



**nomical Society of Greenwich**

**Bruce Museum**

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**September 2014**

**Monthly Meeting**

**Wednesday, September 3, 7:30 PM**

**Annual Meeting**

Business meeting – Treasurer's report

Progress report on the Bowman Observatory

Discussion of options for future meetings

**This is an important meeting concerning the future of the ASG and we hope that as many members as possible will attend.**

**Bowman Observatory Public Nights  
(Weather Permitting)**

**Work continues on the renovation. The new concrete pier has been poured and we are presently working on mounting the new telescope.**

**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/>

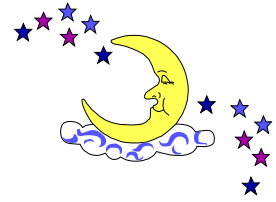


**Volunteers needed!**

On **Sunday, September 14**, we will be doing a Star party at Wee Burn Country Club in Darien. We need ASG members to come with scopes, binocs, star maps (and apps!), etc., to show WBCC members the stars and planets visible that evening. Barbecue dinner is included for all helpers. If you can come and help, please contact Anne Burns at the phone number or email above.

## Lunacy

September	2	<i>First Quarter</i>
	7	Moon at perigee (222,692 miles from Earth)
	8	<i>Full Moon</i> – “Harvest Moon” – passes <b>Neptune</b> . This is the third “super moon” of the summer. It won’t be as spectacular as the last one, since the perigee is now a day before the full Moon (rather than on the same day, as it was in August) and almost a thousand miles farther from Earth than last month’s.
	10	Moon passes <b>Uranus</b>
	15	<i>Last Quarter</i>
	20	Moon, at apogee (252,180 miles from Earth), passes <b>Jupiter</b>
	23	Moon passes <b>Venus</b>
	24	<i>New Moon</i>
	26	Moon passes <b>Mercury</b>
	27	Moon passes <b>Saturn</b>
	29	Moon passes <b>Mars</b>



## News of the Worlds

**Mercury** (mag.0) visits the early-evening sky this month. Our innermost planet reaches greatest elongation (21° east of the Sun) on the 21<sup>st</sup>, but never gets much higher than 3° (that’s about 6 full-moon diameters) above the horizon. Look for it near a slender crescent Moon on September 26.

Next comes **Saturn** (mag.0.6), in *Libra*. The ringed planet meets the crescent Moon on September 27. On the same evening **Mars** (also mag.0.6), which moves from *Libra* to *Scorpius* on the 13<sup>th</sup>, passes *Antares*. This red supergiant was named the “rival of Mars” by the ancients (Anti + Ares, the Greek name for Mars), because of their similar red-orange color. That evening, you can easily compare the two!

**Neptune** (mag.7.8), in *Aquarius*, and **Uranus** (mag. 5.7) in *Pisces*, are high in the southern sky at midnight. Above them lies the Great Square of *Pegasus*. **Asteroid 12 Victoria** (mag. 9) makes its way through this constellation during September, reaching opposition on the 8<sup>th</sup>.

**Jupiter** (mag. -1.8) starts September with a 4 AM rising, advancing westward to a 3 AM rising by month’s end. Meanwhile, our other early-morning planet, **Venus** (mag. -3.9), is heading eastward toward the rising Sun. This month our brightest planet will rise between 5 and 6 AM – our last chance to see it before it disappears behind the Sun next month.

**Autumnal Equinox** occurs at 10:29 PM on September 22.

