

ROYAL METEOROLOGICAL SOCIETY
Canadian Branch

ANNUAL REPORT OF THE EXECUTIVE COMMITTEE
For 1953

1. The year 1953 was marked by one of the outstanding events in the history of the Canadian Branch - The Toronto Meteorological Conference, held September 9 - 15. There were 231 guests registered at this Conference, including many of the outstanding names in the meteorological world, and the Conference was a rare opportunity for exchange of information on present day meteorological research. The papers presented at the Conference will be published by the Royal Meteorological Society in the Spring of 1954.
2. The Conference was jointly sponsored by the American Meteorological Society and the Royal Meteorological Society. It was made possible mainly by a very substantial grant of approximately \$6,000. from the Munitalp Foundation, plus assistance from commercial organizations. A moderate registration fee was paid by those attending, and in addition many speakers contributed substantially from private funds in order to be present.
3. Thanks are due to the University of Toronto for making accommodation available at nominal cost and to the several Meteorological Services, Universities and Research Establishments to whom delegates belonged. It was indeed a pleasure to be associated with an undertaking that was marked by such generous cooperation and was such an outstanding success.
4. The Canadian Branch, in accordance with a motion passed at the Annual Meeting in January 1953, contributed \$300. towards a reception for the delegates.
5. While the Conference itself lasted only a few days, the preparations lasted well over a year, and entailed a great deal of work by the sponsoring Societies. The American Meteorological Society, the Royal Meteorological Society in the U.K., and the Canadian Branch shared in the effort. Naturally, because of location, a great deal of the time-consuming detailed work fell upon those in the Toronto area. This, plus an unusually large program of international conferences in 1953, made heavy demands upon members in the Toronto area.
6. 1953 did, however, see what we consider an important step forward in the development of the Branch. We refer to the formation, in November, of a Centre of the Canadian Branch in Montreal. There is a large number of meteorologists in the Montreal area - 30 were present at the meeting at which the Centre was founded, and it is estimated that the potential membership is at least double this. The Montreal Centre proposes to hold five or six meetings per year at which papers will be presented and discussed. The formation of the Montreal Centre marks an increase in the field of regular scientific meetings, an activity that has heretofore been mainly confined to the Toronto area, and approximately doubles the activity of the Canadian Branch in this respect. Not only is the Montreal Centre an important medium for dissemination of scientific information, but is expected to be a stimulus to research and to increased membership. Hearty congratulations are due to those in the Montreal area whose initiative led to the formation of this Centre.

7. At the end of 1953, our enrolled membership was 357, as compared to 350 at the end of 1952. Of these 19 were under suspension for non-payment of 1952 fees, as compared with 15 under suspension a year ago for non-payment of 1951 fees.

8. Of the 15 under suspension for non-payment of 1951 fees, 3 paid up their arrears and the remaining 12 were dropped from membership after final notice.

9. 15 members resigned and we received notice of one member deceased late in 1952.

10. 42 new members were elected. A few of these have not taken up their membership yet, and are not included in our figure for the total membership.

11. 2 members transferred in from the U.K., and two transferred out.

12. At the end of 1953, 48 members were in arrears of fees. Payments from these members are still coming in at a fairly good rate.

13. The 1953 Executive Committee consisted of:

President	-	Dr. D.P. McIntyre
Vice President	-	Mr. D.C. Archibald
Treasurer	-	Mr. A.H. Mason
Secretary	-	Mr. R.C. Graham
Councillors-at-Large	-	A.R. McCauley, Vancouver D.H. Smith, Edmonton J.M. Leaver, Montreal R.A. Hornstein, Halifax W.E. Turnbull, Malton.

14. Mr. F.W. Benum, Past President, was appointed as Vice President for Canada on the Executive Council of the Parent Society.

15. The following Assistant Secretaries were appointed by the Executive Committee:

Editorial	-	Mr. P. Saltzman
Public Relations	-	Mr. C. Mateer

16. The following standing committees were appointed for 1953:

16.1 Scientific Papers Committee:

Convener	-	Dr. W.L. Godson, Mr. K.T. McLeod, Mr. C.M. Penner
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16.2 Referees Committee:

Convener	-	Mr. D.E. McLellan, Mr. Paul Johns, Mr. F.J. Mahaffy.
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16.3 Membership Committee:

Convenor - Mr. D. Strachan.

16.4 By-Laws Committee:

Convenor - Mr. F.W. Benum,

Mr. P.D. McTaggart-Gowan,

Mr. C.C. Boughner.

17. The Executive Committee held four meetings during its tenure of office. The reason for this small number of meetings is that, as a result of previous experience, it was decided to transact as much routine business as possible by telephone coordination, among the members of the Executive Committee, rather than hold it for periodic formal meetings.

18. The following meetings of the Canadian Branch were held in Toronto during 1953:

- January 29 - Annual Business Meeting.
- 29 - Mr. F.W. Benum "The Canadian Branch-RMS"
(Presidential address)
- 29 - Mr. H. Cameron - "Aerial Environment
of the Forest".
- February 26 - Mr. G.W. Robertson -
"Some Agro-Meteorological
Problems in Canada".
- March 26 - Mr. M.K. Thomas - "Winter Temper-
atures at Toronto".
- May 7 - Mr. H.W. Baynton - "The Role of
Meteorology in the Detroit - Windsor
Air Pollution Study".
- 29 - Mr. H.H. Bindon - "Developments in the
Canadian Radiosonde"
- Mr. Wendell R. Smith "The Adaptation of
the Canadian Radiosonde to Rawinsonde"
- Mr. A.W. Hooper "A Refrigerated Pressure
Calibration Chamber for the Cana-
dian Radiosonde".
- October 29 - Mr. J.C. Dillon - "Forest Protection
in Ontario."
- November 26 - Dr. O.J. McConkey - "Conversation
and World Agriculture".

19. The Presidents Prize for 1952, a copy of the Canadian Oxford Atlas, was awarded to Mr. W.E.K. Middleton for his paper "The Estimation and Measurement of Visual Range".

20. The first Darton Prize for 1952 was awarded to Dr. D.P. McIntyre for his paper "A Technique for Wind Analysis and Forecasting as Applied to Victoria, B.C.", which appeared in the April 1952 issue of the Quarterly Journal.

21. The second Darton Prize was awarded to Mr. F.W. Benum for his paper "Meteorology and Aviation", which was published in Volume 3 No. 1 of the Canadian Branch Publications.

22. To sum up the review of the past year, one might say that during the year, the Executive Committee felt some disappointment that they did not have time to carry all the ideas that occurred to them, but in retrospect it has been a successful year for the Branch. Membership is slightly up, the usual series of interesting regular meetings has been maintained, a substantial number of papers and articles by Branch members have appeared in various publications, the Toronto Meteorological Conference was a success, and the Montreal Centre has been started. The Branch is in a healthy state and continued progress is forecast.

R.C. Graham

**R.C. Graham,
Secretary.**

ROYAL METEOROLOGICAL SOCIETY

CANADIAN BRANCH

Minutes of the 12th Annual Business Meeting of the

Royal Meteorological Society, Canadian Branch

Held in Toronto, January 31, 1952

1. The 12th Annual Business Meeting of the Canadian Branch of the Royal Meteorological Society was held in Room 61, Economics Building, 273 Bloor Street West, Toronto, on January 31, 1952. Mr. F.W. Benum called the meeting to order at 1530EST.

2. Minutes of Previous Meeting

.1. Copies of the minutes of the 11th Annual Meeting, held on January 25, 1951, together with the reports of the various committees, had been distributed to members in and around Toronto prior to the meeting. Mr. A. Thomson moved the adoption of the minutes which was seconded by Mr. J.R.H. Noble. The minutes were approved without amendments.

3. Report of the Executive Committee

.1. The Secretary presented the report of the Executive Committee with a few explanatory remarks on the various items included. The Secretary moved that the report of the Executive Committee be adopted. This was seconded by Dr. W.L. Godson and carried.

.2. There was some discussion of item 3.2.5. in the Executive Committee report concerning the relationship of the Canadian Branch to the Parent Society. The President stated that although at one time, he had felt that perhaps the Canadian Branch should aim at more independence from the Parent Society, he was now of the opinion that it would be preferable to remain as a Branch of the Royal Meteorological Society and to solidify our present position.

.3. Mr. R.W. Longley deplored the fact that there seemed to be a tendency during the past two years to cater more to the sub-professional type of member at meetings of the Canadian Branch than to the professional type and was of the opinion that a greater emphasis should be placed on research by the Canadian Branch. The President was of the opinion that the incoming Executive should give this matter careful consideration when arranging the meetings for the coming year and when developing the new By-Laws of the Branch.

4. The meeting endorsed the procedure for dealing with delinquent members, as recommended in Section 3.2.11. of the Executive Committee report. Mr. A. Thomson moved that this procedure be adopted as recommended, namely, that if a member is in arrears for one year, his publications will be discontinued, and if he is in arrears for two years, his name will be stricken from the membership list. This was seconded by Dr. D.P. McIntyre.

4. Treasurer's Report

.1. Mr. M.K. Thomas, Treasurer, moved that the Treasurer's report be adopted. This was seconded by Mr. C.M. Penner.

.2. Mr. H.E. Chadburn inquired whether any figures should show up in the report for members who had not paid their fees in 1951, but whose fees the Canadian Branch had forwarded to the Parent Society. The Treasurer advised that the books were closed as of December 31, 1951 and that the fees for these delinquent members had been written off. If any of these delinquent members paid their 1951 fees in 1952, they would show up as a profit in 1952.

5. Vote of Thanks to Mr. F. Hughes

.1. Mr. Thomas moved a vote of thanks to Mr. Hughes who acted as auditor for the year 1951, and that the Secretary be directed to write a letter of thanks to Mr. Hughes. This motion received the unanimous approval of the meeting.

6. Appointment of Auditor for 1952.

.1. In the absence of the convenor, Mr. F.D. Thompson, the Secretary presented the Annual Report of the Membership Committee. The Secretary pointed out that the main effort of the Membership Committee in 1951 had been directed towards obtaining 100% membership among the professional meteorologists in Canada. A canvass was also conducted for members among Canadian Geographers with encouraging results.

.2. The meeting felt that Mr. Thompson's objective of 100% membership among the professional meteorologists in Canada should continue to be aimed at by the Membership Committee in 1952. It was felt that the incoming Membership Committee should investigate the possibility of selling subscriptions to Royal Meteorological Society publications to libraries of universities and corporations as suggested by Mr. Thompson.

8. Vote of Thanks to Mr. F.D. Thompson

.1. Mr. H.E. Chadburn moved a hearty vote of thanks to the Membership Committee and to Mr. F.D. Thompson for the successful membership campaign carried out during 1951. Special mention was made of the successful drive for new members among the professional meteorologists. The Secretary was also instructed to write a letter of thanks to Mr. Thompson. This motion received the unanimous approval of the meeting.

9. Report of the Referee Committee

.1. Dr. D.P. McIntyre, Convenor, presented the report of the Referee Committee and moved its adoption. This was seconded by Mr. C.C. Boughtner and carried.

10. Report of the Scientific Papers Committee

.1. Mr. H.H. Bindon, Convenor, presented the report of the Scientific Papers Committee. Mr. C.M. Penner moved that this report be accepted as read. This was seconded by Mr. K.T. McLeod.

11. Report of the By-Laws Committee

.1. The President presented the report of the By-Laws Committee. Mr. R.W. Rae moved that this report be adopted as read. This was seconded by Mr. D.C. Archibald.

.2. In the discussion on the report of the By-Laws Committee, Mr. Archibald inquired whether the members of the Canadian Branch would have an opportunity to comment on the By-Laws before they were adopted. The President replied that a draft of the By-Laws would be drawn up and distributed to all the members for comment during the year and that the final draft of the By-Laws would be submitted for approval at the next annual meeting.

12. Report of the President's Prize Committee

.1. The President announced that the winner of the President's Prize was Mr. G.W. Robertson for his paper on "Low Temperature Fog at Edmonton Airport as Influenced by Gas Combustion".

.2. The President also announced that the Committee had selected the following names to be recommended to the Royal Meteorological Society Council in connection with the Darton prizes.

First Prize: Burbidge, F.E. - "The Modification of Continental Polar Air over Hudson Bay".

Second Prize: Godson, Dr. W.L. - "Synoptic Properties of Frontal Surfaces".

.3. The President pointed out that Mr. Robertson's paper was received rather late in the year and had not been completely refereed as yet. However, it had been processed sufficiently that it was considered to be eligible for the President's Prize.

.4. There was some discussion concerning the eligibility of papers for the President's Prize, and since it appeared that the regulations governing the award of the President's Prize, were not entirely clear on this point, it was moved by Mr. R.W. Longley and seconded by Dr. D.P. McIntyre that a recommendation be passed to the incoming Executive to review the regulations governing the eligibility of papers for the President's Prize and the Darton Prize.

13. Proposed Fees Schedule for 1952.

.1. The President pointed out that the By-Laws of the Parent Society which became effective in 1951 specified that there would be an entrance fee for Associate members. Since the 1951 recruiting drive for new Canadian members had been begun on the assumption that there would be no entrance fee for Associate members, the Executive of the Canadian Branch were unwilling to begin assessing applicants for Associate membership an entrance fee in the middle of the year. Consequently, there were a number of Associate members who joined the Canadian Branch after the Parent Society By-Laws became effective and yet did not pay an entrance fee.

.2. Although no entrance fees were collected for these members, the Executive felt that the Canadian Branch was morally obligated to forward entrance fees for these members to the Parent Society.

.3. After considerable discussion, it was moved by Mr. J.R.H. Noble and seconded by Mr. H.E. Chadburn, that an entrance fee be made applicable to Associate members joining after January 1, 1952. The motion was unanimously carried.

.4. A motion was also made by Mr. J.R.H. Noble that the Canadian Branch share of entrance fees be paid by the Canadian Branch to the Parent Society for those Associate members who joined in 1951 after the Parent Society By-Laws became effective. This motion was seconded by Dr. W.L. Godson. A vote was taken and the motion was carried with 13 voting for and 4 against.

.5. The Secretary advised that the Parent Society has agreed that a contribution by the Canadian Branch of £2 less 15% for each Associate member would be satisfactory. At the present time, the contribution which is being made by the Canadian Branch for each Fellow is £3 3s less 25%. The Executive felt that it would assist the Parent Society slightly with their financial problems and also aid the Canadian Branch in their bookkeeping, if the Canadian Branch contributions for Associates and Fellows as well as the Entrance fees were made uniformly the same as the fees specified in the Parent Society By-Laws, less 15%. The Secretary was instructed to convey this proposal to the Parent Society.

.6. The Treasurer pointed out that even though the contribution of the Canadian Branch was being increased slightly for each member, it would not be necessary to increase fees for 1952. After some discussion, it was moved by Mr. H.H. Bindon that the annual fees for members in the Canadian Branch for the year 1952 shall be as follows:

- (a) Initiation fee - \$2.45 for both Associates and Fellows.
- (b) Fellow's Annual Fee - \$8.65
- (c) Associate Member's Annual Fee - \$6.75

The motion was seconded by Mr. D.C. Archibald and carried. The By-Laws of the Canadian Branch are hereby amended respecting the amount of the contributions of the members.

14. Report of the Nominating Committee

.1. The President presented the report of the Nominating Committee which consisted of:

- F.W. Bonum - Chairman
- H.H. Bindon
- D.C. Archibald
- C.C. Boughner
- A.M. Crocker

The following members were declared the Officers and Councillors-at-Large for 1952.

Officers

President - F.W. Benum
Vice-President - D.C. Archibald
Secretary - R.C. Graham
Treasurer - A.H. Mason

Councillors-at-Large

D.N. McMullen - Vancouver
W.R. Fryers - Regina
Dr. D.P. McIntyre - Toronto
J.M. Leaver - Montreal
P. Johns - Gander

.2. The Nominating Committee submitted the following nomination to be recommended to the Executive Council as Vice-President for Canada - Andrew Thomson.

.3. It was moved by Mr. C.M. Penner and seconded by Dr. D.P. McIntyre that Mr. Andrew Thomson be recommended to the Executive Council as Vice-President for Canada.

15. Announcement by Mr. A. Thomson Concerning Manitalp Fund

.1. Mr. A. Thomson advised that through the kindness of the Manitalp fund, a sum of \$3,000 was available to promote a joint Royal Meteorological Society-American Meteorological Society meeting which would be held in Toronto. It was planned that this meeting would be held in the summer of 1953.

16. Election of Associate Members

.1. The Secretary pointed out that during a meeting with Prof. Sheppard of the Parent Society last summer, it was mutually agreed that it would be satisfactory for the Canadian Branch to elect new Associate members and that the Canadian Branch need only send the Parent Society the names of newly elected Associate members. It was moved by Mr. R.W. Longley and seconded by Mr. C.C. Boughner that a procedure be adopted whereby the names of applicants for Associate membership will be announced and submitted for election at regular meetings of the Canadian Branch by someone appointed by the Membership Committee, if this procedure complies with the By-Laws of the Canadian Branch and is acceptable to the Parent Society. The motion was carried.

17. Vote of Thanks to the Outgoing Executive

.1. In moving a vote of thanks to the outgoing Executive, Mr. J.R.H. Noble stated that the steady increase in membership and the fact that the Canadian Branch showed a profit in 1951 for the first time in many years, indicated that the affairs of the Canadian Branch were in a healthy condition. He attributed this in large measure to the untiring efforts of the Executive. This motion was endorsed by the meeting with a hearty round of applause.

.2. The President thanked Mr. Noble on behalf of the outgoing Executive.

18. Adjournment

.1. It was moved by Dr. W.L. Godson that the meeting adjourn. This was seconded by Mr. J.R.H. Noble and carried.

.2. The meeting adjourned at 1715EST.

R. W. Rae.

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Secretary

F. W. Zeman.

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President