The Southeast Regional Climate Center: Providing Climate Services for the Southeast U.S.

The SERCC is one of six climate centers and, as part of NOAA’s Regional Climate Center Program, serves as the hub for climate services, monitoring, research, and education in the Southeast.

Functions and Services:

The Regional Climate Center (RCC) Program

- The RCC program provides climate services to a wide variety of users, agencies, industries, researchers, and decision-makers.

- An active weather/climate data archive, known as Applied Climate Information System (ACIS), is maintained by the RCC program. ACIS ingests near real-time data and provides quality-controlled climate data to users, resulting in a valuable climate context for recent and ongoing weather extremes.

- Our climate partners in the region (State Climate Offices, Regional Integrated Sciences and Assessments, National Centers for Environmental Information) play an integrated role in the provision of climate services and in the development of new information and products.
SERCC Activities

- Monitoring and synthesis of weather and climate impacts across the region → Regional Summary for NCEI State of the Climate Report
- Conducting an assessment focused on the human health effects of climate variability and extreme events → Heat-Health Vulnerability Toolkit
- Development of web-based climate tools to assess the ongoing state of the climate across the southeastern U.S. by transforming data into value-added information → Climate Perspectives

Examples of SERCC Products and Tools

Climate Perspectives (CLIMPER):

Heat-Health Vulnerability Toolkit:

For more information, please visit www.sercc.com!