

program

excerpts from the Annual Meeting of the American Association for the Advancement of Science; February 18–24, 1976, Boston, Mass.

General Information

Information concerning program, exhibits, tours, special events, registration, and accommodations may be obtained from the AAAS; 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005; or by referring to current issues of *Science*.

The American Meteorological Society will participate as a co-sponsor of the sessions listed below.

All sessions were planned and initially arranged by Stanley A. Changnon, Jr., Secretary of Section W of AAAS. Section W is concerned with the Atmospheric and Hydrospheric Sciences.

The meetings will be held in the Sheraton-Boston Hotel and in the John B. Hynes Memorial Auditorium which adjoins the Hotel. Sessions will be between 0900 and 1200 and 1500 and 1800.

Wed., Feb. 18, 3:00 p.m.
(Independence Room—
Center Section,
Sheraton-Boston)

Progress in the Hydrospheric Sciences in America

Program arranged by William C. Ackermann, Illinois State Water Survey, Urbana, Illinois

Chairman: William C. Ackermann

Water quality. Bernard Berger and Leonard B. Dworsky

Irrigation and hydropower. Ellis L. Armstrong

Urban water resources. M. B. McPherson

Floods. Bob J. Buehler

Soil and water conservation. William C. Ackermann

Thurs., Feb. 19, 9:00 a.m.
(Independence Room—
Center Section,
Sheraton-Boston)

Progress of the Atmospheric Sciences in America: A Bicentennial Review

Program arranged by W. W. Kellogg, National Center for Atmospheric Research, Boulder, Colorado

Chairman: W. W. Kellogg

The evolution of theories to explain the development of storms. Gisela Kutzbach

The history of cloud physics and scientific attempts to modify precipitation. Wendell A. Mordy

The history of our ability to observe the atmosphere in 3-dimensions. Verner E. Suomi

Thurs., Feb. 19, 3:00 p.m.
(Independence Room—
Center Section,
Sheraton-Boston)

The Meteorology and Chemistry of the Stratosphere

Program arranged by James P. Friend, Drexel University, Philadelphia, Pennsylvania

Chairman: James P. Friend

Transport in the stratosphere. Jerry Mahlman

Stratosphere-troposphere exchange processes. Edwin F. Danielson

Dynamics and energetics of the stratosphere. Reginald E. Newell

Composition and chemical reactions of the stratosphere. James P. Friend

Fri., Feb. 20, 9:00 a.m.
**(Fairfax B Room,
Sheraton-Boston)**

Climate and Plant Productivity

Chairman: E. R. Lemon

How is our climate fluctuating? Helmut E. Landsberg

Does man influence climate? W. S. Broecker

Net primary production of the earth: An appraisal of human influences. George M. Woodwell

Impact of climate on crop production. James D. McQuigg

What can the farmer do to cope with the weather? Paul E. Waggoner

Mon., Feb. 23, 3:00 p.m.
**(Room 202,
Hynes Auditorium)**

Climate in the United States since 1776

Program arranged by J. M. Mitchell, Jr., Environmental Data Service, NOAA, Silver Spring, Maryland

Chairman: J. M. Mitchell, Jr.

Meteorology in 1776 and the weather of the American War of Independence. David M. Ludlum

Climatic experiences of the forty-niners crossing the Great American Desert. Merlin Lawson

200-year history of drought occurrence in western United States as inferred from tree rings. Charles W. Stockton

Changes of Pacific coastal climate since the mid-19th century. Gunnar Roden

Tues., Feb. 24, 9:00 a.m.
**(Independence Room—
Center Section,
Sheraton-Boston)**

Severe Storms and Society

Program arranged by Louis J. Battan, University of Arizona, Tucson, Arizona

Chairman: Louis J. Battan

Phenomenology of storms. Chester W. Newton

Socio-economic impacts. E. Ray Fosse

Can severe storms be modified? Ray Booker

Prediction of severe storms. Robert Miller

Warning and communication for storms. Peter McManamon