2011 Southeast Hay Convention

Agroclimate.Org: New Tools for Hay and Forage Growers

Climate Resources for Hay Production

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The University of Georgia

Climate Knowledge is Power!

- Weather and Climate Resources
- What's coming this season?
- The ARID tool

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Weather vs. Climate

Climate is what you *expect*.

Weather is what you *get*.

Current weather information sources

National Weather Service
www.weather.gov

Weather Underground
www.wunderground.com

The Georgia Automated Environmental Monitoring Network
www.GeorgiaWeather.net

Climate information sources

National Climatic Data Center
www.ncdc.noaa.gov

Climate Prediction Center
from the National Weather Service
www.cpc.ncep.noaa.gov

AgroClimate
from the Southeast Climate Consortium
agroclimate.org

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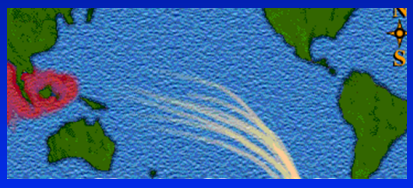
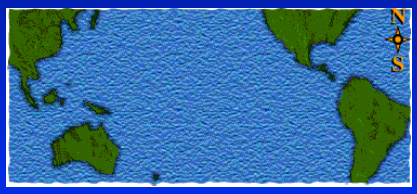
The El Nino Southern Oscillation (ENSO)

- *Neutral*
- *El Niño*
- *La Niña*

Matthias Stomer, Dutch, c. 1630

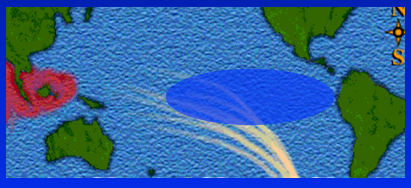
Neutral conditions





El Niño conditions

La Niña conditions



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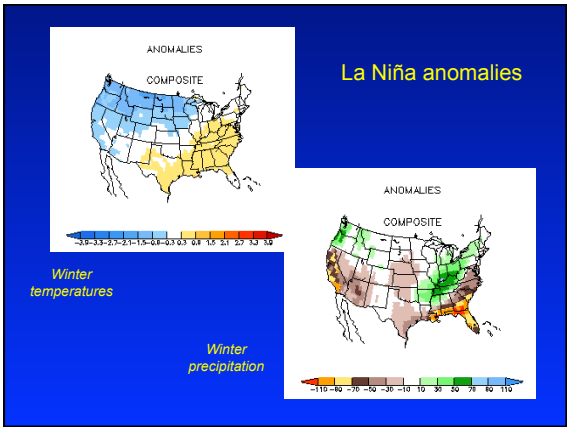

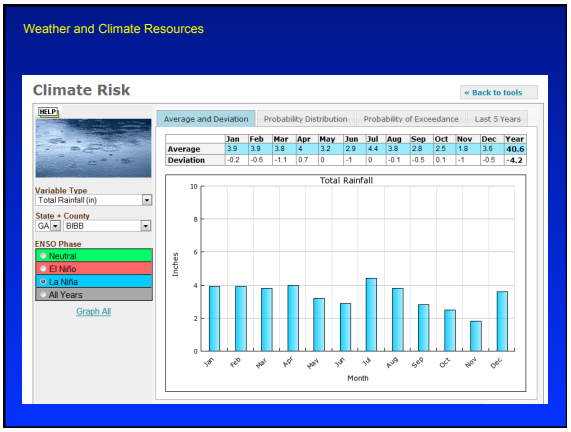

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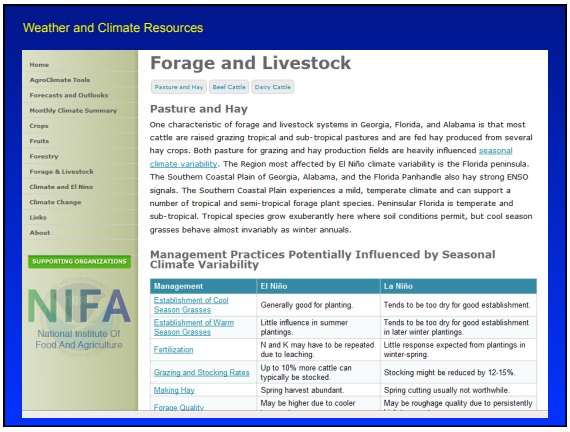

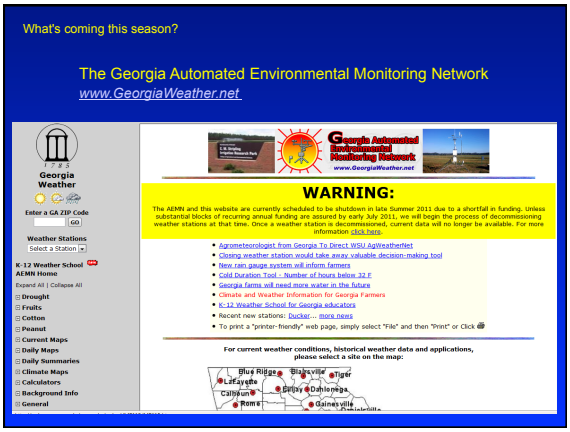

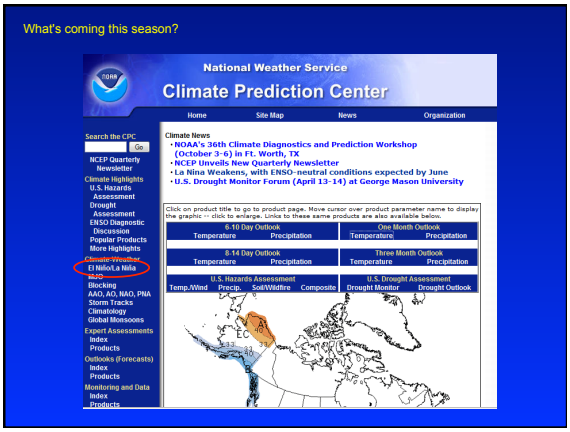

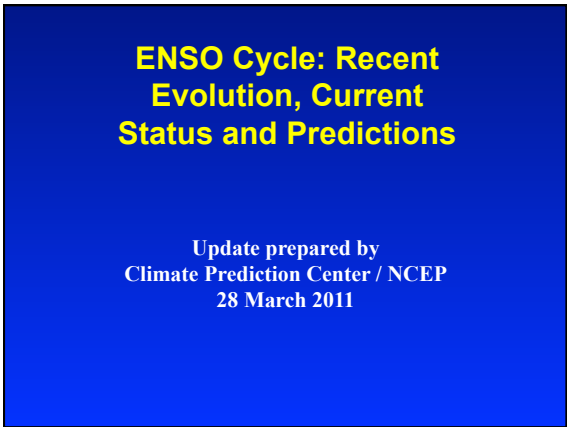

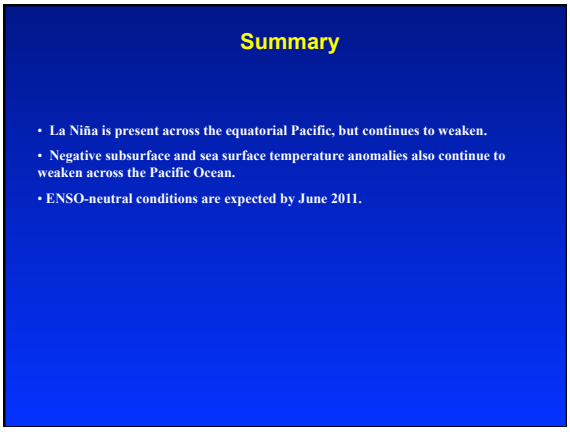

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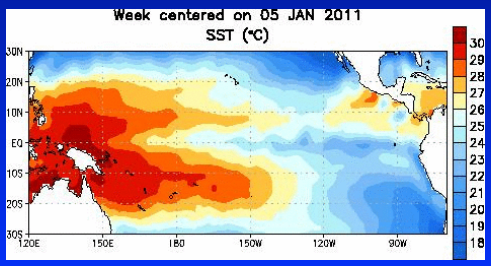
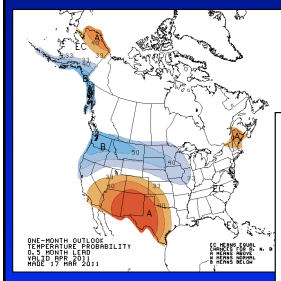
What's coming this season?

Transitioning from La Nina to Neutral Phase



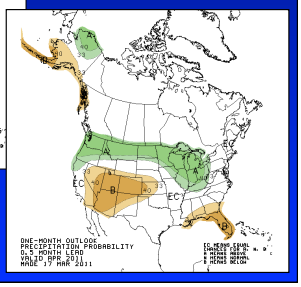
What's coming this season?

One-month outlook



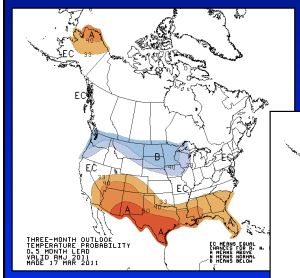
Temperature

Precipitation



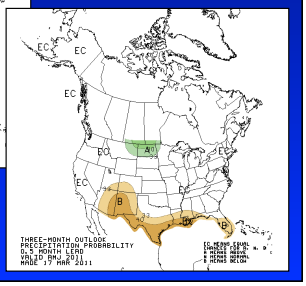
What's coming this season?

Three-month outlook



Temperature

Precipitation



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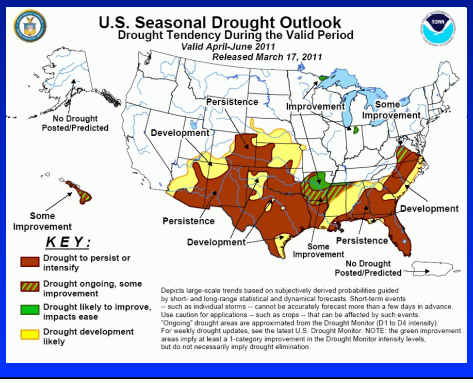

The ARID tool

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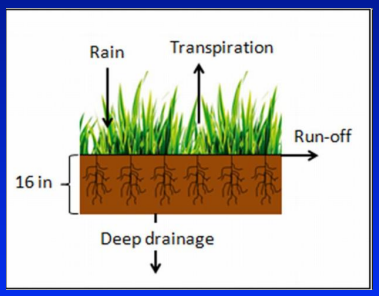
"Agricultural Reference Index for Drought"

The ARID tool



ARID varies from 0 (no stress) to 1 (greatest stress)

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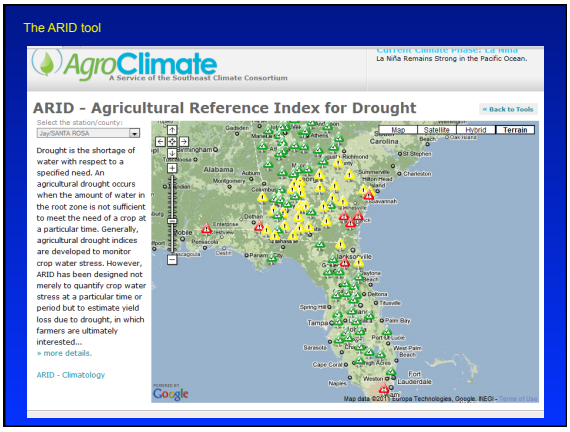

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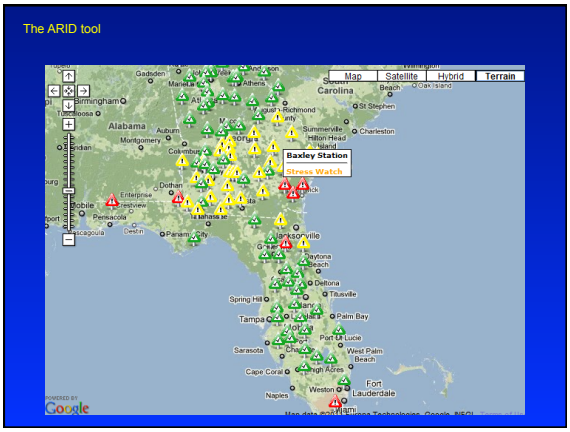

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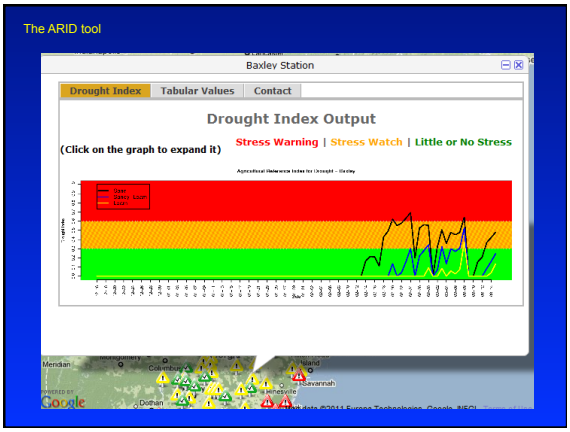

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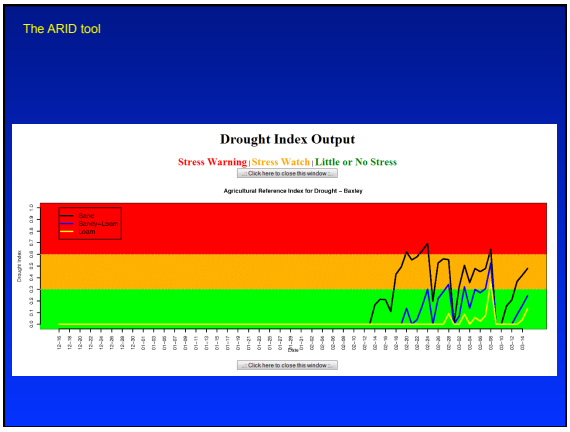

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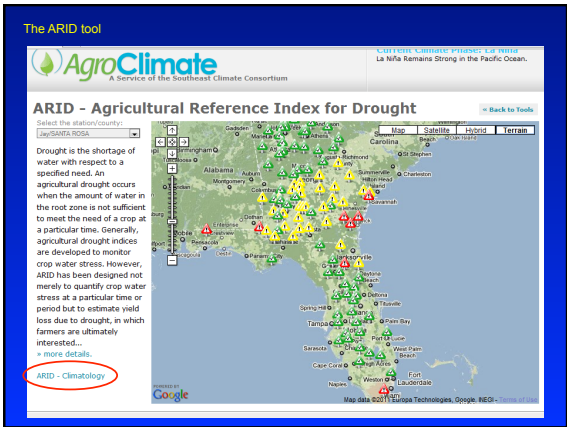

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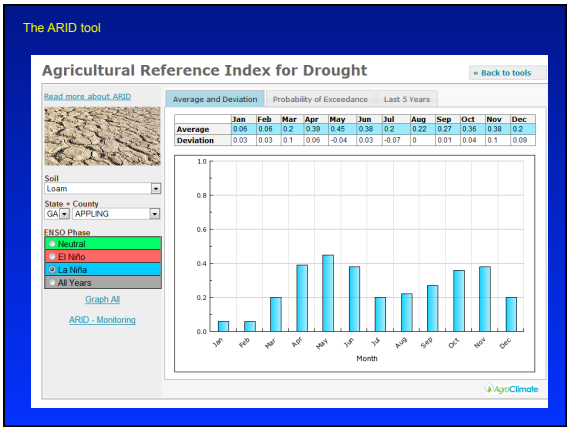

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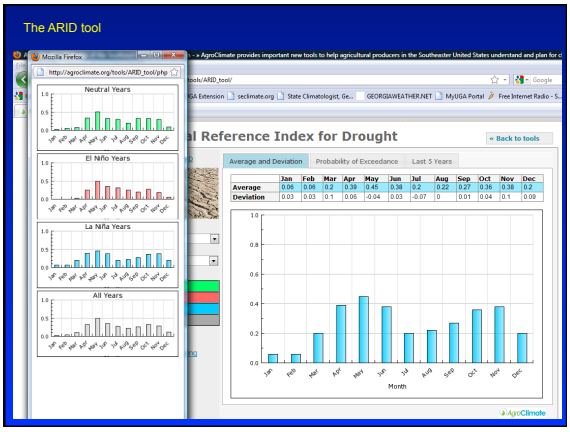

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