

Eastern
Snow
Conference

Proceedings of the
1979
Annual Meeting



PROCEEDINGS OF THE
THIRTY-SIXTH ANNUAL
EASTERN SNOW CONFERENCE

JUNE 7 and 8, 1979
ALEXANDRIA BAY, NEW YORK

FOREWORD

In keeping with the objectives of the Eastern Snow Conference "to collect, disseminate and analyze data relating to snow and ice", the Executive Committee of the Conference is pleased to submit this copy of the Proceedings, Volume 24, in recognition of the Thirty-Sixth meeting of the Conference.

The Eastern Snow Conference is an informal group of businessmen, engineers, foresters, hydrologists, meteorologists, scientists and educators from the Eastern United States and Canada, which meets annually at some pre-selected location in New England, New York or Canada. The purpose of these meetings is the interchange of information related to snow, ice, frost, hail and other phenomena associated with the winter season.

The 1979 meeting of the Conference and associated manufacturer's display was held at the Thousand Island Club/Resort at Alexandria Bay, New York. In 1980, the group will meet again in early June at the Red Oak Inn, Peterborough, Ontario.

Membership in the Conference is open to all interested individuals. Annual dues are only ten dollars (U.S.) and this includes one copy of the Proceedings, plus any other data distributed by the Conference. Additional copies of current Proceedings may be obtained from the Proceedings Editor or Secretary. Copies of many of the back issues are available from the Secretary.

Publication of these Proceedings was made possible in part by Corporate Memberships in the Conference held by the following:

1. C.T. Main, Prudential Center, Boston, Massachusetts, 02199
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5. An Anonymous ESC Member

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Thirty-Sixth Annual Meeting, June 7 and 8, 1979

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EASTERN SNOW CONFERENCE STUDENT AWARD FOR SNOW RESEARCH - 1979

Each year the Eastern Snow Conference offers a Student Award to the student submitting the best paper on snow research as judged by members of the Research Committee. The award carried a \$100 cash value. In addition the Conference will pay the travel expenses (up to \$250) of the student to attend the meeting and present the paper.

The submissions for 1979 are listed below:

"A Discussion on Snowmelt"	P.C. Baracos Faculty of Engineering Dept. of Systems Design University of Waterloo Waterloo, Ontario
"Snow Drifting Studies"	B. Black School of Architecture Nova Scotia Technical College Halifax, N.S.
"Codroy Pond - A Snow Study"	G.D. Conway School of Architecture Nova Scotia Technical College Halifax, N.S.
"Some Factors Affecting the Spring Snowmelt Within Narrows Mountain Brook Basin, A Forested Watershed in Central New Brunswick"	Andrew MacLean Gordon, B.Sc.F. School of Forestry University of New Brunswick Fredericton, N.B.
"Freezing Rain the Montreal Area"	Margaret E. Leech, M.Sc. Dept. Meteorology McGill University Montreal, Quebec
"A Comparative Study of Ice Regimes During Freeze-Up Period on the Indian River"	J.S. Price Dept. of Geography Trent University Peterborough, Ontario
"The Relationship Between a Lake Ice and Snow Cover and Zoo-plankton Distribution"	Nigel T. Roulet and Bryan R. Wolfe Dept. of Geography Trent University Peterborough, Ontario

The 1979 prize was awarded to Margaret E. Leech.

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