

Howard Astronomical League



April 19th, 2018

Introductions

Upcoming Events

HAL Events – Alpha Ridge Park

April 21st at 7:30 – Public Star Party

May 12 at 8:00 – Members' Star Party

Other Events

April 21st – GreenFest at HCC

April 21, 22 – NEAF, Suffern, NY

May 6-13 – Texas Star Party

(Will it be rained out by the Eta Aquarid meteor shower?)

May 10-13 – Star Gaze XXV (DE)

From Dennis Conti

Can't be with us tonight because he is in NY speaking at NEAC and NEAF

He was invited to Cape Kennedy for an exciting TESS launch last night - flawless so far

“A new era now in exoplanet discovery!”

Three Oppositions in 79 Days!

Jupiter: May 8th

Saturn: June 27th

Mars: July 27th

Venus

15 Aug – Dichotomy (Half phase)

17 Aug – Greatest elongation east

25 Sep – Greatest brightness

26 Oct – Inferior solar conjunction

Member/Usage Stats

Members: 201

Memberships: 268

Yahoo Group: 398

Facebook: 354

Web Traffic

(Yep, we're world-wide!)

Country	Pages	Hits	Bandwidth
US	4,855	19,1666	2.57 GB
Russia	324	509	26.18 MB
Gr. Britain	183	278	1.36 GB
France	174	260	1.41 GB
Ukraine	145	145	3.70 MB
Italy	120	300	22 GB
Germany	97	121	23.27 MB
Netherlands	79	113	3.97 MB
China	77	187	3.97 MB

Observatory Report

Joel Goodman

This Evening's Speaker

Dr. Patrick Peplowski

JHU APL, Space Exploration Sector

MESSENGER at Mercury:

New Views of the Innermost Planet

Member's astrophotos and sketches



Comet Hale-Bopp

Herman Heyer

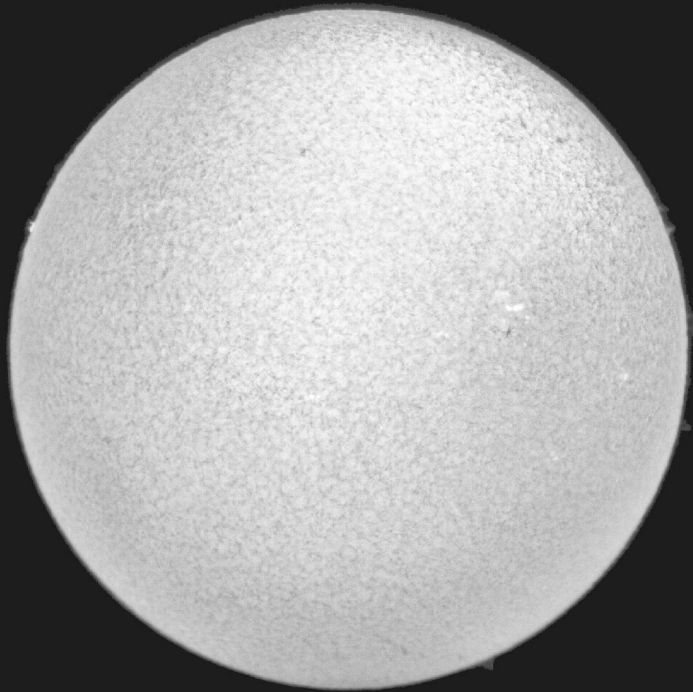


SH2-101 Tulip Nebula - H II Emission Nebula

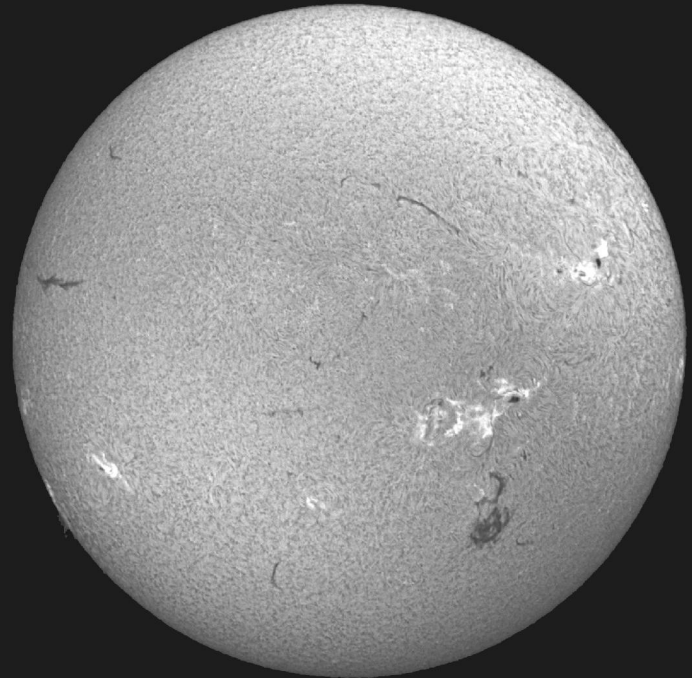
8" f/4 Newtonian + 8300 CCD

Ha + OIII + RGB - 4h 10m

SOLAR MINIMUM AND MAXIMUM



APRIL 18, 2018



OCTOBER 26, 2013

IMAGES BY PHIL WHITEBLOOM

Thank You!

Next month's meeting is on Thursday,
May 17th, 2018 at 7 PM

Dr. Joe Bohannon
HAL Member

Astrophotography from Down Under