

Harford County Astronomical Society

Bel Air, Maryland
www.harfordastro.org



Volume 31 Issue 10

October 2005

*"Now Time's Andromeda on this rock rude,
With not her either beauty's equal or
Her injury's, looks off by both horns of shore
Her flower, her piece of being, doomed dragon's food."*

Gerard Manly Hopkins (1844-89)
"Andromeda" (lines 1-4)
(1876-89)

General Meeting: Saturday, October 15, 2005 7:30pm (19:30)
Public Star Party (Open House), October 8, 2005 at dusk

Club Calendar for 2005

<u>Meeting night</u>	<u>Open House/Public Star party</u>
November 19, 2005	November 12, 2005
December 17, 2005	December 10, 2005

Meeting time is 19:30 (7:30pm) unless noted otherwise. Dates and times are taken from the HCAS website.

<http://www.harfordastro.org>

Check the HCAS website for other club events.

Minutes 15 Oct 2005 Meeting

September's minutes were accepted as written.

The treasury has \$5,191.85. A large amount of this is due to the sale of the large equatorial mount. Thanks to Jeremy. He was largely responsible for its sale to someone in Arizona.

Note:

A current HCAS membership roster will be sent as a separate PDF file to newsletter recipients. This roster will not be posted on the HCAS website.

A reporter and photographer from the Aegis were at the meeting. They are doing a feature article on the Club.

Out reach- Tom Rusek gave the club information about a big Cub Scout event Nov 12 from 10-3 at Harford Airport on Stepney Rd.. The theme of the event is aviation. We have been invited to participate.. The organizers specifically asked the club to have telescopes there. The display will need to be manned continuously from 1000 to 1500 hr. President Hardin is asking for volunteers on a rotating basis. Deadline for signing-up is Oct 29th.

Next open house is also on Nov 12th at the Harford Tech. Parking lot.

There will be a Mars viewing session on Oct 28 and 29 at the Harford Tech site. Club looking for volunteers to bring their scopes and support this out-reach program. If the weather is good, there could be a large turn-out., so we need at least 5-6 scopes.

Security at the Observatory is an issue. Currently, only those on the access list will be allowed in on non-meeting nights..This means that family members and guests are not allowed. We will be talking to security about changing this.

No old business submitted.

Astronomical League Club Achievements by HCAS Members

Coordinator: Bill Geertsen izar@juno.com)

*******This list needs to be updated*******

!!!Send your info to the coordinator!!!

Telescope Messier Club

Steve Krall	110(5/99)
Woody Lower	110(5/90)
Ernie Webb	110(6/91)
Larry Hubble	110(5/91)
Bill Geertsen	110(6/98)
Richard Hagenston	110(2/90)
Phil Schmitz	#1650 110(3/99)

Doris Reese	12
Ernie Davis	60
Wayne French	2
Lucy Albert	46
Leo Hepner	68
Warren Hoover	77

Binocular Messier Club

Stu Chapman	19
Cathy Tingler	57
Frank Varisco	3

Bruce Wrinkle	79
Phil Schmitz	#442(1/01)

Double Star Club

Bill Geertsen	#79(4/99)
Phil Schmitz	#74(3/99)

Andrew Williams	100(6/2000)
-----------------	-------------

Urban Club

Bill Geertsen	100(4/99)
---------------	-----------

Phil Schmitz	#21(2/01)
--------------	-----------

Herschel-400 Club

Bill Geertsen	#267(1/03)
---------------	------------

Phil Schmitz	#236(10/01)
--------------	-------------

Deep Sky Bino Club

Phil Schmitz #120(3/01)

Lunar Club

Phil Schmitz #258(1/01)

Caldwell Club

Phil Schmitz #8(12/01)

Phil Schmitz is currently working toward completion of four other certificates and is about to begin an additional four more AL observing programs!!

<<<If you have looked at the Orion Nebula you have a start on the Messier list. Send in your observations!!>>>

Meeting adjourned by President Hardin

November Messier Objects

Between RA 23h 00m and 00h 59m

- | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|----------------|---------|-------------------|
| M52 | RA 23-24 | Dec +61-35 | Size 12' | Mag 6.9 | Open cluster |
| NGC 7654 | | SA2K #3 | | | |
| Large and beautiful OC in Caasiopeia. Over 100 stars. About 3,000 LY distant. | | | | | |
| M110 | RA 00-40 | Dec +41-41 | Size 17'x10' | Mag 8 | Elliptical Galaxy |
| NGC 205 | | SA2K #4, 9 | | | |
| The dim companion to M31 and M32 in Andromeda. Large, elongated, low surface brightness and contrast. About 2.5 million LY dist | | | | | |
| M31 | RA 00-43 | Dec +41-16 | Size 3.2'x1' | Mag 3.4 | Elliptical galaxy |
| NGC 224 | | SA2K #4 | | | |
| The "Great Andromeda Galaxy" in Andromeda. Naked eye visible, it covers over 3 degrees of sky. Try to get M32 and M110 in the field view at the same time as M31. About 2.5 million LY distant. | | | | | |
| M32 | RA 00-43 | Dec +40-52 | Size 7.6'x5.8' | Mag 8.2 | Elliptical galaxy |
| NGC 221 | | SA2K #4 | | | |
| The closer companion of the "Andromeda Galaxy". About 2.5 million LY distant. | | | | | |

There are mail restrictions (number of pages) on the snail-mail version. To get the most out of your Astro Views, you are encouraged to subscribe to the e-mail version. This is easily done by contacting Bill Geertsen at aizar@juno.com and adding your e-mail address to his mailing list.

Astro Views is the official publication of the Harford County Astronomical Society, P.O. Box 906, Bel Air, MD 21014. For the year 2005 any items for publication in any issue are due to the editor by the 15th of the preceding month. Please send all contributions (electronic format is STRONGLY encouraged) to Bill Geertsen at (EMAIL):izar@juno.com, regular mail at: 36 Northwood Drive, Timonium, MD 21093. Permission is not necessary for non-profit use of this material, although proper acknowledgement is required. Address changes should be brought to the attention of the editor at the address given above.

Home Page Web Site: <http://www.harfordastro.org> Webmaster: Charles Jones

**HARFORD COUNTY ASTRONOMICAL SOCIETY
P.O. BOX 906
Bel Air, MD 21014**

**FIRST CLASS
Address Correction Requested**