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**RECENT PUBLICATIONS OF THE  
NORTHEAST REGIONAL CLIMATE  
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DeGaetano, A.T., K.L. Eggleston and  
W.W. Knapp, 1995, "Atlas of Growing  
Degree Day Statistics for the Northeast-  
ern United States and Southeastern Can-  
ada", NRCC Research Publication, RR  
95-2. In press.

McKay, M. and D.S. Wilks, 1995, "Atlas of  
Short-Duration Precipitation Extremes for  
the Northeastern United States and  
Southeastern Canada", NRCC Research  
Publication RR 95-1. 26 pp. In press.

Wilks, D.S. and M. McKay, 1994, "Atlas of  
Extreme Snow Water-Equivalent for the  
Northeastern United States", NRCC Re-  
search Publication RR 94-3. 20 pp.

Leathers, D.J., 1994, "A Tornado Clima-  
tology for the Northeastern United States",  
NRCC Research Publication RR 94-2. 15  
pp.

DeGaetano, A.T., K.L. Eggleston and W.W. Knapp, 1994, "Daily Evapotranspiration and Soil Moisture Estimates for the Northeastern United States", NRCC Research Publication RR 94-1. 11 pp.

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#### **NCDC ANNOUNCES NEW ON-LINE PRODUCTS AND SERVICES**

The National Climatic Data Center (NCDC) announces the availability of three new on-line services through its WWW site (<http://www.ncdc.noaa.gov>):

1) Images of Hurricanes and Other Storms: Located in the "On-line Data Access" area, this system includes satellite images of most of this year's hurricanes, along with images of significant hurricanes of previous years (e.g., Gilbert, Andrew, Hugo). Several other type images are also included. For example, the first GOES-9 IR and visible images

Tornadic thunderstorms  
AVHRR 'close-ups' of numerous areas

The March 1993 'storm of the century'

Space shuttle lightning photos

2) 1995 Technical Reports on Weather Events: Located in the "Products, Publications, and Services" area, we have a report on the California flooding of last winter and a report on Hurricane Opal. The reports are available as ASCII text with GIF images and as Wordperfect files. They include discussions of the events, climatic data tables, computer-analyzed maps of the affected areas, satellite images, and NEXRAD images. The same page provides access to seven reports produced during 1993-1994 covering events such as the March '93 blizzard, the 1993 midwest flooding, the February '94 southeast ice storm, and July '94 flooding in Georgia.

3) Interactive Visualization of Global Daily Data: Located in the "Interactive Visualization of Climate Data" area, this system previously provided graphical analysis and data plots for U.S. climate divisional data and National Weather Service summary of day data. This has now been expanded to include global summary of day data (previously available via ftp) for approximately 8000 stations. The system provides access to the most recent 18 months of data, with the latest month normally available 5-6 weeks after the end of the data month (e.g., Oct 95 accessible in early December). The 12 elements which can be graphed are:

Daily means for temperature, dew point, sea level pressure, station pressure, visibility, and wind speed.

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Daily extremes for sustained wind speed, wind gust, and maximum/ minimum temperature.

Daily precipitation.

Snow depth.

The user selects a region of interest from a global map, then selects the country (or countries) needed, and then the desired station(s), element(s), and time period. The system allows for either GIF or Postscript output. For example, you can display:

August 1995 mean daily temperature for Vostok, Antarctica.

January 1995 mean daily wind speed and temperature for Mount Washington, New Hampshire.

Chicago's daily mean dew points for June through August 1995.

August 1995 daily rainfall for Baguio and Manila in the Philippines.

February 1995 daily snow depth for Valdez, Alaska and Blue Canyon, California.

## U.S. DEPARTMENT OF COMMERCE

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