

The Southern Regional Climate Center (SRCC) at Louisiana State University, Baton Rouge, Louisiana provides climatic data and information services for a six-state region that includes Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. It is one of six federally funded Regional Climate Centers (RCC) administered by the National Climatic Data Center (NCDC) of the National Environmental Satellite, Data and Information Service (NESDIS) of the National Oceanic and Atmospheric Administration (NOAA).

The mission of each RCC is to:

- ◆ deliver a suite of contemporary climate products and services including high quality climate data information related to their region;
- ◆ provide assistance and education to users to enable them to make the best use of this information; and
- ◆ monitor and assess regional climatic conditions and impacts



Climate products and services are at the core of RCC operations. Climate products are built on a foundation of hourly and daily observations from across the region and include weekly, monthly, and annual summaries and specialized data analyses. In addition to standard NOAA observational networks, data from unique automated networks within the region, unavailable from the NCDC archives, are collected and maintained by the RCCs.

These data sources are used to produce custom climatic products for federal government agencies, the legal and insurance industries, energy producers, and environmental consultants.

A few of our products and services include:

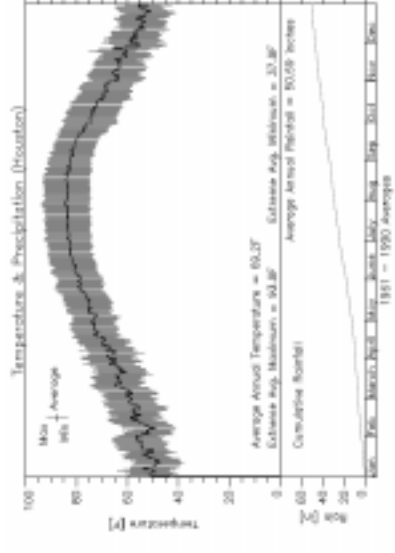
- ◆ Weather and climate observations
- ◆ Climatic summaries
- ◆ Graphical analyses
- ◆ Custom climatic product development tailored to customer specifications



Monitoring the current state of the climate across the Southern Region involves gathering climate data from national and regional networks. Data are collected in near real-time, analyzed to determine data quality, and merged with historical archives.

Climatic conditions are then assessed on weekly, monthly, and seasonal time-scales and compared to long-term averages or normals.

Droughts, excessive rainfall, extreme heat and cold, and tropical systems are among the weather and climate features that can impact natural systems, human activities, and economic performance. Focusing on the regional scale, the SRCC evaluates climatic anomalies within an historical perspective.



Staff of the SRCC include meteorologists and climatologists, computer systems professionals, students, and support personnel that are trained to provide a full range of climate services, analyses, and technical consulting.

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These personnel can be contacted for support and assistance by calling:

(225) 388-5021 (phone)
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On-line climatic information can be obtained by visiting our web site at:

<http://www.srcc.lsu.edu>



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