



July-August 2017

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
July 9 Full Moon III ShE 21:29	July 10 Red Spot 21:39	July 11 I OcD 23:13	July 12 R Spot 23:18 I Sh 21:41-23:51 I TrE 22:37 II OcD 22:48	July 13 I EcR 21:10 Mercury sets 22:21 Saturn transits 23:22 Jupiter sets 24:39	July 14 Venus near Aldebaran II ShE 22:38 Red Spot 24:57	July 15 Red Spot 20:48 Sunrise 5:51 set 21:08
July 16 Third Quarter Moon III ShI 23:17	July 17 Red Spot 22:27	July 18	July 19 I Tr 22:22-24:33 I ShI 23:36	July 20 Moon near Venus I EcR 23:06	July 21 II TrE 22:50 II ShI 22:53	July 22 Red Spot 21:37 Sunrise 5:58 set 21:02
July 23 New Moon III TrI 22:08	July 24 Red Spot 23:16	July 25 Mercury below Regulus	July 26 Mars conjunct Mercury sets 22:02 Saturn transits 22:28 Jupiter sets 23:47	July 27 R Spot 20:47 S δ Aquariids peak I OcD 21:36 I ECR 24:59	July 28 Moon near Jupiter I ShE 22:09 II TrI 23:02	July 29 Mactaquac SP Nat. SP: INP 21:00 Red Spot 22:26 Sunrise 6:05 set 20:55
July 30 Mercury elongation First Quarter Moon II EcR 22:11	July 31 Lunar Straight Wall	Aug 1	Aug 2 Moon near Saturn	Aug 3 Uranus stationary III EcD 21:30 Red Spot 21:36	Aug 4 I Tr 20:46-22:57 I ShI 21:54	Aug 5 R Spot 23:15 SJAC meeting 19:00 I EcR 21:25 Sunrise 6:13 set 20:45
Aug 6	Aug 7 Full Moon	Aug 8 Red Spot 20:45	Aug 9 Moon near Neptune	Aug 10 III OcD 20:49 Mercury sets 21:10 Jupiter sets 22:53 Red Spot 22:24	Aug 11 Mount Carleton Star Party Weekend	Aug 12 Perseids peak 16:00 Mercury stationary Sunrise 6:22 set 20:35
Aug 13	Aug 14 Third Quarter Moon	Aug 15 Red Spot 21:34 II ShE 22:24	Aug 16 Moon near Aldebaran	Aug 17	Aug 18	Aug 19 Moon near Venus Sunrise 6:30 set 20:24