

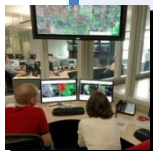
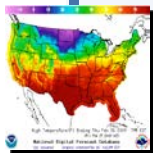
Regional Flood Risk Management Mississippi River Valley 3rd Annual Interagency Regional Flood/Drought Preparedness Workshop

NOAA/NWS Briefing February 14, 2014

Wendy L. Pearson
Hydrologic Services

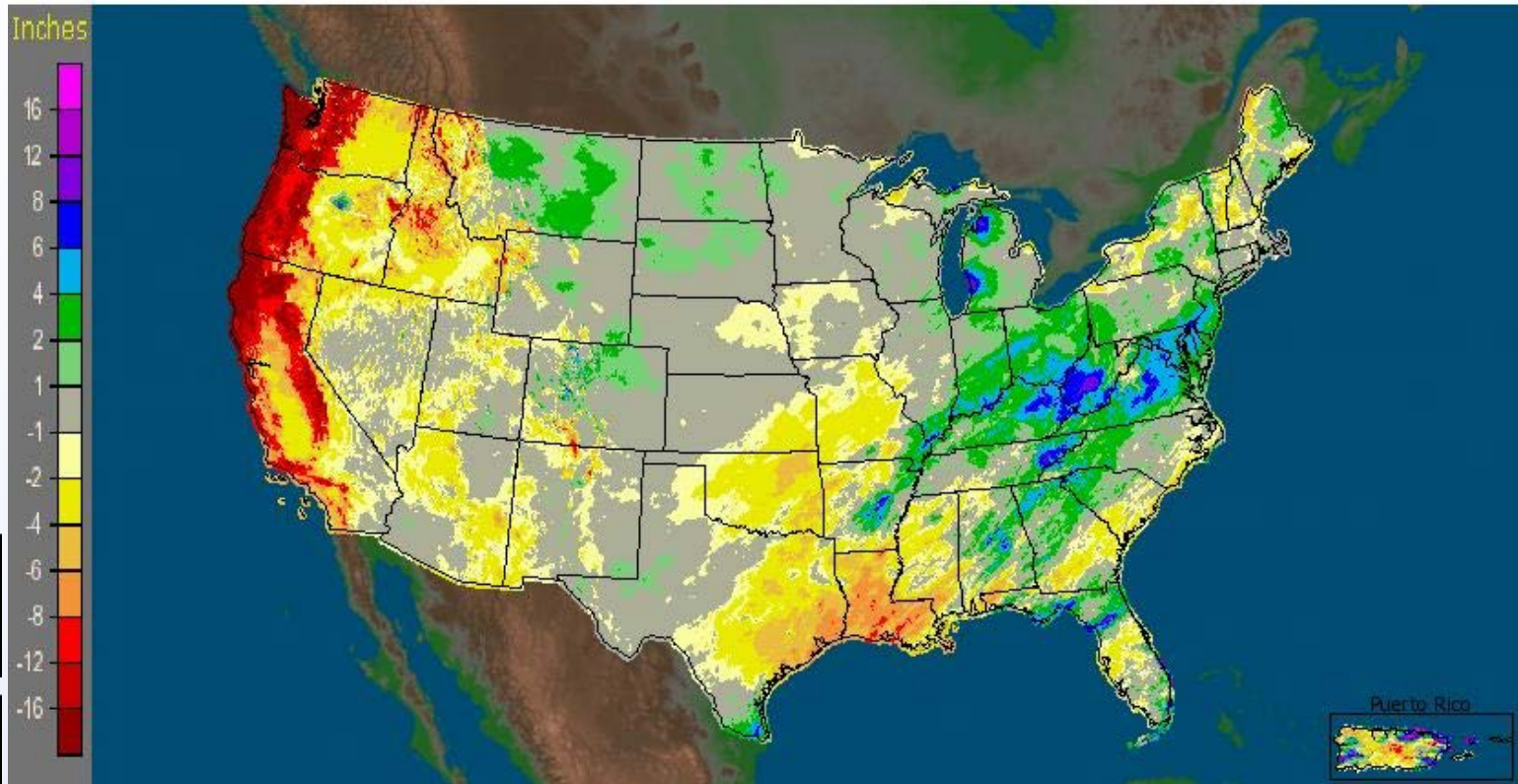
National Weather Service Central Region Headquarters
Kansas City, Missouri

wendy.pearson@noaa.gov

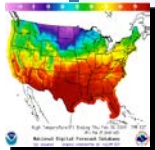


Last 90 Days Precipitation Departure from Normal

CONUS + Puerto Rico: Current 90-Day Departure from Normal Precipitation
Valid at 2/10/2014 1200 UTC- Created 2/10/14 17:39 UTC



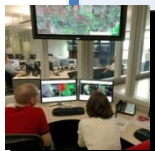
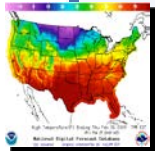
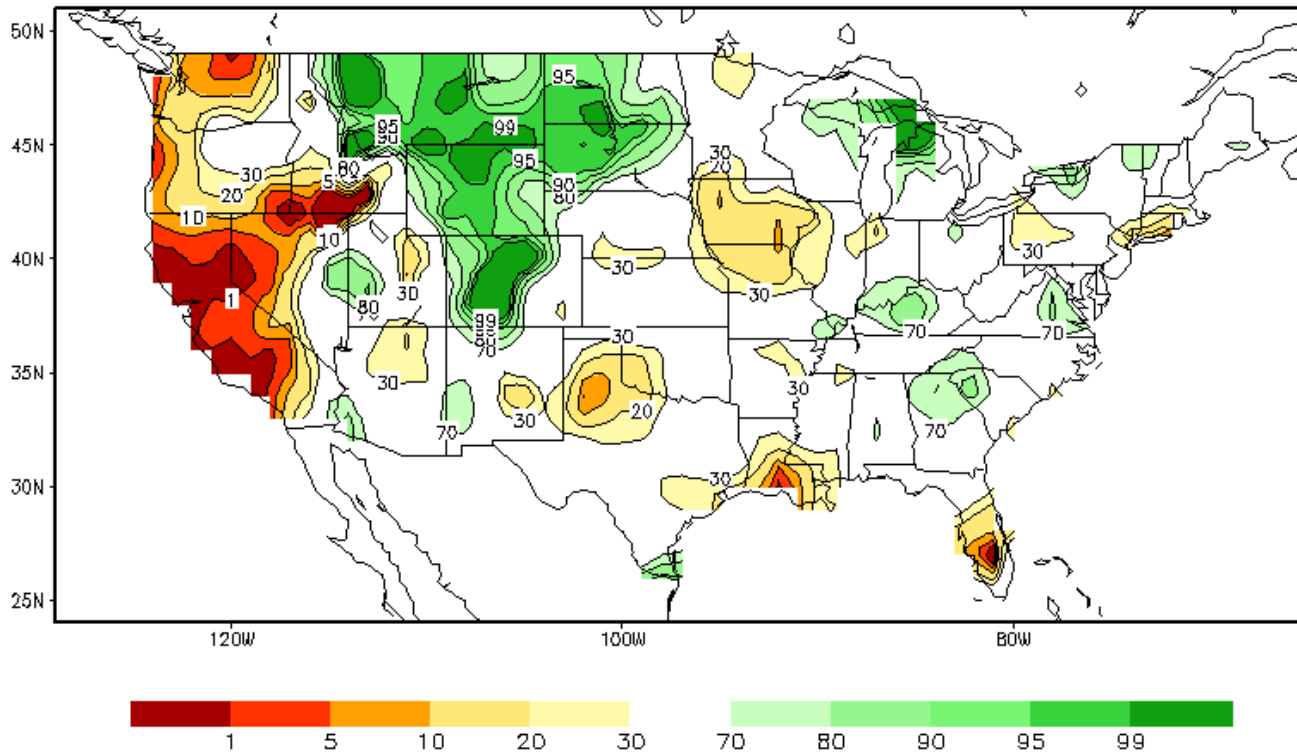
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Soil Moisture Conditions

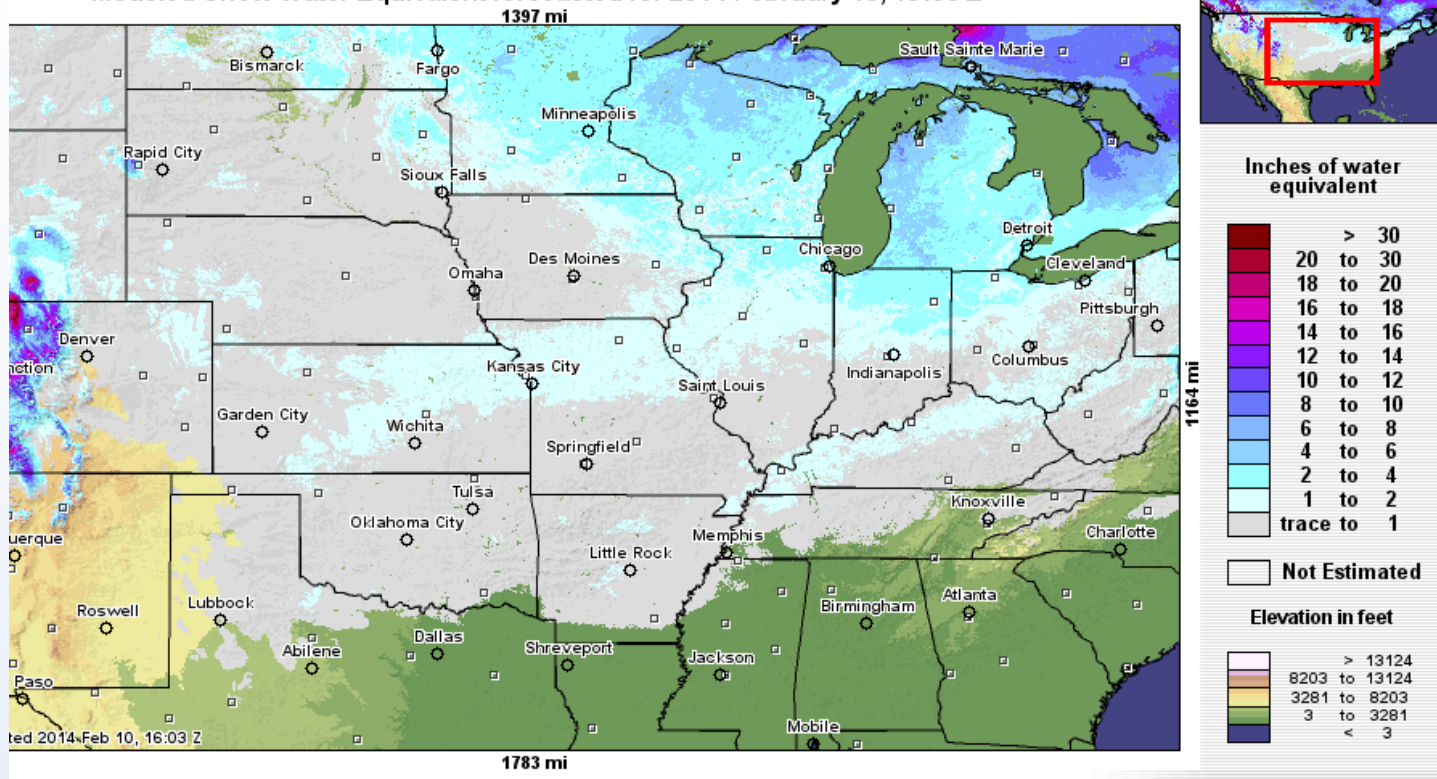
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Calculated Soil Moisture Ranking Percentile
JAN, 2014

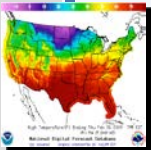


Mississippi River Valley Existing Snowpack

Modeled Snow Water Equivalent forecasted for 2014 February 10, 19:00 Z

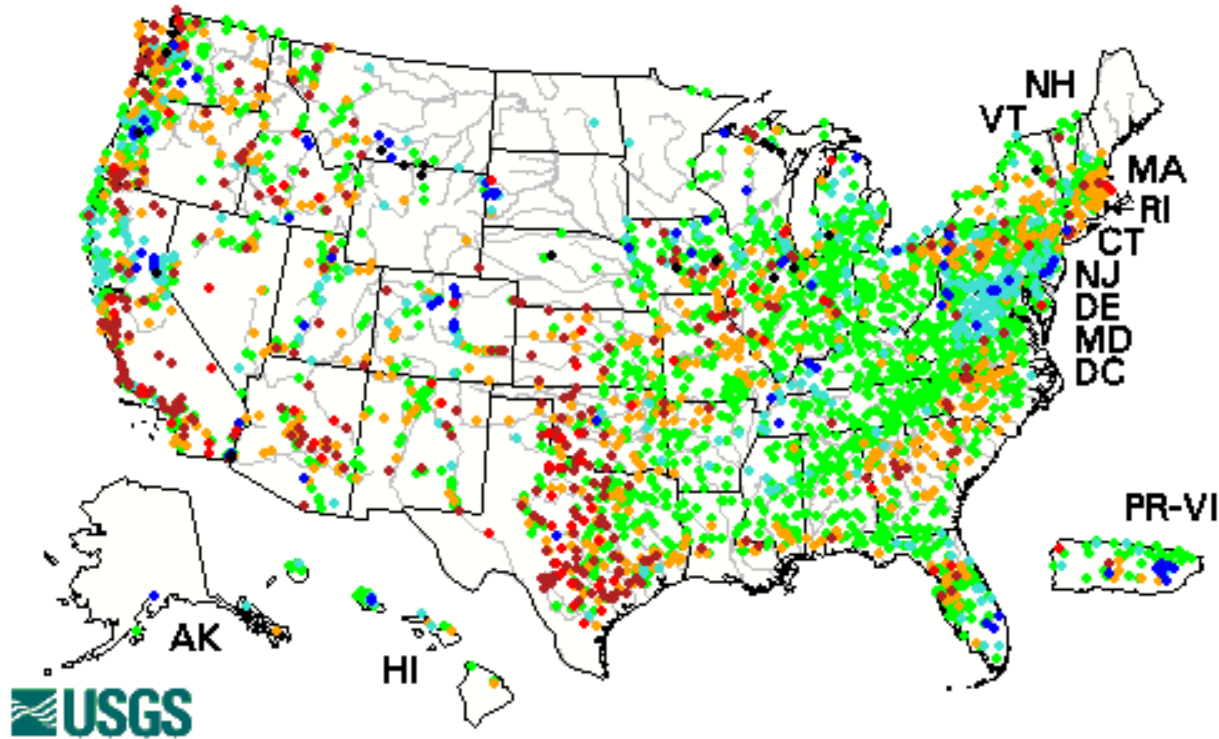


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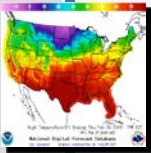


River Conditions

Monday, February 10, 2014 14:30ET



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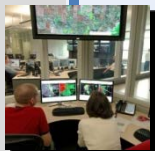
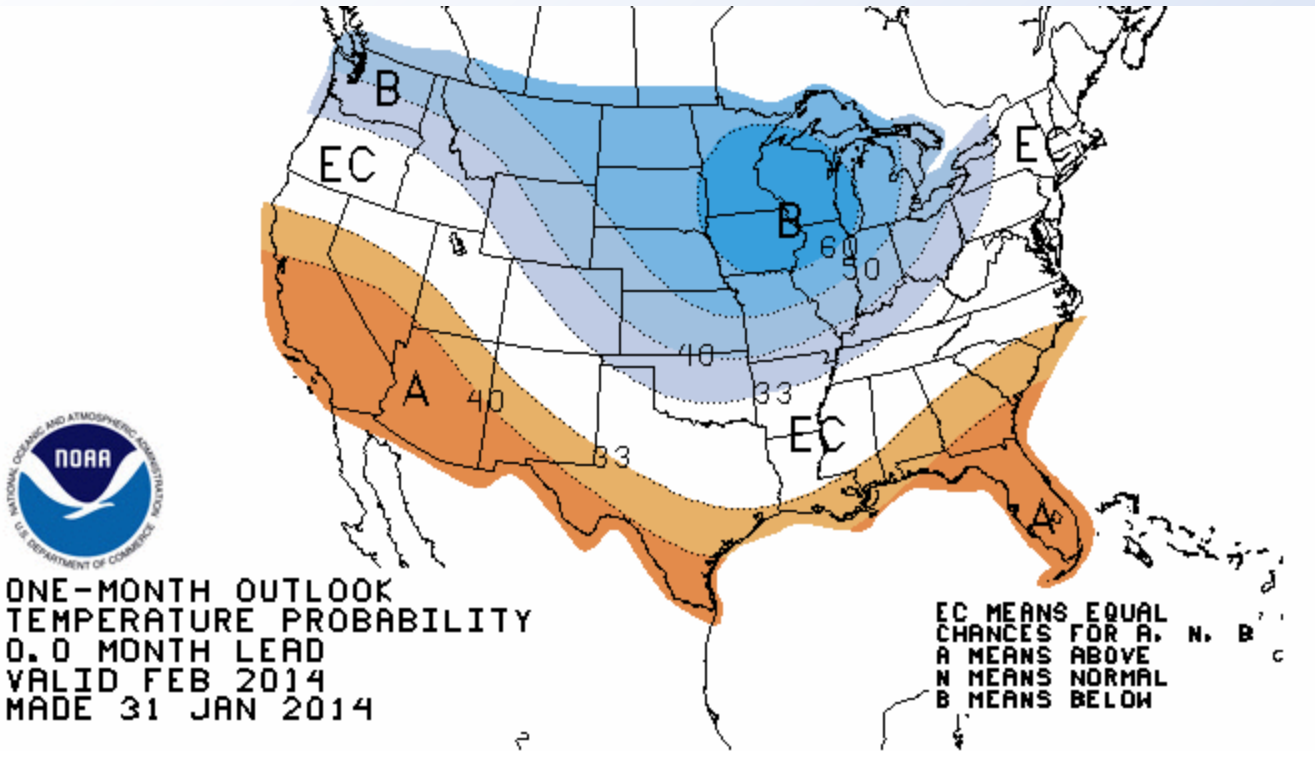


Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	



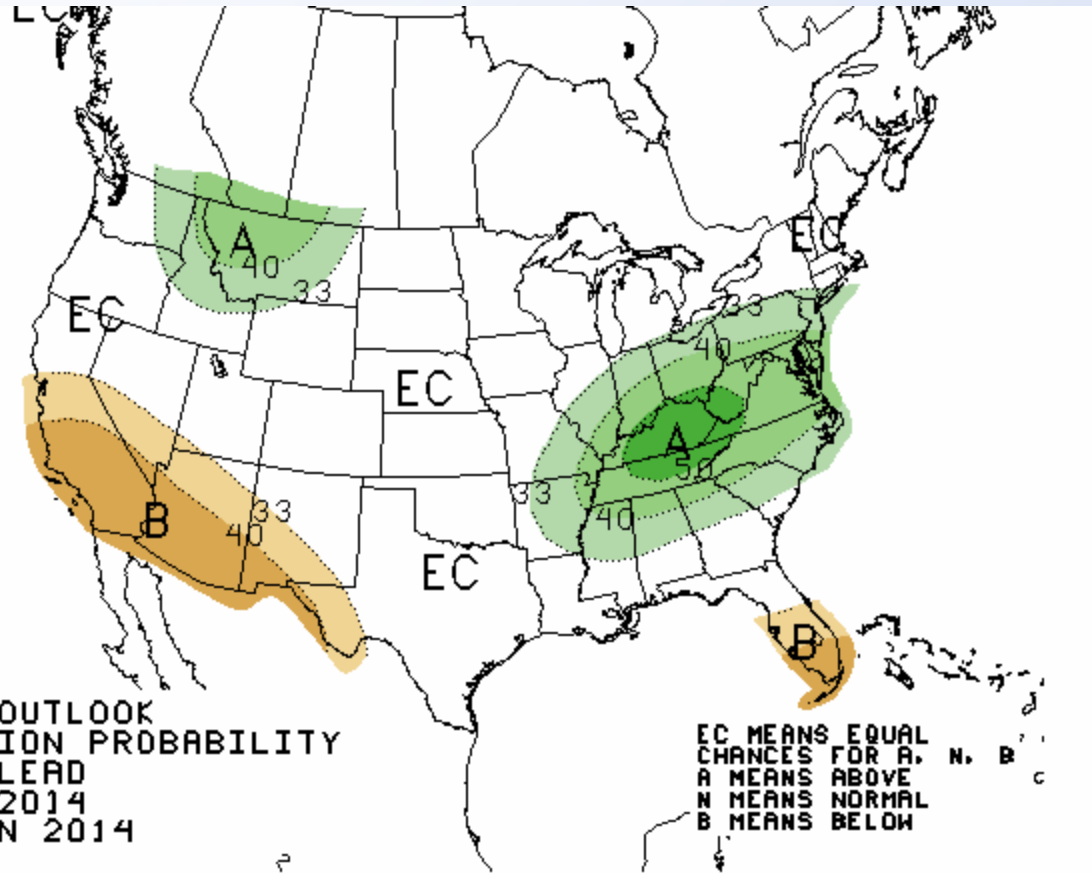
February Temperature Outlook

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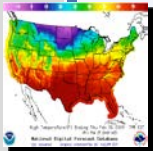
February Precipitation Outlook

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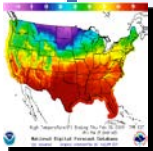
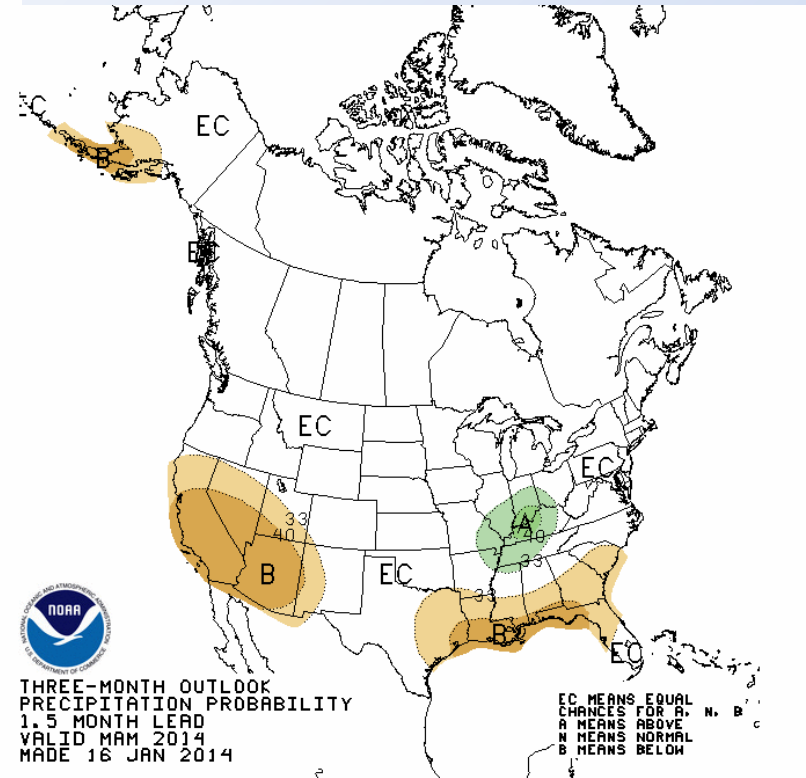
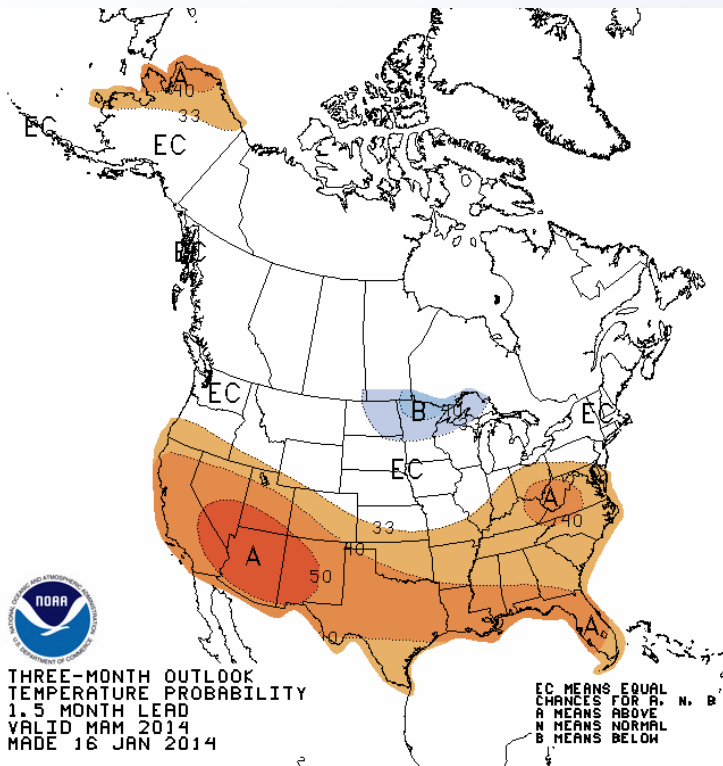
ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.0 MONTH LEAD
VALID FEB 2014
MADE 31 JAN 2014

EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



Three-Month Outlook March-April-May

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Drought Outlook

Jan 16 – Apr 30

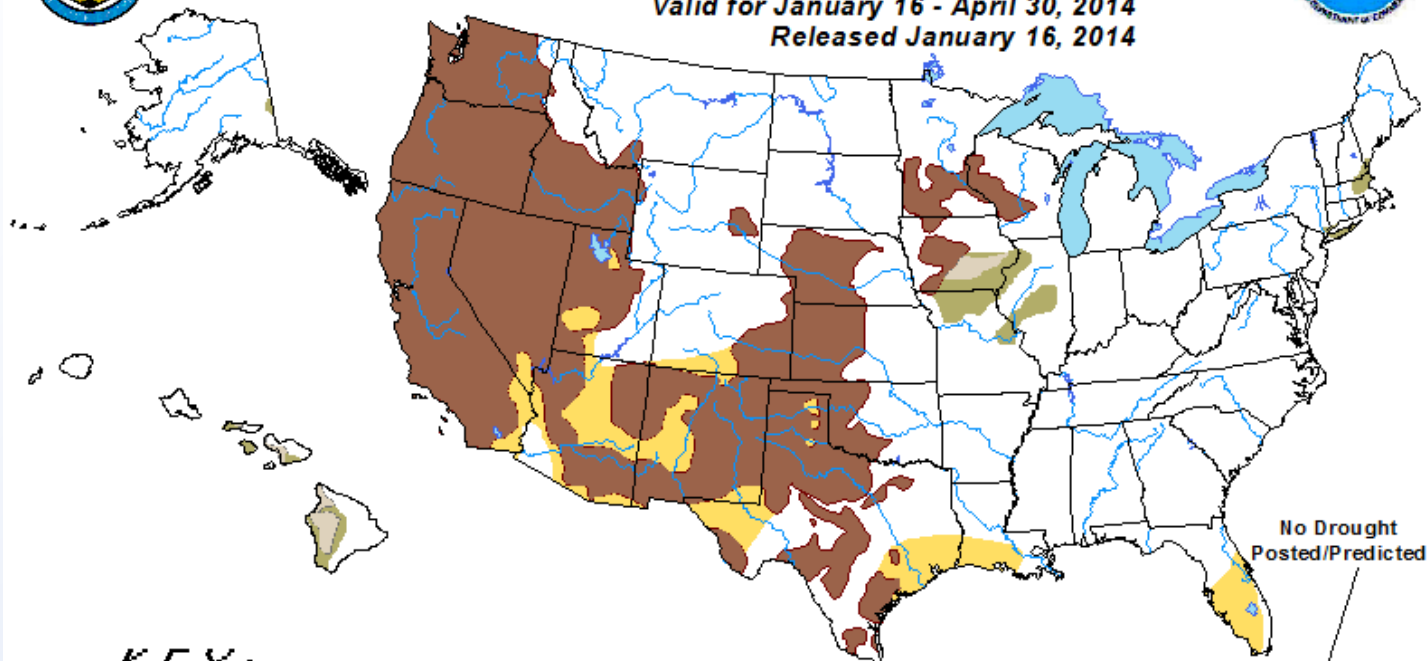


U.S. Seasonal Drought Outlook





Drought Tendency During the Valid Period

Valid for January 16 - April 30, 2014

Released January 16, 2014



KEY:

-  Drought persists or intensifies
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

Author: Brad Pugh, Climate Prediction Center, NOAA

http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.html

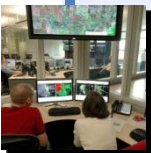
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events – such as individual storms – cannot be accurately forecast more than a few days in advance. Use caution for applications – such as crops – that 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 tan area areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain.

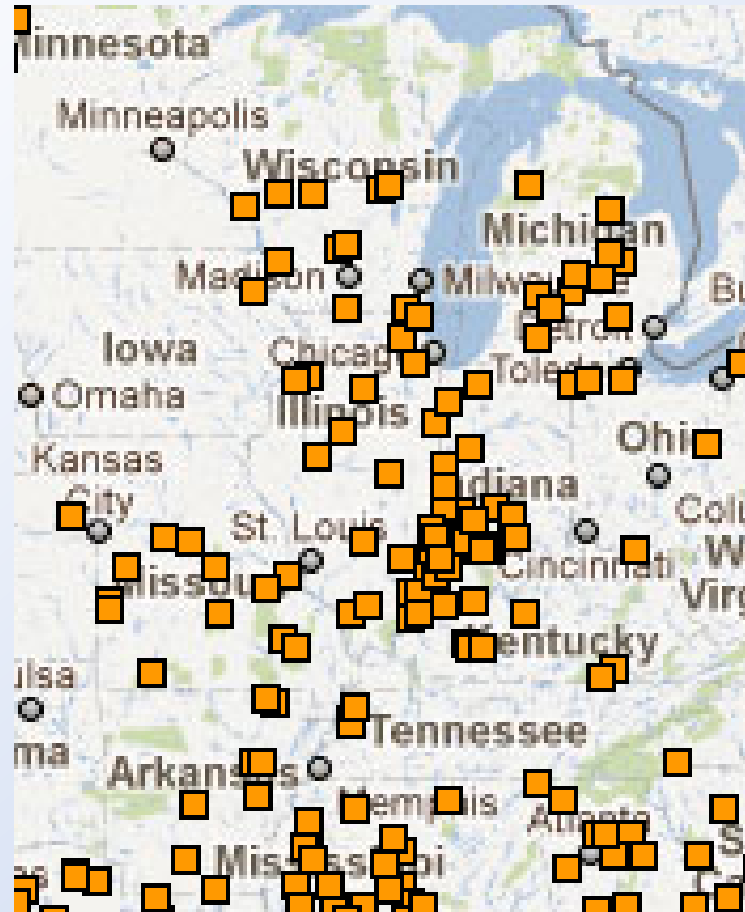
The Green areas imply drought removal by the end of the period (D0 or none)

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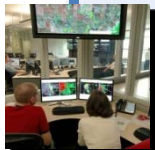
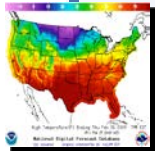
Spring River Outlooks

New nationally consistent product



>50% Percent Chance
of Minor Flooding
Feb-March-April 2014

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http://water.weather.gov/ahps/long_range.php