



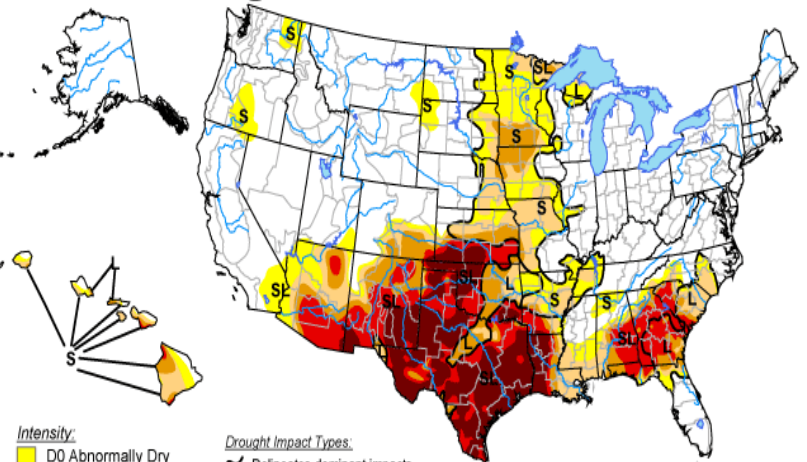
**Drought:**  
**We are from the Federal Government!**  
**And, we're here to help!**

Roger Gorke  
Senior Policy Advisor  
US Environmental Protection Agency  
Office of Water

# A little recent drought history....

## U.S. Drought Monitor November 15, 2011

Valid 7 a.m. EST



**Intensity:**  
 D0 Abnormally Dry  
 D1 Drought - Moderate  
 D2 Drought - Severe  
 D3 Drought - Extreme  
 D4 Drought - Exceptional

**Drought Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically <6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically >6 months (e.g. hydrology, ecology)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>

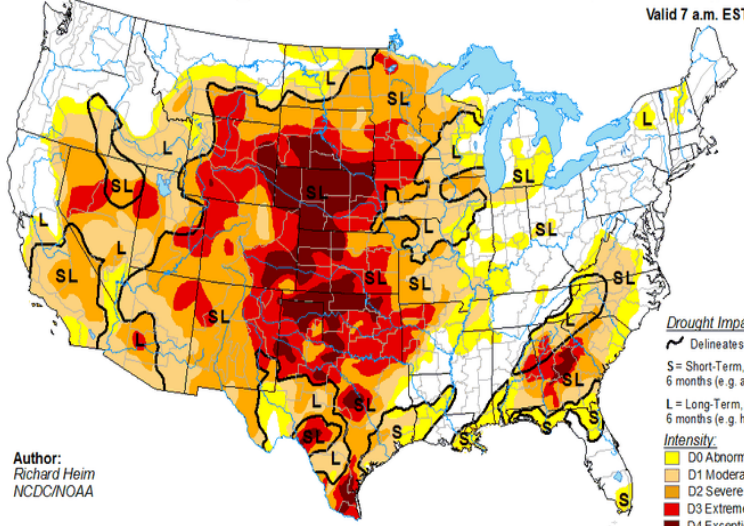


Released Thursday, November 17, 2011  
 Author: Anthony Artusa, NOAA/NWS/NCEP/CPC



## U.S. Drought Monitor January 1, 2013

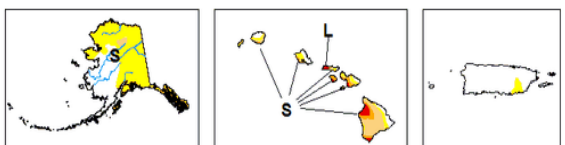
January 1, 2013  
 (Released Thursday, Jan. 3, 2013)  
 Valid 7 a.m. EST



**Drought Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**  
 D0 Abnormally Dry  
 D1 Moderate Drought  
 D2 Severe Drought  
 D3 Extreme Drought  
 D4 Exceptional Drought

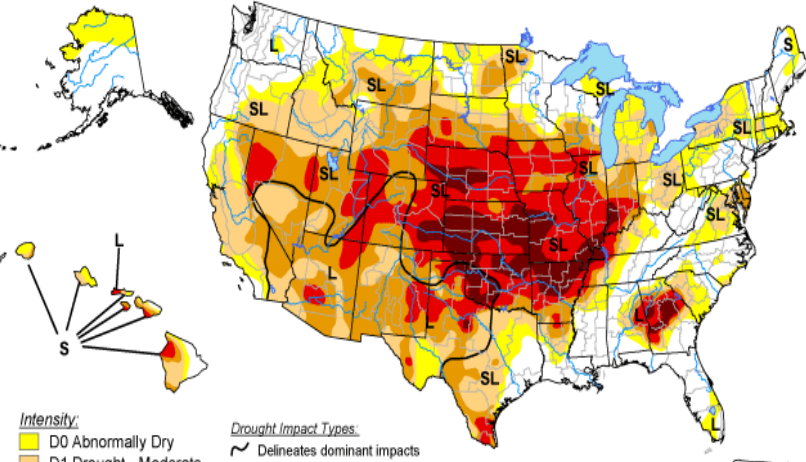
Author: Richard Heim  
 NCDC/NOAA



<http://droughtmonitor.unl.edu/>

## U.S. Drought Monitor August 21, 2012

August 21, 2012  
 Valid 7 a.m. EDT



**Intensity:**  
 D0 Abnormally Dry  
 D1 Drought - Moderate  
 D2 Drought - Severe  
 D3 Drought - Extreme  
 D4 Drought - Exceptional

**Drought Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically <6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically >6 months (e.g. hydrology, ecology)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>



Released Thursday, August 23, 2012  
 Author: Michael Brewer/Liz Love-Brotak, NOAA/NESDIS/NCDC



# “Normal” Disaster Recovery Doesn’t Work

- In 2012, the U.S. Department of Agriculture (USDA) led a National Disaster Recovery Framework effort to help communities respond to and recover from the 2012 drought across much of the central United States.
- Listening sessions: “Feds are not working together”, “We don’t know who to turn to”, “You all need to get your act together!”

# NOAA/NIDIS - National Integrated Drought and Information System

- NIDIS is a multi-agency partnership led by NOAA to coordinate drought monitoring, drought forecasting, and drought early warning planning and information at the watershed, state, and county levels across the United States
- NIDIS helps enable the Nation to move **from a reactive to a more proactive approach** to managing drought risks and impacts, and to improve long-term drought resilience;
- establishing a network of key partners and stakeholders in a region, decision makers and citizens can take a systematic approach to **better coordinating and integrating disparate efforts** in drought monitoring and forecasting, and in planning and preparing for drought.

# National Drought Resilience Partnership (NDRP)

- The NDRP helps to facilitate stakeholder access to relevant federal programs that address long-term drought resilience.
- The NDRP coordinates federal long-term drought resilience policy across 13 federal agencies
- The NDRP is an enduring partnership that enables locally and regionally driven priorities through focused collaboration to build regional resilience to drought.

# WestFAST

- Western States Federal Agency Support Team
- 12 federal agencies that have a role in western water
- Jointly Fund federal liaison at WSWC Offices

# Drought Resilience in SW Oklahoma:

Altus, OK: What they did to build long-term drought resilience and ensure future economic development!

- 2010-2014 worst drought of record for SW OK
- Assemble diverse group of local stakeholders for “task force
- Strong and consistent leadership of the “task force”
- Development of a plan
- Longevity of task force
- Active engagement with State and Federal Partners
- Summit in Altus, August 21, 2017...So many Feds in SW OK that it caused an Eclipse!!!