

The Sky This Month

Jul 2012

Mon	Tue	Wed	Thu	Fri	Sat	Sun
Visible at 1x power. Best in binoculars. Cool down the telescope. Photo op! Record the event. Double star target.		Earth at aphelion - brrr recreational astronomy meeting Mars Pathfinder landing (1997)	NASA SUMI probe launch asteroid Misterogers in the neighbourhood comet C/2011 F1 LINEAR starts month in Canes Venatici at mag 11.4	asteroid 20 Massalia opposite Sun from Earth Newton's Principia published (1687) Venus in-line with Aldebaran & Jupiter (am)	solar observing (am) Moon near Neptune Mars Rover Opportunity launched (2003) DDO Star Talk	Shoemaker-Levy 9 comet breakup (1992) Venus near Jupiter (am)
Venus near Aldebaran (am)	3rd quarter Moon Moon near Uranus (am) Vesta near λ Tauri (am)		Venus at max. brightness South δ Aquarid meteor shower begins; continues to Aug 23	Ceres near $\delta 2$ Tau (am) Uranus stationary; begins retrograde motion tomorrow Moon below Aries (am)	Moon, Jupiter, Venus, Pleiades, Hyades, etc.! (am) double moon shadows on Jupiter (am) Mercury stationary Soyuz launch to ISS DDO Star Talk	Dark Attack 1-week conference begins α Capricornid meteor shower begins; continues to Sep 11
Moon near ζ Tau dark sky observing †	old Moon (am) dark sky observing † Perseid meteor shower begins; continues to Aug 24	very old Moon (am) dark sky observing †	new Moon dark sky observing † Juno stationary asteroid Rowanatkinson close to Earth	Moon near Mercury Apollo 11 landing on Moon (1969) HTV launch to ISS	CAO summer work party Stargazing Manitoulin star party	asteroid 2002 AM31 close to Earth (1 km in size)
city observing †	city observing † Moon near Mars, Saturn, and Spica	city observing † comet C/2011 F1 LINEAR moves into Boötes	city observing † Lunar Straight Wall 1st quarter Moon	asteroid Robinwilliams close to Earth	Moon near Antares asteroid Chuckjones close to Earth DDO Star Talk	South δ Aquarid meteor shower peak
Jupiter near Aldebaran double moon shadows on Jupiter (am) Dunlap instrumentation summer school begins; continues to Aug 3	Progress launch to ISS colourful double stars ζ 2 CrB and 11 Aql 31 Cyg and λ Ari	full Moon recreational astronomy meeting α Capricornid meteor shower peak	<p>See pgs 104-105 of 2012 RASC Observer's Handbook for more astro event info. All events in evening unless otherwise noted with (am). † Dark Sky and City Observing Sessions are run on first clear night during week. Watch for noctilucent clouds in July.</p>			