



January - February 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
Jan 5 SNAS 20:00 Red Spot 21:03	Jan 6 First Quarter Moon II Tr 21:26-23:57 II ShI 22:53	Jan 7 Lunar Straight Wall Algol minimum 21:31 Red Spot 22:41	Jan 8 R Spot 18:32 Venus sets 21:04 II EcR 19:44 I OcD 22:39	Jan 9 Moon in M45 I Tr 19:47-21:59 I Sh 20:35-22:47 III Oc 21:17-23:26	Jan 10 I EcR 20:07 Venus elongation Red Spot 20:10 Moon near Jupiter	Jan 11 Mars ↑ 17:06 Jupiter transit 21:41 Saturn sets 21:40 Sunrise 8:01 set 17:03
Jan 12 SNAS 20:00 Mars nearest Earth Red Spot 21:49	Jan 13 R Spot 17:40 Full Moon occults Mars ~22:38-23:38 II TrI 23:45	Jan 14 WBJAC meet 19:00 Mercury rises 07:08 Red Spot 23:27	Jan 15 Mars opposition II Oc/Ec 17:55-22:22 Red Spot 19:18	Jan 16 III OcD 24:45 I Tr 21:35-23:46 I Sh 22:30-24:42 Venus <3° R Saturn	Jan 17 I OcD 18:53 Red Spot 20:57 I EcR 22:02	Jan 18 I TrE 18:13 Mars-Pollux-Castor I ShE 19:11 Sunrise 7:57 set 17:12
Jan 19 SNAS 20:00 Red Spot 22:35	Jan 20 III Sh 18:37-20:56 Red Spot 18:26	Jan 21 R Spot 24:13 RASCNB Zoom 19:00 Third Quarter Moon near Spica	Jan 22 Red Spot 20:05 II OcD 20:19	Jan 23 I TrI 23:24 I ShI 24:26	Jan 24 R Spot 21:43 II TrE 17:50 II ShE 19:56 I Oc/Ec 20:42-23:57	Jan 25 R Spot 17:35 I Tr 17:51-20:02 I sh 18:55-21:07 Sunrise 7:51 set 17:21
Jan 26 SNAS 20:00 I EcR 18:26 Red Spot 23:22	Jan 27 R Spot 19:13 III Tr 18:15-20:27 III Sh 22:38-24:58 Algol minimum 23:17	Jan 28 Saturn ↓ 20:41 Jupiter transits 20:30 Venus sets 21:31 Mars transits 23:26	Jan 29 New Moon Red Spot 20:52 II OcD 22:44	Jan 30 Uranus stationary Algol min 20:06	Jan 31 I OcD 22:31 Moon below Saturn II Tr 17:43-20:15 II Sh 19:57-22:32	Feb 1 SJAC 19:00 I Tr 19:41-21:53 I Sh 20:50-23:02 Sunrise 7:44 set 17:31
Feb 2 SNAS 20:00 I EcR 20:21 Red Spot 24:09	Feb 3 Red Spot 20:00 III Tr 21:56-24:10	Feb 4 Jupiter stationary	Feb 5 First Quarter Moon nearing Pleiades Red Spot 21:39	Feb 6 Moon near Jupiter Lunar Straight Wall Red Spot 17:30	Feb 7 I OcD 24:22 III Ec R 18:51 II Tr 20:11-22:43 II Sh 22:33-01:08	Feb 8 R Spot 19:09 I Tr 21:33-23:44 I Sh 22:46-24:58 Sunrise 7:35 set 17:42
Feb 9 II EcR 19:36 Mercury inf. conj. Mars OcR 14:45 Az 54° Alt 3°	Feb 10 I TrE 18:13 I ShE 19:27 Red Spot 20:48	Feb 11 WBJAC meet 19:00 Saturn sets 19:55 Venus sets 21:33	Feb 12 Full Moon Red Spot 22:27 Jupiter transits 19:31 Mars transits 22:11	Feb 13 Red Spot 18:18	Feb 14 II TrE 22:40 Venus brightest Zodiacal light 2 wks III Ec 20:28-22:53	Feb 15 R Spot 19:57 I TrI 23:26 ShI 24:42 Sunrise 7:25 set 17:52

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