

# The Sky This Month

# Mar-Apr 2020

Mon	Tue	Wed	Thu	Fri	Sat	Sun	
Visible at 1x power. Best in binoculars. Haul out the telescope. Try a photo! Video record session. Rockets and satellites.		1	2	3	4	5	
! Venus passes through Pleiades star cluster aka Messier 45							
		first quarter Moon Mars moves into Capricornus sunset 7:47 PM twilight ends 9:25 PM	twilight begins 5:17 AM sunrise 6:54 AM first photo of Sun (1845) Moon near Beehive	! Venus in Pleiades Juno opposition Mercury near Neptune ISS evening flyovers... continue to 8th	ISS crosses Moon narrow band over GTA double stars easily seen in bright sky	UK Space Agency opened in April 2010	
6	7	8	9	10	11	12	
CRS-20 Dragon returns from ISS	full Moon Jupiter events (morning): Callisto emerges from eclipse Ganymede transits Great Red Spot transits	Mars autumnal equinox	! Mars equidistant from Saturn, like Jupiter		50th anniversary of Apollo 13 launch	Jupiter events (morning) Yuri Gagarin's launch anniversary (1961)	
			Soyuz crew launch to ISS	duck: 2019 HM near Earth Moon occults Jabbar			
13	14	15	16	17	18	19	
brightening comets: C/2017 T2 in Cas/Cam C/2019 Y1 in Cas/Cep C/2019 Y4 in Cam Globe at Night campaign runs 14-23... ↓	! Moon with planet trio (morning)		asteroid Leda occultation Moon near Pluto telescope introduced (1611) third quarter Moon	! Moon near Saturn (morning) RASC speaker's night webcast on YouTube	Lyrid meteor shower runs to 25th dwarf planet Haumea opposition (49 AU) Moon near Mars (morning)	asteroid 15092 Beegees near Earth (2 AU) crew expedition 62 depart ISS	March was best for the Messier Marathon but you could try again! η (eta) Aquarid meteor shower to May 28 η (eta) Aquarid meteors peak in May...
20	21	22	23	24	25	26	
Visit <a href="http://www.globeatnight.org">www.globeatnight.org</a> for info and charts. This month we use Leo. Help gauge light pollution in your backyard.	Moon near Mercury ! Lyrids peak at 9:00 PM	1st Canadian spacewalk (2001) Earth Day new Moon		very young Moon at dusk ISS morning flyovers start up tomorrow...	cargo launch to ISS HST deployed in orbit (1990) Moon grazes Ain aka ε (epsilon) Tau young Moon near Aldebaran	daytime experiment: see Venus, use Moon Moon near Venus Moon near Vesta	
27	28	29	30	See pgs 104-105 of 2020 RASC <i>Observer's Handbook</i> for more astro info. See pgs 22-23 of Mar-Apr <i>SkyNews</i> magazine for more astro info and chart. All events in evening unless otherwise. ISS = International Space Station. See <a href="http://heavens-above.com">heavens-above.com</a> for pass info. HST = Hubble Space Telescope. Visit <a href="http://rascto.ca">rascto.ca</a> for lots of astronomical and telescope information. Visit <a href="http://youtube.com/rasctortonto/">youtube.com/rasctortonto/</a> for fun and informative videos.			
Jupiter events (morning) Moon near Messier 35 Venus at max brightness ! Venus 37" in diameter Venus at mag -4.7	Do you have better than 20-20 vision? << Can you see the crescent of Venus?!	duck: 52768 near Earth Lunar X sunset 8:22 PM twilight ends 10:13 PM	twilight begins 4:16 AM sunrise 6:07 AM first quarter Moon (again) Moon near Beehive Venus 39" in diameter				