



Major Climate Monitoring Programs



[NCDC / Climate Monitoring / Snow / Search / Help](#)

U.S. Snow Monitoring

(Data made available primarily through the Cooperative Observer Network)

National Climatic Data Center
Asheville, North Carolina

- [Recent Snowfall & Snowdepth](#)
- [Month & Season-to-Date Snowfall](#)
- [Maximum Daily Snow](#)
- [Number of Days with Snow](#)
- [View Data Files](#)

[NCDC / Climate Monitoring / Snow / Search / Help](#)

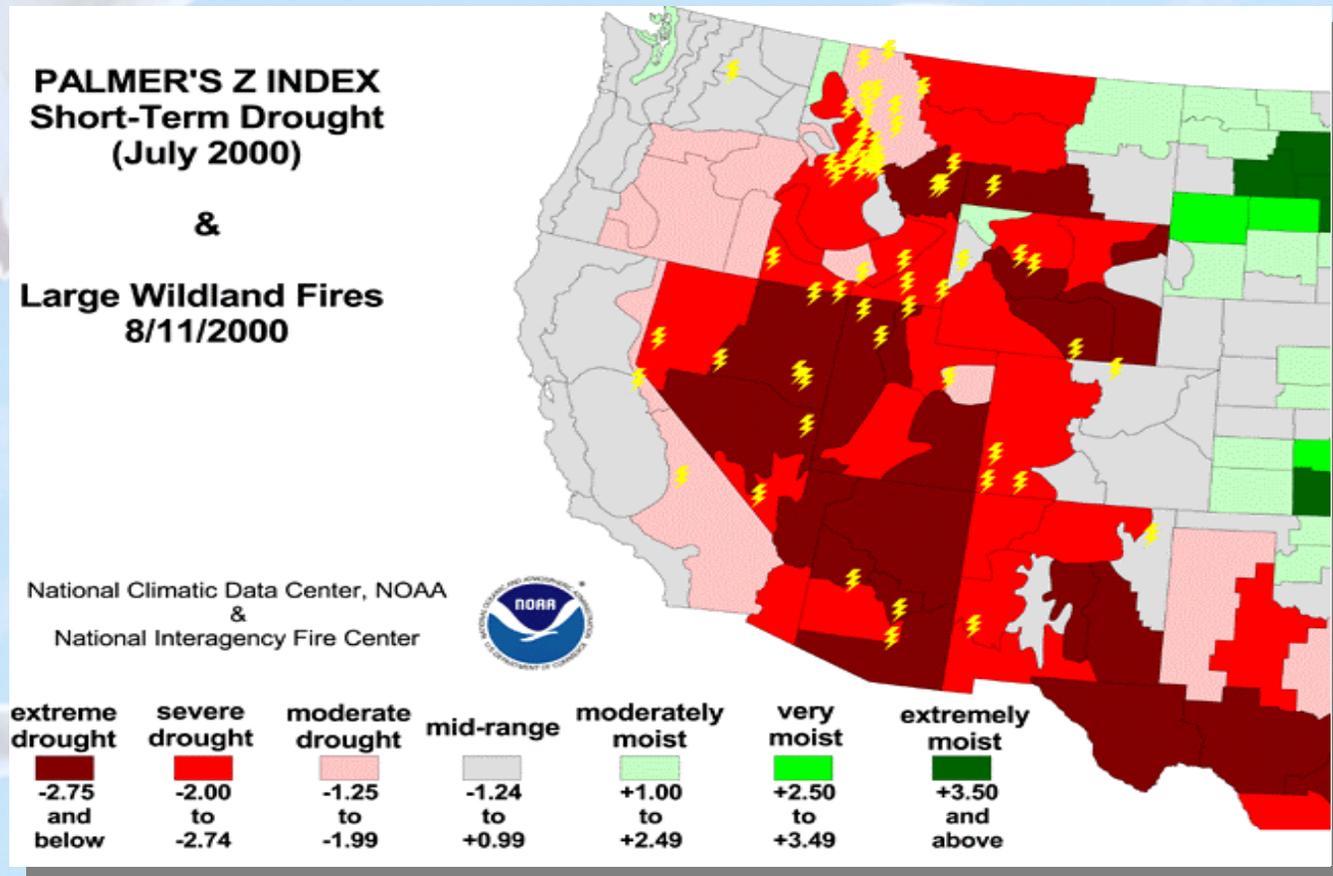
<http://lwf.ncdc.noaa.gov/oa/climate/research/snow/snow.html>
Downloaded Thursday, 01-Nov-2001 13:05:16 EST
Last Updated Friday, 19-Oct-2001 11:07:00 EDT by Jay.Lawrimore@noaa.gov
Please see the [NCDC Contact Page](#) if you have questions or comments.

- ✓ State of the Climate
- ✓ Climate Assessment
- ✓ Drought Monitoring
- ✓ Health of the Networks
- ✓ Web Access to Data
 - ✓ Snow Climatology
 - ✓ Daily Snow Monitoring
 - ✓ Climate At A Glance
 - ✓ Stratospheric Ozone



State of the Climate

- ✓ Monthly reports since 1998 provided via web
- ✓ Global and U.S. Analyses



Climate Assessment

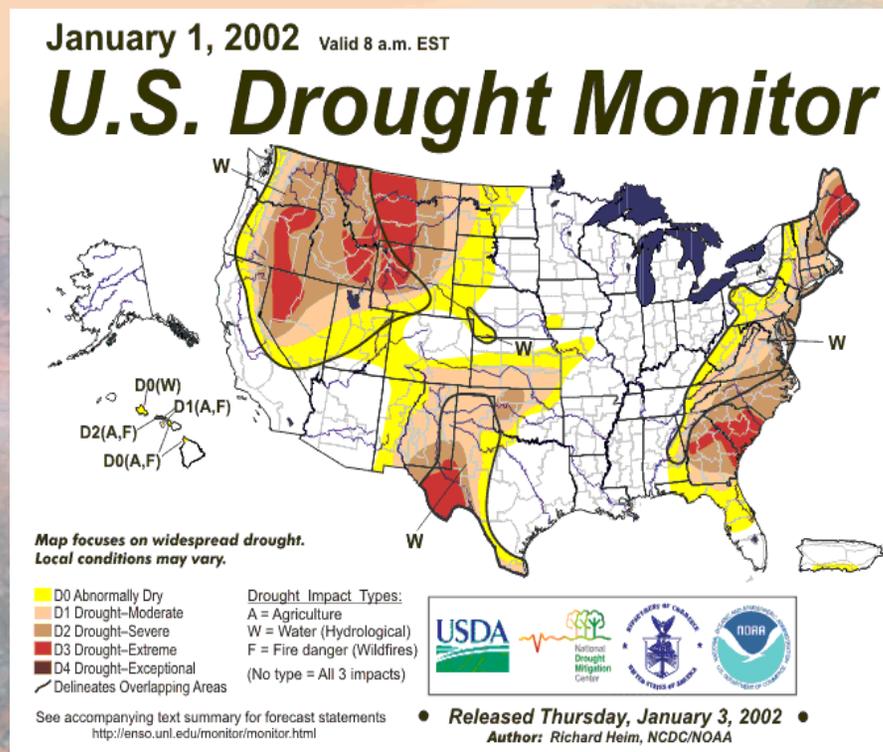
- ✓ **Year-end press release and briefing**
- ✓ **WMO statement on the status of the global climate**
- ✓ **BAMS Climate Assessment**

- ✓ **BAMS Climate Assessment**
 - ENSO Conditions
 - Global Temperature, Precipitation and Snow Cover
 - Regional Events
 - US, Africa, Asia, Europe, Australia
 - Trace Gases



Drought Monitoring

- ✓ Collaborative effort between CPC, USDA, Drought Mitigation Center and NCDC
- ✓ Consolidate and centralize drought monitoring activities
- ✓ Created once a week
- ✓ Rotational Leadership
- ✓ Improved product
- ✓ Based on objective Inputs
- ✓ Input from experts
- ✓ Wide spectrum of conditions



Health of the Network

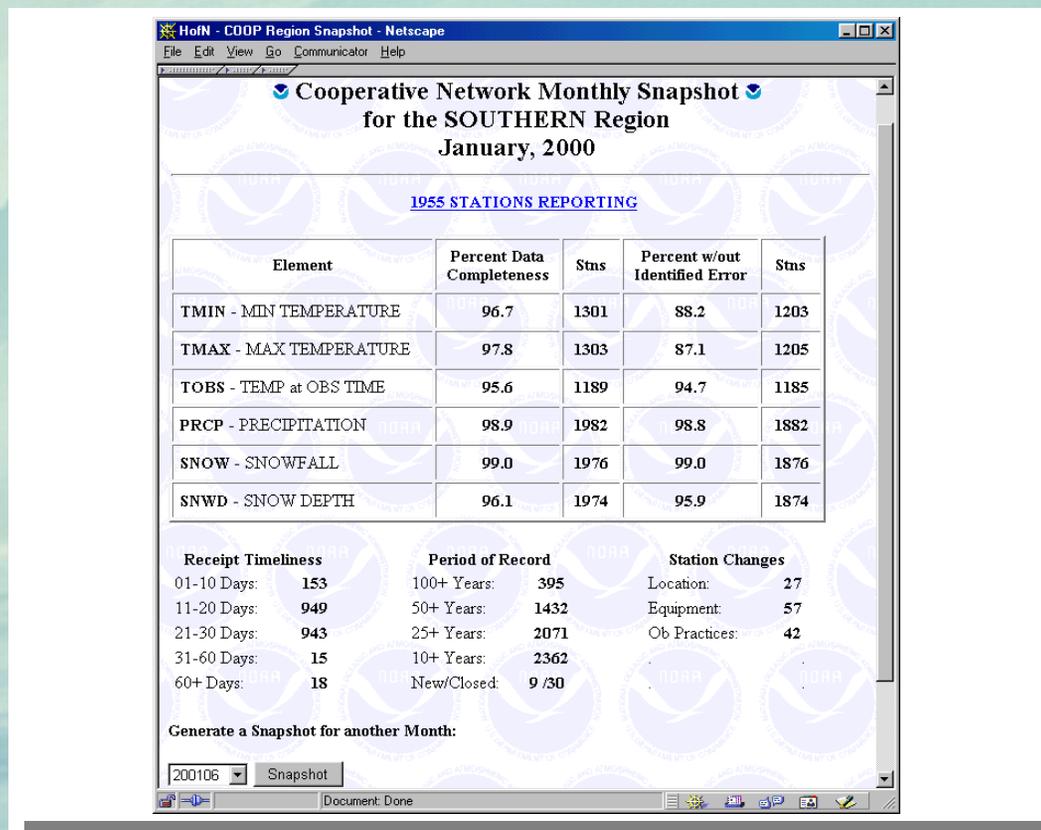
✓ Designed for Network Managers and other users of climate data

■ Information Access

- On-line access
- Automated feedback mechanism

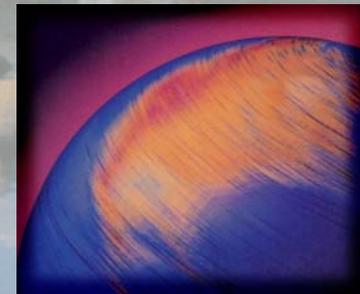
■ Cornerstone

- Early detection of time-dependent biases



Web Access

- ✓ **Snow Climatology**
- ✓ **Daily Snow Monitoring**
- ✓ **Climate At A Glance**
- ✓ **Stratospheric Ozone Monitoring**



Snow Climatology

 [NCDC](#) / [Snow Climatology](#) / [State](#) / [Options](#) / [Station\(County\)](#) / [Search](#)

Station Snow Climatology

Stations in New York

Select a station:

ADAMS 

Continue

or, Select a county:

ALBANY 

Continue

 [To State Selection Page](#)

 [To Option Selection Page](#)

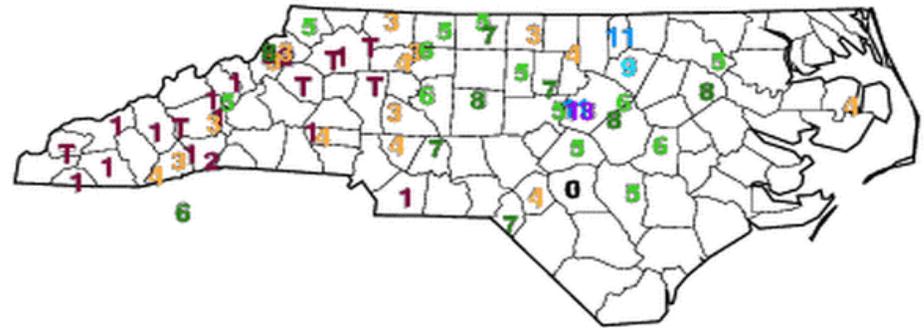


Daily Snow Monitoring



- ✓ **Near-real-time access to snowfall and snow depth**
- ✓ **Overnight totals by 3 PM each day**
- ✓ **1, 2, 3, 7-day totals**
- ✓ **Monthly departures from normal**
- ✓ **Maximum totals**
- ✓ **Primarily COOP stations**
- ✓ **More than 1000**

Month to Date Snowfall for North Carolina
1 - 8 January, 2002

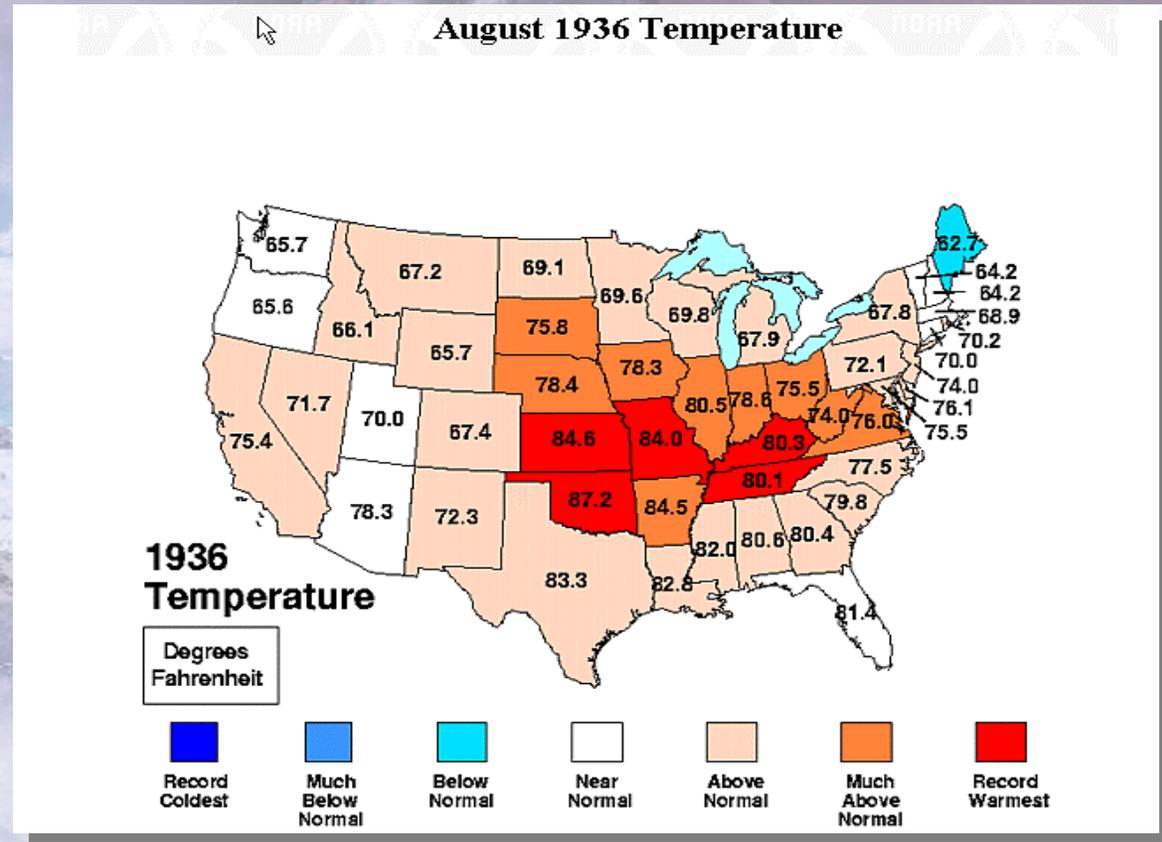


Inches of Snow, Cut Off Time 1200Z



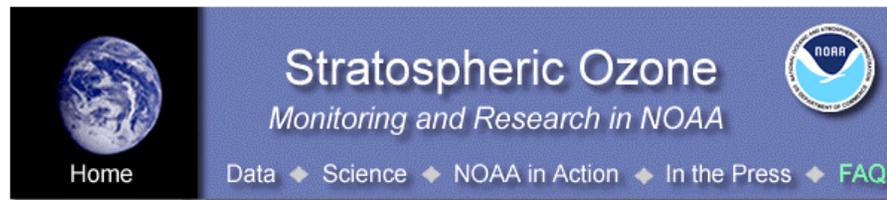
Climate at a Glance

- ✓ On-line access to monthly temperature and precipitation data
- ✓ Easy to understand menu options
- ✓ Developed in cooperation with NOAA headquarters



Stratospheric Ozone Monitoring

- ✓ **CMDL, CPC, Aeronomy Laboratory and NCDC**
- ✓ **Current data provided through daily updates**
- ✓ **Information on NOAA's monitoring instruments**
- ✓ **Answers to Frequently Asked Questions**



The screenshot shows the header of the NOAA website for Stratospheric Ozone Monitoring and Research. It features a small globe icon on the left with the word "Home" below it. To the right, the text "Stratospheric Ozone" is prominently displayed in white, with "Monitoring and Research in NOAA" underneath. The NOAA logo is in the top right corner. A navigation bar at the bottom of the header contains the following links: "Data", "Science", "NOAA in Action", "In the Press", and "FAQ" (highlighted in green).

How can chlorofluorocarbons (CFCs) get to the stratosphere if they are heavier than air?
What is the evidence that stratospheric ozone is destroyed by chlorine and bromine?
Does most of the chlorine in the stratosphere come from human or natural sources?
Can natural changes be responsible for the observed changes in ozone?
When did the Antarctic ozone hole first appear?
Why has an ozone hole appeared over Antarctica when the Northern Hemisphere is the source region?
Is there an ozone hole over the Arctic?
Is the depletion of the ozone layer leading to a ground-level increase in ultraviolet radiation?
Does ozone depletion cause climate change?
How severe is the ozone depletion now?
Is the ozone layer expected to recover? If so, when?



<http://lwf.ncdc.noaa.gov/oa/climate/research/monitoring.html>



National Climatic Data Center

