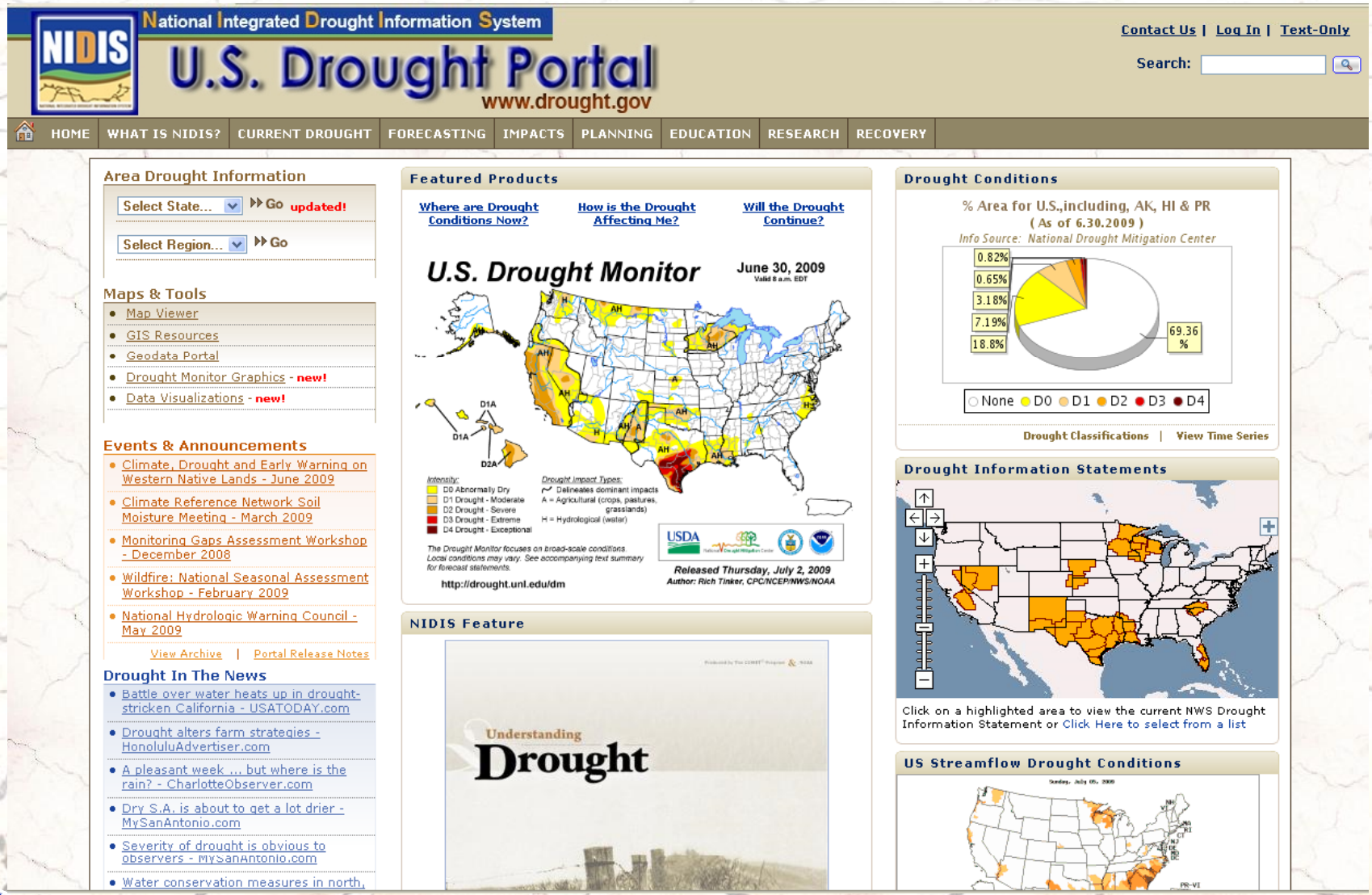
US Drought Monitor Forum
Austin, Texas

The US Drought Portal

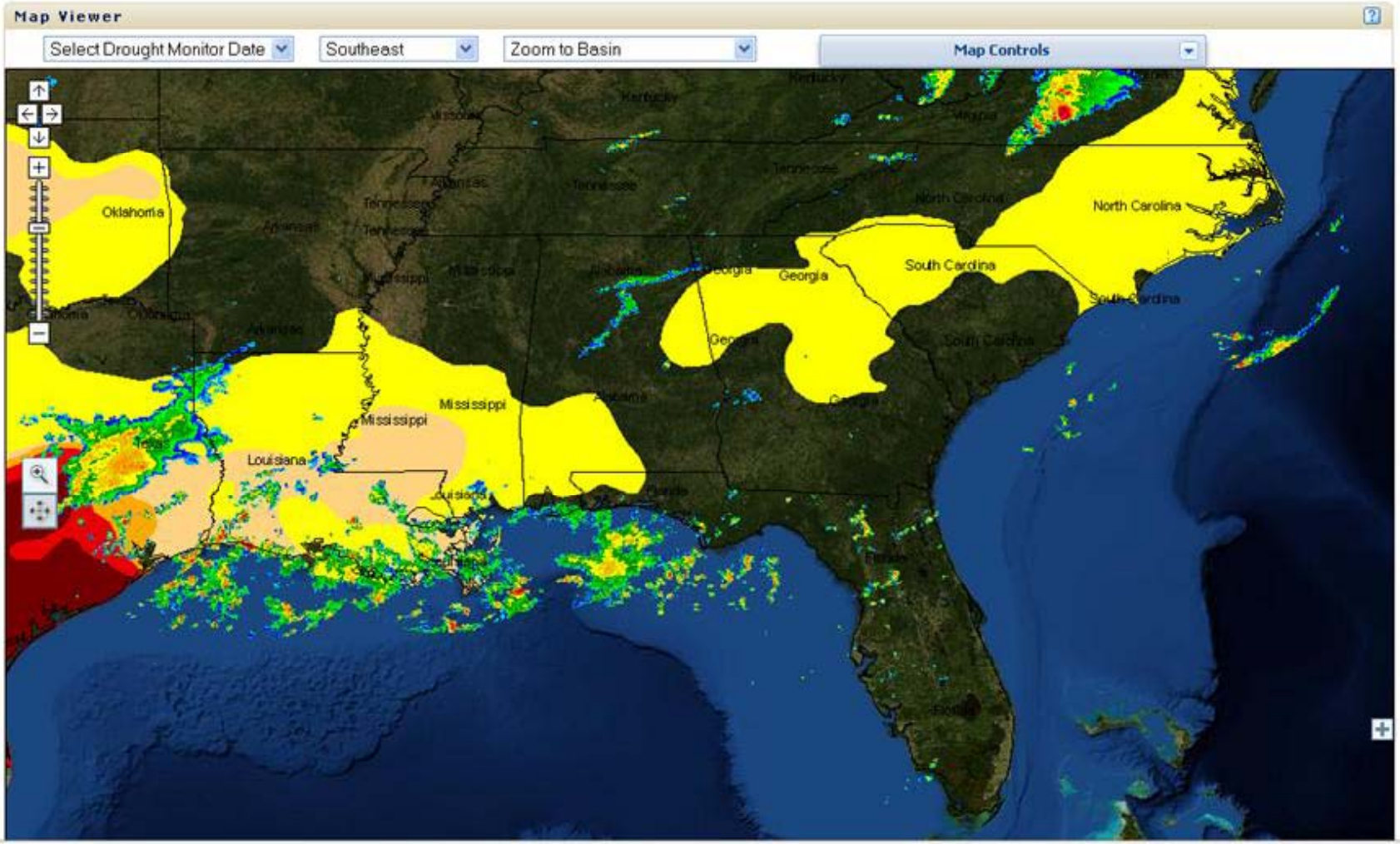
Mike Brewer, Jason Symonds, Mark Svoboda

October 7, 2009

U.S. Drought Portal



U.S. Drought Portal – Data Services



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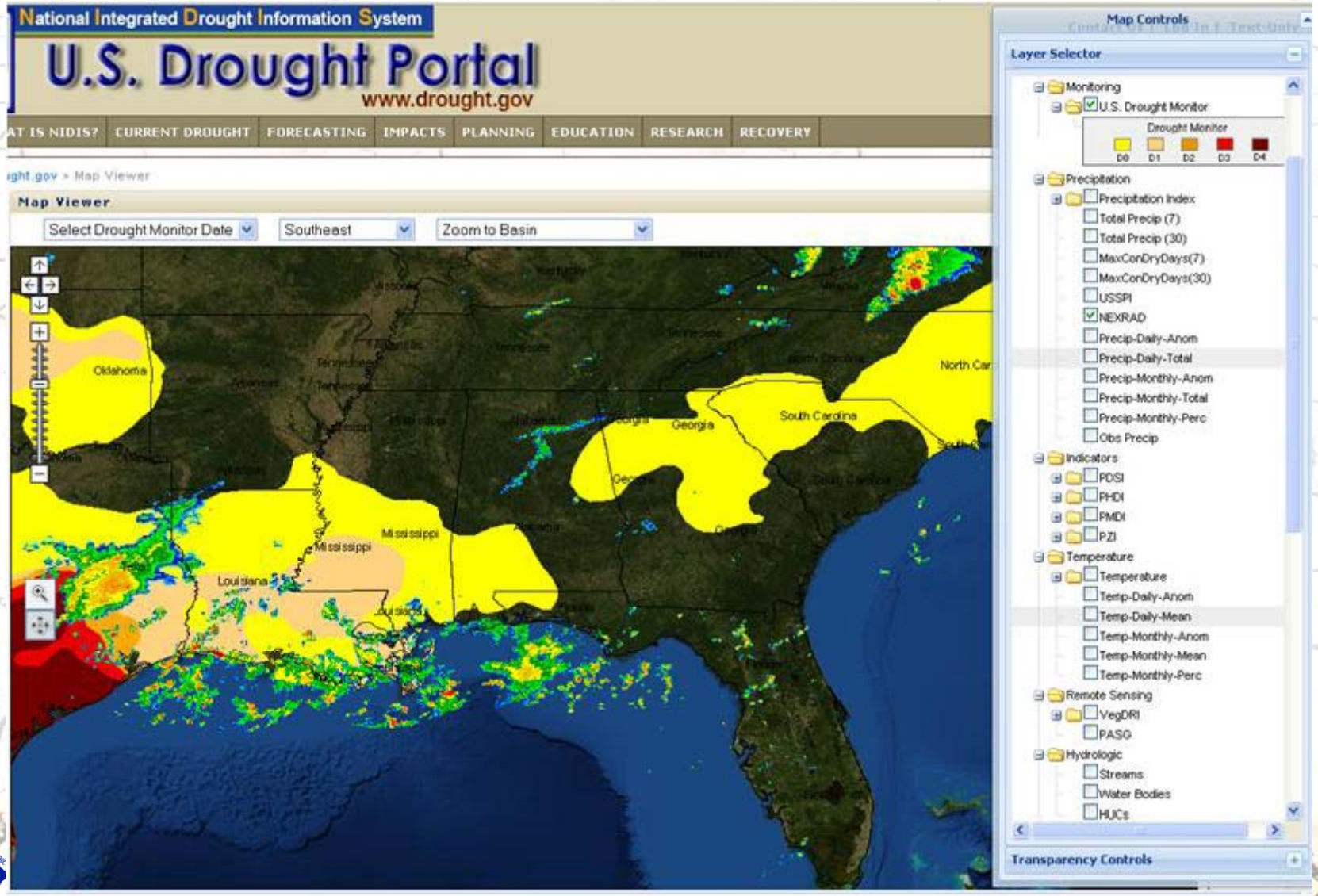
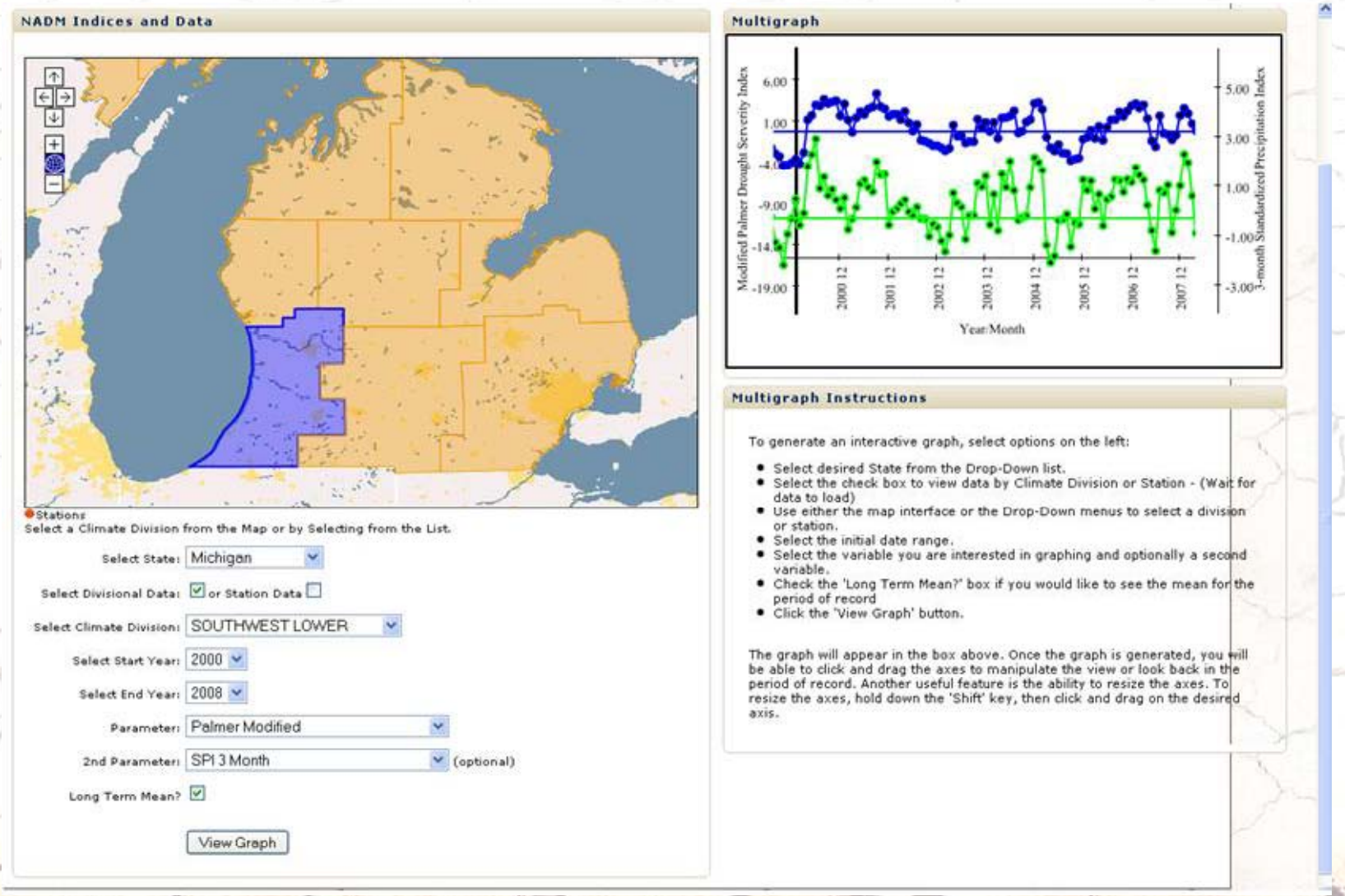
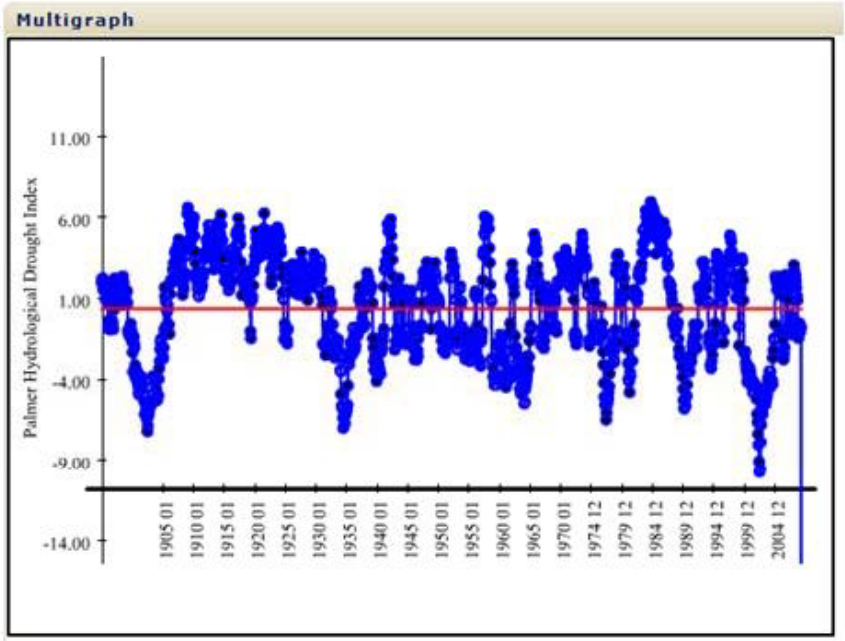


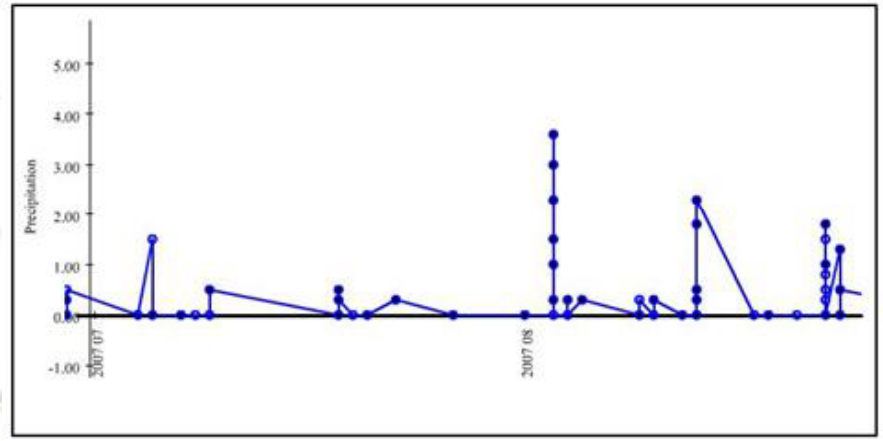
U.S. Drought Portal – Data Services



U.S. Drought Portal – Data Services

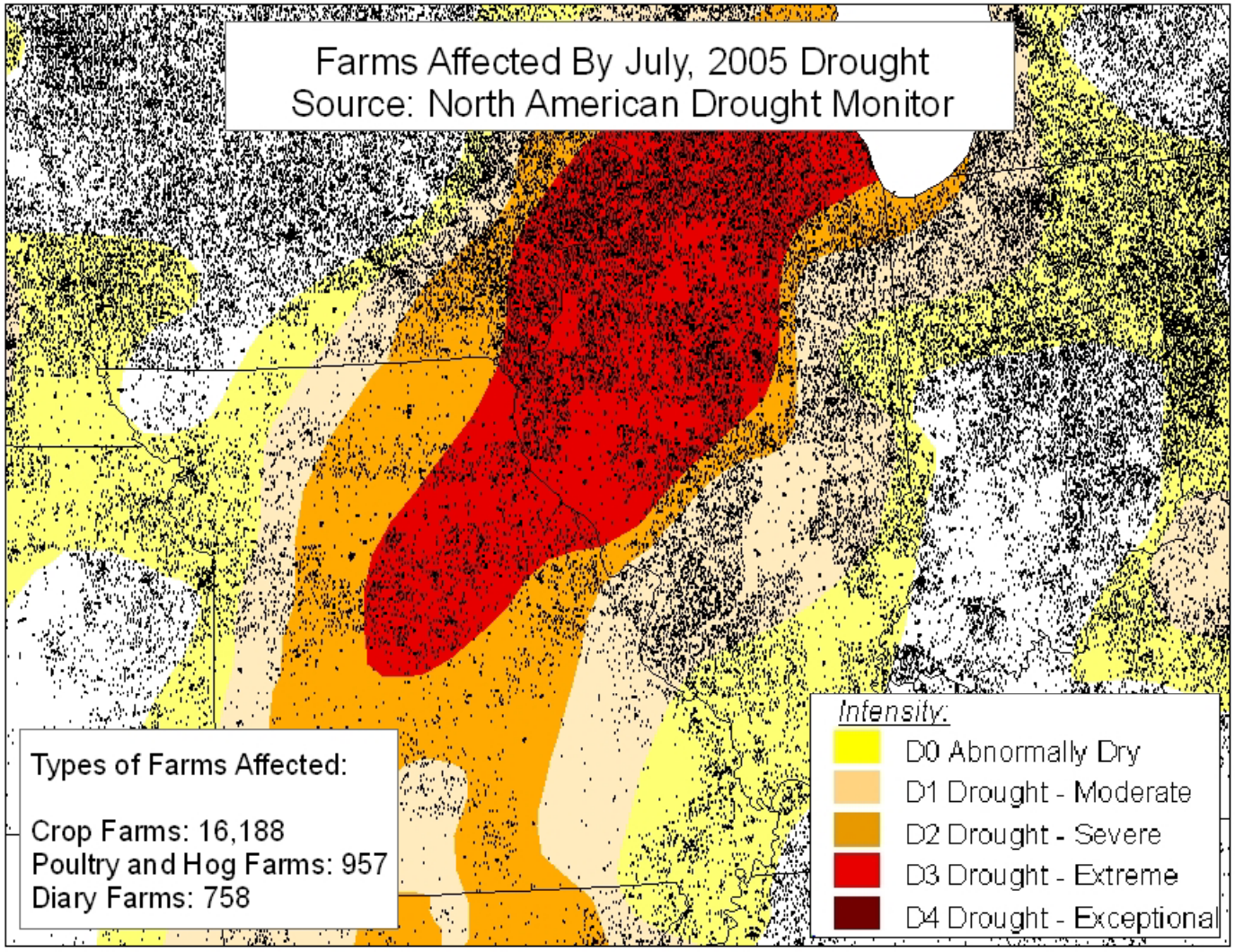
Colorado River Basin



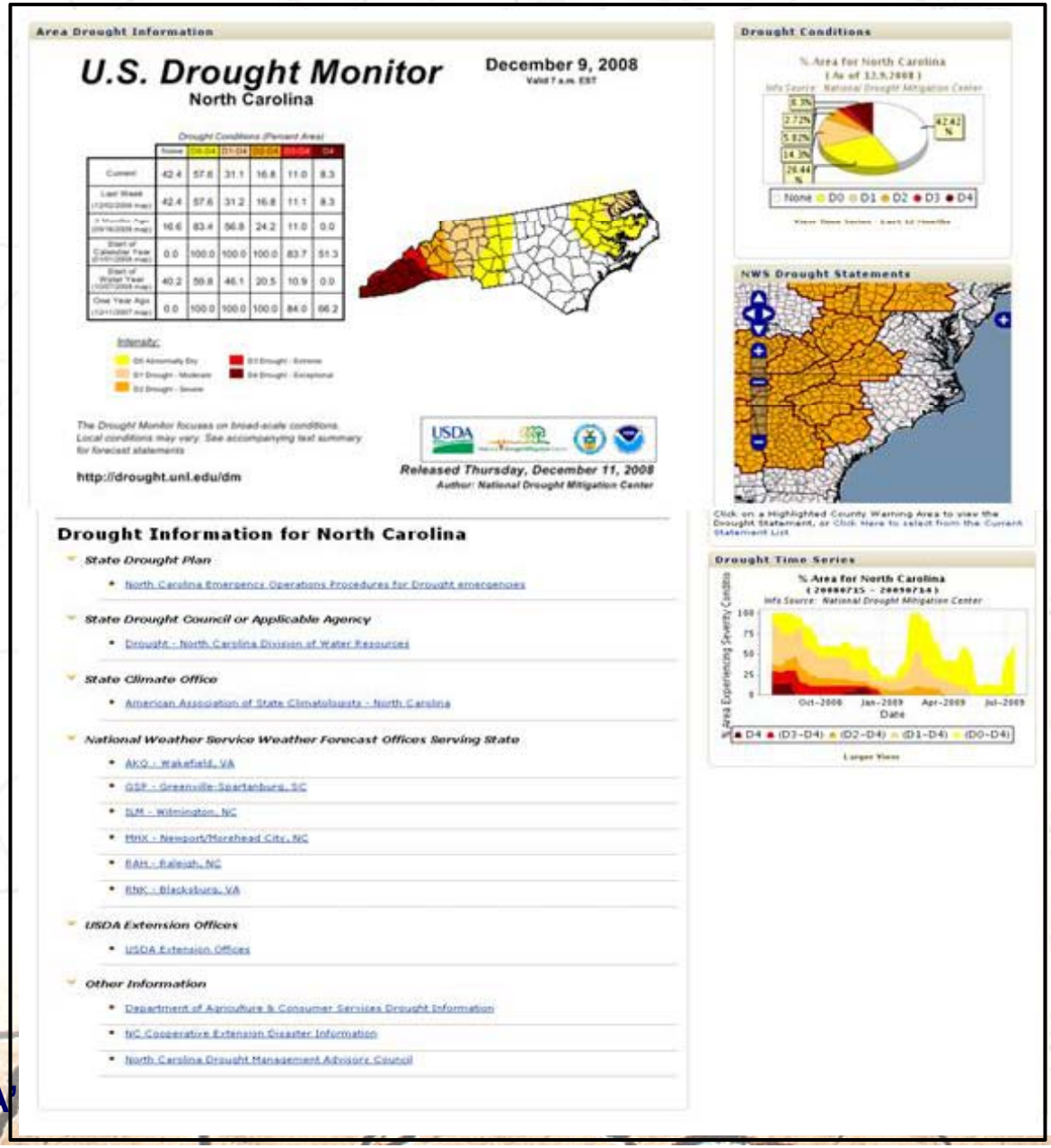


- Allows comparison with other locations

U.S. Drought Portal – Data Services Goal

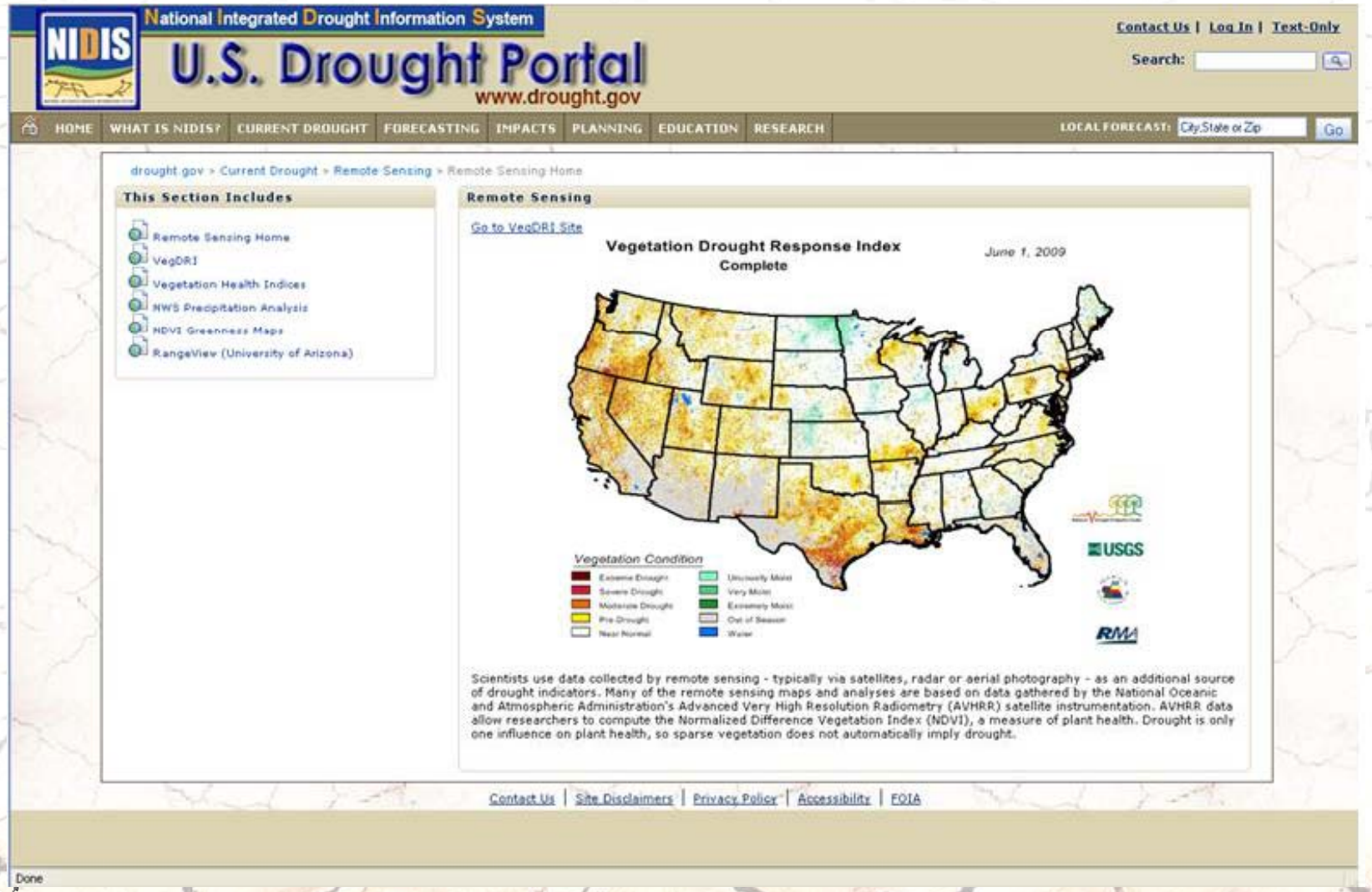


U.S. Drought Portal – New State Information



NOAA

U.S. Drought Portal – Remote Sensing



U.S. Drought Portal – Relief and Recovery

HOME | WHAT IS NIDIS? | CURRENT DROUGHT | FORECASTING | IMPACTS | PLANNING | EDUCATION | RESEARCH | RECOVERY

drought.gov > Recovery > Short-Term

This Section Includes

- Recovery Home
- Short-Term
- Long-Term

Short-Term Drought Relief and Recovery

US Department of Agriculture	USDA provides financial and technical assistance to drought affected areas and services through: • The Natural Resources Conservation Service • The Rural Development Program • The Farm Service Agency I. Crop Production Losses • Disaster Assistance Programs II. Natural Resource Protection/Private Lands • Environmental Quality Incentives Program • Emergency Watershed Protection III. Community Water and Wastewater
US Department of Interior	DOI resources are available through the: • The Recovery Act • The Drought Water Bank
National Oceanic and Atmospheric Administration	NOAA provides short-term technical assistance and advice water managers on how to facilitate transfers of water. It also oversees the: • Endangered Species Act • NIDIS
Small Business Administration	The SBA can provide Economic Injury Disaster Loans
US Army Corps of Engineers	The USACE has the authority to transport water for human consumption and usage.
Department of Labor	The DOL offers National Emergency Grants to train workers so they can find new employment.

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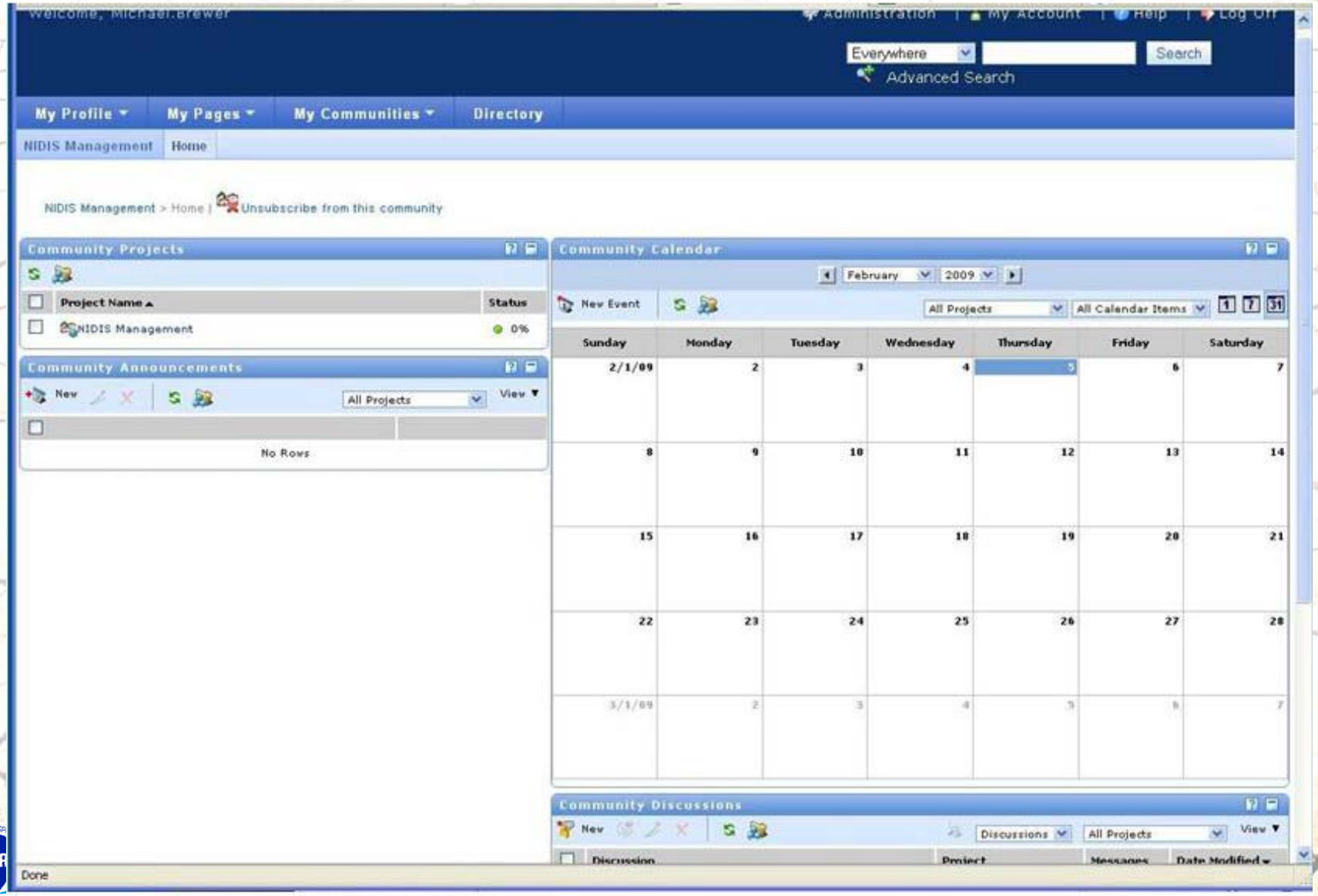
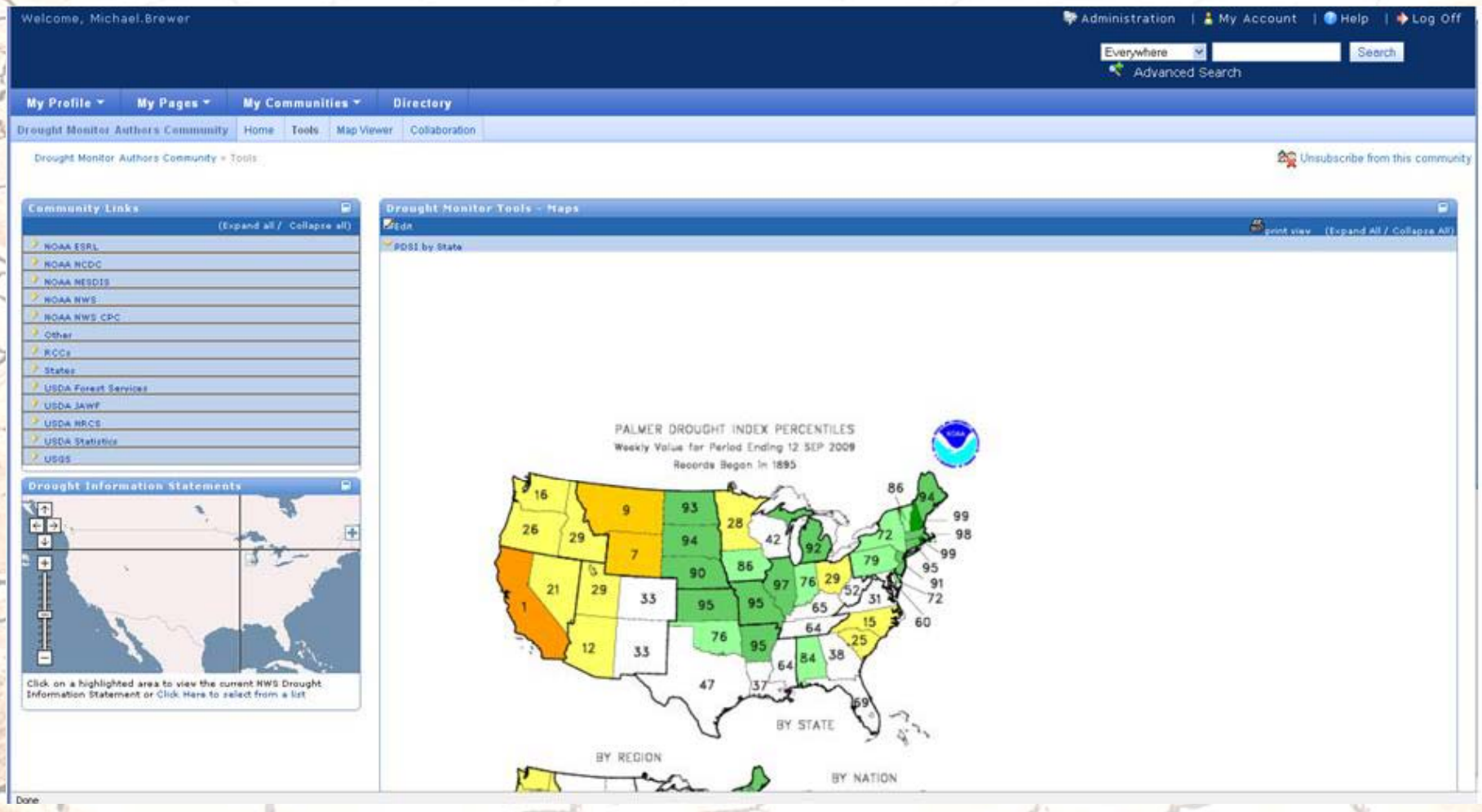
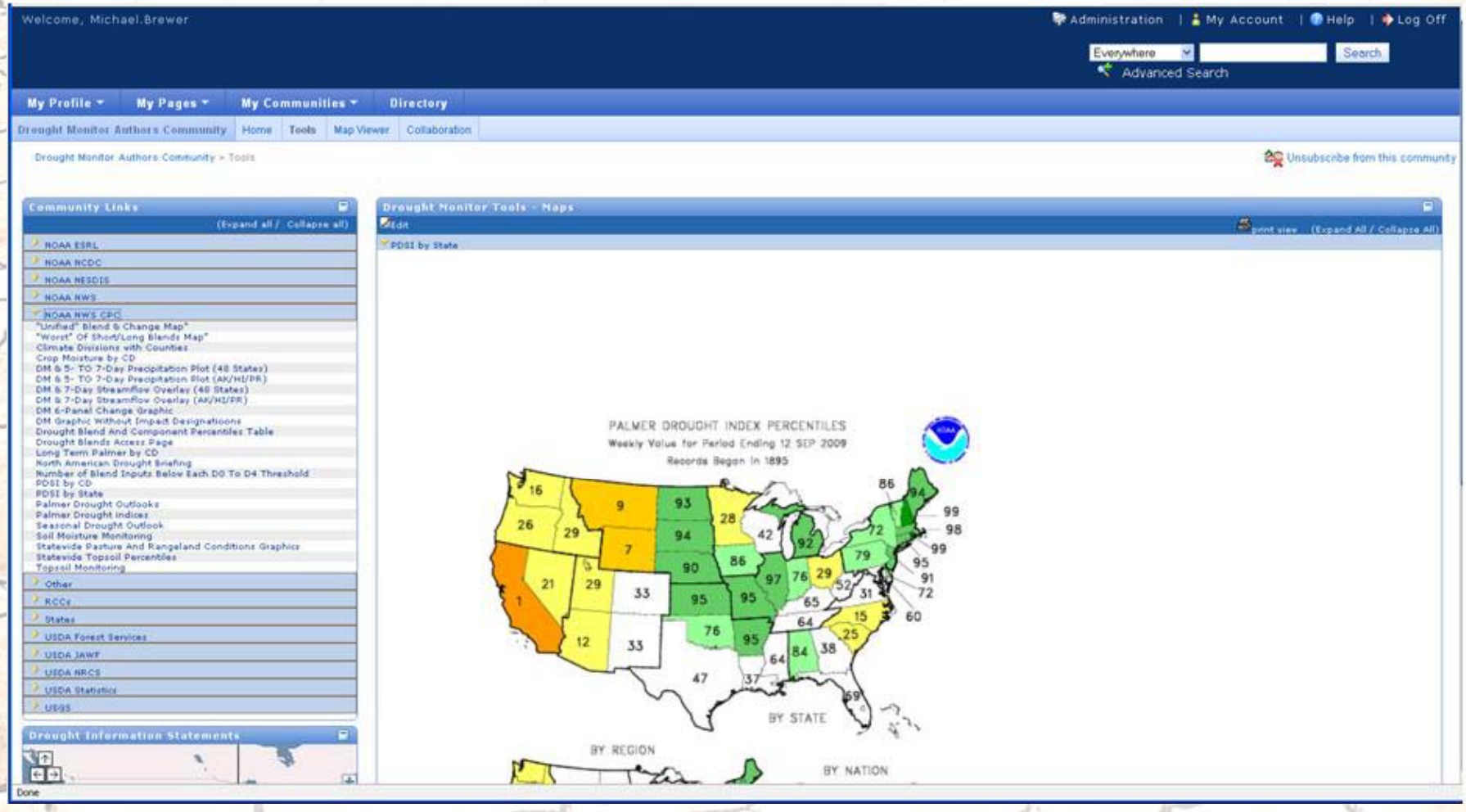
Portal Technology – Can Lock Down Information



Portal Technology – Author Toolbox



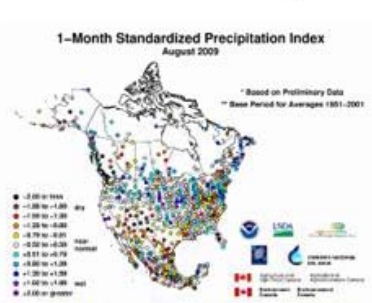
Portal Technology – Author Toolbox



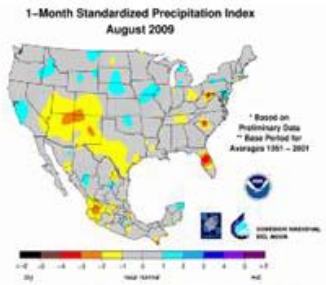
U.S. Drought Portal –Going International

New Tools Coming to a Map Viewer Near You

1-Month Standard Precipitation Index Maps



North American 1-Month Standard Precipitation Index Maps Dot Map

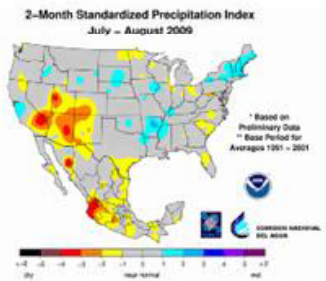


U.S. and Mexico 1-Month Standard Precipitation Index Maps Contour Map

[top]

2-Month Standard Precipitation Index Maps

North American 2-Month Standard Precipitation Index Maps Dot Map



U.S. and Mexico 2-Month Standard Precipitation Index Maps Contour Map

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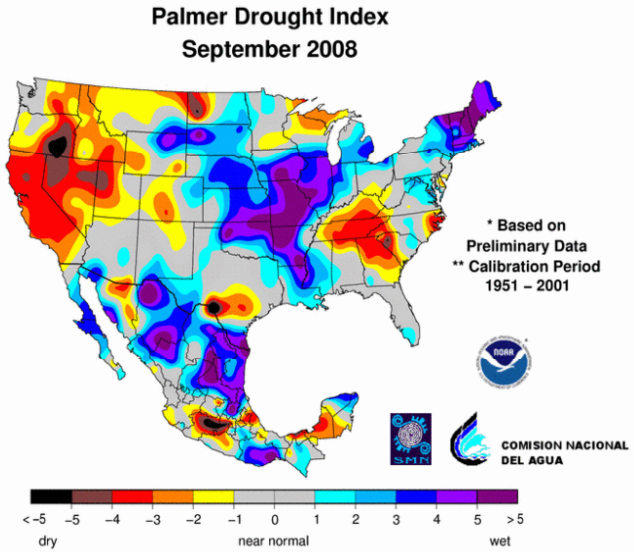
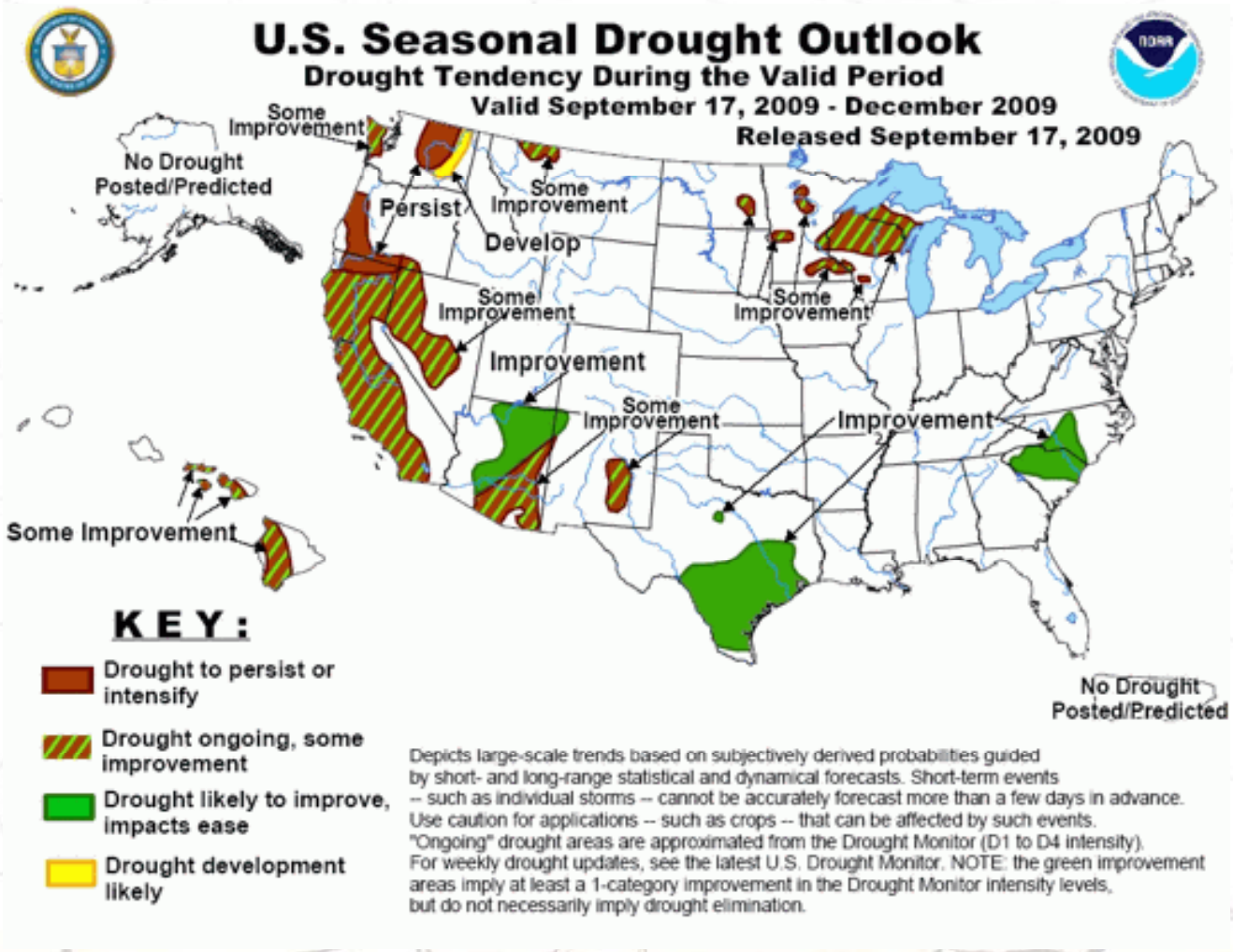
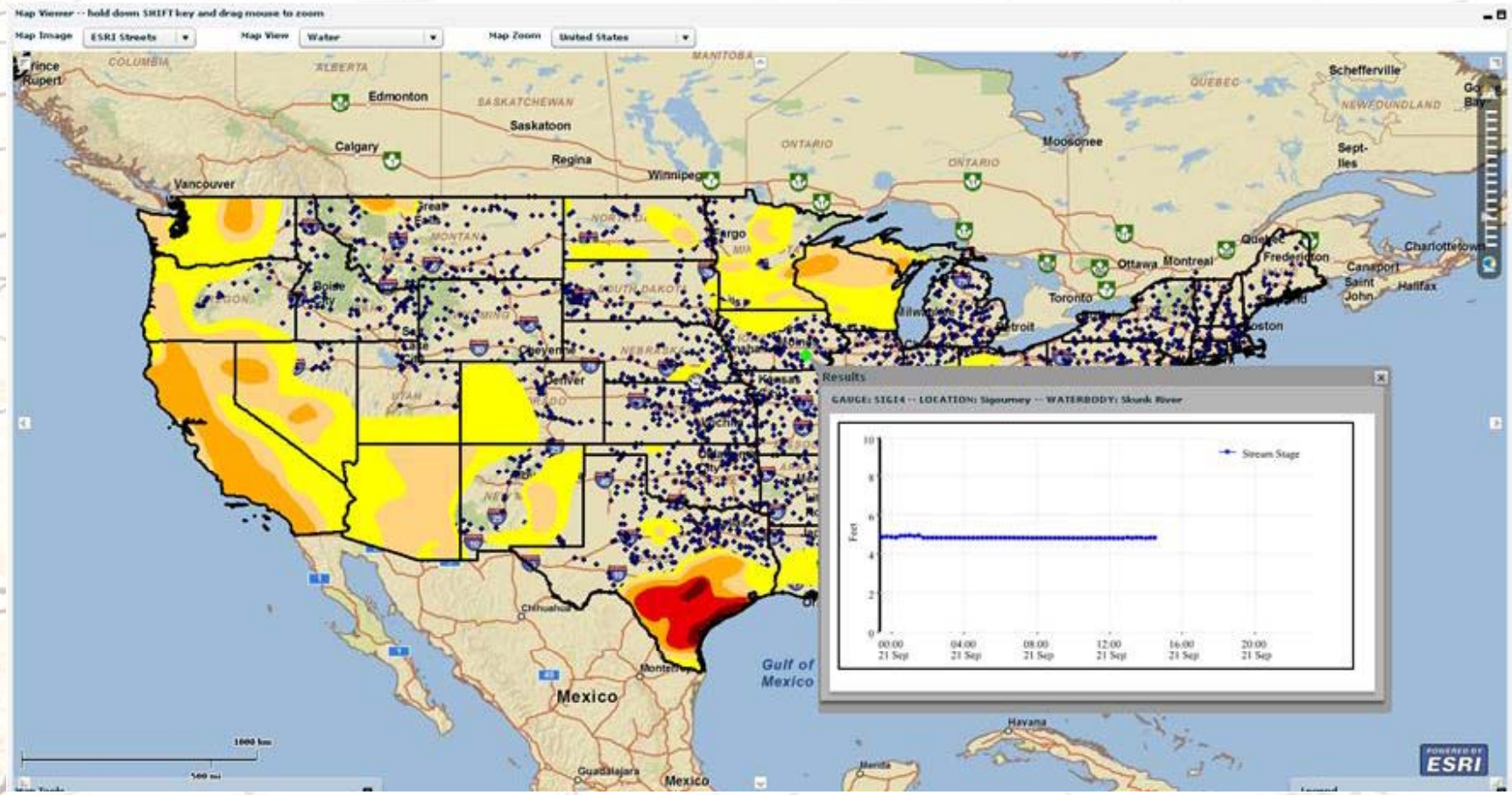


New Tools Coming to a Map Viewer Near You

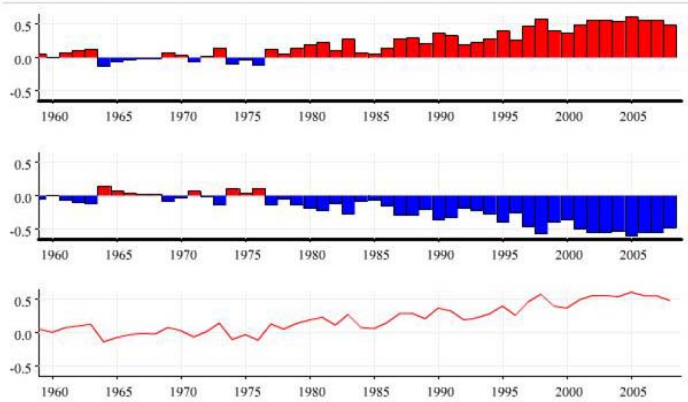


USDP– Data Services Tied To Mapping Service

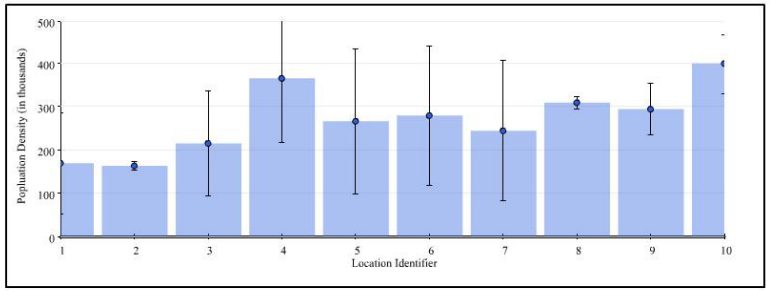


USDP– Upcoming Improved Visualizations

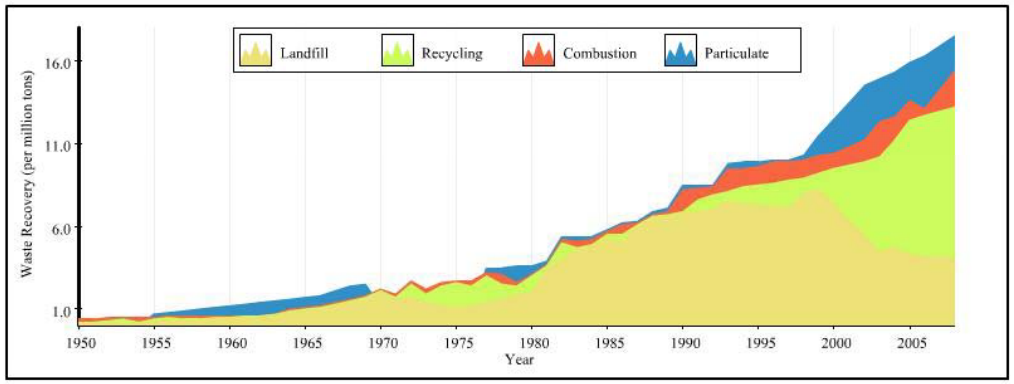
Multiple Graphs with Bound Axes



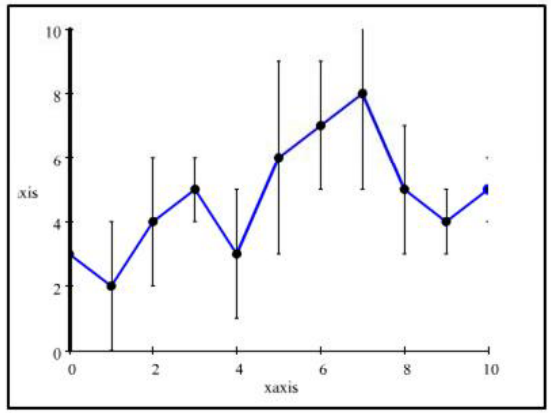
Renderers/BarError



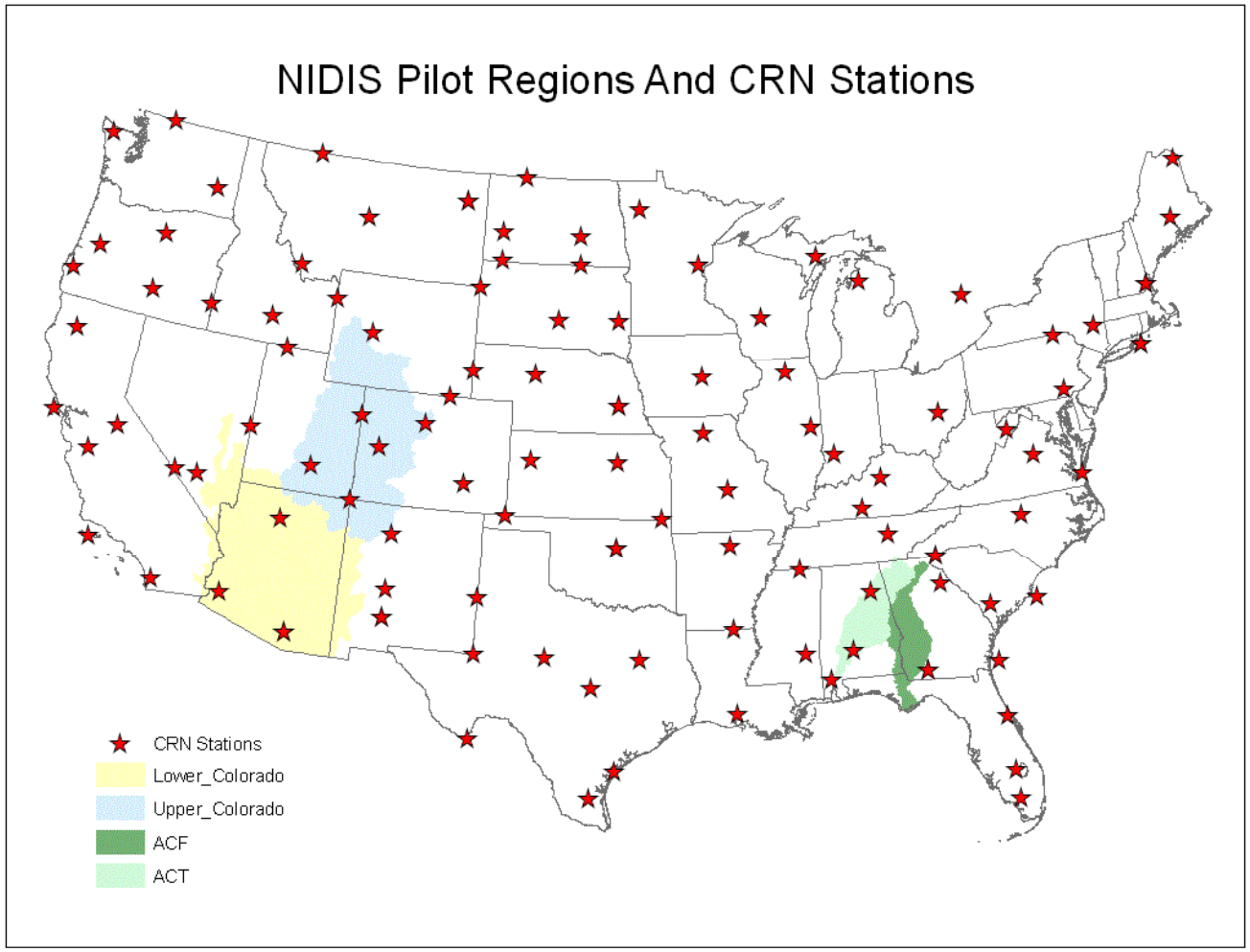
Renderers/Fill



Renderers/LineError

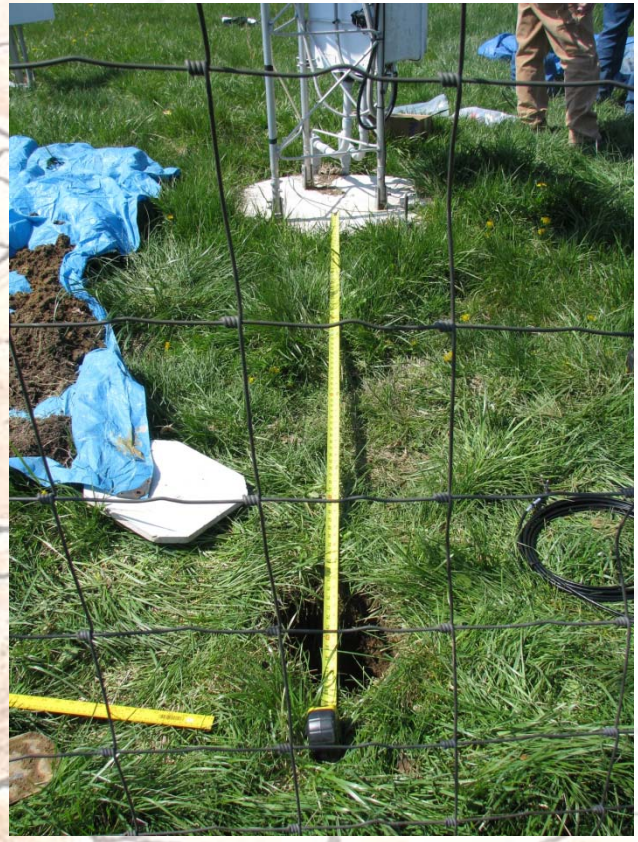


U.S. Drought Portal – New Source of Information



U.S. Drought Portal – New Source of Information

Soil Moisture and Temperature Observations from USCRN



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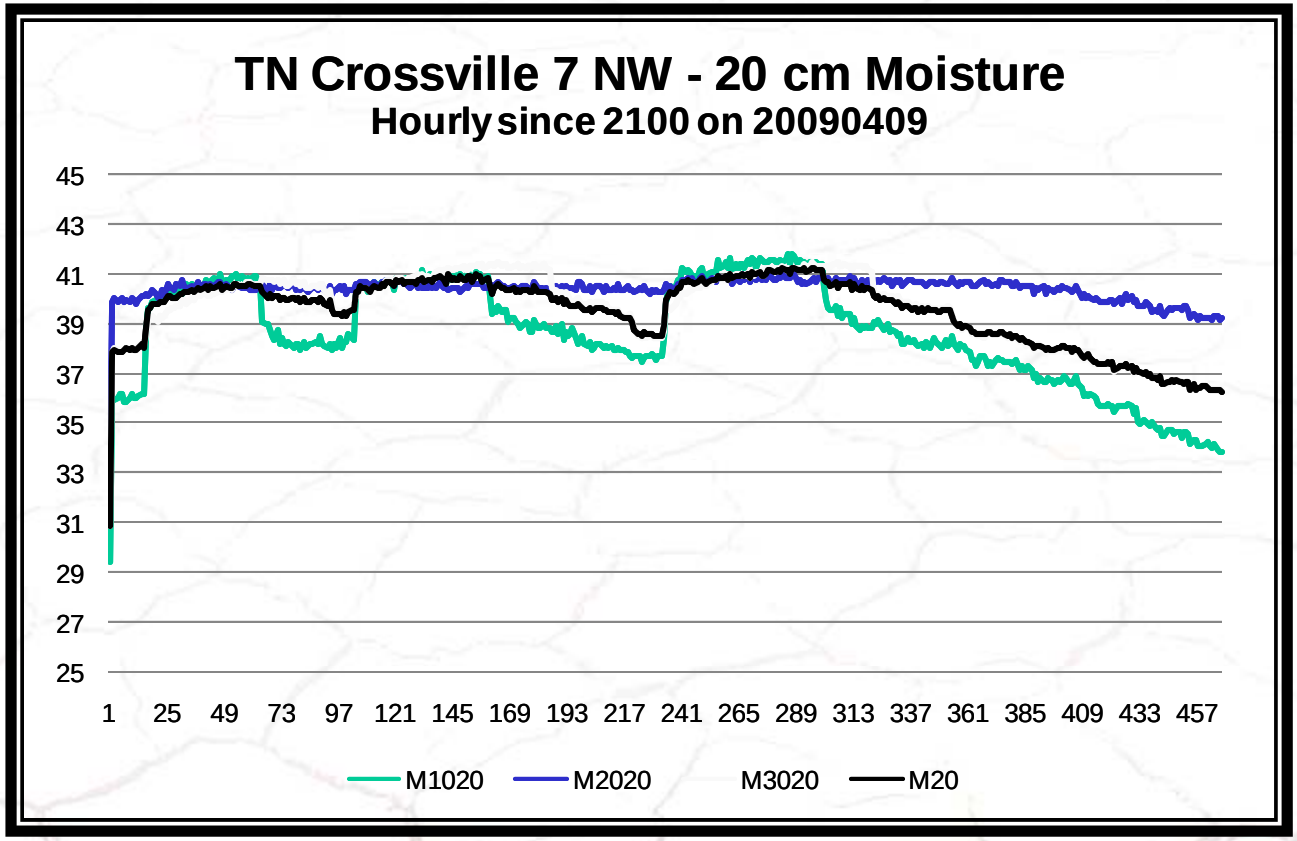

U.S. Drought Portal – Contact

THE END

NIDIS.Questions@NOAA.GOV