



nomical Society of Greenwich

Bruce Museum

One Museum Drive

Greenwich, CT 06830

(203) 413-6762

GreenwichStars@gmail.com

anneburns@brucemuseum.org

<http://www.seocom.com/asg/>

July 2014

Monthly Meeting

Monthly meetings resume in fall:

September 3

October 1

November 12

(Please note change from November 5)

Bowman Observatory Public Nights

(Weather Permitting)

**The Bowman Observatory is temporarily closed for installation of our new 16' telescope.
We'll keep you posted on its progress!**

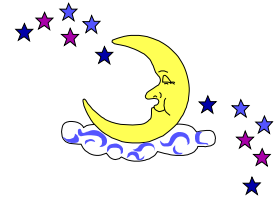
**In the meantime, consider a visit to the Stamford Observatory, which is open every
Friday, 8-10 PM, and operated by ASG members Bill Bambrick and Rick Bria.**

<http://www.stamford-observatory.com/>



Lunacy

July	5	<i>First Quarter</i> Moon passes Mars
	7	Moon passes Saturn
	11	Moon passes Pluto
	12	<i>Full Moon</i> – “Buck Moon”
	13	Moon at perigee (222,612 miles from Earth)
	15	Moon passes Neptune
	18	<i>Last Quarter</i> Moon passes Uranus
	24	Moon passes Venus
	25	Moon passes Mercury
	26	<i>New Moon</i> passes Jupiter
	27	Moon at apogee (252,629 miles from Earth)



News of the Worlds

Earth reaches *aphelion*, its farthest point from the Sun (94.5 million miles) on July 3.

Pluto (mag.14.1) reaches opposition on July 4, in *Sagittarius*.

Jupiter disappears behind the sun, reaching conjunction on July 24 and popping up in the morning sky next month.

Mars (mag. 0.0) hangs on in *Virgo*, in the evening sky, setting around 12:50 AM. Our red planet gradually approaches the constellation’s brightest star, *Spica* (mag.1) during July; the crescent Moon passes between them on the 5th.

Rising and setting about 2 hours later, **Saturn** (mag.0.4) easily outshines all the stars of its host constellation, *Libra*, and will gradually approach Mars. The two finally meet in late August.

Neptune (mag.7.8) rises around midnight in *Aquarius*. **Uranus** (mag.5.8) follows about 90 minutes later, in *Pisces*. You may be able to find it with binoculars about 2° south of *Epsilon Piscium*, which lies in the southern part of the constellation.

You won’t need binocs to see **Venus** (mag.-3.8), which rises around 3:15 AM in *Taurus* at the beginning of July and moves into *Gemini* by the end. Our brightest planet is joined in the pre-dawn sky by **Mercury** (mag. 0.4), which reaches greatest elongation (21° west of the Sun) on July 12. Our innermost planet lies just below Venus through the 17th.

Comet PANSTARRS (C2012 K1) makes its way through *Leo* during the first half of July. Look for this mag. 7 object moving past the “sickle” asterism that forms the Lion’s mane.

