

## Astronomical & Space Events for March 2012

- 01 THRS Asteroid Eros @ opposition, 4 AM EST  
[Asteroid 2012 DS32 Near-Earth Flyby](#) (0.005 AU); [Asteroid 2012 DN31 Near-Earth Flyby](#) (0.021 AU)  
 30th Anniversary (1982), [Venera 13](#), Venus Landing/Flyby (USSR)
- 02 FRI [Asteroid 2012 DR32 Near-Earth Flyby](#) (0.022 AU)  
 40th Anniversary (1972), [Pioneer 10](#) Launch (Jupiter Flyby Mission)
- 03 SAT **TAS Free Planetarium Show @ CLC, 10 AM EST**; [Mars At Opposition](#), 3 PM EST  
 Mars brightest (mag. -1.2) and largest (13.9" across) since February 2010
- 04 SUN [Asteroid 2012 DZ13 Near-Earth Flyby](#) (0.033 AU)
- 05 MON [Mercury](#) @ greatest eastern [Elongation](#) (180), 5 AM EST  
 Mars closest to Earth this year (62.6 million miles away) @ noon EST  
 30th Anniversary (1982), [Venera 14](#), Venus Landing/Flyby (USSR)  
[Gerard Mercator's](#) 500th Birthday (1512)
- 06 TUES **Mag Lab Science Café @ Steel City, 6:15 PM, Science and the Woolly Rhino** [Yang Wang, FSU](#)  
[Mercury](#) Passes 3 Degrees From [Uranus](#)  
[Asteroid 2008 EJ85 Near-Earth Flyby](#) (0.024 AU)  
[Gordon Cooper's](#) 85th Birthday (1927); [Joseph Fraunhofer's](#) 225th Birthday (1787)
- 07 WED [Henry Draper's](#) 175th Birthday (1837); [John Herschel's](#) 220th Birthday (1792)
- 08 THRS Moon 10° S of Mars @ 1 AM EST; Full Moon @ 4:39 AM EST  
 35th Anniversary (1977), [Discovery of Uranus' Rings](#)
- 09 FRI
- 10 SAT Moon @ perigee (225,185 miles from Earth), 5:00 AM EST  
[Asteroid 2012 DP32 Near-Earth Flyby](#) (0.036 AU)
- 11 SUN Moon 6° S of Saturn @ 2 AM EST; Mercury stationary @ 5 PM EDT  
 Asteroid Astraea @ opposition, 8 PM EDT; [Daylight Saving](#) - Set Clock Ahead 1 Hour (US)
- 12 MON
- 13 TUES **13 – 22 [Globe at Night](#)**
- 14 WED Last Quarter Moon @ 9:25 PM EDT
- 15 THRS **TSS & FSU Physics Dept. Lannutti Lecture by Dr. Pier Oddone, Director of the Fermilab on the  
 Mysteries of Neutrinos, 3:45 PM at the Undergraduate Physics Lecture Hall**  
 Venus 3° N of Jupiter @ 7 AM EDT
- 16 FRI 50th Anniversary (1962), [1st Titan 2 Rocket Launch](#)
- 17 SAT
- 18 SUN
- 19 MON **TAS General Meeting @ CLC, 6:30 PM EDT**
- 20 TUES [Vernal Equinox](#) @ 1:14 AM EDT; Moon 6° N of Neptune @ 3 AM EDT  
 Asteroid Flora @ opposition, 5 AM EDT
- 21 WED Mercury in inferior conjunction @ 3 PM EDT
- 22 THRS **TSS Horizons Lecture, Gulf WWII Shipwrecks, Thomas C. Shirley, Texas A&M, 7 PM @ CLC**  
 New Moon @ 10:37 AM EDT  
[Asteroid 2010 FR9 Near-Earth Flyby](#) (0.048 AU); [Georgia Sky View 2012](#), near Jackson, Georgia  
 30th Anniversary (1982), [STS-3 Launch](#), Space Shuttle Columbia
- 23 FRI **TAS Observing this Weekend (check website)**  
[Wernher von Braun's](#) 100th Birthday (1912)
- 24 SAT Uranus in conjunction with the Sun @ 2 PM EDT
- 25 SUN Moon 3° N of Jupiter @ 8 PM EDT
- 26 MON Moon @ apogee (252,138 miles from Earth), 2:03 AM EDT  
 Moon 1.8° S of Venus @ 2 PM EDT
- 27 TUES Venus @ greatest eastern [Elongation](#) (46°), 4 AM EDT  
 Asteroid Juno stationary @ 7 AM EDT
- 28 WED
- 29 THRS
- 30 FRI First Quarter Moon @ 3:41 PM EDT

Blue=Links; **Green=TAS Events**; **Red=Local Science Events**