



The State Climatologist

CALLING FOR E-MAIL ADDRESSES

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Communication within the Association requires writing letters, addressing envelopes, stamping and mailing—time-consuming projects for people with limited time to offer. In an attempt to simplify and speed communications, please send your e-mail address to Wayne Wendland, who is putting together a list of AASC e-mail addresses, so that letters, announcements, the minutes of meetings!, etc. can be quickly disseminated to the membership, without consuming a week of the secretary's time.

Send your e-mail address to either:

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Visiting Scientist Program at the Climate Analysis Center

Climate Analysis Center, National Weather Service/NOAA is seeking a Meteorologist/Climatologist on a temporary appointment for the position of Visiting Scientist, Regional Climate Centers Program. The position requires a Ph.D. or a Master's Degree in Meteorology/Climatology or related fields, and familiarity with the Regional Climate Centers Program. Applicants must submit a proposal for work that should address regional climate variability; or a regional or national problem in climate concerning database development, diagnostics, or prediction; or the development of climate services for areas such as energy, agriculture, and water resources that are sensitive to climate. The selected can-

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didate will speak on regional issues and will assist the Executive Officer of the Regional Climate Centers Program on matters related to the program. Length of appointment is negotiable but is not expected to exceed one year. Salary and fringe benefits are also negotiable. For more information, please contact Robert J. Bermowitz, Climate Analysis Center, World Weather Building, W/NMC53, Room 805, 5200 Auth Road, Washington, DC 20233. Telephone: (301) 763-8071. DOC is an equal opportunity employer.

CD-ROM Products Available From NCDC

-- **International Station Meteorological Climate Summary (ISMCS) Ver 2.0.** This CD released in August 1992 gives detailed climatological summaries for about 980 locations worldwide. These locations include National Weather Service locations, domestic and overseas Navy and Air Force sites, and selected foreign stations. Limited summaries are also given for almost an additional 5,000 worldwide sites. Tabular or statistical data can be exported to a printer or spreadsheet. Version 2.0 also supports limited mouse capability. Version 3.0 will be available in early 1993 and will include an additional 600 global stations.

-- **National Climate Information Disc- Vol 1.** This disc has monthly sequential temperature, precipitation and drought data for the 344 climate divisions in the contiguous U.S. The data can be viewed in a tabular or graphical format and output sent to a printer. The disc covers the period 1895-1989 and contains 1032 time-series graphs, 4180 maps, and 5400 frames of video animation.

-- **U.S. Navy Marine Climatic Atlas of the World - Ver 1.0** This CD-ROM includes analysis and display

software for climatological averages of atmospheric and oceanographic data. The data are summarized with user-defined 1 and 5 degree grid areas covering the global marine environment. The summaries are produced using predominantly ship data collected between 1854-1969. The major elements include air and sea temperature, dewpoint temperature, scalar wind speed, sea-level pressure, wave height, wind and ocean-current roses. This CD also allows the user to define element intervals (e.g. 5 to 10 knots, 2 degree temperature intervals). Contouring for explicitly user-defined regions and exporting data to a printer or diskette are supported.

Future CD-ROM Products

-- **Worldwide Daily Data** - A new CD-ROM will be available by early 1993 with daily precipitation and daily maximum and minimum temperatures for approximately 10,000 worldwide locations for the period 1977-1991. The disc will also include derived freeze/frost statistics and precipitation probabilities.

-- **Upper Air Atlas** - A new CD-ROM will be developed by late 1992 using a 12-year (1980-1991) 2.5 degree upper air database obtained from the European Centre for Medium Range Weather Forecasting (ECMWF). This CD will present upper air statistics for 15 different vertical levels in the Northern and Southern Hemisphere for dry bulb and dewpoint temperature, air density and wind speed. The disc will provide access/display software for gridpoint data and contouring capability for user-defined areas. The climatology will cover the 12-year period as well as individual year-months.

Other CD-ROM projects involve SSMI Satellite data, Historical Climatology Network data, Joint Canadian-U.S. 1961-1990 Climatic Normals, Global Tropical and Extra-tropical Storm Tracks, ERL Upper Air Data,

Spectral Ocean Wave Model data and Ice Data Climatology.

The National Renewable Energy Laboratory (NREL), in cooperation with NCDC, has developed a new 1961-1990 Solar Radiation Data Base for the United States. The data base uses NCDC's hourly surface meteorological data and adds measured and modeled hourly solar radiation data. Improved computer models will fill in gaps and/or missing data to update this data base. The data are currently available in an element or synoptic format on tape or diskette. NCDC can provide subsets of custom-derived products on request. The data base will also be available on Exabyte tape or CD-ROM discs.

Ordering Information

The NCDC Climate Service Branch is the group responsible for distribution of NCDC CD-ROM products to users. They can be contacted via the following phone number, facsimile, electronic mailbox or Internet. Please call for latest availability and pricing.

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