

## NCC Briefs

A reminder that the dates of the Spring 1978 AMS meeting on Climate and Energy and on Industrial Meteorology are May 8, 9 & 10 and May 10, 11, & 12, respectively.

Since the AASC Committee indicated they would like to have their next meeting with this conference, either before or after, we will need to know the exact dates. Please advise Bill Bartlett, NCC, as soon as possible of your preference for the AASC meeting.

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The National Climatic Center (NCC) is processing data for the period 1961-1970 for inclusion in the publication World Weather Records. It is hoped that all stations with long-term climatologically homogeneous records can be included. If you are aware of such stations that were not included in the 1951-1960 publication, the NCC would be glad to consider them at this time. Suggestions and recommendations must be received at NCC, Asheville, N. C., no later than February 25, 1977.

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During the second meeting of the State Climatologists, on October 5 and 6, 1976, at NCC, Tom Prizio, Chief of NCC's Archival Services Branch, announced that all SC's were eligible to receive NCC's manuscript records, for their permanent files, after these records are placed on film by NCC in accordance with specified federal standards. SC's interested in being considered as recipients of records ready for disposal by NCC were encouraged to write a letter to NCC indicating their interest in participating in such a program. To date, NCC has received only two such letters; however, during the referenced meeting, many others expressed an interest in receiving selected NCC records after being placed on film.

Our microfilming program has accelerated this year due to the acquisition of a high speed camera. We are now developing plans to accelerate this program even further. These expanded activities may make it possible for us to begin disposing of records during the next few years - some of which may be for locations in your State. When the time comes for NCC to dispose of records, pending files will be screened to identify agencies that expressed an interest (in writing) in receiving these records. Decisions will then be made by NCC as to proper disposition of records. If you wish to be considered in this program, let us know - in writing. Your letter will be placed in our pending file along with any others we may receive.

If any of you have federal records which were not sent to NCC when the federal SC program terminated, it would be in the national interest to return them to NCC so they can be microfilmed. These records would be returned to you after they have been microfilmed.

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The publication Climatography of the United States No. 60 has been published in the new format for Alabama, Arizona, Arkansas, Colorado, Connecticut, Florida, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Massachusetts, Nebraska, North Carolina, and North Dakota. Present plans call for the completion of an additional 10 to 15 States by October 1977, and the remainder by October 1978. This series is quite different from the earlier version. They contain only the narrative and the means and extremes tables from the LCD Annuals and the Substation Summaries (Climatography of the United States No. 20). The freeze data, normals, etc., that were formerly carried are generally available in other publications and were not duplicated in this series. A map showing the location of each station summarized is also included along with a station list.

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The program for summarizing climatic data for the Soil Conservation Service is continuing. The NCC has now completed summaries for over 200 areas throughout the United States.

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The FAA Advisory Circular 150/5335-4, dated June 14, 1976, outlines design standards for airports served by air carriers. The wind analysis is explained in Appendix 1 and for the first time recommends a wind summary tabulated to 36 points and calm. The NCC has modified its computer program to output wind direction to tens of degrees and new graphs have been printed to accomodate such requests. It is important to note that almost all wind summaries prepared at NCC to date have been to 16 points and requests received for 36 point summaries will require either manual or computer processing. Some users were under the mistaken impression that because wind direction has been reported to 36 points since 1965, it was automatically being summarized in that manner. We changed our procedure only when asked to do so by the users. The only station with wind data processed to 36 points is Dulles International. Recent wind summaries to 16 points include: Jackson, Wyoming; Greeley and Broomfield, Colorado; Glasgow, Montana; and Minot, North Dakota.

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Within the next few months the NCC plans to publish the first 20 Airport Climatological Summaries out of a proposed 170 total. They are being prepared for major airports, based on records from 1965-74, and are intended primarily as aids to aviation. The selection of stations and priority dates for publication were determined by the FAA in accordance with the number of instrument approaches at airports.

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## NCC BRIEFS

### AFOS STATUS AND DEVELOPMENTS

The formats of surface observations on AFOS have been finalized. We are now developing a new quality control program for the surface data.

The AFOS Subcommittee for Archiving and Servicing of System Products met on March 24 to explore ways of extracting data from the AFOS system and formatting the data for user requirements.

Auerback Associates, Inc., submitted to the National Weather Service its final report (dated March 16, 1977) on the design of the AFOS Centralized Archival System (CAS). That report has not yet been accepted.

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### SOLAR RADIATION REHABILITATION PROJECT

Data for all 26 hourly stations have been rehabilitated, converted to the SOLMET format, and forwarded to ARL for input to regression models. Public dissemination of tapes will await completion of the regression analyses.

Clear solar noon analyses for an additional 25 daily stations are 90 percent complete. These data are being keyed for input to rehabilitation program and conversion to SOLDAY format (SOLDAY is a format containing available daily solar radiation and collateral meteorological data).

ARL and EDS have developed standards criteria for the acceptance of non-NOAA solar radiation data (i.e. cooperator data) into the NCC data base. These criteria will serve as the basic input into the NOAA policy for acceptance of cooperator data. The NCC has been asked by ERDA to collect, quality control, and archive the cooperator data. We are currently evaluating our personnel situation (i.e. ceilings) before entering into a formal agreement.

Plans for publication of solar radiation data are underway. It will be late May before clean data from the new NWS network are available for publication. The printing authority situation will be explored when a publication dummy is prepared and coordinated with ARL and ERDA.

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### SPECIAL PUBLICATIONS

Climates of the States (Climate of the U. S. No. 60). Revised and updated issues for 14 additional States in this series were printed. They are: Minnesota, Mississippi, New Hampshire, New Jersey, New Mexico, New York,

Oregon, Rhode Island, South Carolina, South Dakota, Tennessee, Vermont, West Virginia, and Wyoming. Revised and updated issues in this series are now available for 31 States.

Publications in the new series Airport Climatological Summary have been printed for the first 20 stations in the planned 170 station set. These publications, based upon the 10-year period 1965-1974, are intended for use by aviation interests. The publications for the remaining 150 stations will be accomplished during the next two and one-half years.

Comparative Climate Data Through 1976 has been cleared for publication by the Office of Publications, Department of Commerce. May 1 is the expected publication date. The tabular data will be prepared for printing by the COM process; 5,000 copies will be printed. A price of \$1.50 has been established for the publication. Most copies will be distributed on a complimentary, introductory basis to the media (news-papers, television stations, radio stations, etc.) and selected NOAA offices. The distribution list is being prepared by the EDS Publications and Media Staff.

WMO Catalogue of Meteorological Data for Research. NCC has been asked to prepare an updated version of the U. S. portion of this catalogue which was assembled by EDS in 1969. All contributors to the existing catalogue plus several other potential contributors have been requested to provide their updated and/or original material for the updated U. S. version by June 1, 1977.

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Since NCC's announcement in the last AASC Newsletter that SC's are eligible to receive NCC's filmed records, a number of SC's have written to NCC requesting such records when ready for disposal. This is encouraging because NCC wants to place these records where they will do the most good.

For those of you who have not requested manuscript records after they have been filmed, it is not too late. NCC will welcome your request at any time and is ready and willing to answer your questions by phone or letter.

NCC will be happy to deposit these records in State archives in those cases where SC's do not have storage space, but wish to have the records archived somewhere in their State. SC's that fall in this category should coordinate with NCC in developing the mechanics for such an arrangement. Such negotiations are already underway with the State of Washington.

Some SC's are under the impression that NCC plans to dispose of the Cooperative Observer's Records only. This is not true! NCC plans to dispose of all records placed on film in accordance with federally approved specifications. This means that SC's, if interested, are eligible to receive all types of records, including winds aloft (WBAN 20), rawinsonde/radiosonde (WBAN 31), barograph charts, thermograph



charts, rain gage charts, radar records and solar radiation charts. When you write to NCC, please tell them which records you wish to receive. If you have already written to NCC, and have not expressed your interest, don't worry about it because NCC will contact you for further instructions when they are ready to release any kind of records.

NCC will soon be ready to dispose of machine-produced monthly winds aloft summaries (WBAN 22) and monthly rawinsonde/radiosonde summaries (WBAN 33). These summaries are assembled in Endlock Post, Full Canvas, hard binders. One binder usually contains three to six months of summaries for several years. NCC plans to give these summaries, binders and all, to interested SC's or State archives. SC's should contact Bill Bartlett by phone or letter if they have questions on this program.

Lastly, NCC has a surplus supply of World Weather Records for the period 1941-60. There are seven volumes in all, and each volume is bound in green, hard, book-cloth covers with gold print. Upon request, SC's may receive one or more sets of these seven volumes without charge. When placing your order, please specify the number of sets desired and for what purpose, and NCC will satisfy your requirements insofar as possible. These books are not to be sold since they will be provided as a public service.

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NCC is pleased to announce that three more States, Florida, New Hampshire, and New Mexico, have recently established SC positions. The new SC's are as follows:

DR. CLARK I. CROSS	DR. GERARD PREGENT	DR. IVEN BENNETT
Department of Geography	Department of Geography	Department of Geography
University of Florida	University of New Hampshire	University of New Mexico
Gainesville, FL 32611	Durham, NH 03824	Albuquerque, NM 87131

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#### CLOUD SEEDING FOR STATE DISCOURAGED BY EXPERT

By Robert C. Bjorklund

(Reprint from the Wisconsin State Journal)

The state climatologist said Monday Wisconsin shouldn't get involved in cloud seeding because of its expense and uncertainties of success.

Val L. Mitchell of University of Wisconsin-Extension said the technology to seed clouds effectively to bring rain is not well developed.

He told the Governor's Drought Task Force he met with 50 northeast Wisconsin farmers who are exploring the cloud seeding idea with a Colorado firm and came out in opposition to the proposal.

NCC BRIEFS

NCC is pleased to announce that three more States - Delaware, Maryland, and Virginia - have recently established SC positions. The new SC's are as follows:

DR. JOHN R. MATHER  
Department of Geography  
University of Delaware  
Newark, DE 19711

DR. O. E. STREET  
Jule Hall, Room 101  
University of Maryland  
College Park, MD 20740

DR. BRUCE HAYDEN  
Dept. of Environmental  
Sciences  
University of Virginia  
Charlottesville, VA 22904

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The World Data Center-A for Meteorology attempts to stay informed of ozone data sources. We would appreciate hearing of any ozone measuring programs in your State, other than the stations in the NOAA, Dobson, or U. S. Army networks. We have information on some, but not all, of the EPA-sponsored instrument sites. Informal notes will be entirely satisfactory. Send them to Bill Hodge, WDC-A for Meteorology, Room 17, National Climatic Center, Federal Building, Asheville, NC 28801 (telephone 704 258-2850, ext. 754, or FTS 672-0754).

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COUNTY DATA - Is there a need to have some of our data arranged by counties? The health people think so. We are not considering changing our basic files or publications, but are interested in programs that would convert station data into county estimates. Bill Hodge would like your comments, pro or con, along with information about methods you might have used. Write him at NCC, ATTN: Climate & Health Project.

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The American Association of State Climatologists (AASC) will hold their first scheduled meeting October 26 and 27, 1977, at the National Climatic Center, Asheville, North Carolina. The primary purpose of the meeting is to formalize the organization and elect new officers. Mr. Paul Waite, Secretary of the AASC, will send a copy of the agenda to each State Climatologist within the next two weeks.

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