algol minimum 21:41</i> II EcR 19:31 I EcR 20:43	Oct 11 WBJAC meet 19:00 Red Spot 19:09	Oct 12 Red Spot 24:56	Oct 13 Red Spot 20:47	Oct 14 <i>Moon above Mars</i>	Oct 15 III OcD 21:11 RASC NB Annual II TrI 24:03 <i>Sunrise 7:40 set 18:38</i>

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