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# Charlottesville Astronomical Society



May 2015



# Tonight's speaker was...

June

Wednesday, June 3



**Craig Sarazin, Professor of Astronomy UVa**  
*Author, X-ray Emission from Clusters of Galaxies*

# Guests



# New Members

Marilyn Kozak



# Club Business

- For membership, see Mike Hegedus, Treasurer
- Current membership: 86
- Checking account & Cash on Hand: \$4,531.34
- See Mike Hegedus for information on discounted subscriptions to Astronomy and Sky and Telescope



# Club Scopes

- Club Scopes available for use by members <http://cvilleastro.com/club-telescopes-available-for-club-member-use/>
- See Wes Epperly for information



# Chaco Canyon

- Larry Saunders





# Chaco Canyon

























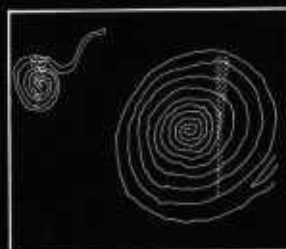












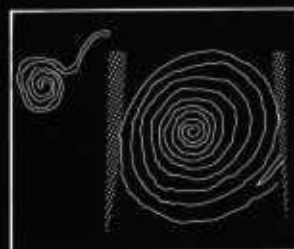
$0^\circ$

EQUINOX OR MID-POSITION  
OF THE SOLAR/LUNAR CYCLES



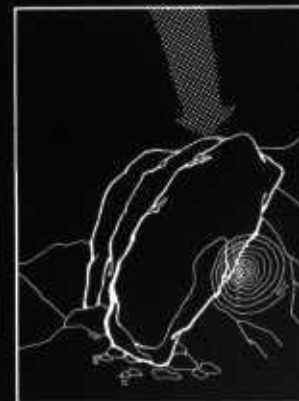
$+23.6^\circ$

SUMMER SOLSTICE

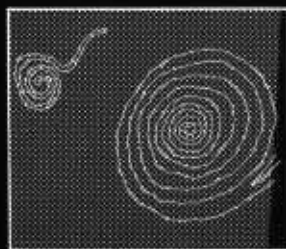


$-23.6^\circ$

WINTER SOLSTICE

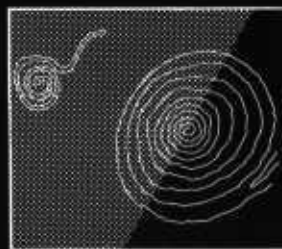


### Solar markings at midday



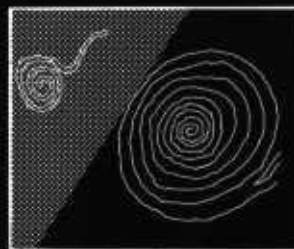
$0^\circ$

EQUINOX OR MID-POSITION  
OF THE SOLAR/LUNAR CYCLES



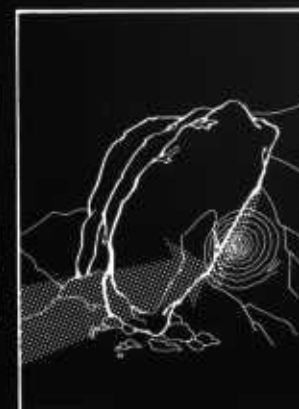
$+18.4^\circ$

MINOR STANDSTILL  
OF THE MOON

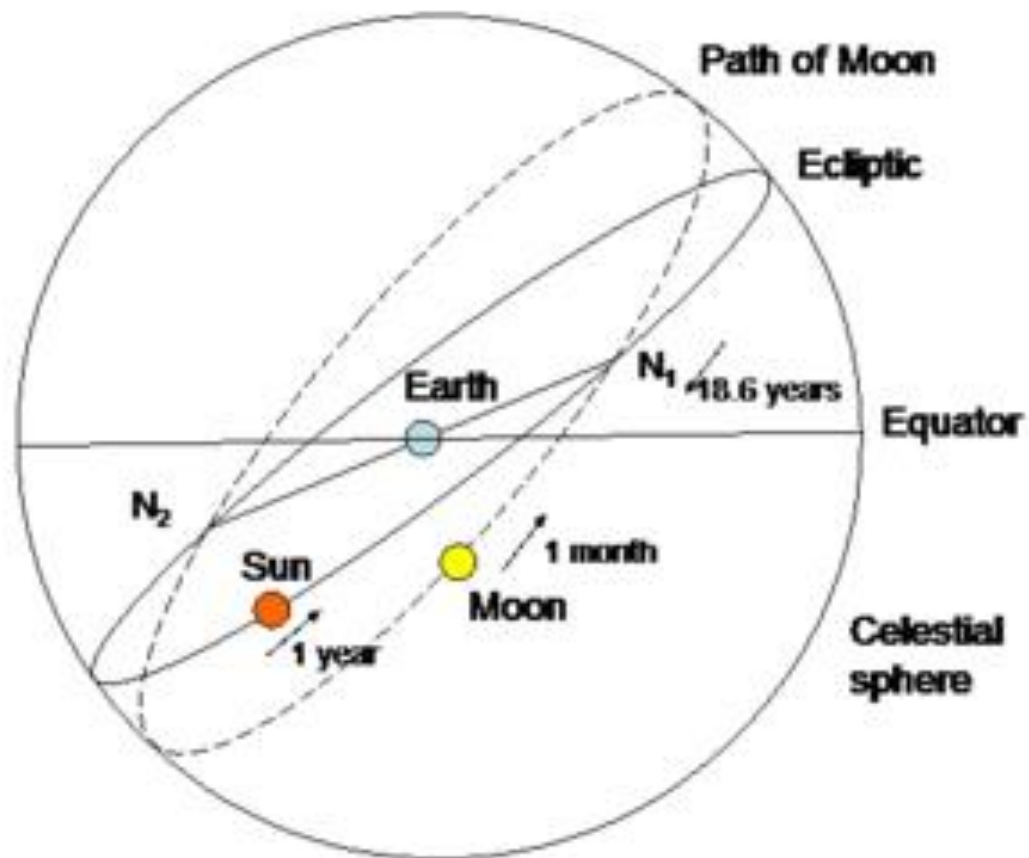


$+28.7^\circ$

MAJOR STANDSTILL  
OF THE MOON



### Solar/lunar markings at rising









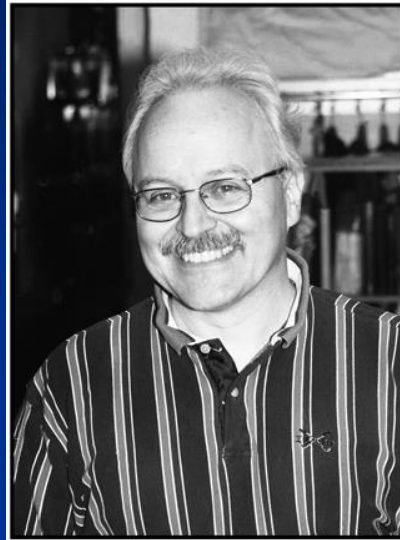


Wally Paoholka / AstroPics.com

# Upcoming Speakers

July

Wednesday, July 1



Tony Nikischer, President,  
Excalibur Mineral Corp.



# Upcoming Speakers

August

Wednesday, August 5

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Would you like to talk to the club?  
Do you have an idea for a speaker?



# Mark Your Calendar

- McCormick Club Observing – Sat. June 13
- Public Nights – June 19 and July 17
- VAAS Conference - October 3rd



# What's Up for June?

- <https://solarsystem.nasa.gov/news/whatsup-view.cfm?WUID=2065>
- <https://solarsystem.nasa.gov/news/whatsup-archive.cfm>



# Door Prize Drawing

