



# The Night Sky

The Newsletter of  
The Astronomy Club of Akron  
[www.acaoh.org](http://www.acaoh.org)

Volume 37 Number 8

August, 2015

## SUMMER BREAK! NO MEETING AT KIWANIS THIS MONTH!

### The Presiding Officer's Column

By Ann Ferrell

Even though we have entered the final days of summer, ACA still has many star parties scheduled through to November 7th:

September 5, 9 p.m. Presentation: Mathematical Illustration of Time Dilation. Observing session to follow: Summer Open Clusters

September 12, 8:00 p.m. Planetary Nebulae Night: Ring Nebula, Cat's Eye Nebula, Blue Snowball, Blue Flash Nebula, & Blinking Nebula.

October 3, 7:15 p.m. Observe Neptune shining at 8th magnitude. Wild Duck Cluster is still well-placed for evening observing - a gem!

October 10, 7:15 p.m. Tonight we'll be viewing asteroid Vesta shining at magnitude 6.4. Vesta is second largest asteroid by mass.

October 17, 7:00 p.m. View 5-Day Old Moon, Andromeda Galaxy, ET Cluster, Blue Snowball Nebula, Saturn Nebula, & Herschel's Double Cluster

November 7, 7:00 p.m. Come out this evening to view Uranus.

Saturday, August 29th at 4:00 p.m. our summer BBQ will begin. It will be held at Big Oaks Pavilion in Portage Lakes Park, near the observatory. Our Swap & Shop will open the festivities and Ron Kalinoski, Grille Master, will fire up the grill at 5:00! Cathy Loboda (ACA's Assistant Secretary/Treasurer) has graciously accepted the position as hostess, and members will be notified as to what is needed.

Directions to the Pavilion:

Big Oaks is the first right inside the park. Turn and follow the road as it winds around to the right and then to the left. The pavilion is on the left.

October 3, 2015 NASA Glenn Research Center--ACA's field trip to see "The Slope"

We are pre-registered for a private NASA tour. Explore the Simulated Lunar Operations (Slope) facility, which is home to a 60-foot long, 20-foot wide sandpit filled with simulated lunar soil and a lunar rover testbed. This lab is where rover components are tested for their ability to navigate and investigate planetary surfaces. Contact Ann Ferrell: [annahagemaster@gmail.com](mailto:annahagemaster@gmail.com), for reservations for this exciting, informative tour. Deadline for reservations is August 29th and please include all names in your reservation. Time: 12:00 a.m. (noon) at the Glenn Research Center, 21000 Brookpark Road, Cleveland, Ohio 44135. ( Directions will be forwarded in a later e-mail.)

Only 25 on the bus, so get your reservations in early! Let's stuff the bus!

Clear Skies

*Article By Ann Ferrell  
ACA President*

## OFFICERS 2014 – 2016

### President

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### Trustee

### Trustee

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### OTAA Representative

Lou Poda

## July Treasurer's Report

By Glenn Cameron

7/1/2015 Through 7/31/2015

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Checking Beginning Balance	\$3,099.68
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### Income

Dues	340.43
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<b>Total Income</b>	<b>\$340.43</b>
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### Expenses

Web Hosting	-57.81
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Magazine Subscriptions	-34.00
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<b>Total Expenses</b>	<b>-91.81</b>
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<b>Income Less Expenses</b>	<b>-\$248.62</b>
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Checking Ending Balance	\$3,348.30
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Savings Beginning Balance	\$2,580.39
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Earned Interest	0.06
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Savings Ending Balance	\$2,580.45
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Petty Cash Beginning Balance	\$50.00
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	0.00
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Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
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Savings	2,580.45
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Checking	3,348.30
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<b>Grand Total</b>	<b>\$5,978.75</b>
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Article by Glenn Cameron

ACA Treasurer.

# SWAP & SHOP



## FOR SALE:

**22mm Orion Epic ED-2 ED Eyepiece**  
**25mm Orion Epic ED-2 ED Eyepiece**

Asking: \$25 each  
Contact: Glenn Cameron  
Phone: 330-737-1472  
Email: glenn@cameronclan.org



## FOR SALE:

**Orion Sirius 40mm Plossl**

Asking: \$25  
Contact: Glenn Cameron  
Phone: 330-737-1472  
Email: glenn@cameronclan.org

## FOR SALE:

**Meade LX80 Mount**

- Tripod.
- One counterweight.
- Autostar and battery box power supply.
- Cigarette lighter power cable.
- Selling because of upgrade to LX80 mount.
- LOCAL PICKUP is necessary.

Asking: \$325 OBO  
Contact: Glenn Cameron  
Phone: 330-737-1472  
Email: glenn@cameronclan.org

## FOR SALE:

**Celestron CPC Deluxe 800 HD Telescope with tripod.**

Accessories:

- Celestron 1.25" eyepiece and filter kit.
- Tele Vue nebula filter.
- Celestron UHC/LPR filter.
- Celestron 15mm 1.25" 82 degree wide field eyepiece.
- Stellarvue 1.25" Dielectric Diagonal.
- Stellarvue 1.25" erecting prism.
- Celestron power tank and dew shield.
- Astrozap sun filter.
- Celestron AC adapter.
- JMI custom hard shell case for telescope.

All 8 months old, brand new condition.

Asking: \$2200  
Contact: Jim Hall  
Phone: 330-268-8695

## FOR SALE:

**Celestron NexStar 8i computerized to go 8" F/10 Schmidt-Cassegrain**

Focal length 2032 mm with 406x highest useful power.

Includes:

- GPS module.
- Five multicoated Plössl eyepieces.
- 2X Barlow lense.
- Seven filters.
- A/C adaptor.
- Night vision flash.
- Celestron star pointer.

All rarely used and in new condition.  
Cost \$1,689 new.

Asking: Best Offer  
Contact: Nick Bade  
Email: nb@tribco.com  
Phone: 216-486-2000 weekdays and 440-585-8687 evenings and weekends.

## FOR SALE:



**Pentax XW 20mm Eyepiece**

- Excellent condition.
- Small mark on 1.25" barrel.
- Always used in a compression clamp.

Asking: \$220 (cash)  
Contact: Fred Fry  
Email: riverfry@gmail.com

## FOR SALE:



**Televue Radian 12 mm Eyepiece**

- Excellent condition.

Asking: \$180 (cash)  
Contact: Fred Fry  
Email: riverfry@gmail.com

## FOR SALE:



**Televue Radian 18 mm Eyepiece**

- Excellent condition.

Asking: \$180 (cash)  
Contact: Fred Fry  
Email: riverfry@gmail.com

## FOR SALE:



**15mm Ultra-Wide Angle Eyepiece**

Asking: \$40  
Contact: Lew Snodgrass  
Phone: 330-819-4886  
Phone: 330-867-4800  
Ask for Lew.  
Email: chrply@aol.com

## Advertise in the Swap n Shop!

Send a picture of your ASTRONOMY RELATED item and relevant information to the newsletter editor: jgshinn2014@gmail.com

## August Astronomical Events

8/2/15 8:00pm Saturn stationary  
8/5/15 9:00am Mercury 8° N. of Venus  
8/5/15 9:00am Uranus 1°0 N. of Moon Occn.  
8/7/15 2:00am LAST QUARTER  
8/7/15 4:00am Mercury 0°6 N. of Jupiter  
8/7/15 3:00pm Mercury 1°0 N. of Regulus  
8/8/15 12:00pm Pallas stationary 9 00 Aldebaran 0°7 S. of Moon Occn.  
8/10/15 11:00pm Jupiter 0°4 N. of Regulus  
8/13/15 5:00am Mars 6° N. of Moon  
8/14/15 3:00pm NEW MOON  
8/15/15 7:00pm Venus in inferior conjunction  
8/16/15 6:00am Vesta stationary  
8/16/15 3:00pm Mercury 2° N. of Moon  
8/18/15 3:00am Moon at apogee  
8/22/15 5:00pm Saturn 3° S. of Moon  
8/22/15 8:00pm FIRST QUARTER  
8/26/15 10:00pm Jupiter in conjunction with Sun  
8/29/15 5:00am Venus 9° S. of Mars  
8/29/15 7:00pm FULL MOON  
8/30/15 12:00am Neptune 3° S. of Moon  
8/30/15 3:00pm Moon at perigee

*Information Credited,  
Her Majesty's Nautical Almanac Office,  
United Kingdom Hydrographic Office*

# *The Night Sky*

Newsletter of the Astronomy Club of Akron

c/o Jason Shinn, Editor  
1026C Rocky Brook Dr.  
Akron, OH 44313

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**The Astronomy Club of Akron**  
c/o Glenn Cameron  
8019 Glendevan St. NW  
Massillon, OH 44646-9018

Yes! I want to become a member of the Astronomy Club of Akron

[www.acaoh.org](http://www.acaoh.org)

(PLEASE PRINT)

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

**Astronomy Club of Akron** annual memberships renew in the month of May.

ADULT (ages 18 and older) \_\_\_\$30.00

JUNIOR (ages 12 to 17) \_\_\_\_\_ \$15.00

ADDITIONAL ADULT member \_\_\_\$15.00

FAMILY MEMBERSHIP \_\_\_\_\_ \$40.00

Visit us on the Web at [www.acaoh.org](http://www.acaoh.org),