



Tools for Assessing Early Signs of Drought

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Tools

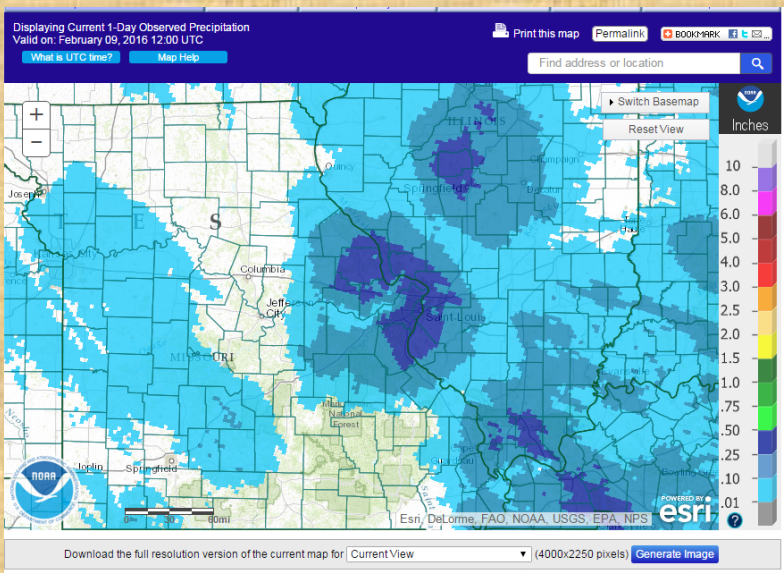
- **Cooperative Observers**
 - NWS COOP
 - CoCoRAHS
 - Missouri Ag Network (Pat Guinan)
- **Rainfall anomalies**
 - <http://water.weather.gov/precip/>
 - PRISM <http://www.prism.oregonstate.edu/mtd/> (Firefox)
 - Midwest or High Plains Regional Climate Centers
- **Soil Moisture modeling**
 - **CPC Leaky Bucket:**
http://www.cpc.noaa.gov/products/Soilmst_Monitoring/index.shtml
 - **VIC** <http://www.hydro.washington.edu/forecast/monitor/>

COOP input

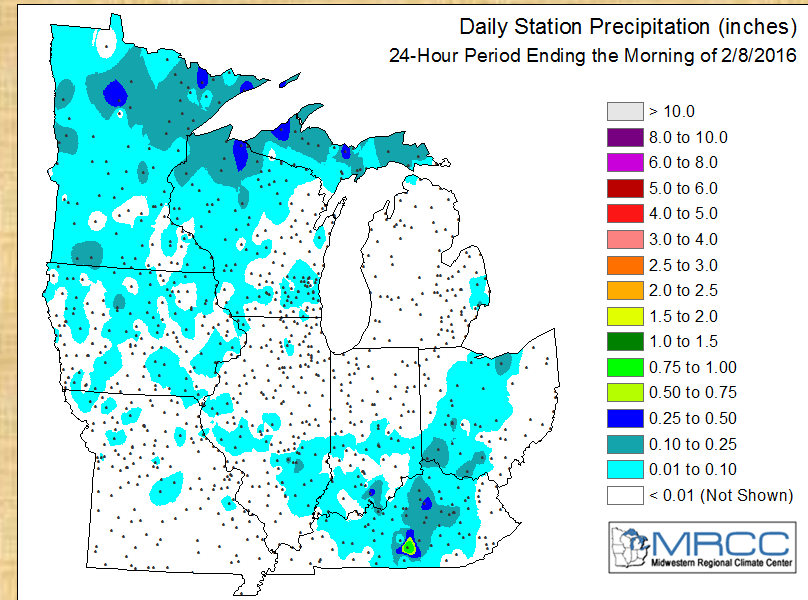


Rainfall anomalies

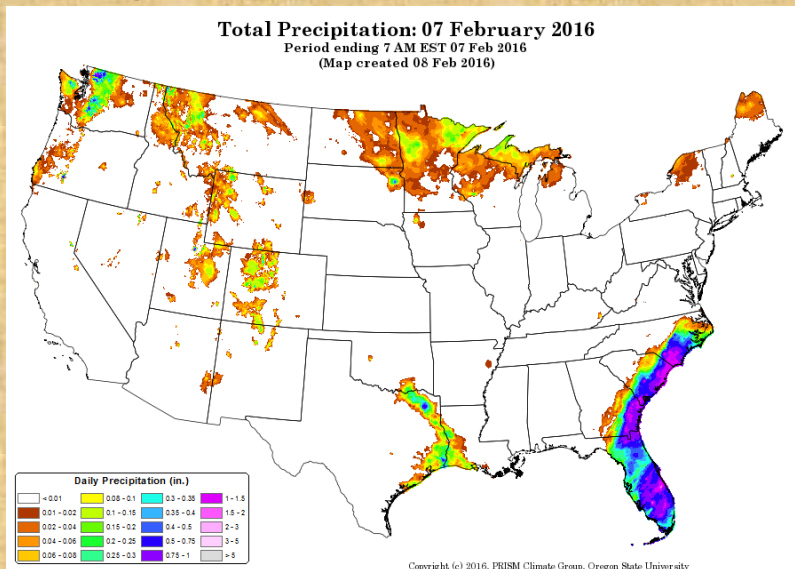
NWS AHPS



MRCC



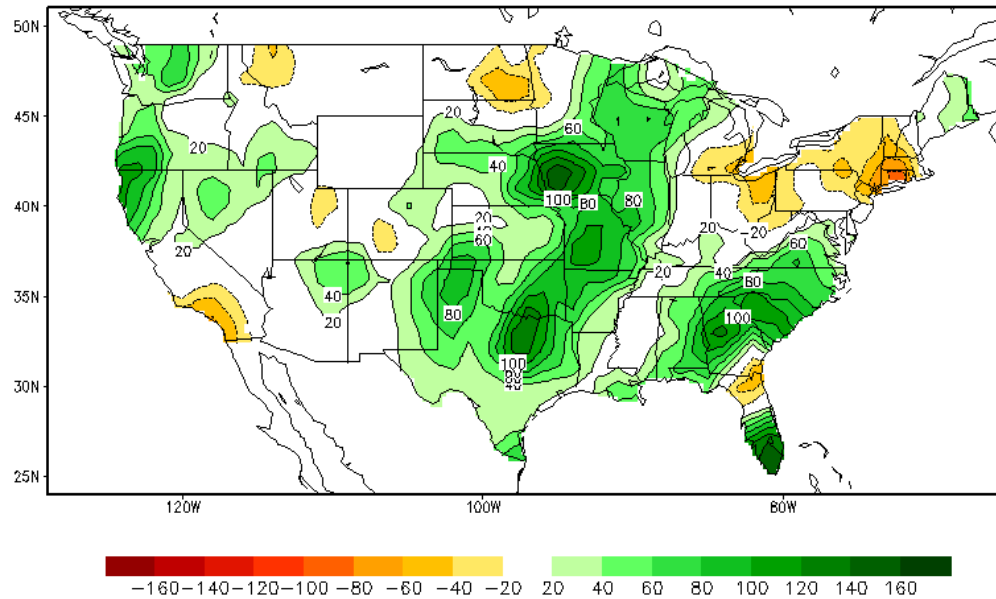
PRISM



Soil Moisture

CPC – “Leaky Bucket”

Soil Moisture Anomaly (mm) Last day of JAN, 2016



VIC Model

