



The Meridian

The newsletter of the
Quad Cities Astronomical
Society

January 2013

Secretary's Notes

Dale Hendricks

21 January

Members in attendance:

Karl Adlon	Bruce Brooker	Matt Neilssen	Steve VanHyfte
Cecil Ward	John Baker	Ken Boquist	Dana Taylor
Craig Cox	Joe Bannon	Brian Archibald	Dr. Robert Mitchell
Jim Rutenbeck	Brian Haysbrook	Chris Day	Dale Hendricks

Jupiter and the Moon Outside our Front Door - this event was proposed to provide a look at the moon and Jupiter next to each other. Karl Adlon had volunteered to set up the "viewing" but an intelligent evaluation of the wind chill (-14°F at the time of our meeting) indicated that few would view and those who provided the "viewing" would probably not thaw in the near future. The event was summarily cancelled but thanks to Karl for the offer - perhaps next time.

Follow on conversation focused on some planned/proposed set ups outside the Library. It was felt that the binoculars on a tripod that Craig Cox has were thought to be the nearly perfect viewing instrument for such events. We are now looking at later and later sunset times as we approach spring so we may have to look at

Old Business

1. Final approval of amendments to by-laws (including moving elections to September) - long and detailed discussion re the amendments to the bylaws. After long discussion they stand as they are now. (Dana agreed to take on responsibility for the planning for the EISP with an update by June. Looking at 27/28 September as the next week conflicts with Prairie Skies.
2. Updates:
 - a. Standing committees -
 - b. Updates from sub-committees -
 - c. Update re CCCB agreement - CCCB has yet to respond to proposed updates to our agreement. Agreement that there would be follow up with the group.
3. Matt Neilson - report on cleanout of the block house - thanks for the great work (Dana is missing his tools that he left out there in the blockhouse).

4. Bruce provided follow up on the cleanup/restoration of the LCCB scope - the LCCB folks were most appreciative of the work. The scope tracks perfectly. Nice bit of outreach to another group which has the same interests we have. Nice job, Bruce - again.
5. Reschedule the Polar Bear Star Party - now scheduled for 09 FEB as there is a new moon that night. We need as many members as possible to attend.
6. Dana will be at Garfield School (Davenport) at 6:00pm February 7th (Thursday) for a demo of his "Tour of the Universe" presentation he gave at the Figge.
7. Now looking at May 9th (Thursday) for solar viewing at Sherman Park Observatory for 7th graders.

New Business/Presentation

1. Van Hyfte discussion of solar filter for 20-inch - due to work schedule crunch and a degree of dissatisfaction with the results of testing as to how effective the filter would be (~80% which is enough to be safe for viewing) he is offering to give it over to someone who can do more with it. John Baker then offered that the 10" filter we have which is functional and could be used for solar viewing. See item 7 above.
2. Discussion of galaxies as target. In the next month or two, many galaxies will be coming into view, especially in Virgo. What are members' experience with observing or photographing galaxies? Bring any photos, hardcopy or electronic, and let folks like me, who haven't done a lot of galaxy hunting, become better prepared for an observing session. Karl Adlon provided two pieces of information for us which are included in this report. See both the list of galaxies (with detail) and the presentation he shared with us at the meeting. Nice job, again, Karl.**

Treasurer's Report: John reports the QCAS has \$1,836.45 in our account.

** Karl Adlon's galaxy presentation. - *Where to look. What you see. What a picture shows.*



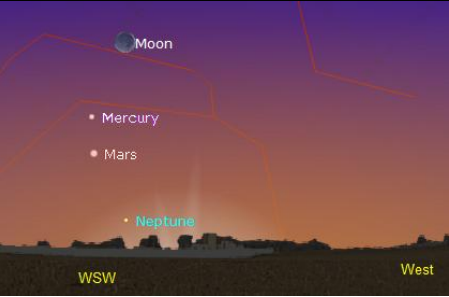
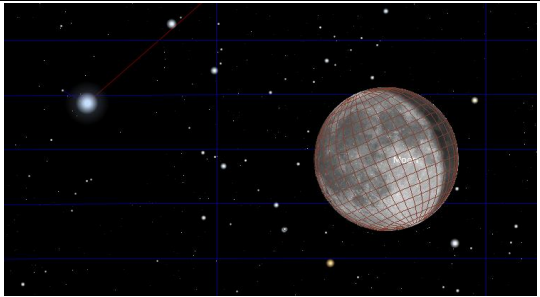
2013-01 galaxies
3.pptx

GALAXY LIST

CONST.	OBJECT	MAG.	R.A.	DEC.	SIZE	TYPE
And	M110	8	00h 40.4m	+41° 41'	17'x10'	EG
And	M31	3.5	00h 42.7m	+41° 16'	178'X63'	SG
And	M32	8.2	00h 42.7m	+40° 52'	8'x6'	DEG
ScI	NGC 247	9	00h 47.0m	-20° 44'	19'x5'	SG
ScI	NGC 253	7.6	00h 47.6m	-25° 17'	30'x7'	SG
Tri	M33	5.7	01h 33.9m	+30° 39'	62'x39'	SG
Cet	M77	8.8	02h 42.7m	-00° 01'	7'x6'	SG
Uma	M81	6.8	09h 55.6m	+69° 04'	26'x14'	SG
Uma	M82	8.4	09h 55.8m	+69° 41'	11'x5'	IG
Leo	M95	9.7	10h 44.0m	+11° 42'	7'x5'	SG
Leo	M96	9.2	10h 46.8m	+11° 49'	7'x5'	SG
Leo	M105	9.3	10h 47.8m	+12° 35'	5'x4'	EG
Uma	M108	10	11h 11.5m	+55° 40'	8'x2'	SG
Leo	M65	9.3	11h 18.9m	+13° 05'	10'x3'	SG
Leo	M66	9.0	11h 20.2m	+12° 59'	9'x4'	SG
Uma	M109	9.8	11h 57.6m	+53° 23'	8'x5'	SG
Cvn	M106	8.3	12h 19.0m	+47° 18'	18'x8'	SG
Vir	M86	9.2	12h 26.2m	+12° 57'	7'x5'	EG
Com	NGC 4565	9.6	12h 36.3m	+25° 59'	14'x2'	SG
Vir	M104	8.3	12h 40.0m	-11° 37'	9'x4'	SG
Vir	M60	8.8	12h 43.7m	+11° 33'	7'x6'	EG
Cvn	M94	8.1	12h 50.9m	+41° 07'	11'x9'	SG
Com	M64	8.5	12h 56.7m	+21° 41'	9'x5'	SG
Cvn	M63	8.6	13h 15.8m	+42° 02'	12'x8'	SG
Cvn	M51	8.1	13h 29.9m	+47° 12'	11'x8'	SG
Hya	M83	8.0	13h 37.0m	-29° 52'	11'x10'	SG
Uma	M101	7.7	14h 03.2m	+54° 21'	27'x26'	SG
Peg	NGC 7331	9.7	22h 37.6m	+34° 25'	10'x3'	SG

SG=spiral galaxy EG=elliptical galaxy IG=irregular galaxy
 DEG=dwarf elliptical galaxy

Upcoming Celestial and Club Events

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JAN					24	25	26 QCAS Star Party
JAN	27 Full Moon	28	29	30	31	1	2 Groundhog Day
FEB	3 Last Quarter Moon	4	5	6	7 Binoculars at Dusk: Mars + Mercury less than 1 degree apart	8 Binoculars at Dusk: Mars + Mercury less than 1 degree apart	9 Frostbite Star Party
		-Feb. 11 Try to see these! Feb. 28 -					
FEB	10 NEW MOON Binoculars at Dusk: Moon joins Mars + Mercury	11 Binoculars at Dusk: Moon joins Mars + Mercury	12 Abraham Lincoln's Birthday	13 Now through the 20th, try to see Mercury, esp. if you've never seen it!	14	15	16
FEB	17 First Quarter Moon	18 Presidents' Day 7PM - QCAS Meeting	19	20	21	22 George Washington's Birthday	23 QCAS Star Party
FEB	24	25 Full Moon	26	27	28	1	2

Jens-Wendt Observatory – Quad Cities Astronomical Society – Located at Sherman Park in Dixon, Iowa

Monsignor Menke Observatory – St. Ambrose University – Located at Wapsi River Environmental Education Center in Dixon, Iowa

QCAS Contacts

Elected Officers			Volunteers and Committees		
President	Joe Bannon	mzbannon@aol.com	Facilities	John Baker	johnbsys@aol.com
Vice-president	Craig Cox	admiralcox2000@yahoo.com	Web Master	Dana Taylor	dana@nelsonstaylor.com
Secretary	Dale Hendricks	dhusna68@mchsi.com	Outreach	Matt Nielssen	Matt.nielssen@gmail.com
Treasurer	John Baker	johnbsys@aol.com	Programming	Jim Rutenbeck	jrutenbeck@frontier.com
Director	Dana Taylor	dana@nelsonstaylor.com			

All other contacts can be sent to the club at P.O. Box 3706, Davenport, IA, 52808.

Members are also reminded that anyone can submit articles for *The Meridian*. Submit articles to Dale Hendricks at dhusna68@mchsi.com.