# Calendar of Meetings

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<th>Year</th>
<th>Location</th>
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<td>1977</td>
<td>Miami Beach, Fla.</td>
<td>Dec. 13-16</td>
<td>†11th Technical Conference on Hurricanes and Tropical Meteorology</td>
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<tr>
<td>1978</td>
<td>Savannah, Ga.</td>
<td>Jan. 29-30</td>
<td>†Eighth Conference on Weathercasting (Radio and TV)</td>
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<td></td>
<td>Savannah, Ga.</td>
<td>Jan. 30-Feb. 2</td>
<td>†58th AMS Annual Meeting</td>
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<td></td>
<td>Washington, D.C.</td>
<td>Feb. 12-17</td>
<td>With AAAS Annual Meeting</td>
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<td></td>
<td>Atlantic City, N.J.</td>
<td>Mar. 14-17</td>
<td>†Fifth Conference on Fire and Forest Meteorology with SAF</td>
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<td></td>
<td>Atlanta, Ga.</td>
<td>Mar. 28-31</td>
<td>†18th Conference on Radar Meteorology</td>
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<td>Denver, Colo.</td>
<td>Apr. 10-14</td>
<td>†Fourth Symposium on Meteorological Observations and Instrumentation</td>
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<td></td>
<td>Miami Beach, Fla.</td>
<td>Apr. 17-21</td>
<td>With AGU Spring Annual Meeting</td>
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<td></td>
<td>London, Ont.</td>
<td>May</td>
<td>12th Annual Congress of CMOS</td>
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<td></td>
<td>Los Angeles, Calif.</td>
<td>May 2-5</td>
<td>†Conference on Flash Floods: Hydrometeorological Aspects and Human Aspects</td>
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<td></td>
<td>Asheville, N.C.</td>
<td>May 8-12</td>
<td>†Conference on Climate and Energy: Climatological Aspects and Industrial Operations</td>
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<td></td>
<td>Kiel, F.R.G.</td>
<td>May 16-20</td>
<td>GATE Symposium on Oceanography and Surface Layer Meteorology</td>
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<td></td>
<td>Innsbruck, Austria</td>
<td>June 1-3</td>
<td>Meteorological Symposium on Remote Sounding of the Atmosphere from Space with COSPAR's XXI Plenary Meeting (May 29–June 10)</td>
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<td></td>
<td>Ottawa, Ont.</td>
<td>June 6-8</td>
<td>International Symposium on Long Waves in the Ocean</td>
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<td>Seattle, Wash.</td>
<td>June 13-17</td>
<td>With AAAS Annual Meeting, Pacific Division</td>
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<td>Lake Tahoe, Calif.</td>
<td>June 19-21</td>
<td>†Conference on Sierra Nevada Meteorology</td>
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<td>Norrköping, Sweden</td>
<td>June 19-23</td>
<td>WMO Symposium on Boundary Layer Physics Applied to Specific Problems of Air Pollution</td>
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<td></td>
<td>Toronto, Ont.</td>
<td>June 26-30</td>
<td>WMO Symposium on the Geophysical Aspects and Consequences of Changes in the Composition of the Stratosphere</td>
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<td></td>
<td>Davis, Calif.</td>
<td>June 28-30</td>
<td>†Third Conference on Atmospheric Radiation</td>
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<td>Châteauroux, France</td>
<td>July 20-29</td>
<td>16th OSTIV Congress</td>
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<td>Newport Beach, Calif.</td>
<td>July 24-26</td>
<td>Summer Computer Simulation Conference</td>
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<td>Columbus, Ohio</td>
<td>July 24-28</td>
<td>Symposium/Workshop on Solar-Terrestrial Influences on Weather and Climate</td>
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<td></td>
<td>Issaquah, Wash.</td>
<td>July 31-Aug. 4</td>
<td>†Conference on Cloud Physics and Atmospheric Electricity</td>
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<td>Boulder, Colo.</td>
<td>Aug. 7-11</td>
<td>†AMS Short Course on the Planetary Boundary Layer</td>
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<td>Poznan, Poland</td>
<td>Sept. 3-8</td>
<td>Eighth International Congress on Biometeorology</td>
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<td>Silver Spring, Md.</td>
<td>Oct. 16-19</td>
<td>†Conference on Weather Forecasting and Analysis and Aviation Meteorology</td>
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<td>Boston, Mass.</td>
<td>Oct. 23-26</td>
<td>†Second Conference on Atmospheric and Oceanic Waves and Stability</td>
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<td>New York, N.Y.</td>
<td>Nov.</td>
<td>†Conference on Meteorological Aspects of Aerospace Systems</td>
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<tr>
<td></td>
<td>San Francisco, Calif.</td>
<td>Dec. 4-8</td>
<td>With AGU Fall Annual Meeting</td>
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†Meetings administered by AMS. Other meetings AMS cosponsors or cooperates.

The Eighth Conference on Weathercasting (Radio and TV) will be held Sunday, 29 January (all day), and 30 January (morning) 1978, at the DeSoto Hilton Hotel in Savannah, Ga., in conjunction with the AMS Annual Meeting. Special sessions on the Winter of 1976–77 and on Education in Schools and Popular Meteorological Education, which should be of particular interest to the weathercasters, are being planned for the Annual Meeting immediately following the weathercasters’ conference.

The deadline for titles and abstracts has passed. Direct inquiries to the Conference Chairman: Harry A. Volkman, WGN-TV, 2501 Bradley Pl., Chicago, Ill. 60618.

Videotape cassettes of weathercasts of AMS Seal holders are being solicited. A Tape Selection Committee, composed of several Radio-TV Board members, will select a number of tapes submitted for presentation to the full AMS membership at the Monday morning session. The tapes selected will also form a nucleus for a possible presentation at meetings of the National Association of Broadcasters and/or the National Association of Radio-TV News Directors. Those tapes not selected will be returned to Seal holders by 31 December 1977. Tapes should be sent to the Conference Chairman (see address above).

The program was published in the October Bulletin.


The 58th Annual Meeting of the American Meteorological Society will be held 30 January–2 February 1978 at the DeSoto Hilton Hotel in Savannah, Ga. In conjunction with the Annual Meeting, the Eighth Conference on Weathercasting (Radio and TV) will be held Sunday, 29 January, and the morning of 30 January.

Coastal and Offshore Phenomena. The AMS Committees on Interaction of the Sea and Atmosphere and on Meteorology of the Coastal Zone are jointly arranging for sessions covering coastal and offshore phenomena on Wednesday and Thursday, 1–2 February, at the Annual Meeting.

The deadline for titles and abstracts has passed. Direct inquiries to: Dr. Earl C. Kindle, Old Dominion University, Dept. of Physics and Geophysical Sciences, Hampton Blvd., Norfolk, Va. 23508 (tel: 804-489-6493).

Chemistry of Aerosols and Their Sources in Polluted Atmospheres. The AMS Committee on Atmospheric Chemistry and Radioactivity is arranging a session on Thursday, 2 February, at the Annual Meeting for papers dealing with techniques for the identification of sources of aerosol constituents in polluted atmospheres.

The deadline for titles and abstracts has passed. Direct inquiries to: Dr. John W. Winchester, Florida State University, Dept. of Oceanography, Tallahassee, Fla. 32306 (tel: 904-644-6700).

The program was published in the October Bulletin.

Fifth Conference on Fire and Forest Meteorology, March 14–17, 1978, Atlantic City, N.J.

The Fifth Conference on Fire and Forest Meteorology, cosponsored by the American Meteorological Society and the Society of American Foresters, will be held 14–17 March 1978 at the Chalfonte-Haddon Hall in Atlantic City, N.J.

A preprint volume will be prepared and distributed to all speakers and participants. Each paper will be no more than 8 camera-ready pages in length. Authors’ institutes will be assessed page charges to defray expenses of publication. The deadline for manuscripts has passed.

The Program Committee consists of: Michael A. Fosberg, Chairman; James Cummings; Earl Estelle; Harvey P. Gibson; Monte Glovinsky; William Herbsheimer; and Robert Lamb.

The deadline for titles and abstracts has passed. Direct inquiries to Dr. Michael A. Fosberg, Rocky Mountain Forest and Range Experiment Station, 240 W. Prospect St., Ft. Collins, Colo. 80521.

The program is published on page 1347.


The 18th Conference on Radar Meteorology, sponsored by the American Meteorological Society, will be held at the Sheraton-Biltmore Hotel, 28–31 March 1978, in Atlanta, Ga. The Georgia Institute of Technology and the AMS Metropolitan Atlanta Chapter are the local hosts.

A preprint volume of all accepted papers will be published and distributed to preregistrants in advance of the conference. Preregistration and advance study of the preprint volume are recommended, as the sessions will be conducted on the assumption that attendants are familiar with the papers. Formal presentation of papers will be held to a minimum in order to allow ample time for questions and discussion.

The deadline for titles and abstracts has passed. Direct inquiries to: Dr. Robert G. Humphries, Program Chairman, 18th Conference on Radar Meteorology, Rm. 204, Campus Tower, 8625 112th St., Edmonton, Alta., Canada T6G 1K8 (tel: 403-432-8125).

The program is published on page 1359.


The Fourth Symposium on Meteorological Observations and Instrumentation, sponsored by the American Meteorological Society, will be held 10–14 April 1978 at the Holiday Inn Downtown in Denver, Colo. The AMS Committee on Atmospheric Measurements will organize the technical program. In addition, a Conference on Atmospheric Acoustics and a Conference on Atmospheric Measurements Using Aircraft will each overlap the closing sessions of the symposium and continue with more specialized topics. Field trips to the 300 m tower at the new Boulder Atmospheric Observatory and to the NCAR Research Aviation Facility are planned. The NOAA Wave Propagation Laboratory, the NCAR Atmospheric Technology Division, and the AMS Denver Chapter will be the local hosts. Families are welcome, and special arrangements may be made for those who wish to stay longer than the symposium dates.

The theme of the symposium will be “Remote sensing systems, their advantages and limitations, and requirements for complementary direct observations.” Invited papers supporting this theme are being arranged. In addition, papers were solicited for the featured topics and in such disciplines as
tower meteorology, meteorological data processing, networks and arrays, and new satellite tools. Problems of tropical and polar measurements were especially considered. Presentations will be limited to a maximum of 20 min per paper.

An exhibit of meteorological sensors and data-processing equipment is being planned. Prospective exhibitors should contact AMS headquarters.

The deadline for titles and abstracts has passed. Direct inquiries to either of the symposium Cochairmen: Julian Pike, NCAR, P.O. Box 3000, Boulder, Colo. 80307 (tel: 303-494-5151, ext. 745); or Freeman Hall, WPL/NOAA, Boulder, Colo. 80302 (tel: 303-499-1000, ext. 6359).

Complete camera-ready manuscripts of no more than 8 pages were due 2 December 1977. A preprint volume will be distributed to each of the participants and preregistrants (in U.S. and Canada) before the symposium.

Call for Papers
12th Annual Congress of CMOS, May 1978, London, Ont., Canada

The 12th Annual Congress and Annual General Meeting of the Canadian Meteorological and Oceanographic Society will be held at the end of May 1978 at the University of Western Ontario in London, Ont., Canada. 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 definitive 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, Dept. of Physics, University of Western Ontario, London, Ont., Canada N6A 3K7. Papers on oceanography should be sent to: Mr. Farrell M. Boyce, Canada Centre for Inland Waters, 867 Lakeshore Rd., Burlington, Ont., Canada L7R 4A6.


The Conference on Flash Floods: Hydrometeorological Aspects and Human Aspects, sponsored by the American Meteorological Society and the American Geophysical Union, will be held 2–5 May 1978 at the Airport Marina Hotel in Los Angeles, Calif.

Hydrometeorological Aspects. The first half of the conference (2–5 May) is being arranged by the AMS Committees on Hydrology and Severe Local Storms along with the AGU. Emphasis will be placed on the meteorological and the hydrological aspects of flash floods. Scientific and technical papers dealing with meteorological analysis and forecasting, modeling, observations, instrumentation, and hydrometric factors of flash floods were invited.

The deadline for titles and abstracts has passed. Direct inquiries to: Dr. Eugene L. Peck, Program Chairman, Conference on Hydrometeorological Aspects of Flash Floods, Hydrologic Research Lab., W23, National Weather Service/NOAA, Silver Spring, Md. 20910 (tel: 301-427-7619). Authors were notified by 1 December 1977 of papers accepted for inclusion in the conference preprint volume. The deadline for final papers will be 15 February 1978.

Human Aspects. The second half of the conference (4–5 May) is also being sponsored by the National Weather Service/NOAA, the U.S. Army Corps of Engineers, the state of California, and the Institute of Behavioral Science of the University of Colorado. Plans are being made for the state of California to observe "Flash Flood Awareness Week," 4–10 May 1978. Speakers representing various phases of the warning systems, civil preparedness, law enforcement, public education, human behavior, and the news media will be featured. Papers for this portion of the conference will be by invitation only. For further information, contact: Robert Bates, U.S. Army Corps of Engineers, Los Angeles District, P.O. Box 2711, Los Angeles, Calif. 90053 (tel: 213-688-5320).


The Conference on Climate and Energy: Climatological Aspects and Industrial Operations, sponsored by the American Meteorological Society, will be held at the Inn on the Plaza, 8–12 May 1978, in Asheville, N.C. The AMS Asheville Chapter will be the local host.

Climatological Aspects. The first half of the conference (8–10 May) will be devoted to climatological aspects. Papers were solicited on any areas related to applications of climatic information to energy concerns, problems, or policy. The sessions specifically planned include: Energy conservation; Solar and wind energy; Effects of power production on climate; and Effects of climatic change. The conference also will include a panel discussion on the role of the climatologist/meteorologist in formulation of a national energy policy.

The deadline for titles and abstracts has passed. Direct inquiries to the Program Chairman: Mr. Louis A. Westphal, Operating Location “A”/USAFETAC, Federal Bldg., Asheville, N.C. 28801 (tel: 704-258-2850, ext. 201 or 202).

Preprint Volume. There will be one preprint volume for the Conference on Climate and Energy: Climatological Aspects and Industrial Operations. Instructions and special paper will be furnished to each author of accepted abstracts. A complete camera-ready manuscript, including diagrams, must be received by 2 January 1978. Manuscripts must be either 2, 4, 6, but no longer than 8 pages in length. Page charges will be assessed to defray the cost of printing. A preprint volume will be distributed to each U.S. participant and preregistrant well before the conference.

Industrial Operations. The second half of the conference (10–12 May) will be devoted to industrial operations. The general topic is industrial meteorology. Papers were solicited on any areas concerning the application of meteorology to industrial situations. Specific topic areas of interest include: Energy and power generation; Engineering design studies; Engineering evaluation; Retail sales; Airline routing; Energy dispatching; Private forecasting; In-house forecasting service; and Instrument development manufacturing. Papers concerning client/consultant and management/scientist relationships were encouraged. Additional proposed papers have been considered for other topics of general interest within the industrial meteorology sector.

The deadline for titles and abstracts has passed. Direct inquiries to the Program Chairman: Dr. John C. Freeman, Institute for Storm Research, 4104 Mt. Vernon, Houston, Tex. 77006 (tel: 713-529-4891).
Call for Papers


The GATE Symposium on Oceanography and Surface Layer Meteorology will be held 16–20 May 1978 in Kiel, F.R.G. The symposium is sponsored by SCOR and IAPSO and IAMAP of IUGG, in consultation with WMO, IOC of UNESCO, and DMG. AMS will cooperate.

The purpose of the symposium is to combine results of the Oceanographic and the Boundary Layer Subprograms of GATE, focussing on processes in the ocean and the atmosphere that are influenced by air-sea interaction. The symposium will combine oceanographic and meteorological work on: 1) A-scale and equatorial, 2) B-scale, and 3) C-scale processes. The program will include invited lectures and contributed papers presented orally or by posters. The symposium is open to scientists from all nations who are involved in the analysis of GATE data.

Abstracts were due 10 December 1977 to: GATE Symposium, c/o Institut für Meereskunde, Düsternbrooker Weg 20, 2300 Kiel 1, F.R.G. Late abstracts will be considered. It is planned that an abstract volume will be prepared before the symposium and that GATE papers on the topics of the symposium will be published in special supplements of a reviewed journal.

Further information on registration, accommodations, accompanying persons, excursions, and a list of sessions and convenors are available in a second circular from the address given above.

Call for Papers

Meteorological Symposium on Remote Sounding of the Atmosphere from Space, June 1–3, 1978, Innsbruck, Austria

The Meteorological Symposium on Remote Sounding of the Atmosphere from Space will be held 1–3 June 1978 at the Kongresshaus in Innsbruck, Austria, in conjunction with COSPAR's XXI Plenary Meeting (29 May–10 June). The topics to be discussed are: 1) Retrieval methods, 2) Data utilization in modeling and atmospheric physics, and 3) Impact on forecasting and other practical applications.

The symposium will deal with the vertical distribution of quantities measurable from space: temperature, water vapor, ozone and other gaseous constituents, aerosol parameter, and liquid water content. Papers on extraction of wind profiles using techniques other than cloud displacement are encouraged.

Keynote papers will be invited on some of the topics. Sessions will deal with: retrieval methods, research and application in the troposphere and in the stratosphere/ mesosphere, according to the submission of contributions.

Abstracts of invited and contributed papers should be sent directly to: 1) Prof. H.-J. Bolle (Symposium Program Chairman), Innsbruck Univ., Schoepflstr. 41, Innsbruck-6020, Austria; and 2) The COSPAR Secretariat, 51, Boulevard de Montmorency, 75016 Paris, France. The deadline for abstracts is 15 February 1978.

Call for Papers

International Symposium on Long Waves in the Ocean, June 6–8, 1978, Ottawa, Ont., Canada

The International Symposium on Long Waves in the Ocean, sponsored by the Canadian Department of Fisheries and the Environment with the cooperation of the American Meteorological Society, will be held 6–8 June 1978 in Ottawa, Ont., Canada.

The purpose of the symposium is to stimulate the exchange of information on current studies and practices 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.

Six sessions are planned, each consisting of an introductory lecture followed by ~3 h of contributed papers. Tentative titles for the sessions are: 1) Tidal theories, 2) Tidal observations and analyses, 3) Instrumentation, 4) Tsunami, 5) Storm surge, and 6) Continental shelf waves.

The sessions will be held at the National Research Council, Sussex Dr., Ottawa, with the arrangements made by members of the Fisheries and Marine Service in Ottawa. The Program Committee members are: G. Godin, Chairman; D. Quirt; T. S. Murtley; W. D. Forrester; A. Bolduc; and E. Barber.

If you are interested in attending, or if you plan to submit a paper, please write as soon as possible to the Organizing Committee indicating your intentions: Organizing Committee, Long Wave Symposium, Marine Environmental Data Service, Dept. of Fisheries and the Environment, Ottawa, Ont., Canada K1A 0H3.
Call for Papers


The Conference on Sierra Nevada Meteorology, sponsored by the American Meteorological Society and the USDA Forest Service, will be held 19–21 June 1978 at Lake Tahoe, Calif.

The conference will deal with all aspects of mountain meteorology, with special emphasis given to problems of the Sierra Nevada region and the Lake Tahoe Basin, in particular. Topics expected to be included are: Mountain wind systems; Forecasting for mountainous regions; Toposcale and mesoscale meteorological analysis, modeling, and forecasting; Thermal structure in mountain valleys; Air quality; Precipitation distribution and augmentation; Use of snow survey data to supplement meteorological observations; Marine air influence; and Mountain climatology. Papers relating to the Sierra Nevada region and to the Lake Tahoe Basin will be emphasized, but papers of a more general nature are also encouraged.

Titles, 300-word reviewer’s abstracts, and short abstracts (100 words) for Bulletin publication should be sent by 15 January 1978 to: Dr. William T. Sommers, Pacific Southwest Forest and Range Experiment Station, P.O. Box 5007, Riverside, Calif. 92517 (tel: 714-787-1375).

A preprint volume will be prepared and distributed to all speakers and participants. Authors of accepted papers will be expected to submit camera-ready texts by 15 March 1978. Manuscripts must be either 2, 4, 6, or 8 pages long. Page charges will be assessed to defray printing costs. Instructions and special typing paper will be furnished for manuscripts.

The Program Committee consists of: William T. Sommers, Chairman; Douglas G. Fox; Peter F. Lester; James L. Smith; Thomas R. Crossan; Morris H. McCutchan; Bill C. Ryan; and Olin H. Fochner.

Immediately following the conference, the Bureau of Reclamation will hold a meeting on the Sierra Cooperative Pilot Project, the 10th in a series of open meetings designed to explore different viewpoints on the development of socially acceptable weather modification technology to meet water resource needs. The Bureau of Reclamation’s Skywater X Conference will be held 22–23 June 1978 at South Lake Tahoe, Calif. The Sierra Pilot Project design will be presented with supporting data from previous weather modification projects, as well as information collected in the project area (the American River Basin and surrounding areas of the Sierra Nevada) over the two preceding winter seasons. For additional information concerning the Skywater X Conference or the Sierra Cooperative Pilot Project, write to: Bureau of Reclamation, Div. of Atmospheric Water Resources, Attn.: Mr. Olin H. Fochner, Mail Code 1220, P.O. Box 25007, Denver Federal Center, Denver, Colo. 80225.
Call for Papers


The American Meteorological Society will hold its Third Conference on Atmospheric Radiation, June 28-30, 1978, on the campus of the University of California, Davis, Calif. The AMS Committee on Radiation Energy will be responsible for the technical program that will deal with all aspects of radiative energy exchanges in the atmosphere.

Tentative plans include sessions covering the following areas: 1) Radiative transfer in realistic atmospheres; 2) Instrumentation and measurements; 3) Radiation energy budgets; 4) Radiative properties of atmosphere and surface; 5) Radiation interactions in dynamical systems; and 6) Radiative effects in climate. In addition, there is a possibility of setting up sessions on one or two subject areas of a more specialized nature, if that proves to be desirable. A number of invited papers will be presented.

Titles and brief abstracts should be sent by 15 January 1978 to the Program Chairman: Prof. K. L. Coulson, Dept. of Land, Air, and Water Resources, University of California, Davis, Calif. 95616 (tel: 916-752-1450). Authors of accepted papers will be expected to submit camera-ready copies of extended abstracts of 1-4, single-spaced, 8½” x 11” pages by 1 May 1978 to be bound into a Conference Workbook for distribution at the conference.

Call for Papers

16th OSTIV Congress, July 20–29, 1978, Châteauroux, France

The 16th Congress of the International Scientific and Technical Gliding Organization (OSTIV—Organisation Scientifique et Technique Internationale du Vol à Voile) will be held 20–29 July 1978 at the site of the World Gliding Championships in Châteauroux, France. Technical and scientific sessions will be conducted, some jointly, at the Gliding Center in Châteauroux, which is situated ~200 km south of Paris and which can be reached by train from Paris (Austerlitz Station).

The program of the scientific sessions will be concerned with, but not restricted to, the following topics: Structure of thermals and convective fields; Organized convection systems; Radiative transfer in realistic atmospheres; Instrumentation and measurements; Radiative energy budgets; Radiative properties of atmosphere and surface; Radiation interactions in dynamical systems; and Radiative effects in climate. In addition, there is a possibility of setting up sessions on one or two subject areas of a more specialized nature, if that proves to be desirable. A number of invited papers will be presented.

Titles and brief abstracts should be sent by 15 January 1978 to the Program Chairman: Prof. K. L. Coulson, Dept. of Land, Air, and Water Resources, University of California, Davis, Calif. 95616 (tel: 916-752-1450). Authors of accepted papers will be expected to submit camera-ready copies of extended abstracts of 1-4, single-spaced, 8½” x 11” pages by 1 May 1978 to be bound into a Conference Workbook for distribution at the conference.

Call for Papers


The Summer Computer Simulation Conference will be held 24–26 July 1978 at the Newport Beach Marriott Hotel in Newport Beach, Calif. The conference is sponsored by SCS, ISA, AMS, and SHARE.

Under the conference theme of “Simulation Today,” the following topical areas are listed: Energy, Managerial and Social Sciences, Biological Systems, Environmental Sciences, Physical Sciences, Simulation Methodology, Hybrid Systems, Chemical Sciences, Hardware for Simulation, Aerospace Applications, Manufacturing Applications, Biomedical Simulation, Simulation Languages, Engineering Systems, and Continuous and Discrete System Simulations.

A 2-4 page summary should be submitted by 1 January 1978 to: Dr. Ralph C. Huntsinger, 1978 SCSC Program Chairman, Computer Science Dept. and Div. of Engineering, California State Univ., Chico, Calif. 95929 (tel: 916-895-2540 or 6442). Complete manuscripts of accepted papers will be due by 31 March 1978. Only papers that have not been presented or previously published should be submitted. Complete papers will be published in the Conference Proceedings. Questions concerning technical sessions should be addressed to the Program Chairman.

The Newport Beach Marriott Hotel is located at 900 Newport Center Dr., Newport Beach, Calif. 92660 (tel: 714-640-4000).

Call for Papers

Symposium/Workshop on Solar-Terrestrial Influences on Weather and Climate, July 24–28, 1978, Columbus, Ohio

The first of a series of biennial symposia/workshops on Solar Terrestrial Influences on Weather and Climate will be held 24–28 July 1978 at the Ohio State University in Columbus, Ohio. Sponsors include NASA, NOAA, Lockheed Palo Alto Research Laboratory, Ohio State University, and AMS.

The purpose of this symposium/workshop is to present and discuss experimental and theoretical results, to exchange information about ongoing programs, and to develop ideas for new approaches to sun-weather/climate research. The specific objectives are to determine the extent to which varia-
tions in solar outputs affect the terrestrial weather and climate, the physical processes involved, and the predictability of these effects. The program includes the following: Introduction, Correlation studies, Experimental data, Physical processes, Multiple workshops, and Symposium/workshop summary. It consists mainly of invited lectures and discussion; however, selected brief contributed papers will be included with the invited lectures.

Titles and 1-page abstracts in triplicate should be sent by 15 March 1978 to either of the Cochairmen: Dr. Billy M. McCormac, Lockheed Palo Alto Research Lab., Dept. 52-10, Bldg. 202, 3251 Hanover St., Palo Alto, Calif. 94304 (tel: 415-493-4411); or Dr. Thomas A. Seliga, Atmospheric Sciences Program, Ohio State Univ., 2015 Neil Ave., Columbus, Ohio 43210 (tel: 614-422-0764). Contributed papers are limited to 10 min presentation time. An edited proceedings is planned.

Preregistration forms and further information are available from either of the Cochairmen at the addresses given above.

Call for Papers


The Conference on Cloud Physics and Atmospheric Electricity, sponsored by the American Meteorological Society, will be held 31 July–4 August 1978 at the Providence Heights Education and Conference Center, Pine Lake, Issaquah (near Seattle), Wash. The conference is being organized jointly by the AMS Committees on Cloud Physics and Atmospheric Electricity.

The program will consist of 10 nonoverlapping sessions. One of the principal aims of the conference will be to integrate our present knowledge (observational and theoretical) of several important cloud and precipitation systems (stratiform, orographic, convective, and cyclonic) on scales ranging from the microphysical, through the mesoscale, and up to the synoptic. Special sessions will be arranged on each of these four cloud and precipitation systems. A special session on the Thunderstorm Research Program is also planned. Authors who wish their papers to be considered for inclusion in any one of these special sessions should indicate when they submit their abstracts. Other sessions, arranged along more conventional lines (e.g., cloud active aerosol, instrumentation, modeling, atmospheric electricity, etc) are also planned.

The Providence Heights Center is a ½ h drive from both the Seattle-Tacoma International Airport and downtown Seattle. It is situated on 243 timbered acres at the foothills of the Cascade Mountains. The Center is completely self-contained with overnight accommodations, meals, and recreation facilities (swimming pool, gymnasium, basketball, volleyball, tennis, bar, etc.).

Persons wishing to submit papers for consideration for inclusion in the conference should send three copies of a definitive abstract (not more than 500 words) and title by 2 January 1978 to the Program Chairman: Prof. Peter V. Hobbs, Atmospheric Sciences Dept., AK-40, University of Washington, Seattle, Wash. 98195 (tel: 206-543-5018).

A complete camera-ready manuscript, including diagrams, of accepted papers must be received by 27 March 1978 for inclusion in the preprint volume. Manuscripts must be either 2 or 4 pages long. Instructions and special paper for the manuscripts will be provided. Page charges will be assessed to defray printing costs.


A Short Course on the Planetary Boundary Layer, sponsored by the American Meteorological Society, will be held 7–11 August 1978 at the Harvest House in Boulder, Colo. The course will consist of a mixture of lectures and extended discussion periods on topics selected so as to comprise an integrated survey of our present understanding of the atmospheric planetary boundary layer and the methods by which the boundary layer is incorporated into prediction models.

Introductory lectures will present the physical and mathematical concepts used in analyzing the structure of the boundary layer including scaling principles, similarity laws, and matching theory. These will be followed by lectures on the methods of observing the planetary boundary layer, mean and statistical structure of the outer layer, diurnal variations, cloud formation and structure, semiempirical and comprehensive models of boundary layer motion, and parameterization techniques for atmospheric circulation models. In addition to the lectures, there will be time allotted for discussion.

Registration fee for the short course is $400 per person. Each attendee will receive a set of chapter manuscripts covering the material to be presented. A reception and dinner will be included.

The course will begin at 1:00 p.m. on Monday, 7 August, and will end at noon on 11 August. If enrollment is judged to be too large to be effective, a second section, beginning and ending one day later, will be established.

Technical questions may be directed to the Course Coordinator: Prof. A. K. Blackadar, Pennsylvania State Univ., Rm. 505-Walker Bldg., University Park, Pa. 16802 (tel: 814-865-0478).

The deadline for registration or statement of intent to register is 15 April 1978. Requests for applications should be sent to: Dr. Kenneth C. Spengler, Executive Director, American Meteorological Society, 45 Beacon St., Boston, Mass. 02108 (tel: 617-227-2425).

Tentative Course Outline

Aug. 7, Mon., p.m.: Concepts and Equations (Blackadar)
Aug. 8, Tues., a.m.: Similarity and Scaling (Tennekes)
 p.m.: Observational Methods (Hess)
Aug. 9, Wed., a.m.: Observed Characteristics (Dradoff)
 p.m.: Cloud Structure
Aug. 10, Thurs., a.m.: Semiempirical Models (Brown)
 p.m.: Comprehensive Models (Wyngaard)
Aug. 11, Fri., a.m.: Parameterization for Circulation Models (Anya)

Call for Papers


The Conference on Meteorology over Tropical Oceans will be held 21–25 August 1978 at the Royal Society's Rooms in London, England. The conference is being organized by the Royal Meteorological Society in collaboration with the Royal Meteorological Society.
Call for Papers

Eighth International Congress of Biometeorology, September 3–8, 1978, Poznan, Poland

The Eighth International Congress of Biometeorology will be held 3–8 September 1978 in Poznan, Poland. The congress is sponsored by the International Society of Biometeorology and cosponsored by the American Meteorological Society.


Persons wishing to submit papers for consideration for inclusion in the congress should send three copies of a definitive abstract to the appropriate session chairman as soon as possible.

Call for Papers

Conference on Weather Forecasting and Analysis and Aviation Meteorology, October 16–19, 1978, Silver Spring, Md.

The Conference on Weather Forecasting and Analysis and Aviation Meteorology, sponsored jointly by the American Meteorological Society and the National Weather Association, will be held 16–19 October 1978 at the Sheraton-Silver Spring Motor Hotel in Silver Spring, Md. The AMS Committees on Weather Forecasting and Analysis and Aeronautical Meteorology and the appropriate NWA committees will assist in arranging the technical program.

This conference is being organized to give particular attention to applied meteorology in the areas of support to the general public and to the aviation community. Papers are invited dealing with general weather forecasting including analysis techniques, short-period forecasting, and warnings, and with meteorological support to aviation operations. Papers dealing with forecasting weather hazards to flight, with case studies of weather situations hazardous to flight, and with how changes in the technology of weather detection, prediction, and display should be incorporated into pilot and controller education are particularly welcome.

As part of this conference, a special Symposium on Man and Machine in Weather Forecasting Systems is being organized by A. H. Murphy (NCAR) and L. W. Snellman (NWS). The purposes of this symposium are to evaluate the contributions of man and machine in current forecasting systems and to present and debate different points of view concerning the roles of man and machine in future forecasting systems. The latter is expected to include discussions of interactive man-machine subsystems. Individuals interested in making presentations during this symposium are urged to contact the organizers as soon as possible. The final program for the symposium is expected to consist primarily of invited participants.

Titles, reviewer's abstracts (200–400 words), and short abstracts (100-word limit) for BULLETIN publication should be sent by 17 April 1978. Acceptance of papers will be based on the reviewer's abstract. Send titles and abstracts to the Program Chairman: Mr. Vincent J. Oliver, Applications Group/S121, NESS/NOAA, Washington, D.C. 20233 (tel: 301-763-8282).

A preprint volume will be published and distributed to all speakers and participants. Submission of papers for the preprint will be voluntary. The deadline for manuscripts is 14 July 1978. Each paper submitted for the preprint will be no more than 8 camera-ready pages in length. Page charges will be assessed to defray expenses of publication.

Because of the expectation of great audience participation in the discussion of this subject, ample time for discussion will be reserved. This may require rejection of some papers that otherwise would be included.

Call for Papers


The American Meteorological Society will sponsor its Second Conference on Atmospheric and Oceanic Waves and Stability, 23–26 October 1978, at the Park Plaza in Boston, Mass. Papers will be considered on the full range of topics considered at the first conference, which ran the gamut from infrasound and capillary waves to the quasi-biennial oscillation and which considered all aspects of wave physics including wave generation, propagation, interaction, and dissipation. Papers came from both atmospheric physics and oceanography and treated theoretical, numerical, experimental, and/or observational subjects. Papers were arranged at the sessions on the basis of physical processes rather than field of application in order to take advantage of the inherent unity of wave physics.

As before, preference is expected to be given to submis-
sions treating: 1) definitive comparisons of theory with ob-
ervation, and 2) wave theory interpretations of meteorologi-
cal and oceanographic phenomena. In view of the large
number of papers submitted to the first conference, the fact
that the second conference is 1 day shorter, and the plan
to schedule fewer papers per session and to have more in-
vited papers, it is expected that the pressure on accepting
submissions will be considerable. Some submissions had to
be turned away at the last conference, and it is expected
that this will be the case with this meeting as well. Therefore,
authors are urged to write specific, informative abstracts that
will aid the Program Committee in selecting papers and
arranging them into sessions.

Two abstracts are required for each proposed paper: 1)
a reviewer’s abstract (200–400 words), and 2) a short abstract
(less than 100 words) for the BULLETIN and program. Ac-
ceptance of papers will be based on the reviewer’s abstract.
Titles and abstracts should be submitted by 10 April 1978
to the Program Chairman: Dr. William H. Hooke, Wave
Propagation Lab., ERL/NOAA, Boulder, Colo. 80302 (tel:
303-499-1000, ext. 6378).

Call for Papers
Conference on the Meteorology of the Upper
The Conference on the Meteorology of the Upper Atmosphere, sponsored by the American Meteorological Society and organized by the AMS Committee on the Upper Atmosphere, will be held 24–27 October 1978 at the Park Plaza Hotel in Boston, Mass. All sessions of the conference will be conducted in single-session format to permit maximum audience participation. One or more sessions in midweek will be jointly planned with the AMS Committee on Atmospheric and Oceanic Waves and Stability, which is organizing its second conference to be held 23–26 October 1978, also at the Park Plaza in Boston.

Contributed papers and invited review papers on key
topics will cover a broad array of upper atmosphere re-
search and monitoring problems, including topics of current
national interest such as the problem of stratospheric in-
fluence on tropospheric climate. Main topics include: 1)
Upper atmosphere observations and analysis, including re-
 mote soundings of the stratosphere and mesosphere; 2)
Upper atmosphere modeling; 3) Planetary wave coupling
between lower and upper atmosphere, including wave-mean
flow interaction theory and wave forcing sources; 4) Trans-
port of ozone and ozone-budget-related constituents; 5)
Tides, equatorial waves, and gravity waves; 6) Interaction
between meteorological and ionospheric fields; and 7) Solar
relations with the stratosphere and mesosphere.

Abstracts of contributed papers (~100–200 words) should
be sent by 10 April 1978 to: Prof. Chalmers Sechrist, Upper
Atmosphere Conference Chairman, Dept. of Electrical En-
gineering, Univ. of Illinois, Urbana, Ill. 61801 (tel: 217-333-
4155).

Preprint Volume
SIXTH CONFERENCE ON WEATHER FORECASTING AND ANALYSIS
May 10-13, 1976 Albany, New York
The American Meteorological Society held its Sixth Conference on Weather Forecasting and Analysis in Albany, N.Y., May 10–13, 1976. This conference follows the trend of generating “more interaction between numerical modelers working with real data, operational weather forecasters, and various user groups.” Sixty-five papers are arranged under the following topics:

Forecasting: Public and Private; Long and Short Range • Objective and Automated Weather Forecasts • Small Scale Analysis and Prediction • Numerical Prediction and Model Comparisons • Initialization and Sensitivity of Numerical Models • Precipitation Systems and Clouds • Satellite Meteorology and Audience Participation Workshop • Status of Weather Forecasting: Present and Future • Synoptic and Mesoscale Circulations I and II

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The international Conference on Cloud Physics was held in Boulder, Colorado on 26–30 July 1976. The sponsors of the conference were as follows: International Commission on Cloud Physics (ICCP) of the International Association of Meteorology and Atmospheric Physics (IAMAP); the American Meteorological Society; the American Geophysical Union; the National Oceanic and Atmospheric Administration; and the National Center for Atmospheric Research (supported by NSF).

"Emphasis on measurements and observations is that the store of measurements describing fundamental cloud physics parameters which are so important for model development and verification has become nearly exhausted . . . what is needed now is a new 'renaissance' of basic research in cloud physics."

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- Satellite Observations, Cloud Systems, Cloud Climatology
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