



June –July 2021



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
June 6 3 Juno opposition	June 7 Moon below Uranus	June 8 WBJAC meet 19:00	June 9	June 10 New Moon Partial solar eclipse 05:38 to 07:37 Mercury inf. conj.	June 11 Moon near Venus	June 12 Sunrise 5:35 set 21:12
June 13 Moon above Mars	June 14 Méchain discovers M63 in 1779	June 15	June 16 Venus ↓22:47 Mars sets 23:38 Saturn rises 23:55 Jupiter rises 24:43	June 17 First Quarter 24:54	June 18 Lunar Straight Wall II Ec IV 2:36-2:55 IV OcD 04:33	June 19 I OcR 24:58 Sunrise 5:36 set 21:15
June 20	June 21 Solstice 00:32 Jupiter stationary I Ec II 03:13-03:17	June 22 Mercury stationary Red Spot 24:33	June 23 Mars in M44	June 24 Full Moon	June 25 2 shadows overnight IV ShI 24:35 I Sh 02:03-04:21	June 26 RASC NB 13:00 Neptune stationary Sunrise 5:38 set 21:16
June 27 Moon below Saturn	June 28 Midnight Moonrise below Jupiter	June 29 Venus ↓22:49 Saturn rises 23:02 Mars sets 23:10 Jupiter rises 23:52	June 30 Asteroid Day Tunguska boom 1908	July 1 Third Quarter Moon D/1770 L1 Lexell closest comet known	July 2	July 3 SJAC meeting 19:00 Sunrise 5:41 set 21:15
July 4 R Spot 24:29 I ShE 24:44 Mercury elongation M1 supernova 1054	July 5 Earth aphelion 19:27	July 6	July 7	July 8 Moon L of Mercury	July 9 New Moon 22:16 Red Spot 23:37	July 10 II ShI 23:25 Sunrise 5:46 set 21:12
July 11 Mars-Venus-Moon I ShI 24:20	July 12 IV ShI 23:30 I OcR 24:47	July 13 Mars below Venus	July 14 Saturn ↑22:13 Mars sets 22:34 Venus sets 22:39 Jupiter rises 23:04	July 15	July 16 R Spot 24:22 Lunar X 18:00 Shoemaker-Levy IX hits Jupiter 1994	July 17 Q1 Moon Lunar Straight Wall III ShE 23:17 Sunrise 5:53 set 21:07

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