

C.M.O.S. NEWSLETTER

DECEMBER 1977

NUMBER 4

PRESIDENT'S REPORT

At a recent meeting of Council, the finances of the Canadian Meteorological and Oceanographic Society were reported as satisfactory in relation to the basic program planned for this year and next. This was good news for deficits seem commonplace these days.

Yet there are a couple of areas where more money is needed if the Society is to truly prosper. First, Atmosphere-Ocean must grow if it is to meet effectively the publishing needs of the two scientific communities that now make up the Society. Second, if the Society is to operate as a truly national organization, internal communication must be improved. This means a larger budget for Newsletter and more funds to support secretarial, telephone and telegraph; and travel costs of members of standing, special committees and of Council. As the Society matures, dependence on the generosity of other organizations must diminish and a greater share of the cost of internal operation will have to be shouldered.

Funds are obtained through fees and these were increased substantially at the most recent Annual General Meeting. Sustaining memberships are becoming a significant source of funds as the campaign directed by the Corresponding Secretary bears fruit. The AES Subvention - \$16,000 this year, provides nearly half of the annual cash requirement. Finally, gifts to the Society directed either to specific or general use are an occasional but very welcome source of extra money.

To meet the funding needs of a larger program, an approach is being made to Ocean and Aquatic Sciences with some hope of favourable consideration now that the advancement of oceanography is an aim of the Society. The drive for new members, both ordinary and sustaining, will be continued and we expect further success. But since we must be realistic about the additional funds that membership will generate in the near future, and since as an independent organization we must be free to comment on meteorology and oceanography at any level, we must not unnecessarily increase our dependence on government subsidy--other sources must be considered. One of these surely will be donations to the Development Fund already established by the generosity of members. Since the Society is a non-profit organization, donations to the Fund may be used as a tax deduction and, therefore, we commend your interest to it when donations or bequests are being considered.

In the spirit of the Season, Council joins me in wishing all members a Merry Christmas and a Happy New Year.

EDITOR'S COMMENTS

I have had very little "feedback" from our CMOS membership as to the type of Newsletter we would like to have. Because of this, I have established for myself the objective to report timely CMOS happenings.

Therefore, the restrictions on reporting are:

- a) all articles to strictly pertain to CMOS business (except for conference announcements); and
- b) no pictures or graphics to be used, thus ensuring quicker preparation and timely mailing of Newsletter.

Note: Anything goes for letters to the Editor.

Your comments about these guidelines or any other matter (hopefully controversial) are solicited.

Best of the Season to all the readers
of the CMOS Newsletter

Editor.

LETTERS TO THE EDITOR

"Dear Editor:

The second paragraph of the President's Report in CMOS' Newsletter of Oct. 77 invites comments on the Newsletter as a communications vehicle. I have found it a welcome addition to the output of our organization.

I am also a member of the Canadian Operational Research Society, another outfit that makes good use of a house letter under the title "C.O.R.S. Bulletin." A copy is enclosed. You may spot a useful idea or two from it.

A goodly number of meteorologists who entered the field in the late '30s and '40s have retired, or will be shortly, from direct responsibilities in met. and related fields. Hopefully many of these will maintain their association with CM & OS. News items relating to those who remain active on the field--through WMO or UN projects, consulting work, etc.--would add to their interest in Newsletter.

I wish you success in your task.

Regards,
Ed Barks "

The distinctive headings and graphics of the CORS Bulletin are very impressive, also the coloured pages. Thank you for your suggestions. Ed.

NEWS FROM YOUR NATIONAL EXECUTIVE (as of Nov. 2/77)

President	- Ken Harry	- Consultant (A.E.S.-retired)
Vice President	- Ron Burling	- Institute of Oceanography U.B.C.
Treasurer	- Garry Schaefer	- A.E.S. - B. C.
Recording Secretary	- Peter Sagert	- Air Engineering Division, Vancouver
Corresponding Secretary	- Brian Sagar	- Department of Geography Simon Fraser University Burnaby, B. C. V5A 1S6 (604) 291-3327

1. Second Executive Meeting of the C.M.O.S. was held September 14, 1977
 - a) Executive previewed the Vancouver Centre's film entitled "A Fore-

caster's Day";

- b) Dr. Burling contacted Paul Le Blond in the west (B.C.) and Fred Dobson in the east (to Quebec-Ontario border) with respect to increasing the oceanographic portion of the membership;
- c) Current membership is 727 ± 5 ;
- d) C.M.O.S. certification of weather forecasters deferred to February when the report by the Ad Hoc Committee on Meteorological Consulting Standards will be available;
- e) C.M.O.S. financial request to O.A.S. was denied due to fiscal constraints.

2. Third Executive Meeting of the C.M.O.S. was held October 18, 1977.

- a) Adoption of new letterhead for C.M.O.S.;
- b) Initial consideration of constitutional revisions;
- c) Confirmation of appointment to the awards, citation and nominating committees (see NEWS AND NOTES for list of committee members. Ed.);
- d) Encouragement of scientific committee to take an active role as advisor to council;
- e) Review by the Editor of Atmosphere-Ocean; revisions to appear in Atmosphere-Ocean publication.

3. Fourth Executive Meeting of the C.M.O.S. scheduled for November 16, 1977.

NEWS FROM YOUR CENTRES (as of November 2/77)

Vancouver: President - Paul Le Blond
 Vice President - John Knox
 Sec. Treasurer - Vello Puss
 Program Director - Noel Austin

The Vancouver Centre at their first meeting of the 1977-78 season elected a new slate of officers. The new executive as of October 13, 1977 are Paul Le Blond (U.B.C.), John Knox (U.B.C.), Vello Puss (Pacific Weather Centre) and Noel Austin (Beak Consultants). The speaker at this meeting was John Knox, U.B.C., Department of Geography. Mr. Knox's presentation was "The Ocean Precipitation Issue."

Alberta: President - Bob Humphrey
 Vice President - L. Wojtiw
 Sec. Treasurer - G. Lunn

The Alberta Centre held a meeting October 5. The speaker at this meeting was Ed. Stashko, Head of Weather Section Alberta Forestry Service. His talk was entitled, "Fire Weather Forecasting."

Regina: President - (vacant)
 Sec. Treasurer - P. J. O'Brien

The former President, Alex Paul, is on sabbatical leave in England. The Regina Centre will be making efforts to elect a President in the near future.

Winnipeg:

President - Doris Siemieniuk
Vice President - Jay Anderson
Sec. Treasurer - Pat Murray

New officers were elected after the former President, Mike Shewel, relocated to Resolute Bay. The speaker at the October 6 meeting was Mr. Bernie Wieb from Bristol Aerospace. The title of his talk was "Automatic Weather Reporting Stations."

The Winnipeg Centre with U. of Manitoba and U. of Winnipeg is attempting to get Dr. Fugita for their December meeting.

Toronto:

President - Nancy Waller
Treasurer - Fred Conway
Secretary - Isaac Savdie

An afternoon meeting is to be held November 9. The topic of discussion will be "Environmental Assessment and Review Processes." Speakers will be Dr. Munn (U. of T.), Dr. Wiebe (Environmental Management Service) and Dr. Phillips (Atmospheric Research Directorate AES). A visit from CCIW is scheduled for early December.

The Toronto Centre has notified the local school boards that they will supply a speaker service.

Ottawa:

President - Don Boyd
Vice President - Neil Campbell
Sec. Treasurer - Ken Morris

The Ottawa Centre held the first meeting of the 1977/78 season on October 20th. The speaker was J. R. Stallabrass from the National Research Council, Division of Mechanical Engineering. The title of the talk was "Measurements of the Concentrations of Falling Snow."

The next meeting is scheduled for November 30. The speaker is to be Dr. Mann from the Dartmouth Institute of Oceanography.

Montreal:

President - Conrad East
Secretary - Gilles Desautels
Treasurer - Serge Roy

Montreal Centre's first meeting was October 27. The speaker was Mr. N. Yakowar from the Bureau de Previsions du Quebec. Mr. Yakowar's talk was entitled "Hours of Sunshine a new Forecast Parameter."

The Centre's second meeting will be held November 9. The talk

will be "Observations de Depots de Givre a de Verglas pour L'Hydro Quebec." It will be presented by Beatrice Selin from Hydro Quebec.

Quebec: President - Gaston Paulin
Vice President - Raymond Poiré
Sec. Treasurer - Guy Bergeron

The first meeting was held October 18. As an opener, oysters and beer were served. To keep the rest of the meeting dry (Ed.) Mr. Raymond Perrier, Director of Hydrological Service Department of Natural Resources Quebec, spoke on "Equatorial Desertification."

The second meeting will be held November 16. Richard Asselin from Recherche an Prevision Numerique AES will talk on "Progress in Numerical Prediction." The third meeting will be held December 14. The speaker will be M. Gilles Taschereau. His presentation will be "Problèmes d'environnement de l'air."

The mobile meteorological unit described in the October 1977 Newsletter will be moved to a post secondary school in Charlesbourg for the month of November. The Quebec Centre will be attempting to pick popular topics such as wind energy, solar energy, etc. Notices of meetings will be sent to various organizations such as soaring clubs, flying clubs, St. Lawrence Pilots' Association, etc. in an attempt to boost attendance at meetings.

Halifax: President - R. Shaw
 Secretary - John Dublin
 Treasurer - Dave Dockendorf

The Halifax Centre meeting is scheduled for November 16. The speaker will be Mr. Graham Swith from Hermes Electronics. Mr. Swith will talk on "Canadian Ocean Data System," affectionately called CODS.

Material for a sample meteorological kit has been ordered. See list October issue of Newsletter for more about these kits.

NEWS AND NOTES

CBC FM Radio Program on Climate

CBC FM will be airing a four part series entitled "Running Hot and Cold - The Climate Controversy." Time will be 8:04 to 8:34 P.M. local and the dates - January 10, 17, 24, 31 (1978).

Call for Assistance

The Ontario Science Centre still requires volunteers (see October 1977 Newsletter). Please contact Nancy Waller for further details (416)667-4607.

CMOS Committees

1. Citation Committee: Van Gordon (Chairman), K. Denman, J. Powell, M. Sanderson, P. Sagert.

2. Awards Committee: E. R. Walker (Chairman), L. Parent,
E. R. Pounder, C. Young, H. M. Fraser
 3. Nominating Committee: J. R. Marshall (Chairman), D. M. Leahy,
D. Faulkner, M. E. Sabh, G. Schaefer
 4. Certification of Consulting Meteorologists Committee: D. P. McIntyre (Chairman), A. J. Chisholm,
M. Hirt, A. E. Boyer, M. Ferland, G. A. McKay
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1977 Subvention Payments

For the past number of years, the National Executive has made subvention payments to Centres in support of initiatives and activities undertaken at the level of most direct contact between members and their communities. Payments, listed below, were based, this year as last, on the following per capita formula:

First 10 memberships @ \$10.00 each
Next 20 memberships @ \$ 7.00 each
Next 70 memberships @ \$ 1.50 each
Next X memberships @ \$ 0.75 each

1977 Subventions

B. C. Centre	\$306.00	Ottawa Centre	\$277.50
Alberta Centre	\$304.50	Montreal Centre	\$348.75
Regina Centre	\$212.00	Quebec Centre	\$156.00
Winnipeg Centre	\$255.00	Halifax Centre	\$309.00
Toronto Centre	\$419.25		

Subventions for 1977 totalled \$2,588.00, down from \$2,944.75 in 1976, reflecting a slight drop in paid-up membership over the period. It is worth mentioning here that additional support may be provided to Centres for special projects as funds permit. Members are asked to put on their thinking caps and forward their ideas to Centre Executives for discussion.

Interim Financial Statement

Income to September 14, 1977

Dues & Subscriptions	\$14,965.96
Sustaining Members	500.00
AES Grant	16,000.00
Interest Earned	638.11
Dividends Cashed	35.64
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	\$32,139.71

Expenditures to September 14, 1977

Atmosphere (to Vol. 15, No.2)	\$16,804.10
Newsletter	1,442.82
Labels, etc.	59.90
Citation	103.06
U of T Press Commissions	2,993.20
Technical Editing	1,010.00
Scientific Committee	331.00
Congress Expenses	1,000.00
Centre Expenses	250.00
Travel Expenses	836.80
Prizes, Gifts, etc.	175.00
Office Expenses	8.24
Communications	19.09
Auditor	100.00
Translation	20.00
Information (C.M.S. Booklet)	111.85

\$25,265.06

Income Over Expenditures to Date

\$ 6,874.65

Assets on September 14, 1977

Cash	\$(3,453.72)
S/T Deposits	16,000.00
Development Fund	4,150.00
Development Fund Interest	407.12
Hornstein Fund	1,000.00
Hornstein Fund Interest	128.13
Canadian Savings Bonds	950.00
Canadian Savings Bonds - Coupons	593.75
Bell Canada Shares	576.00
Accounts Receivable	0.00

\$20,351.28

Liabilities

Accounts Payable	\$ 0.00
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\$20,351.28

Societies Equity January 1 & Operating Surplus

\$20,610.68

OUR NEW MEMBERS

Blanchet, J.P.	Montreal, P.Q.
Bolduc, P.A.	Ottawa, Ont.
Borthwick, S.	St. John's Nfld.
Chanut, J.P.	Rimouski, P.Q.
Conway, F.J.	Downsview, Ont.
Davison, D.S.	Calgary, Alta.
Denison, P.J.	Niagara Falls, Ont.
Garnett, E.R.	Winnipeg, Man.
Gilbert, R.	Chelsea, P.Q.
Goddard, F.L.	Fredricton, N.B.
Halpern, D.	Seattle, Wash.
Hartman, W.H.	Whitehorse, Y.T.
Jandall, T.	Vancouver, B.C.
Jerome, F.E.	Nanaimo, B.C.
Kirkwood, K.H.	Slemon Park, P.E.I.
Kochtubajda, B.	Edmonton, Alta.
Lambert, S.	Pirrefonds, P.Q.
Macarthur, B.	Vancouver, B.C.
Milne, A.R.	Sydney, B. C.
Okrainety, G.R.	North Vancouver, B.C.
Russell, W.E.	St. John's Nfld.
Sauze, M.	Beaconsfield, P.Q.
Sandeman, E.J.	St. John's Nfld.
Smith, P.C.	Dartmouth, N.S.
Theriault, M.	Sainte-Foy, P.Q.
Thomas, M.L.H.	St. John, N.B.
Tooms, D.R.	Vancouver, B.C.
Truck, P.	Calgary, Alta.
Wangersky, P.J.	Halifax, N.S.
Worsfold, R.D.	St. John's Nfld.

Three cheers for the recruiting drive in St. John's, Newfoundland. Ed.

Our New Sustaining Members

	Airflow Development (Canada) Ltd.	Richmond Hill, Ont.
	Alberta Modification Board	Three Hills, Alta.
(J.E. Sagar)	Beak Consultants	Vancouver, B.C.
(P. Lines)	Bendix Aviation Electric	St. Laurent, P.Q.
(B.C. Wiebe)	Bristol Aerospace	Winnipeg, Man.
	Dobrocky Seatech Ltd.	Victoria, B. C.
	Hermes Electronics	Dartmouth, N.S.
(D.S. Sloan)	MacDonald, Dettweiler & Associates	Vancouver, B.C.

ANNOUNCEMENTS

CALL FOR PAPERS - TWELFTH ANNUAL CONGRESS

The Twelfth Annual Congress and Annual General Meeting of the Canadian Meteorological and Oceanographic Society will be held at the University of Western Ontario, London, Ontario, at the end of May 1978. The theme of the

opening session will be "Energy, the Meteorologist and the Oceanographer" as presented by invited and contributed papers. Subsequent sessions will deal with contributed papers on meteorology and oceanography, including sessions of common interest, according to the papers submitted.

Titles and definite abstracts (less than 300 words) should reach the program committee by 1 February 1978. Papers on meteorology should be sent to Dr. D. R. Hay, Department of Physics, University of Western Ontario, London, Ontario, N6A 3K7. Papers on oceanography should be sent to Dr. Farrell M. Boyce, Canada Centre for Inland Waters, 867 Lakeshore Road, Burlington, Ontario, L7R 4A6.

Meeting/Workshop on Modelling of Snow Cover Runoff

Sponsored by the American Geophysical Union, American Meteorological Society, U.S. Army Corps. of Engineers and the National Weather Service, 26-29 September 1978 in Hanover, New Hampshire.

Prospective authors and others planning to attend should contact:
Dr. S. C. Colbeck, P.O. Box 282, U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, N.H. 03755

International Symposium on Long Waves in the Ocean Canadian Department of Fisheries and the Environment June 6-8, 1978

P U R P O S E:

To stimulate the exchange of information on current studies and practises in the field of long gravity waves in the ocean. Both the theoretical and practical aspects will be treated, including consideration of processes of generation, propagation and interaction, as well as methods of observation and analysis.

PROGRAM

Six sessions are planned, each consisting of an introductory lecture followed by approximately three hours of contributed papers. Tentative titles for the session are:

- 1) Tidal theories
- 2) Tidal observations and analyses
- 3) Instrumentation
- 4) Tsunami
- 5) Storm surge
- 6) Continental shelf waves.

ARRANGEMENTS

The sessions will be held in Ottawa, at the National Research Council, Sussex Drive, with the arrangements made by members of the Fisheries and Marine Service in Ottawa. The program committee comprises

G. Godin (Chairman), D. Quirt, T. S. Murty, W. D. Forrester, A. Bolduc and F. Barber.

REGISTRATION

A preliminary registration form is attached and should be returned as soon as possible to:

Organizing Committee
Long Wave Symposium
Marine Environmental Data Service
Department of Fisheries and the Environment
Ottawa, Ontario
Canada
K1A OH3

PRELIMINARY REGISTRATION, INTERNATIONAL SYMPOSIUM ON LONG WAVES IN THE OCEAN,
CANADIAN DEPARTMENT OF FISHERIES AND THE ENVIRONMENT, JUNE 6-8, 1978

Name: _____

Affiliation: _____

Address: _____

I will likely attend ☐ and plan to submit a contribution ☐

MH/GT

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LATE NEWS

All members and Centres are asked to aid the hard-working members of the Awards Committee and of the Citations Committee by submitting nominations! Names submitted for the President's Prize, the Prize in Applied Meteorology, the Graduate Students Prize and the Rube Hornstein Prize in Operational Meteorology will be welcomed by Dr. E.R. Walker, Frozen Sea Research Group, Institute of Ocean Sciences, 980 W. Saanich Road, Sidney, B.C., V8L 3S2.

Nominations of individuals and groups who have made outstanding contributions towards the alleviation of pollution or to the development of an environmental ethic will be gladly received by S. Van Gordon, 334 Belvidere Street, Winnipeg, Manitoba, R3J 2H3.