

ACA NEWS AND NOTES

August 2017

ACA Members' Annual Picnic

The ACA Annual Members' Summer Picnic was held July 30th at Big Oaks Pavilion, Portage Lakes State Park. The weather could not have been more perfect, and all attending had a wonderful time. Members want to give a heartfelt thanks to Ron Kalinoski for taking on the role of Grill Master again this year. This is a bigger responsibility than most realize. Ron shops for food items provided by the club, puts a hitch on his car, loads the grill, garbage bins, and paper products at the observatory, unloads said items at the pavilion, and then grills while others eat and chat! Enough said.

Thanks so much for all you do for ACA, Ron!!! You are truly appreciated!

ACA Meetings

The ACA Board reminds you the next membership meeting is scheduled for September 22nd. This will begin our yearly meeting cycle that ends with the May 2018 monthly meeting. Please remember to renew your ACA membership at any point in time before the September 30th deadline. ACA and its outreach programs thank you for your continued support.

Star Parties

Upcoming star parties are scheduled for August 19th at 8:30 p.m., August 26th at 8:00 p.m., September 16th at 8:00 p.m., and September 23rd at 7:45 p.m. Come out to the observatory and support!

MVAS OTAA Convention

The Mahoning Valley Astronomical Society [MVAS] will host the Ohio Turnpike Astronomers Association Convention [OTAA] on Saturday, August 12th. Registration begins at 5:00 p.m. The \$5 registration fee automatically enters you into the door prize raffle. A pot luck picnic dinner is scheduled for 6:00 p.m. Bring a covered dish or dessert to share. Coffee and soft drinks will be provided. Observing will follow a program and the raffle. This event occurs rain or shine. Please support our fellow OTAA club member and attend this well-planned event.

Eclipse 2017

Marnie Sanders will complete her report on the Solar Eclipse of August 2017 with an article slated for our October newsletter. Please let Marnie know of your experiences on August 21st. Members are excited to hear about where you were and how you experienced the eclipse.

ACA Eclipse Event

The ACA's "Official" location of public outreach for the partial solar eclipse on Monday August 21, 2017 at 1:00PM is at:

Silver Springs Park
5005 Stow Rd
Stow, Ohio 44224

This event was originally planned to be at the local grade school where we had the Venus Transit event on June 5, 2012, but scheduling conflicts caused the event to be moved to what has turned out to be a much better location.

We plan to be there prior to noon to set up equipment and prepare for the public eager to see the most publicized solar eclipse in memory. Full details of the location (including detailed maps & directions) can be found here: <http://tinyurl.com/ACAOH-Eclipse>

We have no idea how many visitors to expect. We'll be located near Stow Rd so I'm sure we'll attract a number of drive-by visitors that otherwise wouldn't travel to see a partial eclipse. Of course, the more the merrier! The partial eclipse will begin at 1:07 PM and end at 3:52 PM. Maximum coverage will occur at 2:32 PM. The best one-hour period to observe will be between 2:00 PM and 3:00 PM – that's when we expect the largest number of visitors. This is a great opportunity to make the public aware of our Club! Not to be redundant, but please visit the <http://tinyurl.com/ACAOH-Eclipse> site for full information. Status will be posted there should bad weather (don't even THINK that!!) cancel the event. Venus, shining brightly at -3.9 magnitude, will be 34° to the right of the 80% eclipsed Sun and should easily be seen with the darkened skies. I believe that fact alone will bring the curious.

Think good thoughts and make a short trip to Silver Springs Park to observe the Great American (partial) Eclipse!

August Astronomical Events

Day Hour(UT)

2 18 Moon at apogee
3 07 Saturn 3° S. of Moon
3 10 Uranus stationary
7 18 FULL MOON Eclipse
9 23 Neptune 0°.9 N. of Moon Occn.
12 06 Mercury stationary
13 05 Uranus 4° N. of Moon
15 01 LAST QUARTER
16 07 Aldebaran 0°.4 S. of Moon Occn.
18 13 Moon at perigee
19 05 Venus 2° N. of Moon
21 19 NEW MOON Eclipse
21 19 Venus 7° S. of Pollux
25 13 Jupiter 3° S. of Moon
25 15 Saturn stationary
26 10 Juno stationary
26 21 Mercury in inferior conjunction
29 08 FIRST QUARTER
30 11 Moon at apogee
30 14 Saturn 4° S. of Moon

*Information Credited,
Her Majesty's Nautical Almanac Office,
United Kingdom Hydrographic Office,
US Naval Observatory.*

September Astronomical Events

Day Hour(UT)

4 16 Mercury stationary
5 05 Neptune at opposition
5 11 Jupiter 3° N. of Spica
6 05 Neptune 0°.8 N. of Moon Occn.
6 07 FULL MOON
9 10 Uranus 4° N. of Moon
10 12 Mercury 0°.6S. of Regulus
12 10 Mercury greatest elong. W. (18°)
12 13 Aldebaran 0°.4 S. of Moon Occn.
13 06 LAST QUARTER
13 16 Moon at perigee
16 18 Mercury 0°.06 N. of Mars
18 01 Venus 0°.5 N. of Moon Occn.
18 05 Regulus 0°.09 S. of Moon Occn.
18 20 Mars 0°.1 S. of Moon Occn.
18 23 Mercury 0°.03 N. of Moon Occn.
19 23 Venus 0°.5N. of Regulus
20 05 NEW MOON
22 08 Jupiter 4° S. of Moon
22 20 Equinox
25 11 Pallas stationary
27 00 Saturn 3° S. of Moon
27 07 Moon at apogee
27 14 Vesta in conjunction with Sun
28 03 FIRST QUARTER
28 08 Pluto stationary

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July Treasurer's Report

By Nick Mihiylov

7/1/2017 Through 7/31/2017

Checking Beginning Balance	\$1,214.19
Income	
Adult Membership	30.18
Total Income	\$30.18
Expenses	
	0.00
Total Expenses	-0.00
Income Less Expenses	\$30.18
Checking Ending Balance	\$1,244.37
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Savings Beginning Balance	\$2,566.40
Earned Interest	0.04
Savings Ending Balance	\$2,566.44
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Petty Cash Beginning Balance	\$50.00
	0.00
Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
Savings	2,566.44
Checking	1,244.37
Grand Total	\$3,860.81

Article by Nick Mihiylov
ACA Treasurer.