



August - September 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
Aug 4 New Moon Mercury stationary	Aug 5 Moon near Venus and Regulus	Aug 6 7 Iris opposition 16 Psyche opposition	Aug 7 2 shadows on Jupiter 03:54 - 05:57	Aug 8 Titan OcD 24:44 Algol min 23:21	Aug 9 Mount Carleton Star Party Algol minimum 23:21	Aug 10 Mount Carleton SP Sunrise 6:20 set 20:38
Aug 11 Perseids Lunar X 19:00	Aug 12 Perseids peak First Quarter Moon Lunar Straight Wall	Aug 13 Perseids Moon near Antares	Aug 14 Mars 0.5° above Jupiter	Aug 15 Mars < 1° left of Jupiter	Aug 16 Mars ↑ 01:07 Jupiter rises 01:06 Venus sets 21:19 Saturn rises 21:25	Aug 17 Sunrise 6:28 set 20:27
Aug 18 Mercury inf. conj.	Aug 19 Full Moon	Aug 20 Vesta conj. Moon occults Chi Aqu (mag 5) just below Saturn ~ 23:00	Aug 21	Aug 22	Aug 23 INP observing 20:30	Aug 24 Sunrise 6:36 set 20:15
Aug 25 Moon rises with Pleiades 23:12	Aug 26 Ceres stationary Third Quarter Moon	Aug 27 Jupiter, Moon, Mars rise within 25 minutes starting ~24:30	Aug 28 Mercury stationary and rises 05:34	Aug 29 Venus ↓ 20:56 Saturn rises 20:29 Jupiter rises 24:23 Mars rises 24:51	Aug 30 Fundy Star Party	Aug 31 Fundy Star Party Algol minimum 21:50 Sunrise 6:45 set 20:02
Sept 1 Morning zodiacal light next 2 weeks Uranus stationary	Sept 2 New Moon II OcR 24:38	Sept 3	Sept 4	Sept 5 Mercury elongation Moon 7° L of Venus	Sept 6 INP observing 20:00 Moon occults Spica ~12:40-13:40	Sept 7 SJAC meeting 19:00 Sunrise 6:53 set 19:49
Sept 8 Saturn opposition	Sept 9 R Spot 24:46 Mercury near Regulus II EcR 24:32 II OcD 24:43	Sept 10 Mars near M35	Sept 11 First Quarter Moon Lunar Straight Wall	Sept 12 Venus ↓ 20:35 Saturn rises 19:35 Jupiter rises 23:33 Mars rises 24:31	Sept 13	Sept 14 Red Spot 23:54 Sunrise 7:02 set 19:36

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