

# Drought Task Force Summary

## 13 August 2012

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SDSU Extension/AES/ABE

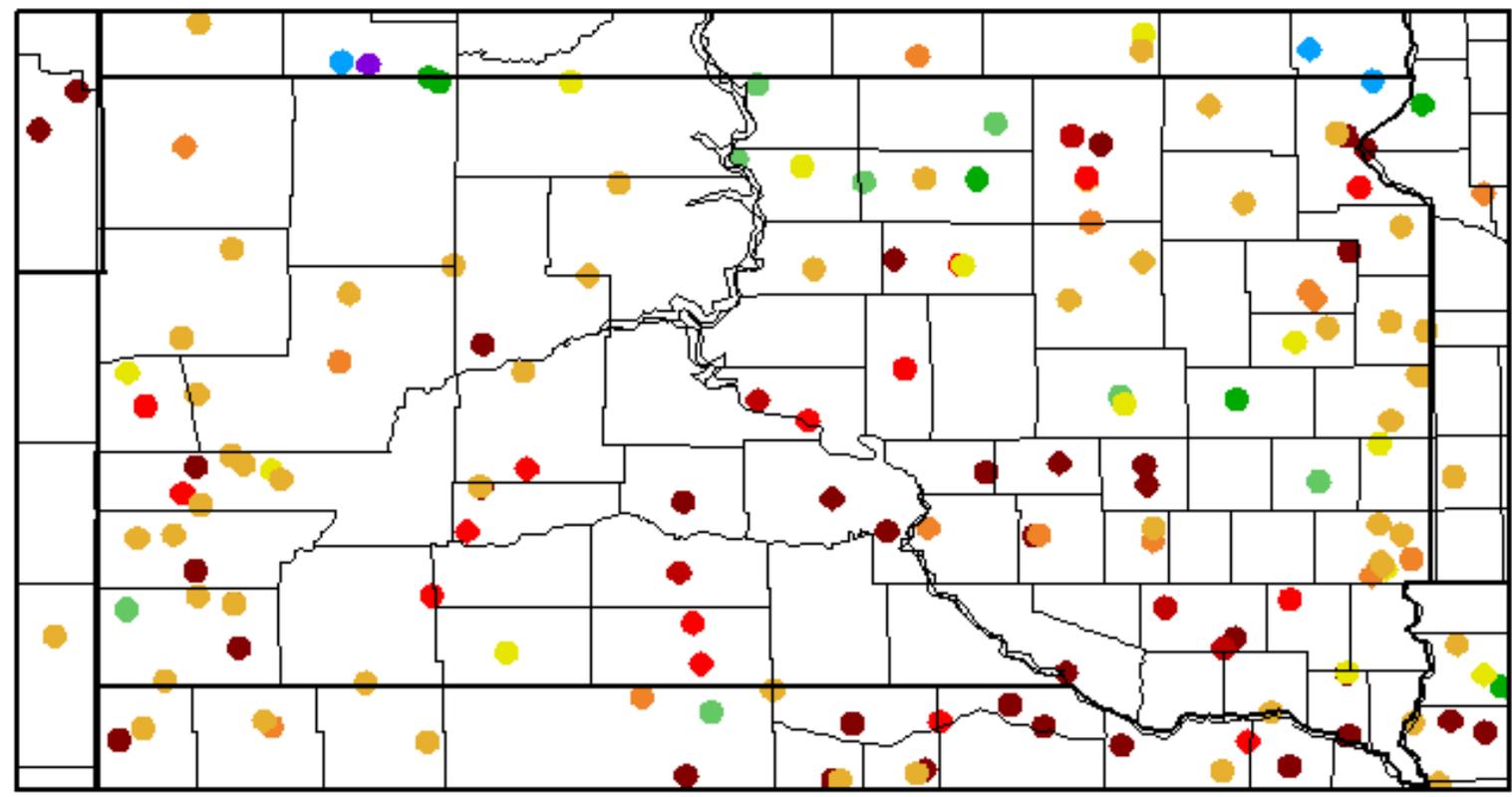
# Drought Issues Summary

- Minor improvements again with some rain in places
- Cooler temperatures also reduced some issues
- No major drought monitor changes
- Hints of continuing pattern changes with temperature – precip?

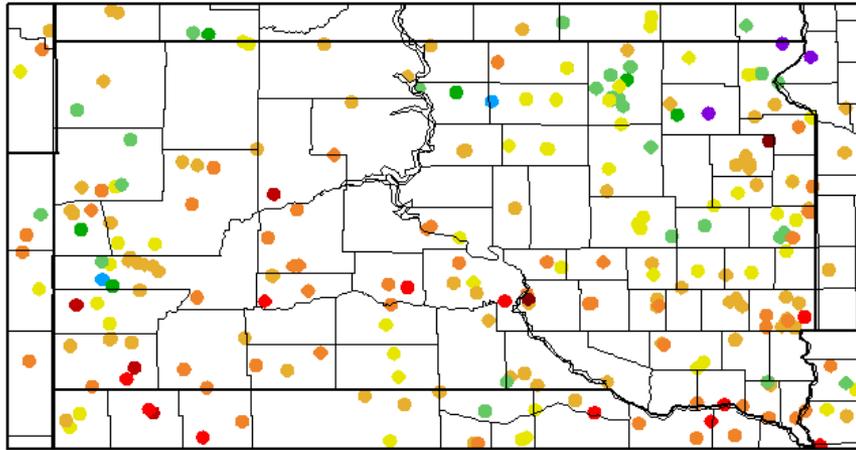


# Precipitation (in)

8/5/2012 - 8/11/2012



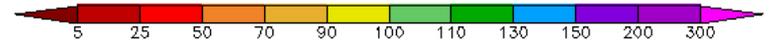
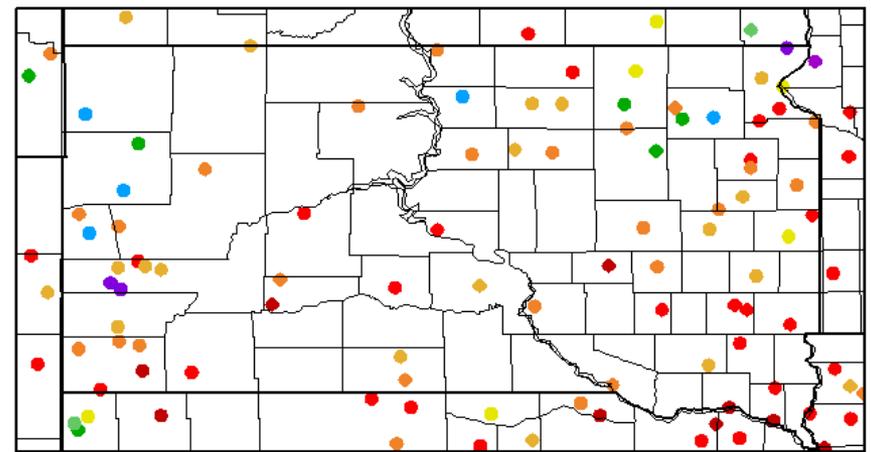
Precipitation (in)  
7/13/2012 - 8/11/2012



Generated 8/12/2012 at HPRCC using provisional data.

Regional Climate Centers

Percent of Normal Precipitation (%)  
7/13/2012 - 8/11/2012



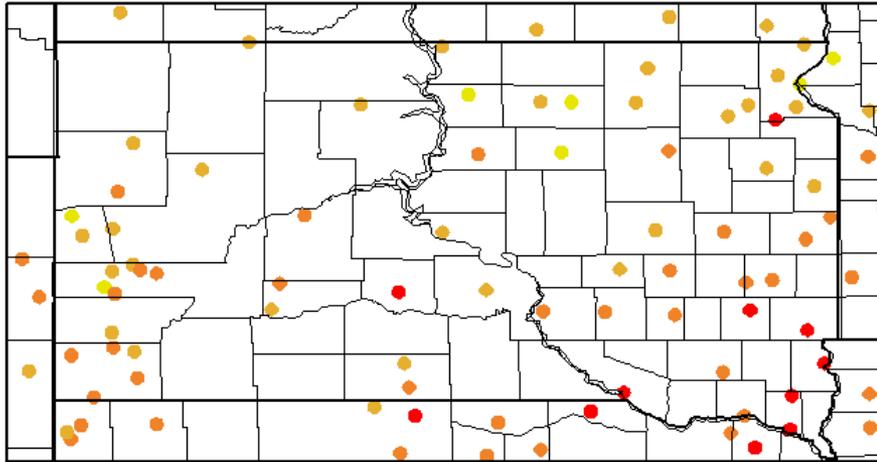
Generated 8/12/2012 at HPRCC using provisional data.

Regional Climate Centers



<http://www.hprcc.unl.edu/maps/current/>

# Departure from Normal Temperature (F) 7/13/2012 - 8/11/2012

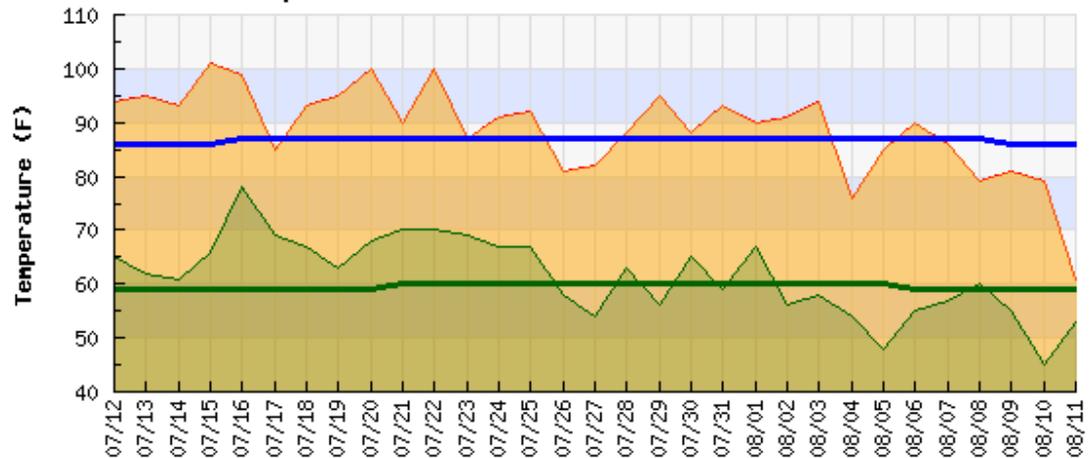


Generated 8/12/2012 at HPRCC using provisional data.

Regional Climate Centers

<http://climate.sdstate.edu/awdn/archive/graphs.php?txtfrom=06/01/2012&txtto=07/28/2012&station=BES&parameterz=temp>

## Temperature for FAULKTON (07/12/2012 - 08/11/2012)



Date

Max Min Normal Max Normal Min

SD State Climate Office  
<http://climate.sdstate.edu>



# U.S. Drought Monitor

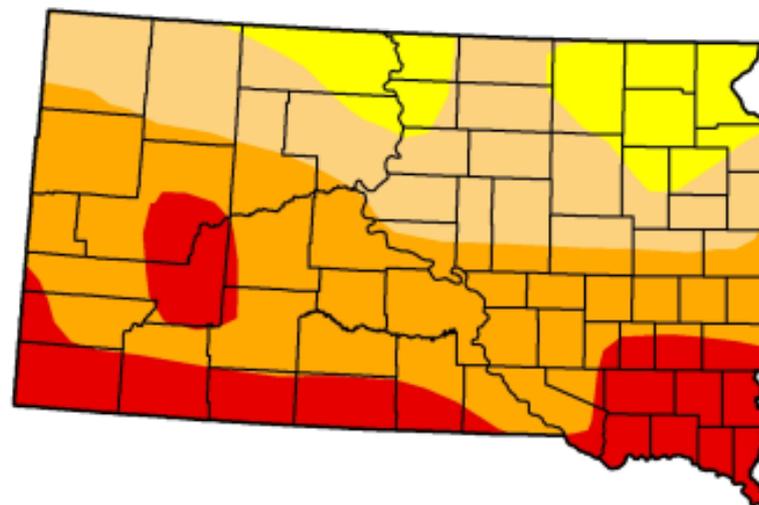
## South Dakota

August 7, 2012

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	87.69	60.73	20.19	0.00
Last Week (07/31/2012 map)	0.00	100.00	87.69	60.91	21.28	0.00
3 Months Ago (05/08/2012 map)	75.13	24.87	2.16	0.00	0.00	0.00
Start of Calendar Year (12/27/2011 map)	48.14	51.86	13.86	2.11	0.00	0.00
Start of Water Year (09/27/2011 map)	71.37	28.63	7.36	0.00	0.00	0.00
One Year Ago (08/02/2011 map)	95.64	4.36	0.00	0.00	0.00	0.00



Intensity:

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

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

<http://droughtmonitor.unl.edu>

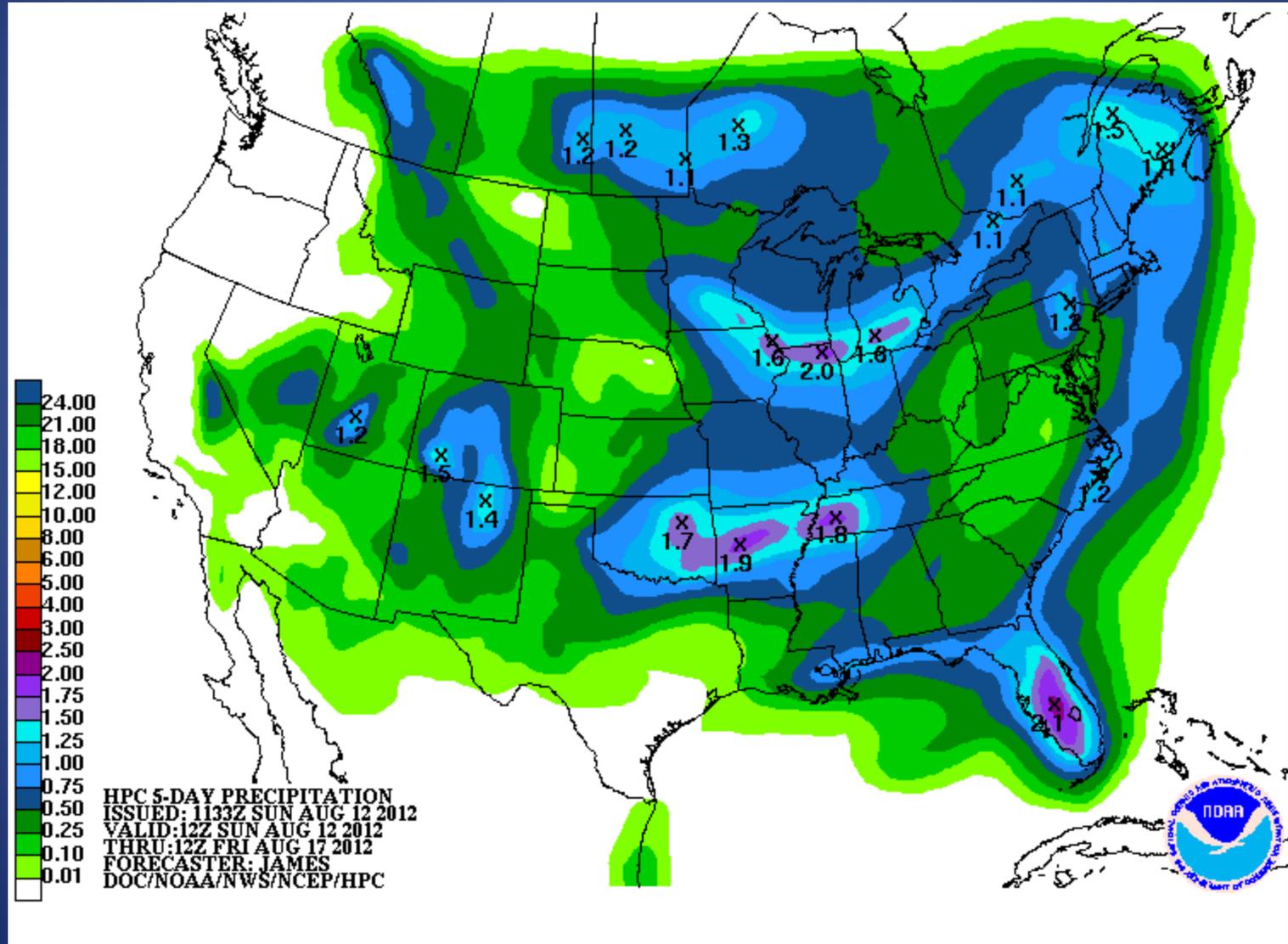


Released Thursday, August 9, 2012

Mark Svoboda, National Drought Mitigation Center



# NOAA HPC 5 Day Precip Forecast



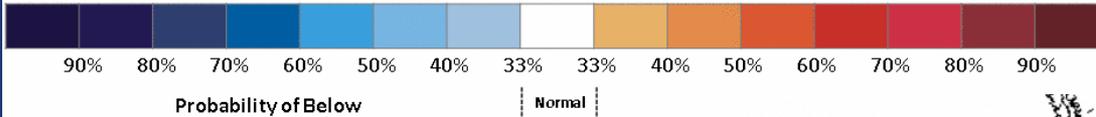
8-14 day

Temperature

Precipitation

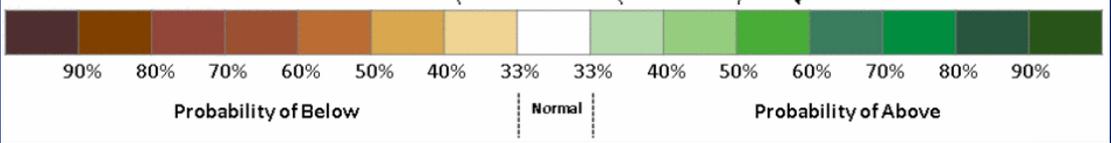
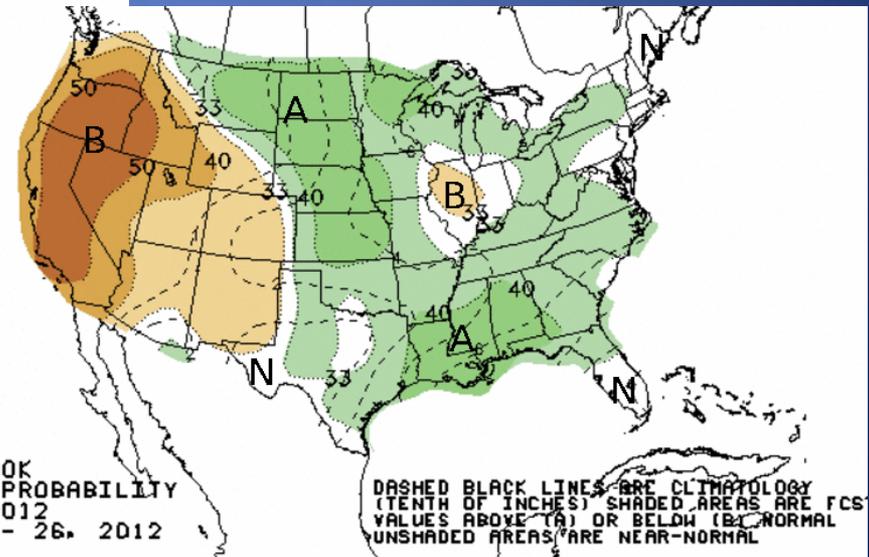
8-14 DAY OUTLOOK  
TEMPERATURE PROBABILITY  
MADE 12 AUG 2012  
VALID AUG 20 - 26, 2012

DASHED BLACK LINES ARE CLIMATOLOGY  
(DEG F) SHADED AREAS ARE FCST  
VALUES ABOVE (A) OR BELOW (B) NORMAL  
UNSHADED AREAS ARE NEAR-NORMAL

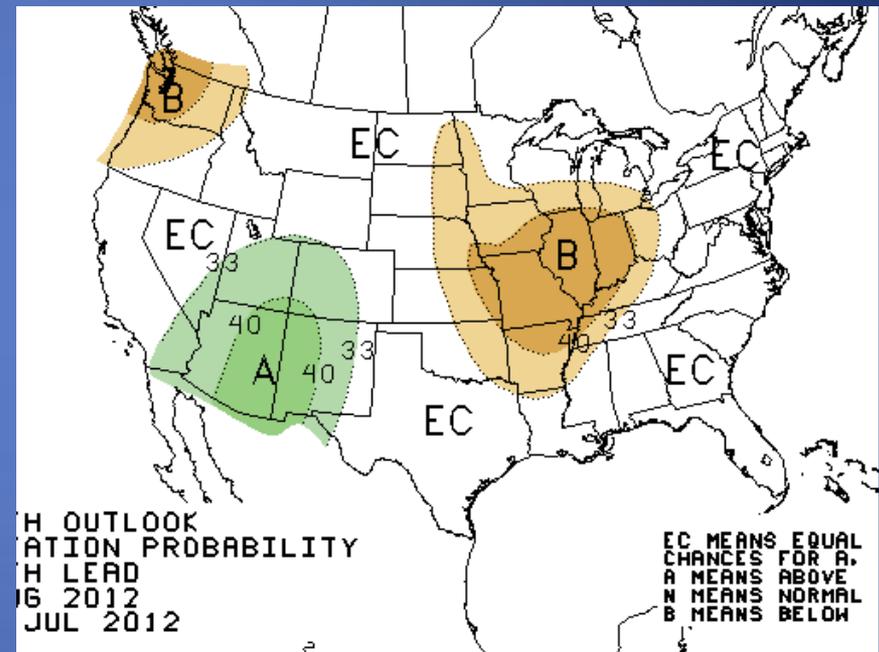
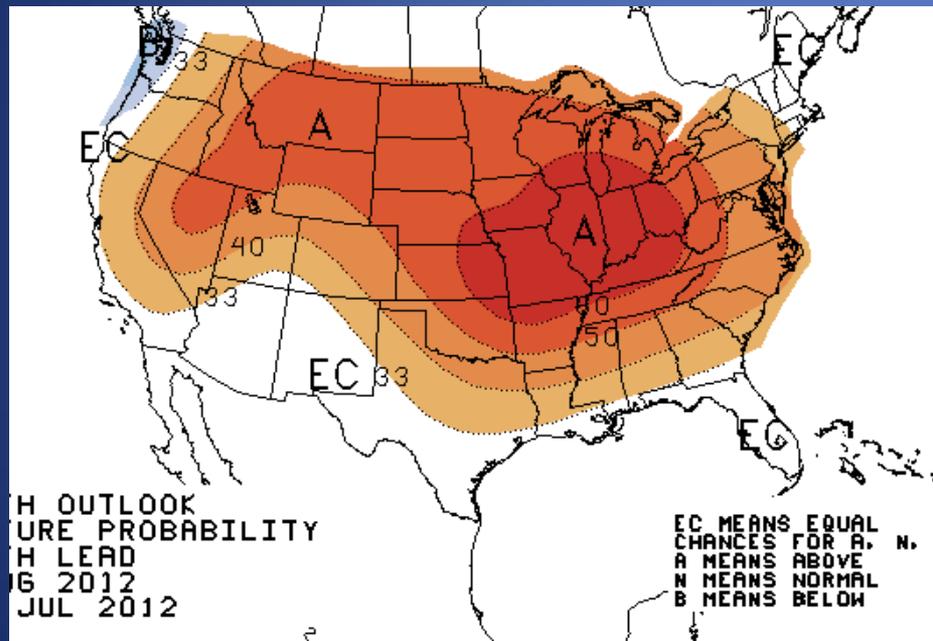


<http://www.cpc.ncep.noaa.gov>

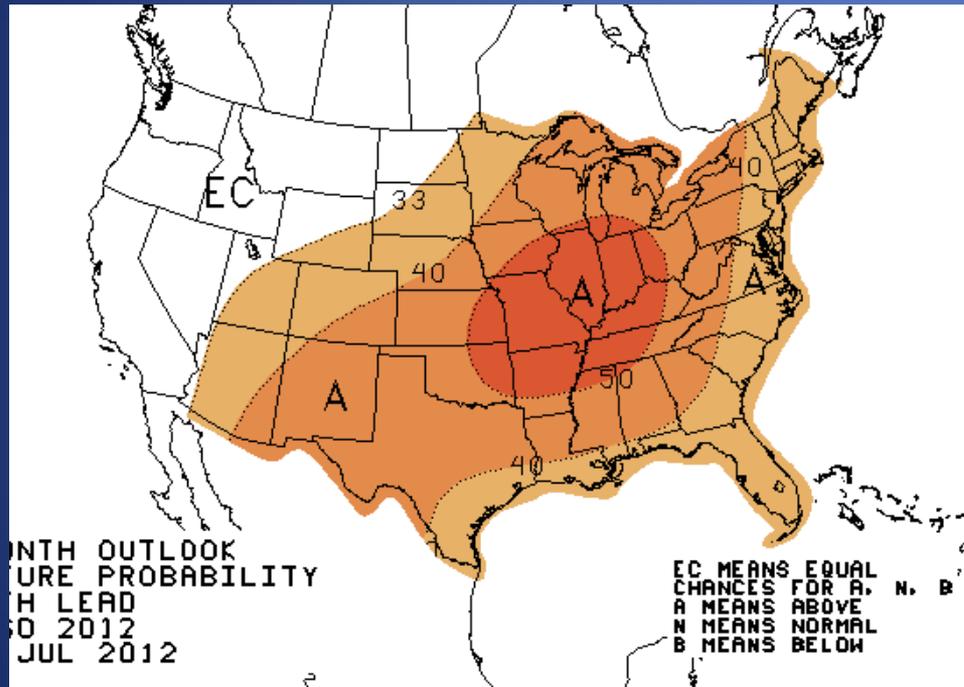
Issued daily



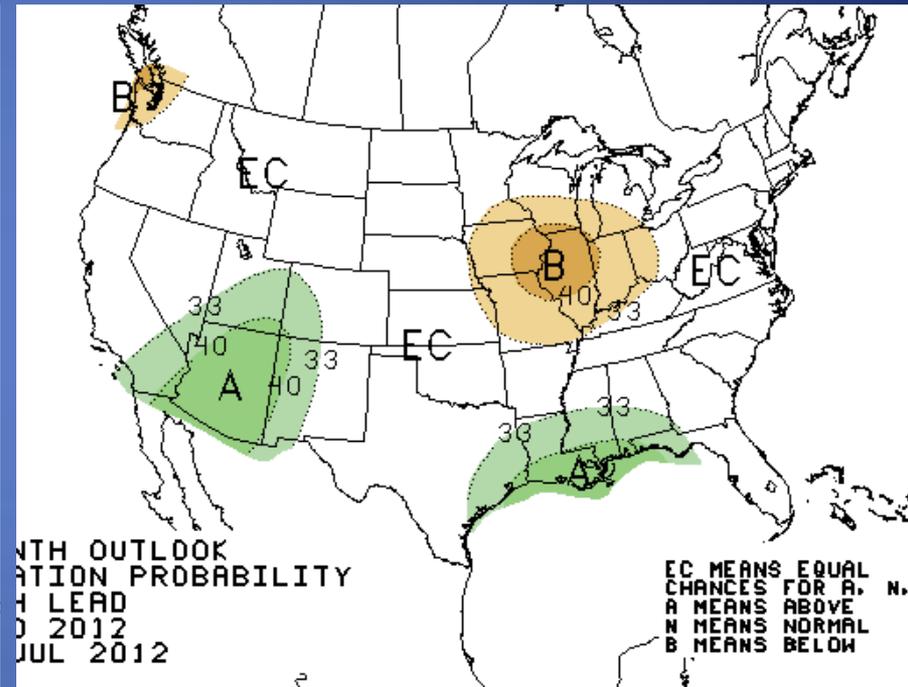
# August Temperature and Precipitation Probabilities



# 3 Month Temperature and Precipitation Probabilities (August – September - October)



Temperature



Precipitation

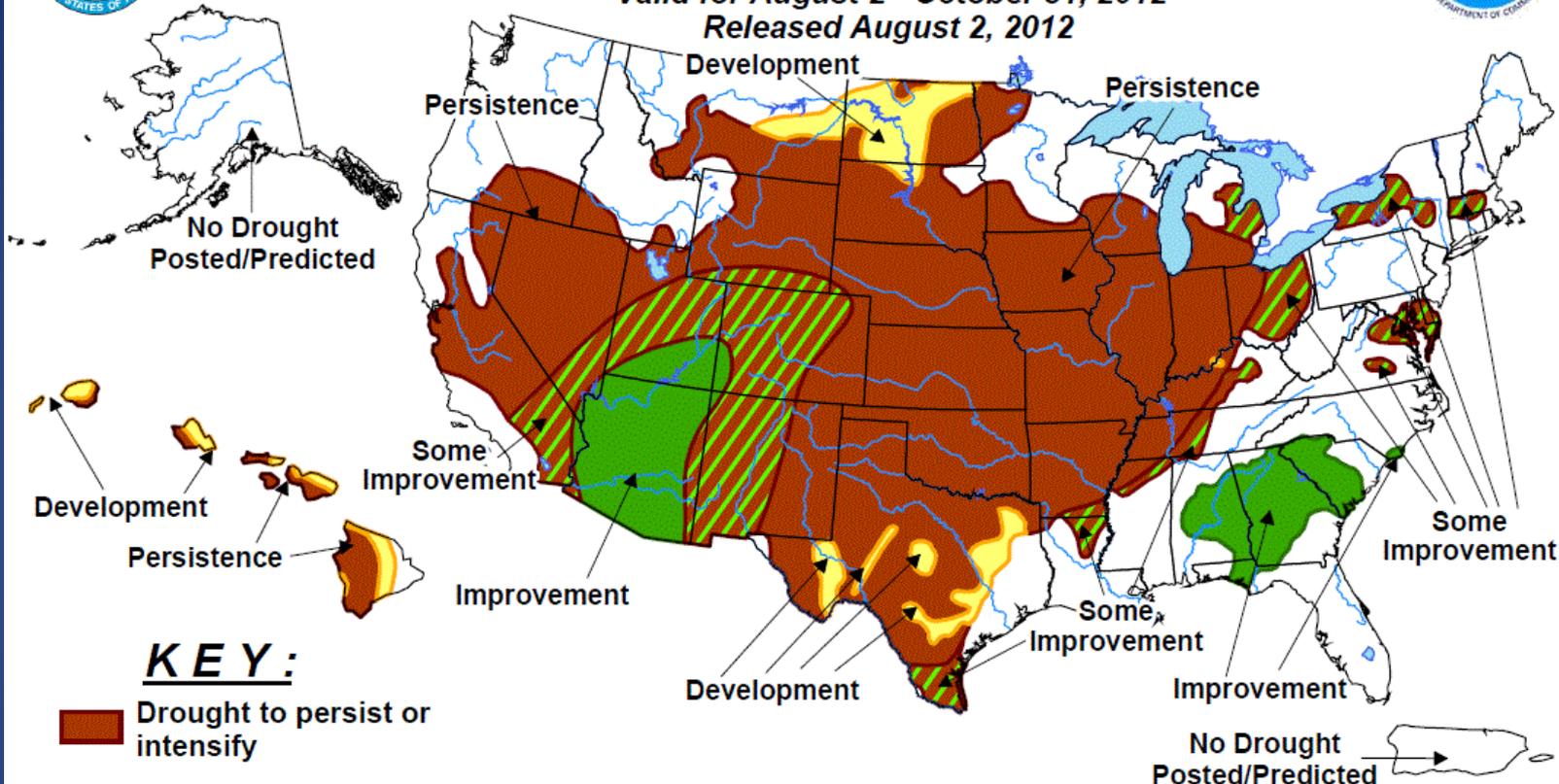


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for August 2 - October 31, 2012

Released August 2, 2012



### KEY:

-  Drought to persist or intensify
-  Drought ongoing, some improvement
-  Drought likely to improve, impacts ease
-  Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

