

The first week of October, 1977.



Greetings again!

It was good to see so many of you at the last meeting. We hope to see all of you at future meetings. Bring a friend.

I

The weather has been a topic of concern to all of us for the last three weeks. It is not true that if this publication takes on a title it will be Overcast '77, or Fogged In, or Rained Out, or Socked In For September, or The Closed Dome, or The Disappointed Observer, or The Mixed-up Meteorologist, or The Misty Lens, or The Unemployed Astrophotographer. No, it is to have a name with more hope and promises - the promise of clear skies, and unhampered observing sessions.

Speaking of observing sessions -- I was asked several times after the last meeting about where the observing sessions would take place from now on. To avoid confusion especially for people new to the Centre, let us agree that until further notice the observing groups will meet at Ellis Hall at 8:00p.m. on Tuesday nights of the weeks between those of our regular meetings -- weather permitting, of course. (Yes, torrential downpours will probably cancel the serious observing.) This should clarify the matter for new members and others who might have been in doubt.

II

REMINDERS: 1.) If you were lucky enough to see Mercury in the morning (Like the music! Write me for the rest of the lyrics.) during the last week of September, OR if on Oct. 3rd, you saw Saturn when it occulted or was approaching the 8.3^{mag.} star we mentioned at the meeting, THEN BE READY TO GIVE A BRIEF REPORT AT THE NEXT MEETING.

2.) For information about the Oct. 12th eclipse, refer to the Handbook, page 61, and the American Ephemeris, page 345 and 353.

This info. has been extrapolated for Kingston's Long. and Lat.:

1.) Semiduration of eclipse: 26 minutes; 2.) Middle of eclipse: 21^{hr}·10^{min}. Ephemeris Time, Oct. 12. E.T. differs from U.T. by less than a minute currently. This time translates to 16^{hr}·09^{min}. E. S. T. which is 5:09 p.m.. Let's hope for clear skies that afternoon.

III

HERE'S ANOTHER INCENTIVE TO LIVE LONGER: You may someday see the N.G. T. in operation. The next generation's telescope promises to be worth waiting for. SEE YOU AT THE MEETING, 8P.M. OCT 11th.!!!!

Minutes of the RASC, Kingston Centre and QUAC meeting, September 27, 1977

Meeting opened by Leo (who explained that he was ten minutes late because of a special conflict), followed by a welcome to new people (there were several there!!!), and another quick recap of the summer's activities. Then the minutes of the last meeting were read by Sue.

Business from the last meeting was discussed:

1) Membership campaign--Leo was able to go to two meetings of science teachers to tell them about our group. Three people present were a direct result of that effort. Notices in the Queen's Journal and on CFRC also accounted for some of the new faces. The AAFTJ project was again suggested.

2) Club's Night at Queen's is October 4. Help was enlisted for setting up, and Leo will be able to come and bring some of his posters.

3) Suggestions for the newsletter were again solicited. A review of books on astronomy available in Kingston was suggested--Chris Sergent volunteered to do some of that.

4) "Astronomy" magazine--Denis Belanger moved, John Walker seconded, and a unanimous decision was made to subscribe to the magazine. Deep Sky Objects has been bought from Leo, the Centre deducting the price from his dues. The Whisper and the Vision is to have a review done by Denis Belanger and Doug Baker and sent to the publisher.

5) The corn roast was Sept. 15 (not Oct., as was thought). The eclipse reports were very short, because only Chris Sergent and Enrico Kindl were able to see through the clouds. Both saw a faint darkening but Chris was the only one who was sure that he actually saw the eclipse.

A report of the National Council meeting (Sept. 24) by Doug Baker resulted in a motion by Enrico that next meeting the members get together to write letters to our MP about the telescope duties, to try to get them lightened or taken off. Seconded by Sue, this was approved and Leo will add it to the agenda for the next meeting. Note: the letters will be done individually, not form letters.

The executive meeting to discuss Dr. Percy's report will be Tues. October 11 at 6:30, Room 222, Ellis Hall. All are welcome to come.

Changes of the agenda:

November 8, 1977----Dr. Bridle, Queen's U. Physics Dept. will speak on the V.L.A. (a project he has been working on in New Mexico).

November 22, 1977---Dr. Alan Batten, President, RASC will speak on; "Close Binary Systems"

December 6, 1977----Dr. John Percy, First Vice President, RASC will speak on a topic that has not yet been decided.

Reminders:

1) "Handbook of Astrophotography for Amateur Astronomers" by G. N. Patterson available from Saskatoon Centre, RASC, Sub PO 6 Box 317, Saskatoon, Sask. S7N-0W0. for \$3.25.

2) A chart by Leo on what you get for membership in the RASC was distributed.

3) The 'scope building project needs a kick. Discuss it at:

4) An October 3rd observing session--occultation by Saturn of a star late that night.

5) Mercury at greatest western elongation about one week ago--see it in the morning (5:30--6:00)

6) The Orionids are coming--21 October.

A quick talk by Leo about the NGT--"next generation telescope" now being researched in the USA--1,000 inches!!!

Dues were paid by many and then Doug took tours up to the telescope and the meeting was adjourned at about 10:00.

R.A.S.C. - KINGSTON CENTRE

Why join the R.A.S.C. ?

What are the benefits of membership in the Royal Astronomical Society of Canada?

For your membership fee ($\$12.50$ a year or $\$7.50$ for persons under 18) you receive all of the following:

ITEM	VALUE.
1. The Journal and National Newsletter of the R.A.S.C. (published bi-monthly)	(subscription) \$25.00/yr OR (at \$5.00/copy) 30.00/yr
The Observer's Handbook	\$3.00 to \$5.00
Our Centre's Newsletter	-no subscription rate enforced.
Discounts at McLaughlin Planetarium bookstore, and at other stores for many items.	It will vary. For me in 1977 it was \$1.00 over 100.00
Use of Observatory telescope to members of our centre	"Hard to estimate."
2. Use of the R.A.S.C.'s considerable library resources and our Centre's library resources.	" " "
3. Access to our centre's periodicals	" " "
4. Advice of experienced amateurs on telescope building, and on many aspects of astronomy.	" " "
5. Free lectures by professional astronomers (3 are scheduled in the next 3 months) and by others.	" " "
6. Opportunity to attend R.A.S.C. annual Assembly (which includes a free dinner.)	" " "
7. Opportunity for exchange of ideas and fellowship with people who are also interested in Astronomy.	" " "
8. Outings, field trips, observing sessions led by knowledgeable amateurs.	" " "

Is membership not a real bargain?

TOTAL:
"CONSIDERABLE"

ROYAL ASTRONOMICAL SOCIETY OF CANADA?
KINGSTON CENTER.

QUE NS UNIVERSITY ASTRONOMY CLUB.

Welcome to all those new members who joined on the 27 th. of sept. and to all those who have shown up ⁿ since then. If you missed that meeting there will be another on Oct. 11.

For the new members here is a list of the club's executive.

President:
LEO ENRIGHT
Box 196 Sharbot Lake.

Vice President
DOUGLAS BAKER
497 Princess st.
Kingston

Secretary-Treasurer
SUE McDOUGALL
186 University Ave.

Feel free to come to us with any questions.

Due to the fact that the new members will not have information of events in the sky for the rest of 1977 there will be a regular article giving these events each month. Here is Octobers.

Date:	Time:	Occurance:
Mon. 3	05h	Occultation of SAO 98871 by Saturn
Tues. 4	16h	Jupiter 5°N of Moon
Wed 5	04h 21m	Last Quarter Moon
	22h	Mars 6°N of moon
Sat 8	23h	Venus 4°N of Moon
Wed 12	15h 31m	New Moon, Solar Eclipse,
Fri 14	02h	Uranus 2°S of Moon
Sun 16	09h	Neptune 3°S of Moon
Wed 19	07h 46m	First Quarter Moon
Fri 21	07 h	Orionid Meteors
Wed 26	18h 35m	Full Moon

