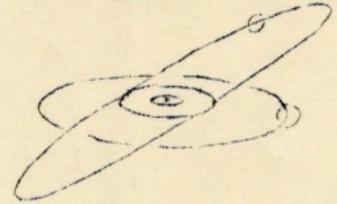


THE PROPERTY OF:
THE ROYAL ASTRONOMICAL
SOCIETY OF CANADA
252 COLLEGE ST.
TORONTO 2B



JUN 3 1966



MONTHLY NEWSLETTER

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

HALIFAX CENTRE

January 21st, 1966

EDITORIAL

For sometime now, in fact for close to four years, the Galaxy, the once monthly newsletter of the Halifax Branch of the R.A.S.C., has been silent. This month, it is hoped, the Galaxy will come to life once again.

This first issue is intended only to start things rolling again. At present, it is unknown whether the publication will be monthly, as in the past, or bi-monthly. This will depend only upon the work and effort put into its publication by the members of this society.

This is your society and it is only what you, the members, make it and only with the interest and active participation of you, the readers and members, can this publication hope to survive its rebirth.

Printed by the Nova Scotia Museum

To those who did not turn up, why did you not tell us the moon would be that close?

" " " " "

THE QUEEN ELIZABETH II TELESCOPE

Bulletin No. 1

1. Site: The site for the telescope has been selected as Mount Kobau between the southern Okanagan and Similkameen Valleys. This site was selected after a two-year investigation, the choice being based upon meteorological conditions, seeing, and a number of other relevant factors. Mount Kobau contains large relatively flat areas at elevations above 6,000 feet; its position is $119^{\circ} 40' W.$, $49^{\circ} 07' N.$

2. Telescope: The telescope generally will be multi-purpose to the extent that it will be used for direct photography, photographic and photoelectric photometry, and spectroscopy at a wide range of dispersions. The aperture will not be less than 150"; the optical parts will be made of fused quartz; the telescope tube will generally be of the 200"-telescope design and it will be mounted either in an equatorial fork or an equatorial yoke. The design will be arranged for observations at the prime focus, focal length approximately 36'; at one or more Cassegrainian foci, focal length approximately 112'; and at a coude focus, focal length approximately 1,000'. The exact focal ratios, and the well corrected fields to be specified, have not yet been decided.

3. Current Status: A survey to establish the route of an access road is underway and the road construction will begin as soon as possible. An engineering study covering all phases of the project is going forward in collaboration with a professional consultant. A recommendation for the procurement of the 150" blank has been prepared and plans have been drawn for the optical shop to make the large mirror and the other telescope optics. The most urgent design problem at present is that of the mirror-support system.

108 Roy Avenue, Apt. 102
Dorval, P.Q.
November 16, 1965

Dear Sir:

I plan to prepare a summary of observations of Comet Ikeya/Seki for the next "Bulletin" of the Comet and Nova Section. I hope the report will include the work of all Canadian Observers of this comet, and to assist me, could

you please send a summary of your own observations, and arrange to have a summary made of all your Centre's observations. Such a summary could list the following:

1. Name of Observer
2. Dates and times of observations
3. Magnitude estimates.
4. Length of tail.
5. Other remarks.

Copies of selected drawings and detailed reports would be most welcomed. Enclosed is a copy of C & N. Form #4, which explains how to make an observation of a comet.

Good Observing!

Jim Low, National Coordinator
Comet and Nova Section

COMET AND NOVA SECTION

OBSERVATIONS OF COMETS AND NOVAE:

A. Observation of a Comet:

1. Make a chart of the stars in the region of the comet, and identify several stars. Mark the comet's position. Note the date, time, and seeing conditions.
2. Make a detailed drawing of the comet, and comment on colour and unusual details. Estimate the magnitude by comparing it with stars out of focus.
3. Estimate or measure the angular diameter of the comet. If you know the diameter of the field of view of your telescope, the size of the object may be estimated in terms of the field of view. A more accurate method is to place the comet in the centre of the field and let it drift. By noting the difference in time between first contact with the edge of the field and when it is last seen leaving the field, the diameter can be found. Send this timing to the National Co-ordinator who will convert it to angular diameter.
4. Note any change in position during the observation.
5. Give details about the instruments used for the observation.

B. Observation of a Nova:

1. Estimate the magnitude and colour.
2. Note the date, time, and seeing conditions.
3. Make several observations a night during the first week or more after discovery, if possible.

For more details on Nova Observations, observers should contact the National Co-ordinator of the Variable Star Section. After discovery, a nova is classified as a variable star and, as a result, these two programmes are co-operating with each other.

The above outline is only a suggestion on how to observe Comets and Novae and need not be followed exactly. The National Co-ordinator will be happy to receive any reports of observations.

NOTICE OF MEETING

<u>Date</u>	January 26th, 1966
<u>Time</u>	8:00 pm
<u>Place</u>	The Planetarium Nova Scotia Museum of Science Spring Garden Road, Halifax
<u>Agenda</u>	Lecturer-Rev, Father Burke-Gaffney <u>Topic:</u> The Amateur Astronomer

MEMBERSHIP LIST

Dr. R. L. Aikens, 42 Bellevue Ave., Halifax, N. S.
Mr. John Baron, 1054 Ridgewood Drive, Halifax, N. S.
Sandra Beairst, 3533 Windsor, Street, Apt. 25, Halifax, N.S.
Mr. V. W. Bowers, Apt. 14, Kencrest Apts., Kencrest Ave., Halifax
Estella Clayton, 7011 Fielding Ave., Halifax, N. S.
Mr. B. E. Cooper, 5 Baker Drive, Armdale, N. S.
Dr. R. M. Cunningham, 71 Johnstone Ave., Dartmouth, N.S.
Mr. Harold Curran, P.O.Box 303, Halifax, N. S.
Dr. G. H. Daglish, Dept. of Anatomy, Forrest Bldg, Dal. University
Mr. P. E. Devine, Kingston, N. S.
Dr. M. Falk, N.R.C. Atlantic Regional Laboratory, Oxford St. Halifax
Mr. A. D. Gates, 20 Lawnsdale Drive, Dartmouth, N. S.
Miss Joslyn Grassby, 6100 Oakland Road, Halifax, N.S.
Mr. Gordon Harris, 56½ Lawrence Street, Halifax, N.S.
Mr. John Hault, 125 Jubilee Road, Halifax, N. S.
Mr. Alex Hewitt, 5819 College St., Halifax, N. S.
Mr. E. Allen Hodgson, 30 Virginia Ave., Dartmouth, N.S.
Lt. Mary King, Site 4, Box 21, S.S.1, Halifax-Armdale, Nova Scotia.
Mr. C. D. Manunsall, Apt. 11, 109 Albro Lake Road, Dartmouth, N.S.
Mr. Colin MacIver, R.R.#2, Sackville, Halifax Co. N. S.
Mr. Ron McGill, 19 Wayborn Road, Dartmouth, N.S.
Mr. Peter McGuigan, 1039 Bellevue Avenue, Halifax, N.S.
Mr. C.F.W. Moseley, 11 Pine St., Dartmouth, N.S.
Miss Lee Myrick, P.O.Box 7, Lower Sackville, Hfx.Co., N.S.
Miss Ruth J. Northcott, David Dunlap Observatory, Richmond Hill,
Ontario.
Mr. T. O'Driscoll, 6356 York Street, Halifax, N.S.
Mr. Brian O'Hagean, 19 Hammonds Plains Road, Bedford, N.S.
Mrs. P. J. O'Hagan, 190 Hammonds Plains Rd., Bedford, N.S.
Mrs. I. L. Poirier, 3219 Glendale Rd., Halifax, N.S.
Dr. J. W. Pritchard, Union Street, Bedford, N.S.
Mr. Doug. Rakin, Box 18, R.R.#1, Douglas Avenue, Beverly Hills,
Lower Sackville, N. S.
Mr. Aran Sheppard, 6130 Allen St., Halifax, N.S.
Mrs. Keith Thomas, Mineville, Halifax Co., N.S.
Mr. L. A. Treece, 6246 Shirley St., Halifax
Mr. G. Turnham, 15 Caseade Drive, Rockingham, Hfx.Co., N. S.
Mrs. W.B. Wallace, Kingsford Apts., #2-11, 61 Oxford St., Halifax
Mr. D. A. Watson, Site 11, S.S.#1, Bedford, N.S.
Rev. Fr. Burke-Gaffney, St. Mary's University, Halifax, N.S.
Bedford Institute of Oceanography, Dartmouth, N.S.
Halifax Memorial Library, Spring Garden Road, Halifax
National Research Council, Oxford St., Halifax
Naval Research Est., Grove St., Dartmouth, N. S.
President's Office, Dalhousie University, Halifax
President's Office, N.S. Tech. College, Spring Garden Rd., Halifax
President's Office, St. Mary's University, Robie St., Halifax
Royal Astronomical Society, Montreal Centre, 5162 Belmore Ave., Que.
Royal Astronomical Society, Toronto, Canada.
Vocational High School, Bell Rd., Halifax, N.S.
Principal's Office, St. Patrick's High, & Queen. Elizabeth High.