



Steve Siedentop M51 300sec.ES ED127 T3i



“WHAT’S UP”

A presentation of “what’s up” in the
night sky



This Month's Sky: May 2013

- **Our Solar System Tonight**
- **May Astro Events**
- **Target List**
- **Gee Whiz Question of the Month**



Our Solar System Tonight

| | Rises | Sets |
|---------|------------|------------|
| Sun | 6:36 a.m. | 8:26 p.m. |
| Moon | 7:45 a.m. | 10:04 p.m. |
| Mercury | 6:37 a.m. | 8:52 p.m. |
| Venus | 7:17 a.m. | 9:20 p.m. |
| Mars | 6:22 a.m. | 7:57 p.m. |
| Jupiter | 8:25 a.m. | 10:38 a.m. |
| Saturn | 7:06 p.m. | 6:13 a.m. |
| Uranus | 4:46 a.m. | 5:09 p.m. |
| Neptune | 3:12 a.m. | 2:21 p.m. |
| Pluto | 11:55 p.m. | 10:13 a.m. |



MayAstro Events

- **PANSTARRS still hanging around**
- **Enter Comet Lemmon**
- **Did the moon grow**
- **A Planetary Meeting**
- **Jupiter/Venus Conjunction**



Path of PANSTARRS



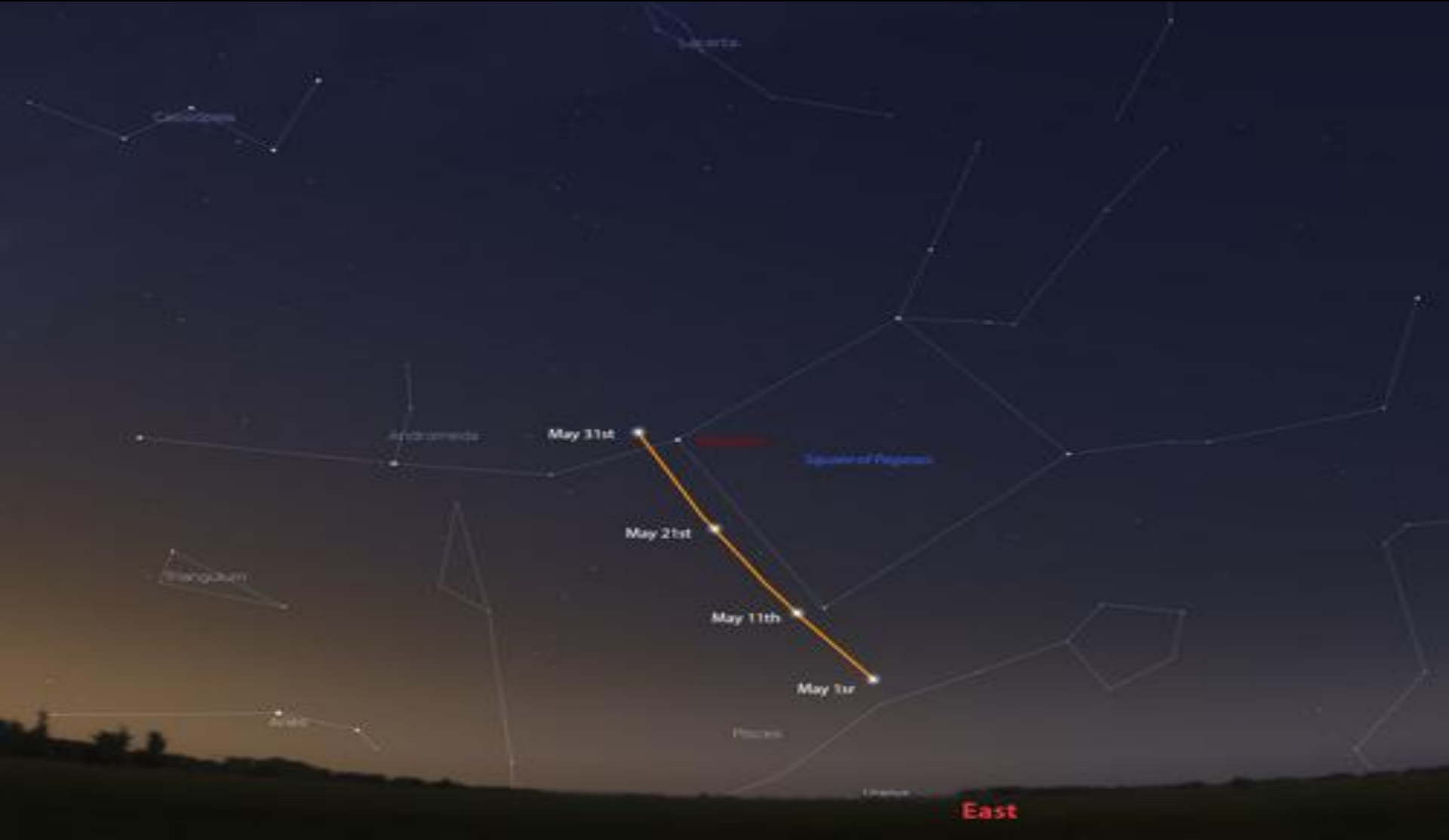


Enter Comet Lemmon

Comet Lemmon enters our northern skies moving up to the left of the square of Pegasus with a predicted magnitude of +6.5. It can be spotted in the pre-dawn sky but will most likely be lost in the Sun's glare until later in the month when it will be seen against a darker sky. By this time; however, its magnitude will have dropped to +8. On the 11th it will lie just to the left of the lower left star of the great square moving northwards



Enter Comet Lemmon





Did the Moon Grow?

As the Moon rises in the late evening of the 24th, it will be close to perigee (its closest distance to the Earth). During this time, the Moon's diameter will be 12% greater than when at apogee and will appear very large and bright as it rises above the horizon.



Moon at Perigee

The Full Moon at Perigee and Apogee



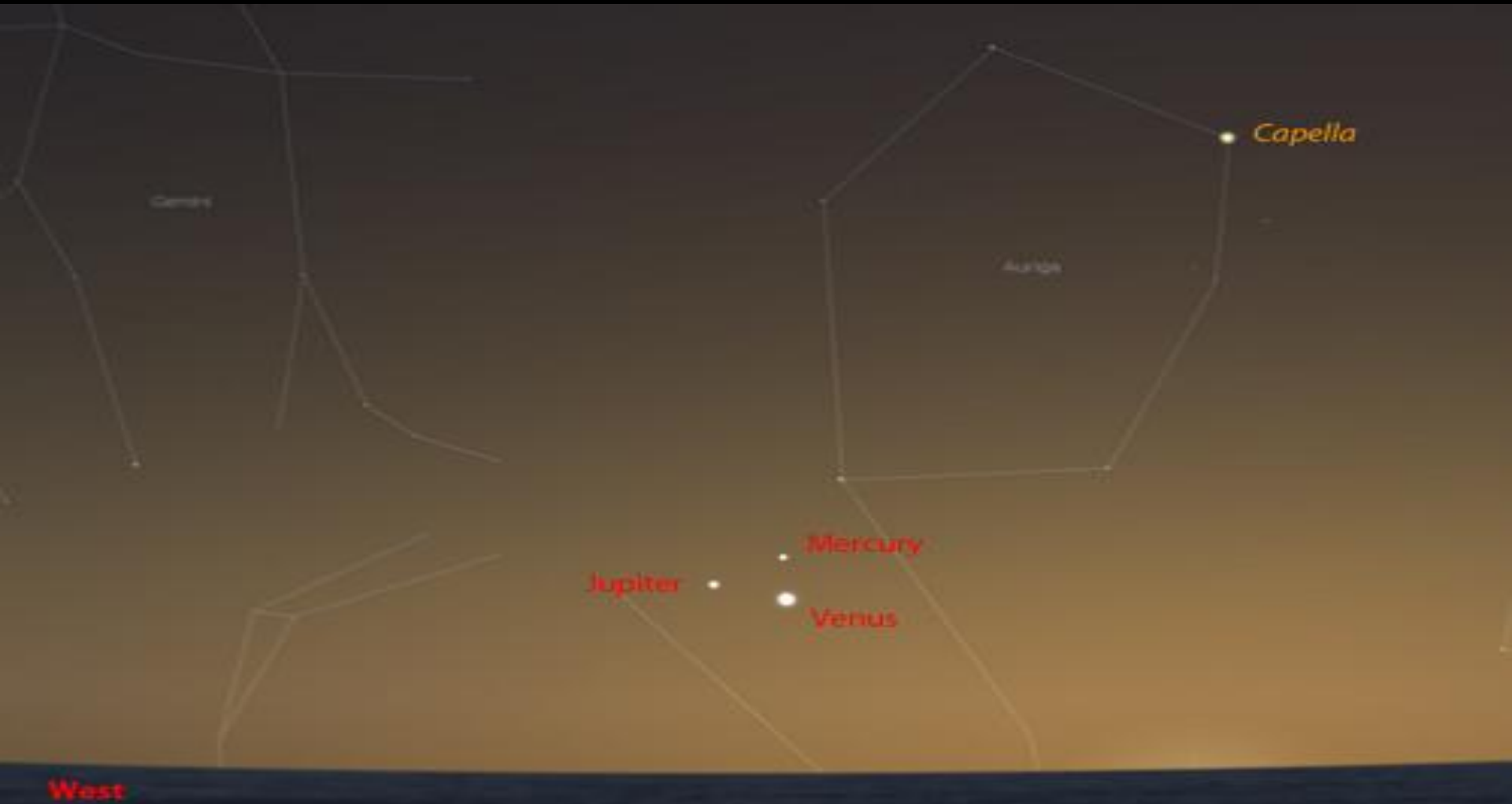
Perigee



Apogee



A Planetary Meeting





Target List

| Object (Asterism) | Type | Mag | Constellation |
|------------------------------|----------|--------|---------------|
| Cassiopeia's Chair | Asterism | 2-4 | Casiopeia |
| Kite (a.k.a- Ice Cream Cone) | Asterism | -1.5-5 | Bootes |
| Fishhook | Asterism | | Scorpius |
| Summer Triangle | Asterism | 1-3 | Cygnus |
| Northern Cross | Asterism | 1-3 | Cygnus |



Charlie Elliott Chapter of the Atlanta Astronomy Club

Gee Whiz Question of the Month

The United States have approximately 3,500 astronomers. How many astrologers do we have?



Charlie Elliott Chapter of the Atlanta Astronomy Club

Gee Whiz Question of the Month

15,000



Useful Websites

- Stellarium for Windows
- Mobile Planetarium for Android
- SkySafari for Android
- <http://www.skyandtelescope.com>
- <http://www.sciensational.com/astronomy.html>



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