

Howard Astronomical League



April 20th, 2017

Introductions

Observing Preferences

- Visual, photographic, other
- Object class (solar, lunar, planetary, DSO, etc...)

HAL Social Media

Website:

<http://www.howardastro.org>

Facebook:

<https://www.facebook.com/groups/howardastro/>

Yahoo Group (mailing list):

<https://tech.groups.yahoo.com/group/howardastro/>

Upcoming Events

- April 20th
 - 10am – Greenfest, HCC
 - 8pm – Members' Star Party, Alpha Ridge
- April 27-30 – Star Gaze 23, Laurel, DE
- May 6th at 8pm – Public Star Party, Alpha Ridge

Guest Speaker

Dr. Adam Szabo

Chief, NASA Goddard Space Flight Center

Heliospheric Physics Laboratory

**Earth and Solar Wind Science Observations
of the DSCOVR Mission**

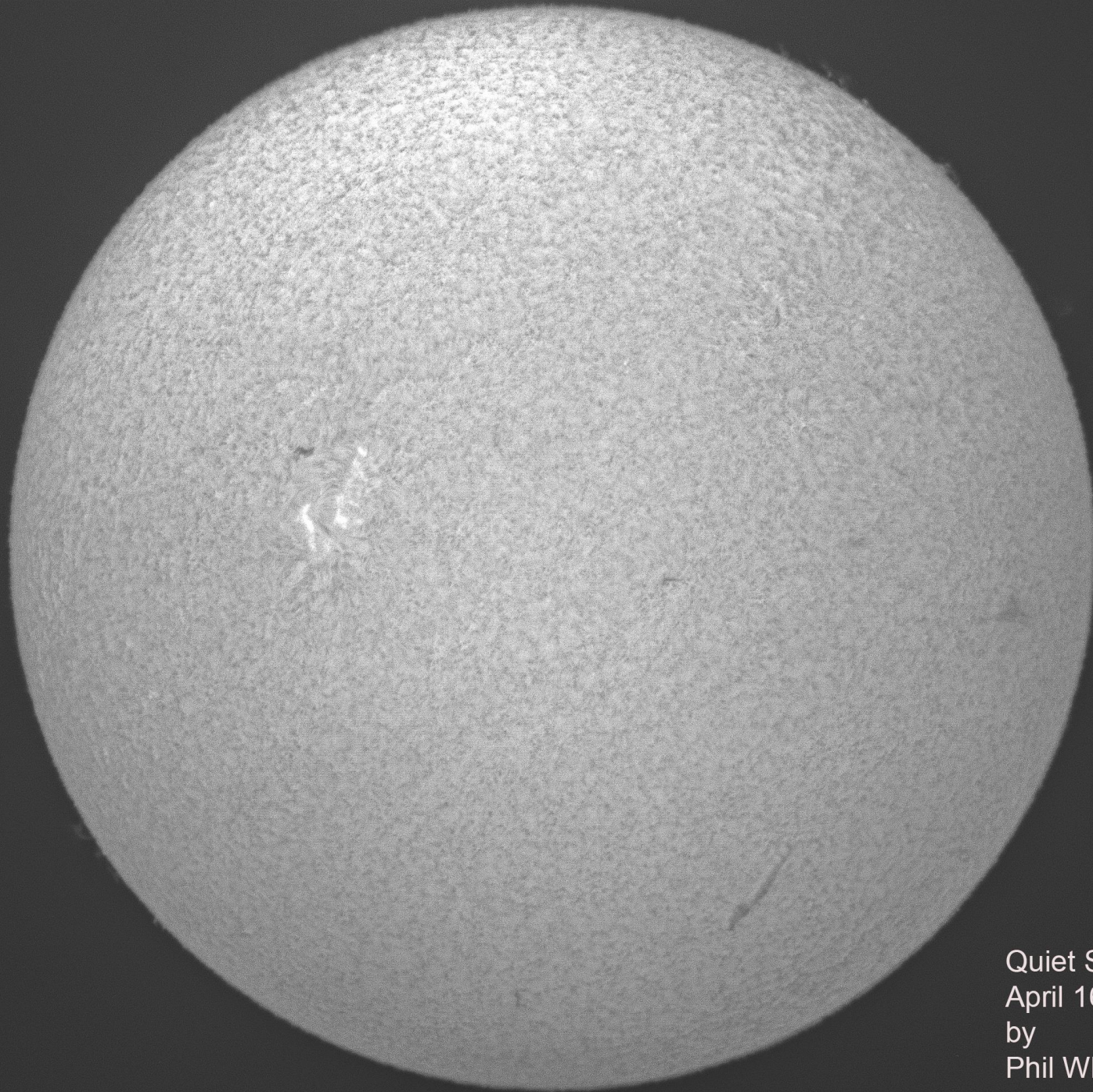
Member's astrophotos and sketches



Chuck Cynamon - First deep sky photo
NGC 7479, October 30, 2016

Augriga Widefield View
Brad Sheard





Quiet Sun
April 16, 2017
by
Phil Whitebloom



CM1: 221.1 CM2: 301,8 CM3: 61.6
Elkridge, MD USA/Meade 12" SCT/ASI174MM/Astronomix RGB Filter/2.5X Powermate

0533.2UT
April 10th 2017
@JamesWillinghan

Night Sky Summary

Sun now rises at 6:23am and sets at 7:50pm

Moon: | ○ Apr 26 | ◐ May 3 | ● May 10 | ◑ May 19 |

Best earthshine view is around Apr 29.

Planets: **Venus** is just beginning a morning apparition, rising about an hour before sunrise. It appears as a waxing crescent, increasing in apparent size. Find **Mars** continuing to hang on in the western sky after sunset. **Jupiter** reached opposition on April 7th, and is quickly becoming more favorably placed for evening viewing. **Saturn** is a morning object rising shortly at around midnight headed toward opposition in June.

Constellations: Cancer, Leo, and Ursa Major are near the zenith at sunset.

Thank You!

Next month's meeting is on Thursday,
May 18th, 2017 7 PM

Louis Mayo

August 2017 Solar Eclipse:
Science Expectations