

Coastal Climate: Decision Support Tool For Recreational and Commercial Fisheries, Tourism, and Coastal Communities

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Coastal Climate Group – Southeast Climate Consortium

Coastal Climate Data Texas to North Carolina

Terrestrial Data and Analysis by ENSO Phase

Terrestrial Climate Data – 100 km Inland
Temperature
Precipitation
Wind

Hurricane Return Frequency by Intensity and Tracks by ENSO Phase 1900-2005

Marine Buoys and Station Data
Sea Surface Temperature Climatology
Wind Climatology
Wave Height Frequency Probability
Real-Time Data

Astronomical Tides

Animation of 1971-2000 Terrestrial Climate

Average Maximum Temperature
Average Minimum Temperature
Average Mean Temperature
Average Precipitation

Animation of Coastal Sea Surface Temperatures

**Commercial and Recreational Fisheries
Habitat Information**

Key Partners

- Office of the State Climatologist – Florida
- COAPS
- Office of the State Climatologist - Georgia
- Georgia Marine Extension Service, UGA

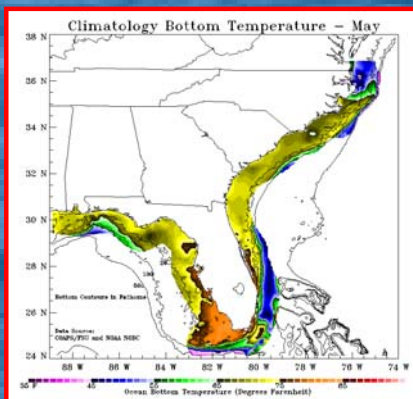
Southeast
Coastal
Climate



Tool Website
www.coastalclimate.org

Mission of the Coastal Climate Project

The mission of the Southeast Coastal Climatology Project is to use advances in climate sciences, including improved capabilities to forecast seasonal climate, to provide scientifically sound information and decision support tools for economic development, environmental management, and education along the coastal Southeastern USA. The Southeast Coastal Climatology Project is a multidisciplinary, multi-institutional team that forms partnerships with the user communities to ensure that the products are relevant and reliable.



Upcoming Workshop

Coastal Climate Needs in the Southeast

AL/MS, FL and GA Sea Grant Extension
SECC Coastal Climate Group
Coastal Services Center (Invited)
Office of Climate (Invited)

Mid-Summer at COAPS

RISA, Sea Grant and CSC Future Coastal Climate Plans

NOAA's Office of Climate and the Coastal Services Center (CSC) hosted a joint workshop in April 2007 designed to integrate coastal climatology into the NOAA's Sea Grant extension program. The workshop found a real need to integrate climate, both short and long-term, into existing Sea Grant programs. However, most Sea Grant programs lack the knowledge of climate or personnel to accomplish this task. *With the SECC climate expertise and the experience in developing climate based decision support tools this is a fertile area for future development.*

CSC wishes to better integrate climatology into several of its programs including habitat restoration, smart growth, coastal management. CSC sees the need for climate decision support tools to support coastal managers. *Training of Sea Grant extension agents is needed similar to the training needed by agricultural and natural resources extension agents. This is another opportunity for the SECC.*

Our Sponsor



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY