Brian Wardlow
National Drought Mitigation Center
School of Natural Resources
University of Nebraska-Lincoln

National Drought Mitigation Center
Program Overview

Photo: Cimarron County, Oklahoma
Gary McManus, Oklahoma Climatological Survey, late June, 2008
National Drought Mitigation Center

**Founded:** 1995 at the University of Nebraska-Lincoln

**Mission:** To lessen societal vulnerability to drought by promoting planning and the adoption of appropriate risk management techniques.
NDMC Organizational Structure

- Climatology
- Water resources
- Hydrology

- Ag. Economics
- Human Dimensions of Drought (socioeconomic)
- Drought Planning & Mitigation Strategies

- Remote Sensing
- GIS

- Communications
- Web and System Administration
- Outreach
- Workshops
RMA supported projects developing drought tools for agricultural producers.
USDA Risk Management Agency Projects
Timeframe: (2005-2010)

Suite of Tools for Drought Preparedness
• Vegetation Drought Response Index / VegOUT
• Localized Drought Monitor
• Drought Impact Reporter
• Economic drought impacts analysis
• U.S. Drought Risk Atlas
• Greenleaf climate analysis website
• Ranch Drought Plan website
• Real-time ground water monitoring network for Nebraska
Please visit the NDMC website for more information:

http://www.drought.unl.edu/
Workshop Goals

1. Introduce a new vegetation drought monitoring tool called VegDRI (Vegetation Drought Response Index)

2. Discuss specific informational needs, products, & applications of VegDRI

3. Discuss the accuracy of VegDRI for California

4. Introduce a experimental tool called the Vegetation Outlook (VegOut)