

The Sky This Month

Jul - Aug 2014

Mon	Tue	Wed	Thu	Fri	Sat	Sun	
 Visible at 1x power.  Best in binoculars.  Cool down the telescope.  Photo op!  Record an occultation.  ** Double star target.		 9 Mars near Spica til Jul 20 asteroid Confucius close Moon near Antares recreational meeting Sun rise 4:33 set 20:50 PHA 2013 AG69 close	 10 ESA Rosetta comet probe weekly imaging tests begin til Aug 6 Vesta very near Ceres but separating	   11 Mercury within 7° of Venus til Jul 20 (am) check out double stars! DDO family night	   12 full Moon Mercury greatest sep. (am) s. δ Aqr meteors start Mars nearest Spica Neptune's birthday DDO star talk (Seager)	   13 Mars still near Spica Moon very near β Cap Mercury brightening (am) Orbital Science Antares launch to ISS on Monday!	
 14	    15 α Cap meteors start comet C/2012 K1 fades... Mars recedes from Spica Moon near Neptune Mercury near M35 (am) Mercury near Venus (am)	 16 comet Shoemaker-Levy 9 impacted Jupiter (1994) do citizen science!	   17 Perseid meteors starts PHA 2011 PU1 close Mercury brightens to magnitude 0 (am) Mercury near Tejat and Probus (am)	    18 3rd quarter Moon Mississauga meeting Vesta 1° from Ceres check out variable stars!	  19 CAO summer work party - cancelled... CAO locker build - 2 of 2! DDO star talk (Percy)	   20 Apollo 11 landing on Moon (1969) Saturn stops retrograde motion Venus near M35 (am)	
 21 dark sky observing † Saturn stationary Moon near Pleiades (am) Venus near Tejat and Probus (am)	 22 dark sky observing † Roscosmos Progress deorbiting from ISS Moon near Aldebaran (am) Uranus stationary	 23 dark sky observing † Roscosmos Progress 56 to ISS Vesta 1.5° from Ceres Uranus begins retrograde motion	 24 dark sky observing † Moon near Venus and Mercury (am)	   25 ESA ATV 5 to ISS Moon near Mercury and Venus (am) DDO family night	  26 Stargazing Manitoulin new Moon CAO Star-BQ members open house DDO star talk (Delany)	 27 check out deep sky objects! and check out dark nebulae!	
 28 Moon near Regulus	  29 South δ Aquarid meteor shower peak Vesta 2° from Ceres	30 ISS = International Space Station	 31 check out Moon, if you have to	   1 ESA Rosetta probe due at comet 67P/ Churyumov- Gerasimenko DDO family night	  2 Moon near Ceres & Vesta Moon near Mars, west PHA 2002 JN97 close	   3 1st quarter Moon Moon near Mars, east Moon near Saturn	
 4 Simcoe Day check out red stars!	  5 asteroid Hitchcock close city observing † Mississauga observing	  6 recreational meeting Sun rise 5:10 set 20:14 Rosetta's orbit insertion to comet	Calendar updated slightly after 9 Jul meeting. See pgs 110-113 of 2014 RASC Observer's Handbook for more astro event info. All events in evening unless otherwise noted with (am). † Dark Sky, City Observing Sessions are run on first clear night during week . See http://aerith.net and http://cometchasing.skyhound.com for current comet info. Measure light pollution with Globe at Night from Jul 16-25. http://www.globeatnight.org				