

NOAA Satellite and Information Service
National Environmental Satellite, Data, and Information Service (NESDIS)

National Climatic Data Center
U.S. Department of Commerce

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2006 Winter Olympics--Torino, Italy

[Torino/Caselle Climate](#)

[Torino/B.D.Croce Climate](#)

[Torino--January 2006](#)

[Additional Detailed Data](#)

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NCDC is the world's largest active archive of weather data. NCDC produces numerous climate publications and responds to data requests from all over the world. NCDC operates the [World Data Center for Meteorology](#) which is co-located at NCDC in Asheville, North Carolina, and the [World Data Center for Paleoclimatology](#) which is located in Boulder, Colorado.

NCDC supports a three tier national climate services support program - the partners include: NCDC, [Regional Climate Centers](#), and [State Climatologists](#).

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Winter Olympics Climatology Web Page

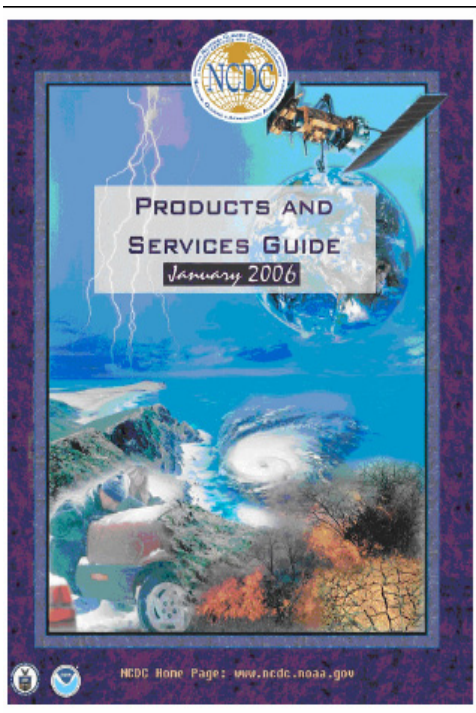
Winter Olympics Climatology Web Page: NCDC released a new web page with climatological summaries, tables, and graphs, for the Torino, Italy area—site of the Winter Olympics. The page utilizes data summaries from the Climate Data On-line (CDO) system from our Integrated Surface Data (ISD). It also provides links to more detailed data available via CDO, including direct access to the most recent hourly data for both Torino stations. The URL is: <http://www.ncdc.noaa.gov/oa/climate/research/torino/torino-summary.html>.

Three Reports/Pubs Updated: The following reports/publications were updated in time for the 2006 annual American Meteorological Society (AMS) meeting:

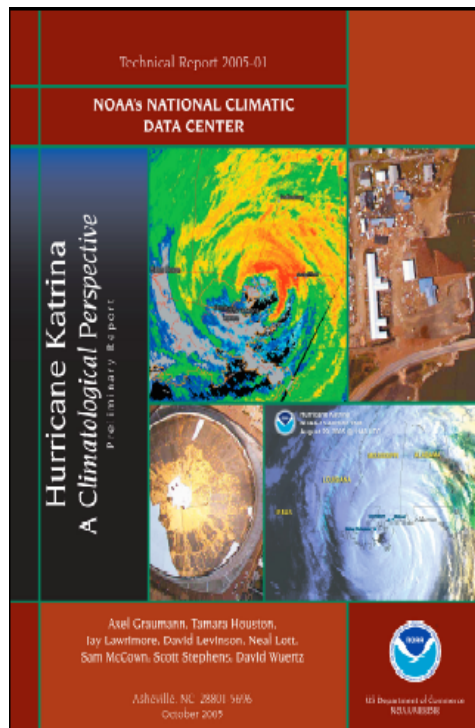
- 1) NCDC Products and Services Guide—revised edition for 2006 (<ftp://ftp.ncdc.noaa.gov/pub/data/inventories/COMPLETE-GUIDE.PDF>);
- 2) Hurricane Katrina Tech Report (<http://www.ncdc.noaa.gov/oa/reports/tech-report-200501z.pdf>); and
- 3) Billion Dollar Weather Disasters Report for 1980-2005 (<http://www.ncdc.noaa.gov/oa/reports/billionz.html>).

Copies (CD-ROM of the Guide and Tech Report, paper copy of Disasters Report) were distributed at the AMS meeting.

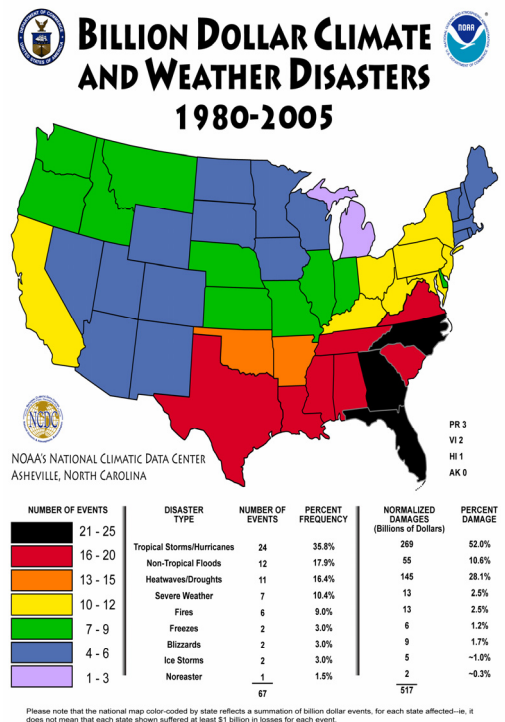
NCDC Products and Services Guide—revised edition for 2006



Hurricane Katrina Tech Report



Billion Dollar Weather Disasters Report for 1980-2005

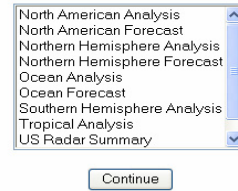


SRRS Analysis and Forecast Charts

Chart Type Selection

The Service Records Retention System (SRRS) is an archive and access system for selected National Weather Service (NWS) operational products maintained at the National Climatic Data Center.

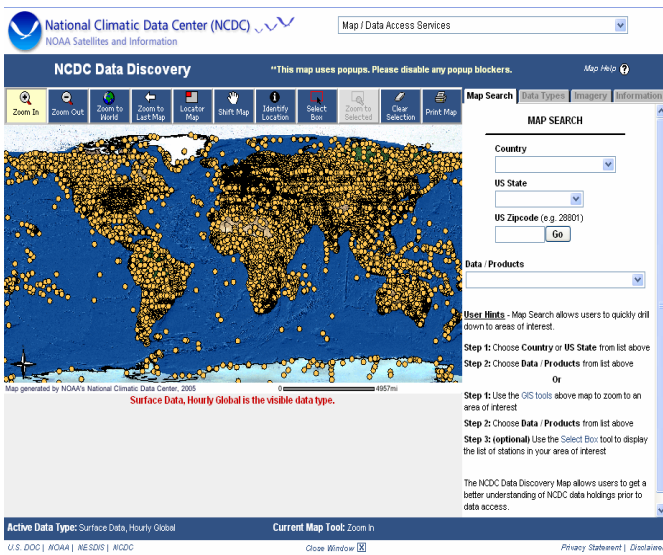
NOTE: This system provides National Weather Service charts that are archived at the National Climatic Data Center. Additional charts from earlier years are available for [offline ordering](#).



Service Records Retention System (SRRS) Charts and Graphics: An interface within NOAA Operational Model Archive and Distribution System (NOMADS) for SRRS charts and graphics became operational in November. The interface provides access to hundreds of surface, upper air, and ocean-based analysis and forecast charts from the National Weather Service. It also provides graphical display of the National Digital Forecast Database (NDFD) model output. These data are offered at no charge (on-line) to all users. The URL is: <http://nomads.ncdc.noaa.gov:9091/ncep/NCEP>.

Surface, upper air, and ocean-based analysis and forecast charts from the National Weather Service

Integrated Surface Data (ISD) in CDO: The Climate Data On-line system (<http://cdo.ncdc.noaa.gov>) now has the full period of record for ISH/ISD loaded into Oracle and available in our CDO system. The global database includes data for over 20,000 locations historically, is updated daily, and is gradually being expanded by bringing in additional sources of historical data. A few stations have data back into the early 1900s. The ISD data have been on-line via FTP for several years, and the most recent 15 years of data have been on-line in CDO for about a year. This marks a milestone in having the full period of record available in CDO. Due to higher user demand, we are upgrading our database server to better handle the load. Therefore, performance and time required to complete data orders will be gradually improving.

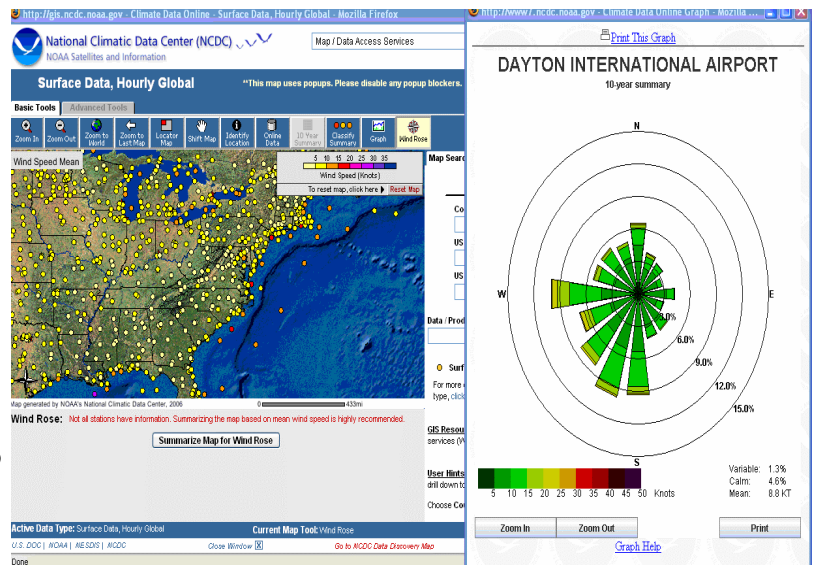


Integrated Surface Data (ISD) in CDO

Wind Rose Plot and other features added to GIS Interface: NCDC's GIS interface (see "[search by map](#)" on NCDC homepage) now includes two new features:

- 1) Data summary classifications, to plot stations by means and frequency distributions of various parameters, such as temperature, relative humidity, wind speed, etc.; and
- 2) Wind rose graphics showing frequency distributions of wind speed vs. direction by station, on a compass-type grid. The service uses the most recent 10 years of hourly data as input to produce the summary in graphical form.

Both of these capabilities use the Integrated Surface Data (ISD) in Climate Data On-line (CDO) as the "driver." These services are free of charge (on-line) to all users. The URL is: <http://cdo.ncdc.noaa.gov/CDO/cdo>.



Wind Rose Plot and other Features added to GIS Interface

Subcommittee on Integrated Management of Ocean Resources

The Subcommittee on Integrated Management of Ocean Resources (SIMOR) was formed in March 2005 as part of the ocean governance structure described in the President's Ocean Action Plan (www.oceans.ceq.gov). SIMOR focuses on implementing ocean, coastal, and Great Lakes management actions that will benefit from interagency coordination. SIMOR's work is designed to complement the efforts of individual Departments and agencies, as well as other interagency groups.

The SIMOR Work Plan was developed with the active involvement of 19 SIMOR agencies and offices representing all member agencies of the Cabinet-level Committee on Ocean Policy. The Work Plan is organized by four priority areas that describe specific actions to be accomplished within currently available resources:

- Support Regional and Local Collaboration. Identify and promote opportunities for collaboration among Federal, State, Tribal, and local authorities; the private sector; international partners; and other stakeholders.
- Facilitate Use of Ocean Science and Technology in Ocean Resource Management. Work with the Joint Subcommittee on Ocean Science and Technology and others to foster the development and use of management tools, strategies, and information based on the best available science and technology.
- Enhance Ocean, Coastal, and Great Lakes Resource Management to Improve Use and Conservation. Enhance interagency coordination on use and conservation of marine resources, and, with the states, evaluate and recommend ways to improve coastal water quality programs.
- Enhance Ocean Education. Collaborating with the Joint Subcommittee on Ocean Science and Technology, identify opportunities and articulate priorities for enhancing ocean education, outreach, and capacity building.

The SIMOR Work Plan is now available on-line. To view, please visit:
http://ocean.ceq.gov/about/docs/simor_workplan_Final.pdf.

SIMOR Work Plan Final Document

