



## **THE NORTHEAST REGIONAL CLIMATE CENTER**

<http://www.nrcc.cornell.edu>

Established in 1983, the Northeast Regional Climate Center (NRCC) is located in the Earth and Atmospheric Sciences Department at Cornell University in Ithaca, NY. It serves the 12-state region that includes Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, Pennsylvania, New Jersey, Delaware, Maryland and West Virginia. The mission of the NRCC is to facilitate and enhance the collection, dissemination and use of climate data as well as to monitor and assess climatic conditions and impacts in the northeastern United States.

### **Products and Services**

- We provide information to state and local government agencies, businesses, and other organizations to provide a climatic perspective on extremes (droughts, floods, heat waves, etc.) when these extremes begin to develop.
- In partnership with New York Sea Grant, the NRCC launched a new website, <http://ecws.eas.cornell.edu/>, focused on East Coast winter storms. Users were instrumental in the design of the site, particularly a feature that compares impending storms to analogs from the historical record.
- The NRCC is teaming with integrated pest management programs in the region to provide decision tools for growers. By collecting data from grower-owned weather stations, NRCC uses models to predict insect occurrence and suggest efficient control strategies. A typical potato grower can save \$25,000 if our models indicate one treatment is not necessary.
- The NRCC has worked to develop the Applied Climate Information System (ACIS). This system integrates data from a number of national data networks and provides users with a wide array of data products.
- The NRCC works closely with NOAA, the National Weather Service, the state climatologists, and other agencies and groups in providing climate services to our customers.