



Winter and Fire Season Climate Outlook for the Texas and Oklahoma Panhandles

John J. Brost
Ken Schneider

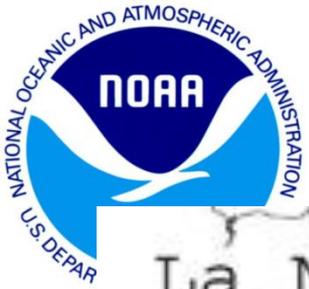
NWS Amarillo
09/16/2010



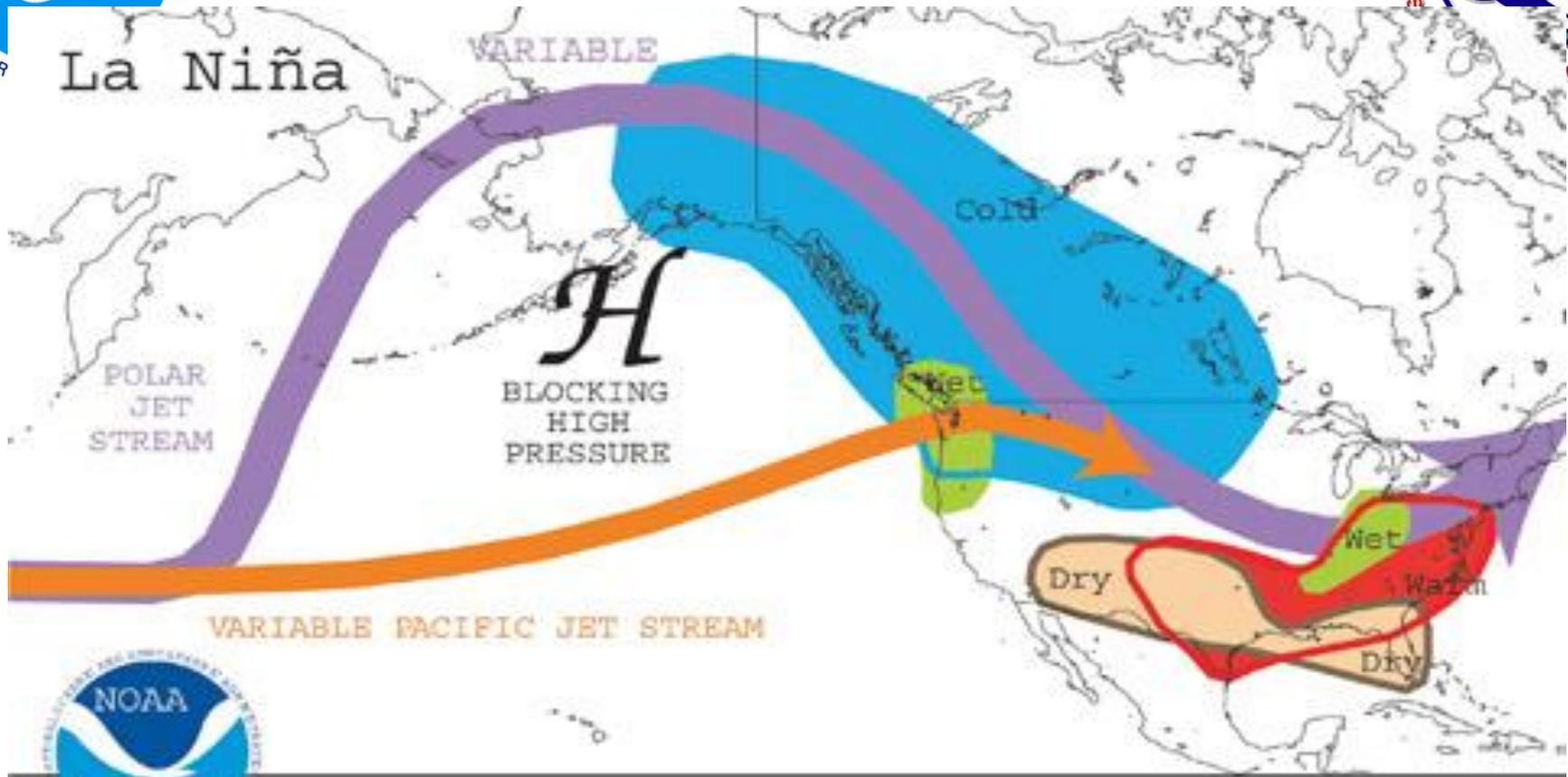
Current and Forecast Status of La Nina



- **La Nina Strengthened in August**
- **All models predict La Nina to continue to strengthen through early 2011**
 - **Models do disagree with the eventual strength of La Nina**
- **Best forecast is for a “Moderate” to “Strong” La Nina**



La Nina



- Normal La Nina pattern translates to Dry and Warm winter for Panhandles



La Nina Winter Weather Impacts



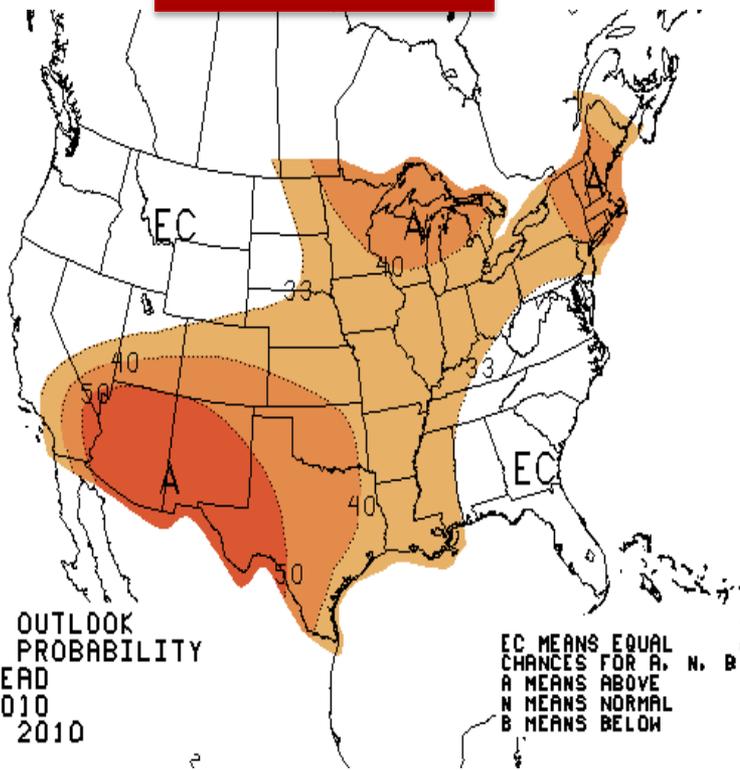
- **Current Climate Prediction Center forecast calls for a drier and warmer winter (than normal) for the Southwest US.**



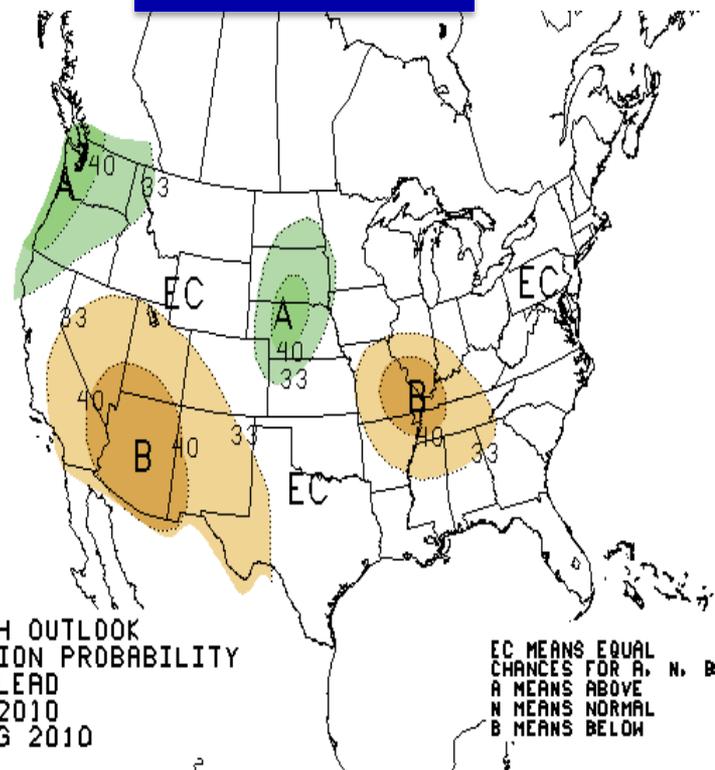
In Graphic Form Sept/Oct/Nov



Temperatures



Precipitation

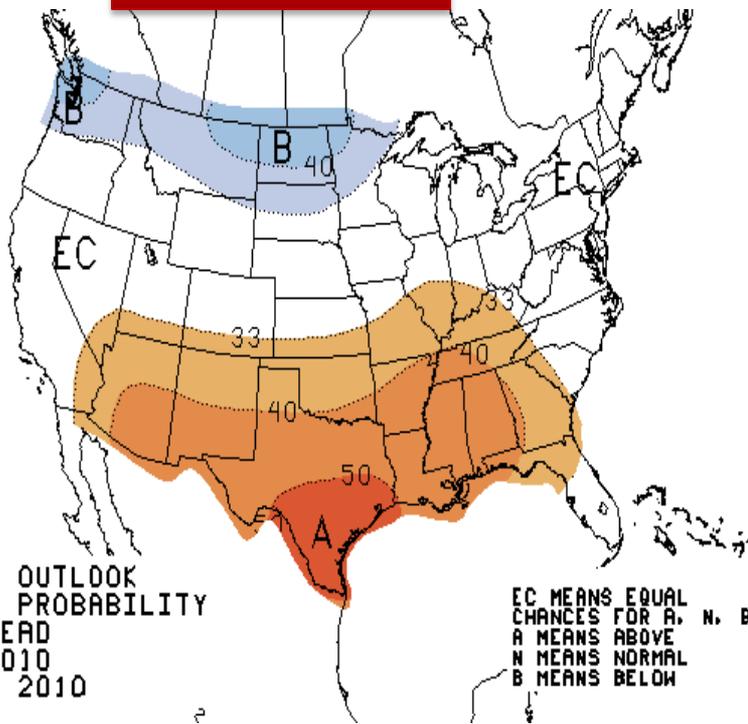




In Graphic Form Dec/Jan/Feb



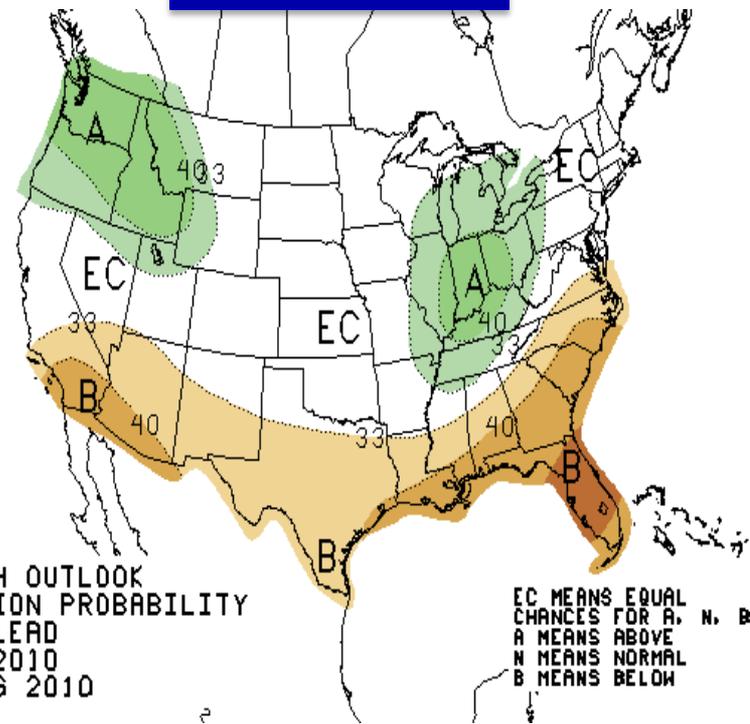
Temperatures



THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
3.5 MONTH LEAD
VALID DJF 2010
MADE 19 AUG 2010

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

Precipitation

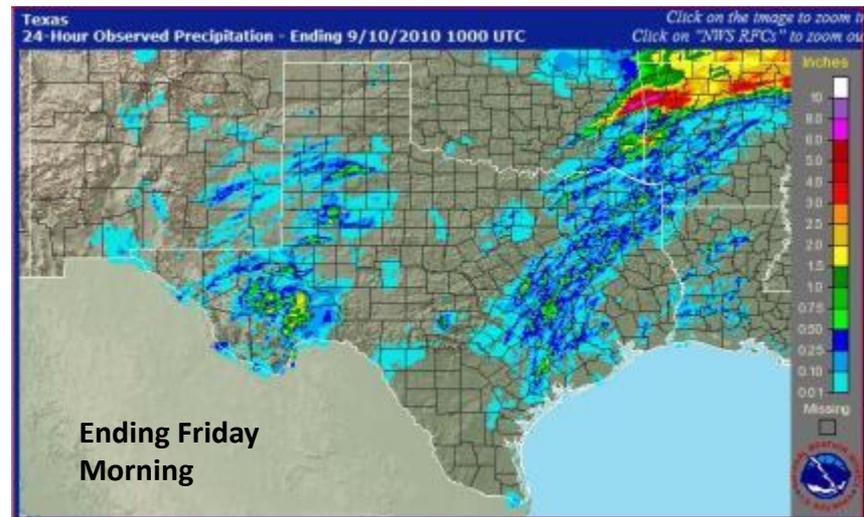
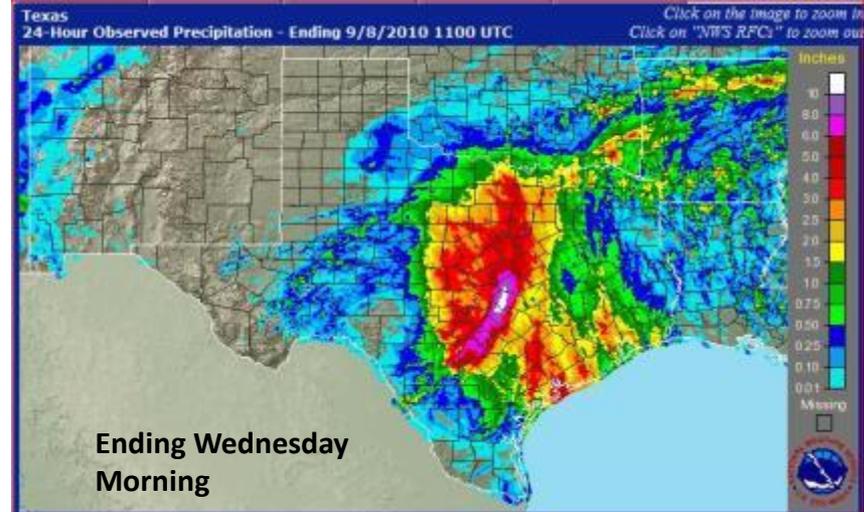


THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
3.5 MONTH LEAD
VALID DJF 2010
MADE 19 AUG 2010

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

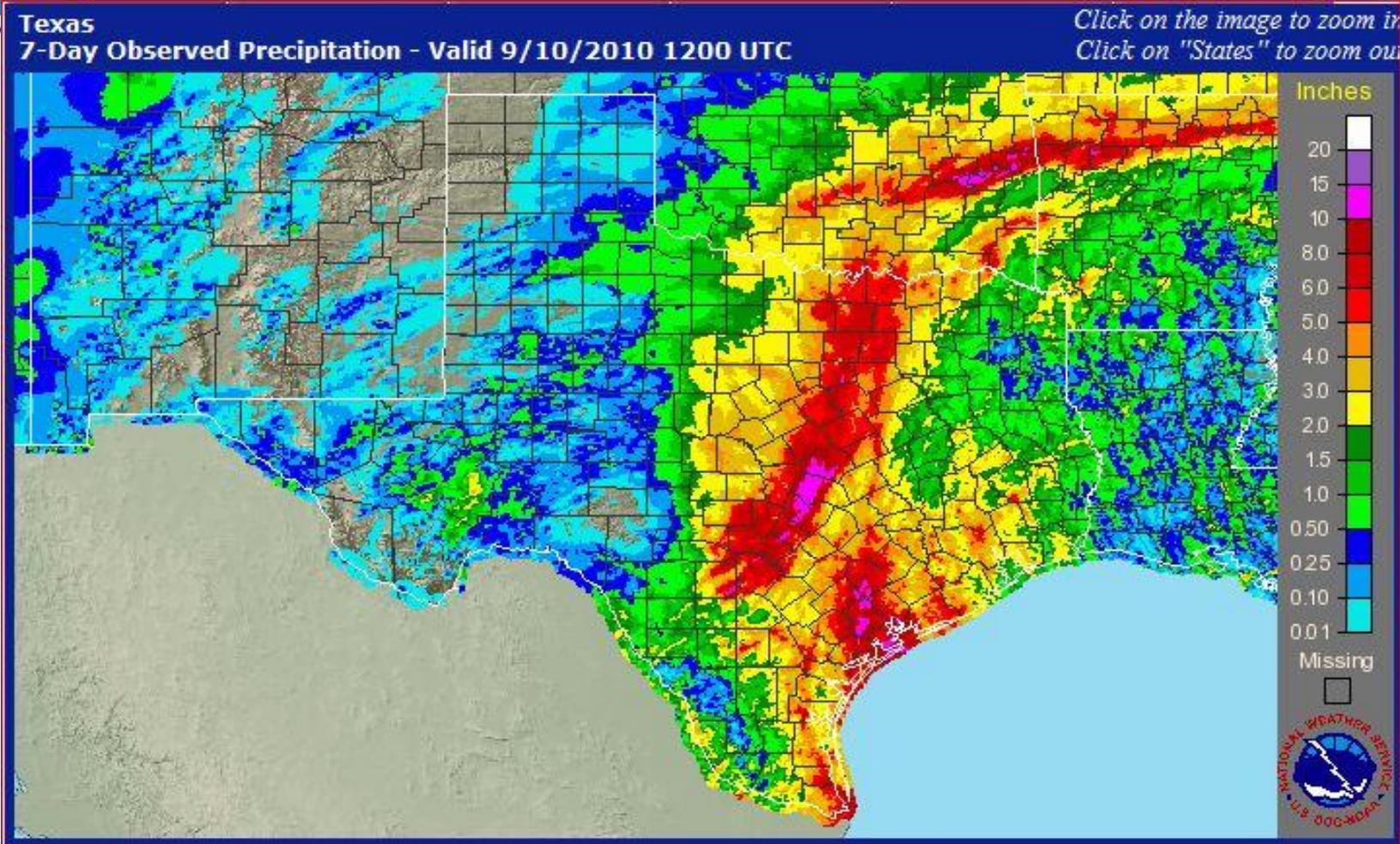


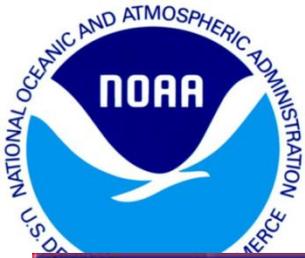
24-Hour Rainfall Totals from T.S. Hermine



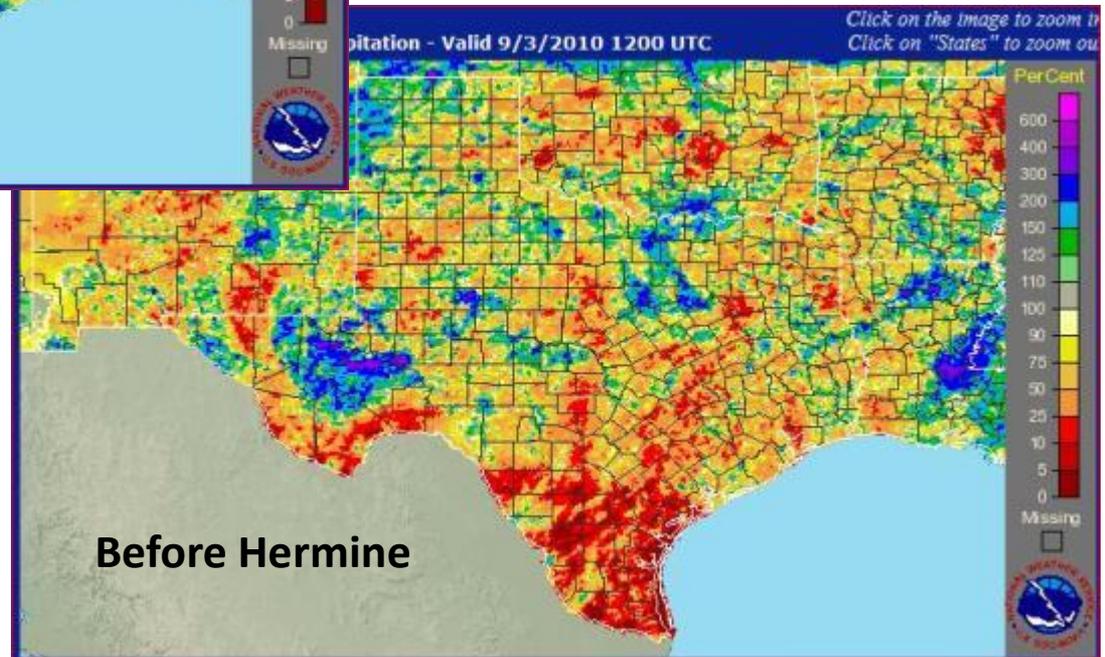
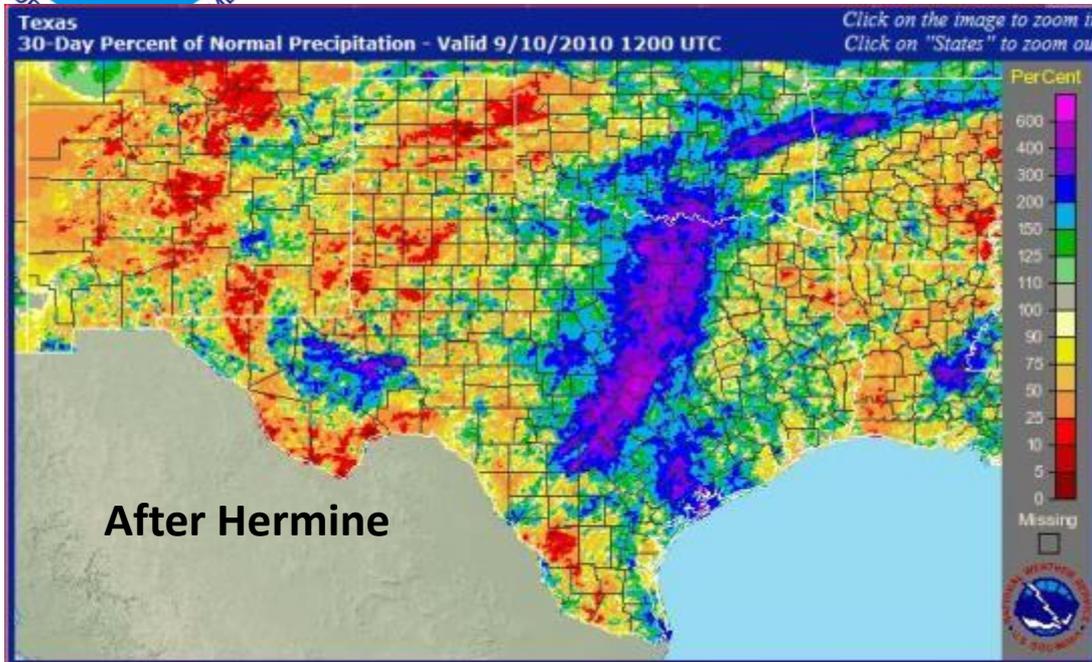


7-Day Total Rainfall





Comparison of 30 Day Percent of Normal Rainfall Before and After Hermine



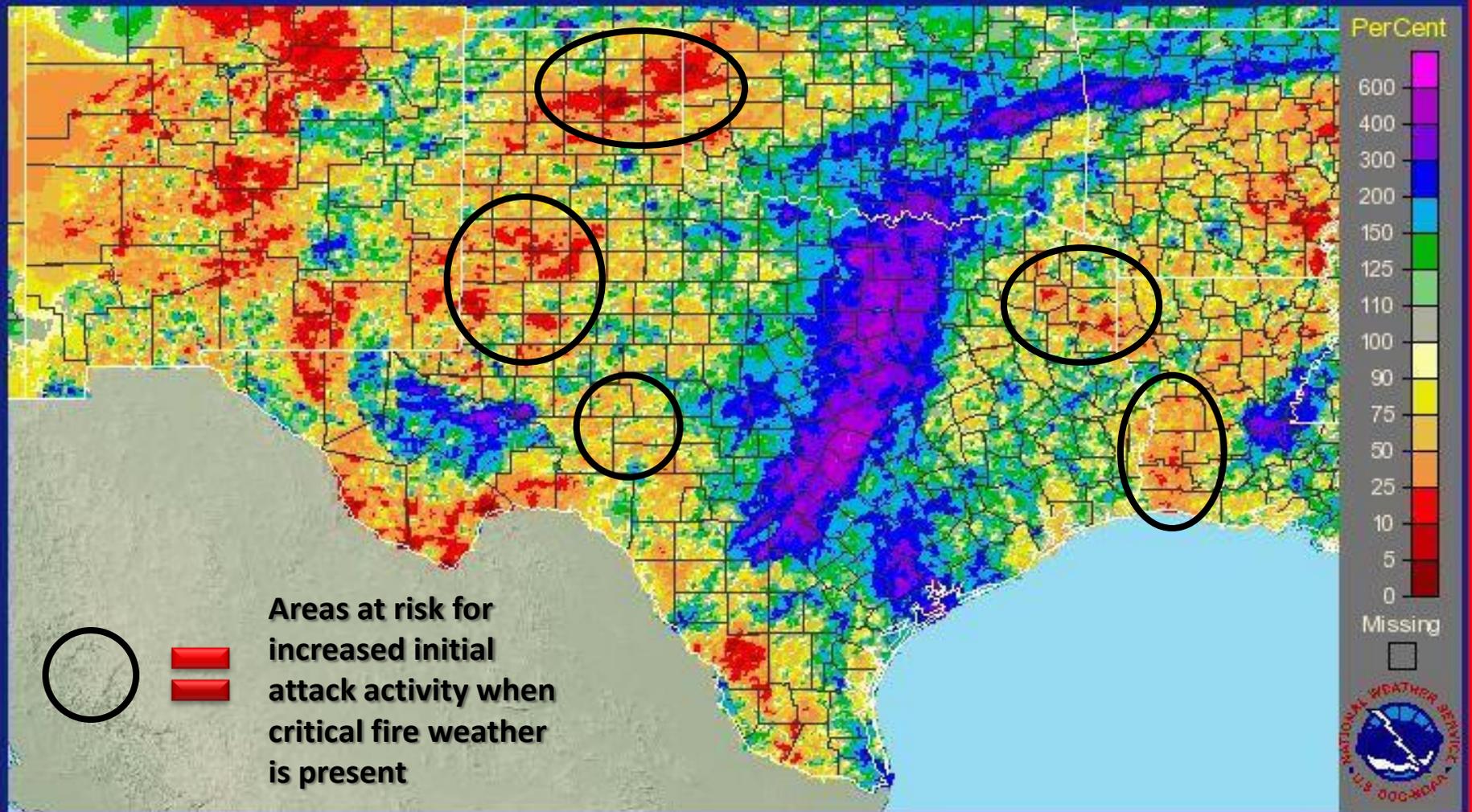


How Hermine Impacted The Percent Of Normal Dryness – Image is Valid for August 10th through September 10th



Texas
30-Day Percent of Normal Precipitation - Valid 9/10/2010 1200 UTC

Click on the image to zoom in
Click on "States" to zoom out



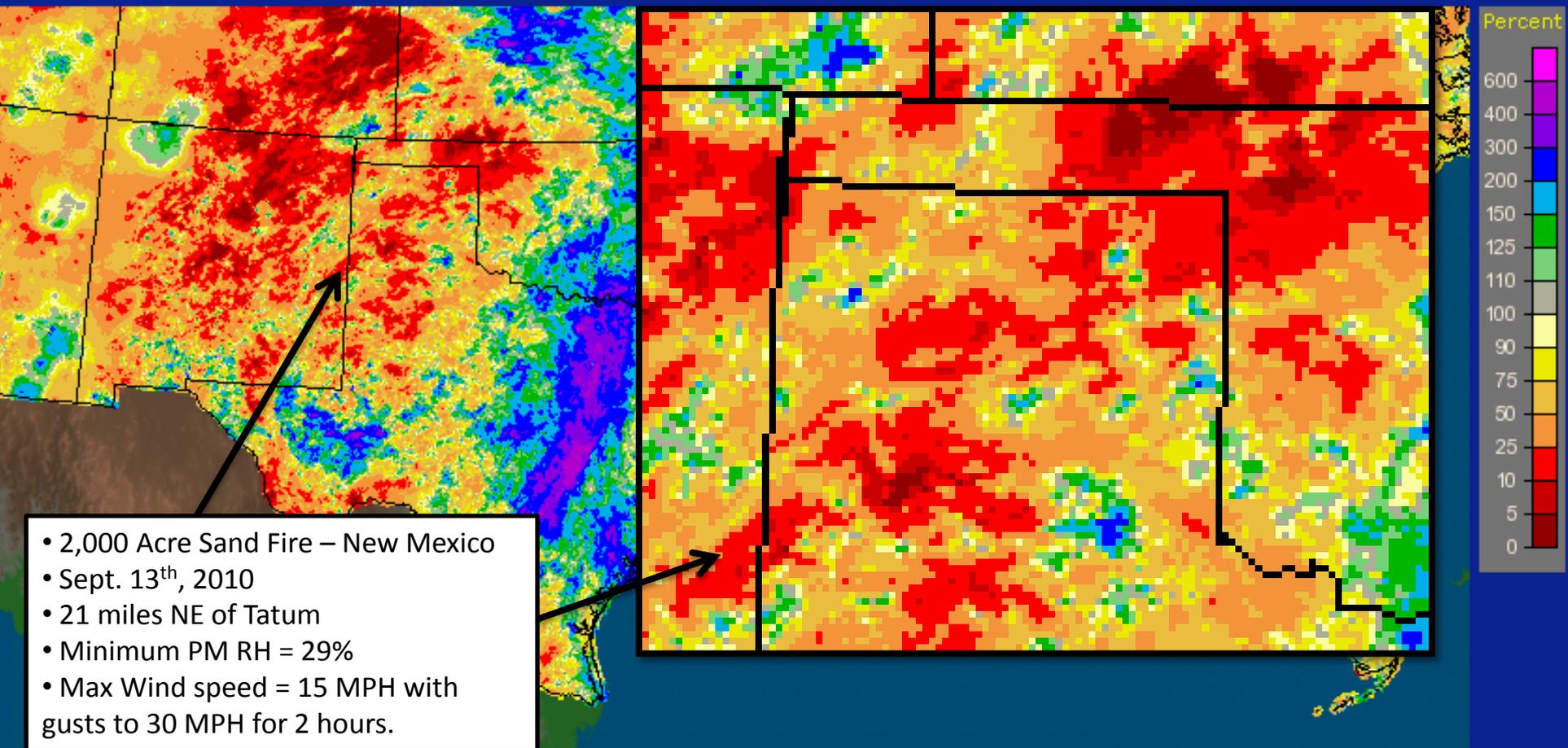


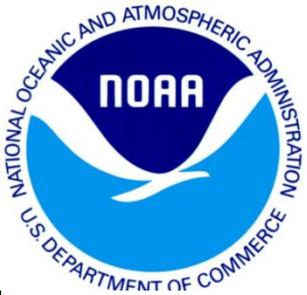
We Have Had Recent Large Fires



Images below are 30-Day Percent of Normal Precipitation –
Valid August 16th through September 16th.

NWS Southern Region: Current 30-Day Percent of Normal Precipitation
Valid at 9/16/2010 1200 UTC - Created 9/16/10 16:20 UTC



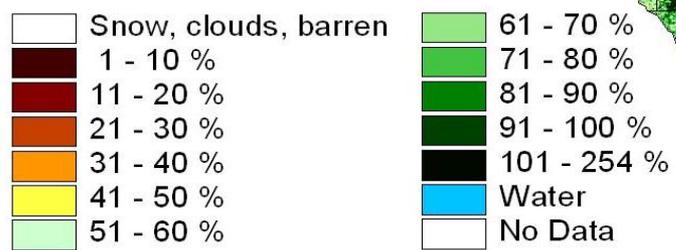
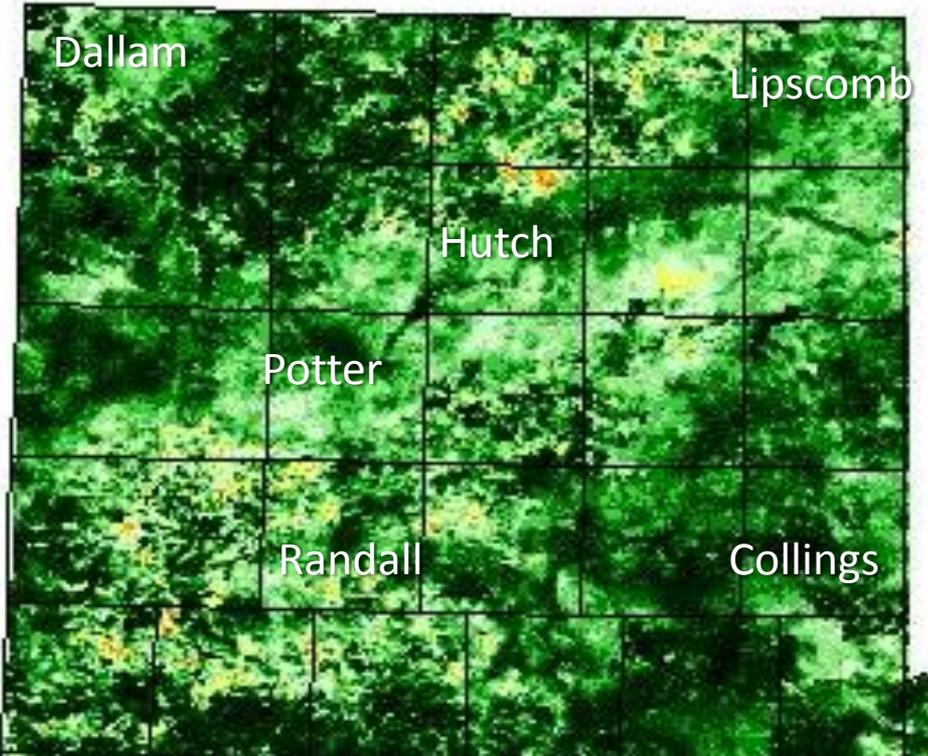
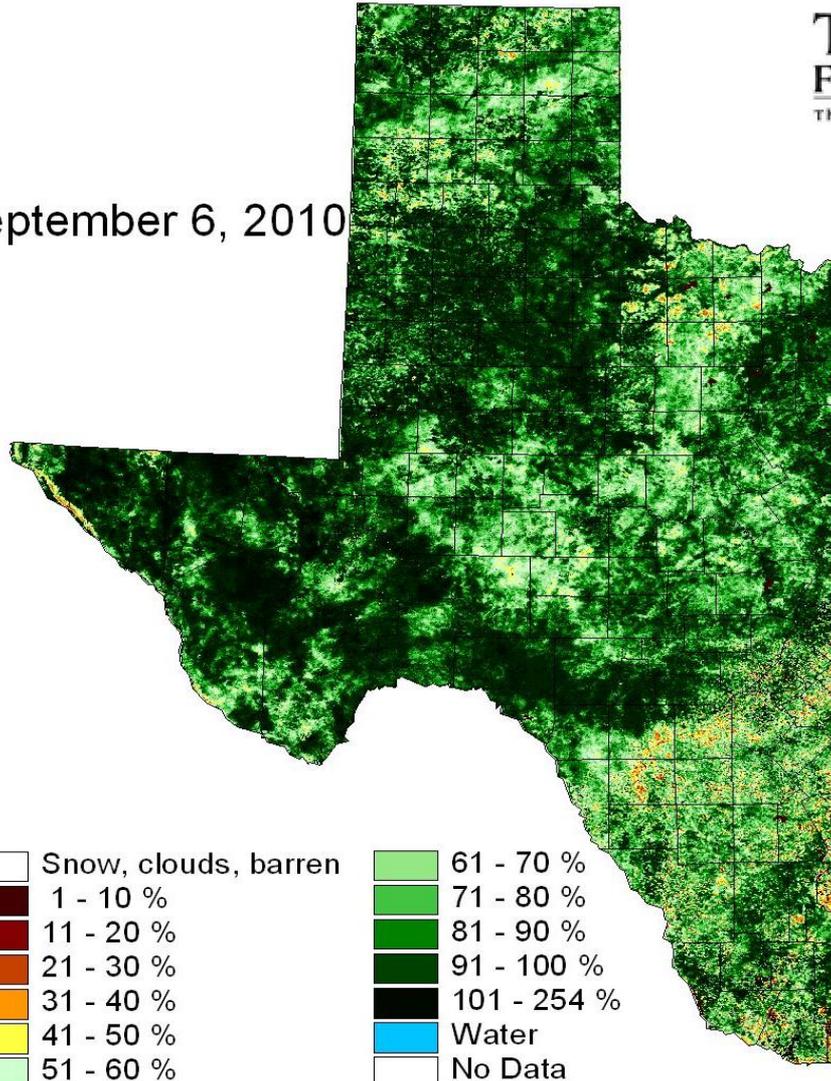


Relative Greenness (Compared to "Normal" values from 1989-2010)



T E X A S
F O R E S T S E R V I C E
The Texas A&M University System

September 6, 2010



Developed by:
David Shoemate
Spatial Sciences Laboratory
Texas A&M University System
College Station, TX
September 8, 2010

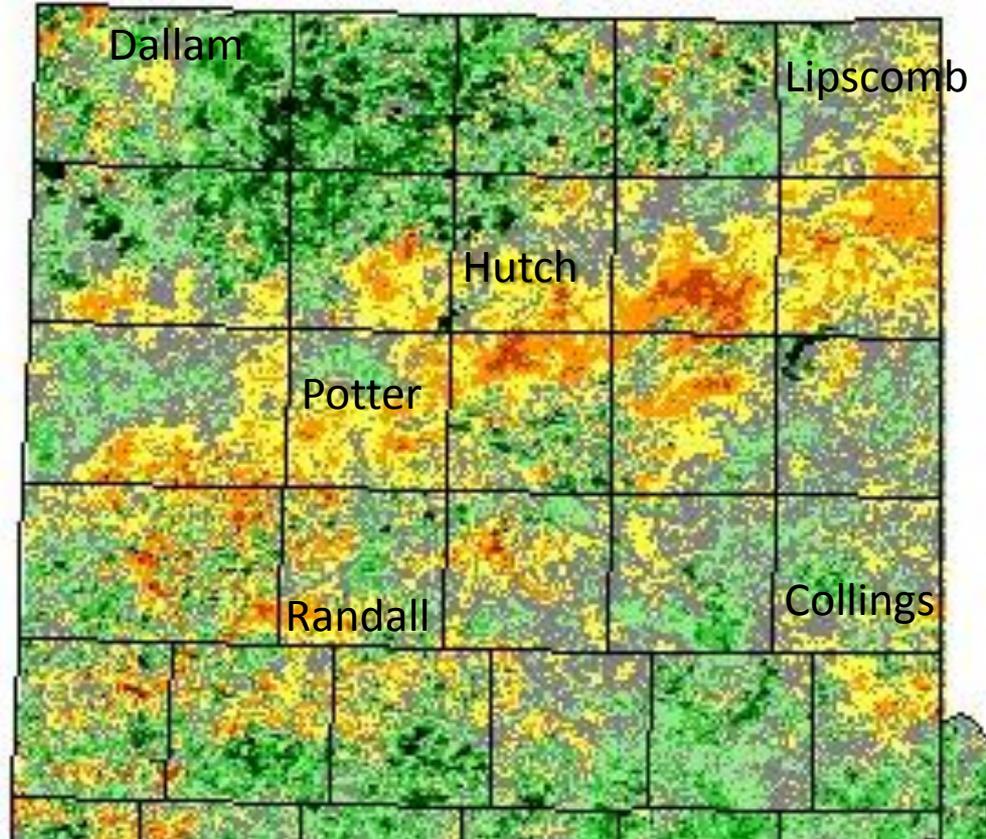
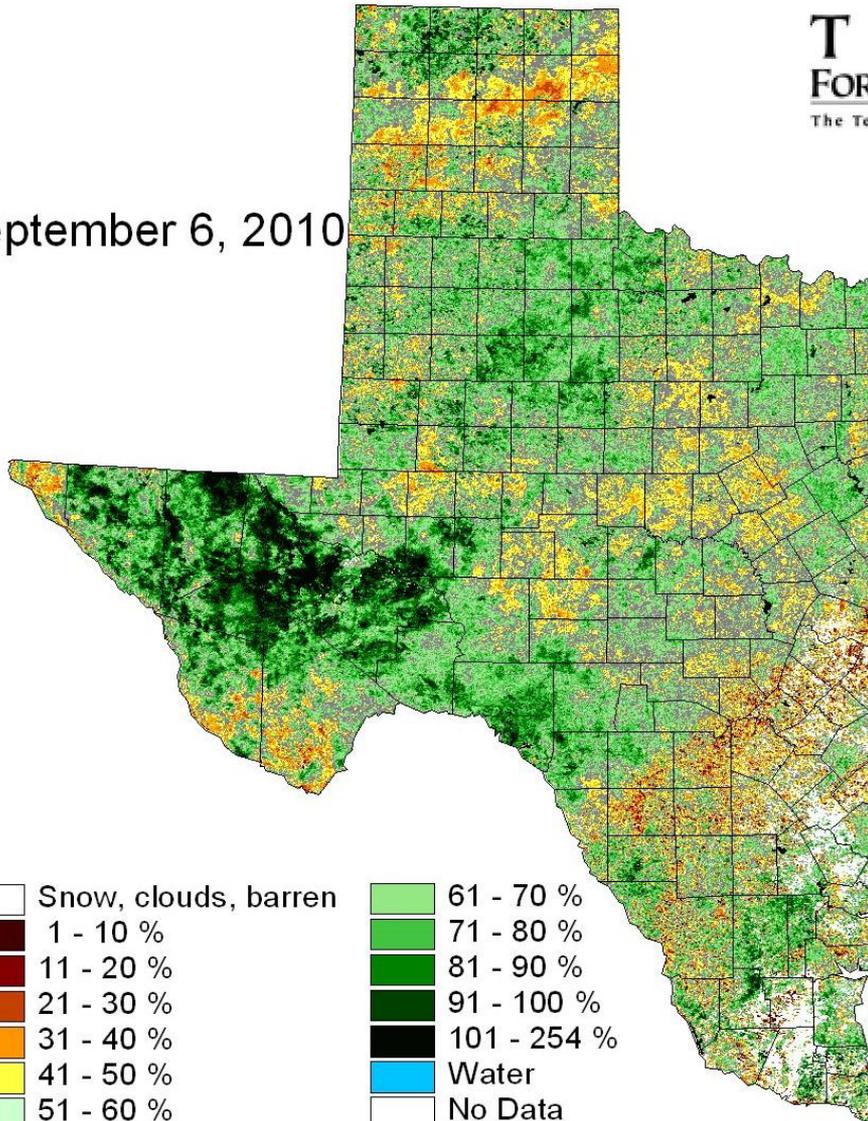


Departure from Weekly Average Greenness Compared to Average Greenness for Year

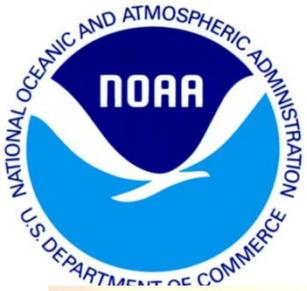


September 6, 2010

T
FOR
The Te:



Developed by:
David Shoemate
Spatial Sciences Laboratory
Texas A&M University System
College Station, TX
September 8, 2010



WFO Amarillo's Greenness Photo Log



November 21st 2009



July 25th 2010



August 28nd 2010



September 16th 2010

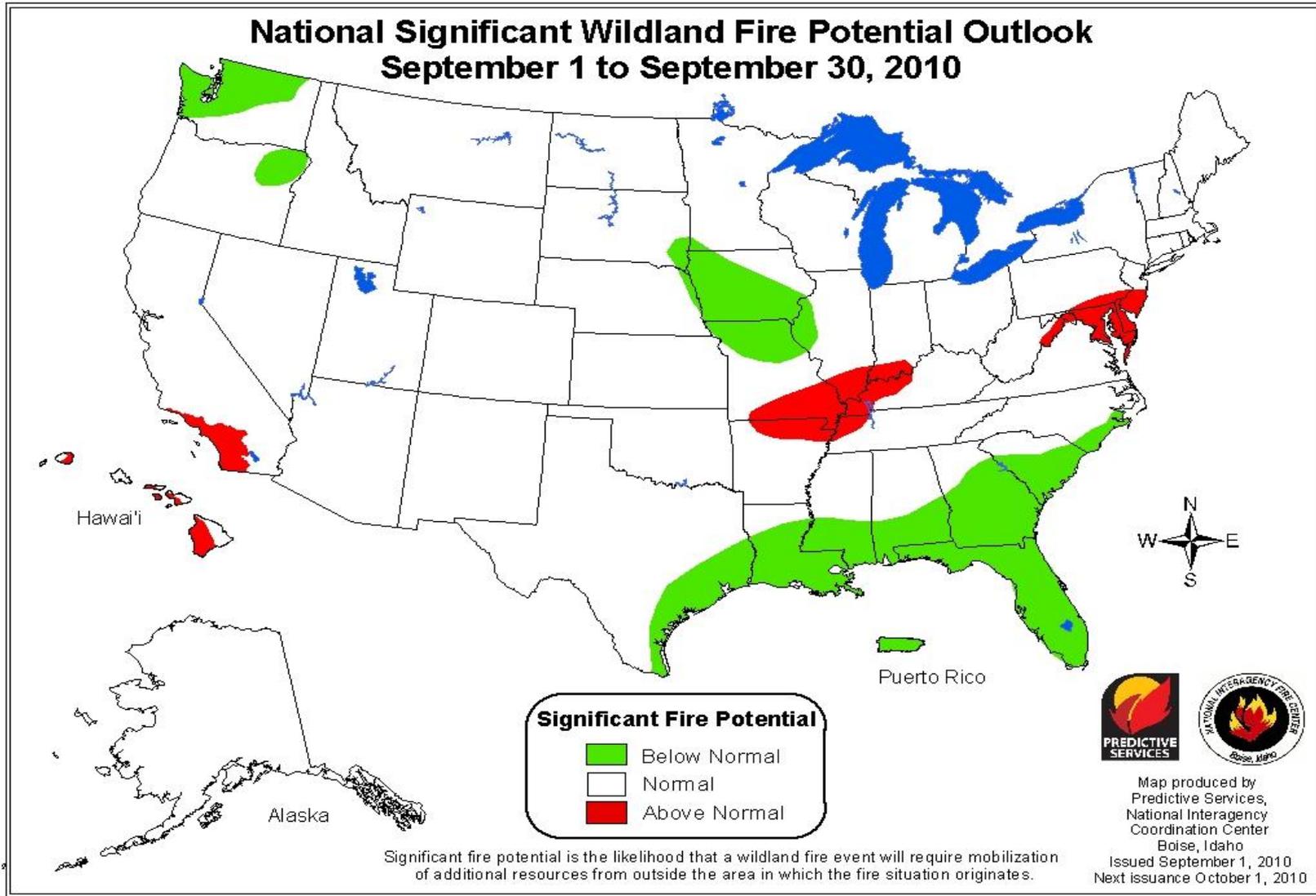




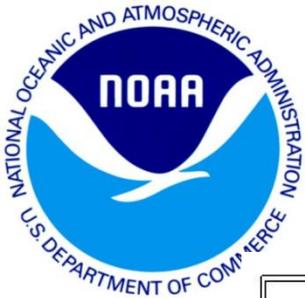
Fire Weather Outlook for September 2010



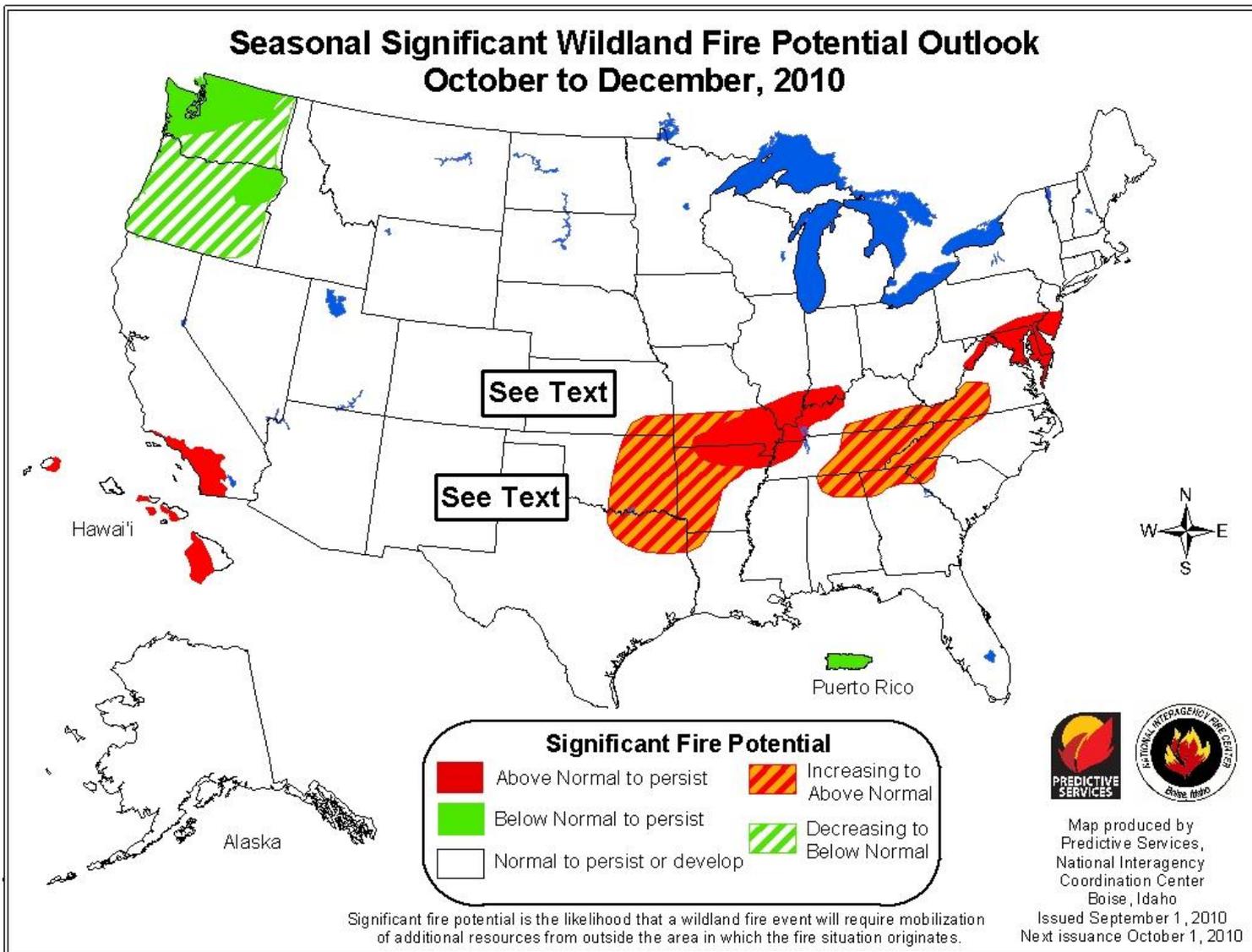
National Significant Wildland Fire Potential Outlook September 1 to September 30, 2010



Significant fire potential is the likelihood that a wildland fire event will require mobilization of additional resources from outside the area in which the fire situation originates.



Fire Weather Outlook October to December 2010





Thank You



- **Decision Support Symposium**
- **October 26th and 27th**
- **Amarillo College on Polk Street**
- **John.Brost@noaa.gov**