


ORDER #2015-10

WHEREAS, the Texas Forest Service has determined that drought conditions exist within Panola County to the extent that outdoor burning would be a hazard;


IT IS HEREBY ORDERED by the Commissioners' Court of Panola County that all outdoor burning is prohibited in the unincorporated areas of Panola County for a period of ninety (90) days from the date of adoption of this Order, unless the restrictions are terminated earlier based on a determination made by the Texas Forest Service or this Court. This Order is adopted pursuant to Local Government Code, Section 352.081, and other applicable statutes. This Order does not prohibit outdoor burning activities related to public health and safety that are authorized by the Texas Commission on Environmental Quality for : (1) firefighter training; (2) public utility, natural gas pipeline, or mining operations; (3) planting or harvesting of agriculture crops; or, (4) burns that are conducted by a prescribed burn manager certified under Section 153.048, Natural Resources Code, and meet the standards of Section 153.047, Natural Resources Code.

In accordance with Local Government Code Section 352.081(h), a violation of this Order is a Class C misdemeanor, punishable by a fine not to exceed \$500.00

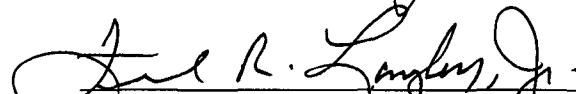
ADOPTED this 10th day of August, 2015 by a vote of 5 ayes and 0 nays.



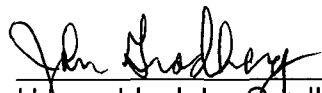
County Judge Lee Ann Jones



Honorable Ronnie LaGrone
Commissioner, Precinct One



Honorable Frank R. Langley, Jr.
Commissioner, Precinct Three

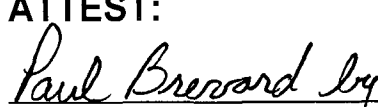


Honorable John Gradberg
Commissioner, Precinct Two

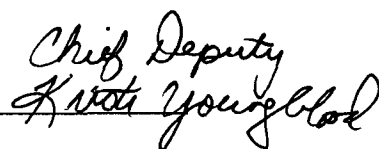


Honorable Dale LaGrone
Commissioner, Precinct Four

ATTEST:



County Clerk Paul Brevard

Chief Deputy




Fire Weather Forecast for Panola County

By: Juan Acuña - Fire Weather Analyst I / Meteorologist

Panola County has received very little rainfall over the 30-days. However with May and June being very wet months of the year, Shreveport (the closest weather monitoring station to Panola County) has recorded 42.74 inches of rainfall. Normal rainfall for this time of year is 31.75 inches, which puts the area at about 11 inches above normal for this time of year. That being said, the last few months have been very dry with only 0.49 inches recorded for July and no rainfall recorded for August. This is running a little over 3 inches below normal.

30-Day percent of normal rainfall is showing that Panola County is receiving 10-25% of normal rainfall. The 60-day percent of normal rainfall is a little better, but that is because of the rains in June.

Temperatures over the next several days are expected to top in the lower 100s. Relative humidity values will plummet into the upper 20s to lower 30s. Enhanced fire danger could exist with winds above 15mph.

The Weather Prediction Center is showing a big ridge of high pressure building into North/Northeast Texas early next week (at the time of this presentation). It will retrograde back to the west by mid-week and allow a few showers and a weak frontal boundary to slide into the state and hopefully provide at least a little relief. Otherwise, most of the state is hot, rain-free and bone-dry.

The KBDI is showing Panola County in the 600-700 category which represent very dry conditions. The 14-day forecast takes it a step further and puts the county in the 700-800 point and represents absolutely dry conditions. Based on the KBDI, fire potential is on the high side.

The US Drought Monitor has East Texas from the "abnormally dry" to "severe drought" range as of Thursday 8-6-15. The "severe drought" is very small and only accounts for about two tenths of the state, however it goes to show that things are beginning to dry up a lot in that part of the state.

The 6-10 & 8-14 Day climate outlooks from the Climate Prediction Center continue to have much of Texas in "above normal" temperatures and "below normal" precipitation for the next couple of weeks.

Fire Weather Forecast –
Panola County
8/10/15

By: Juan Acuña
Fire Weather Analyst I /
Meteorologist

30-Day Observed Rainfall

Little to no rainfall.

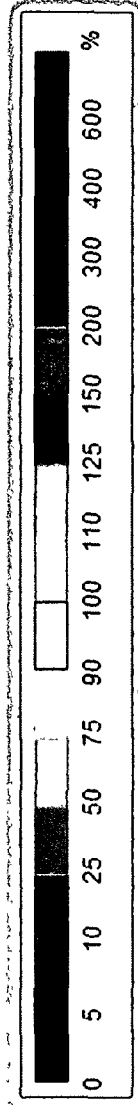
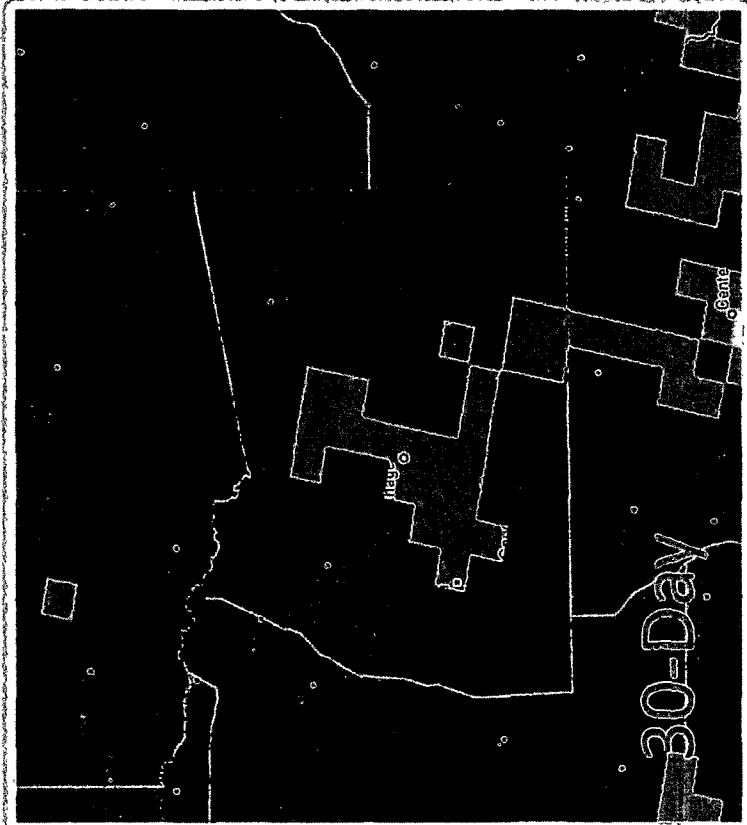
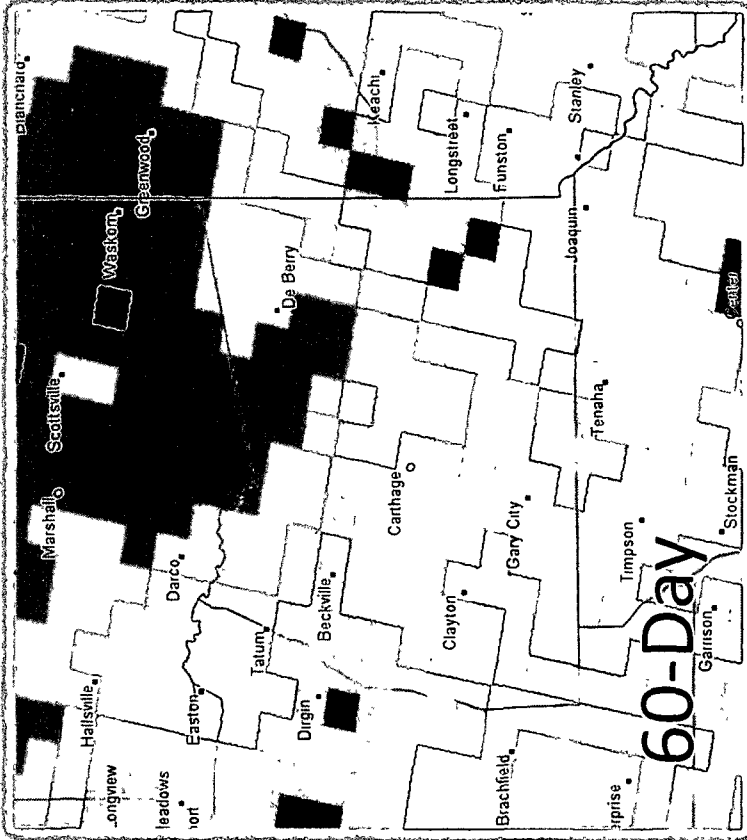


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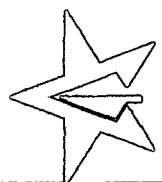
Juan Acuña, 200 Technology Way, Suite 1162, College Station, TX 77845
Office: (979) 458-7327 Call: (979) 393-3001

<http://water.weather.gov/precip/>

Percent of Normal Rainfall



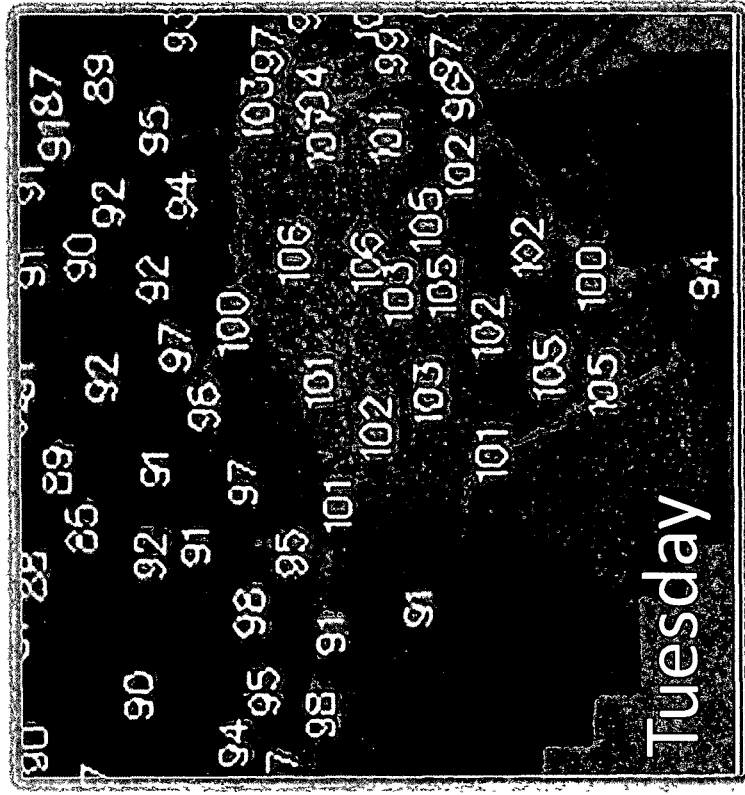
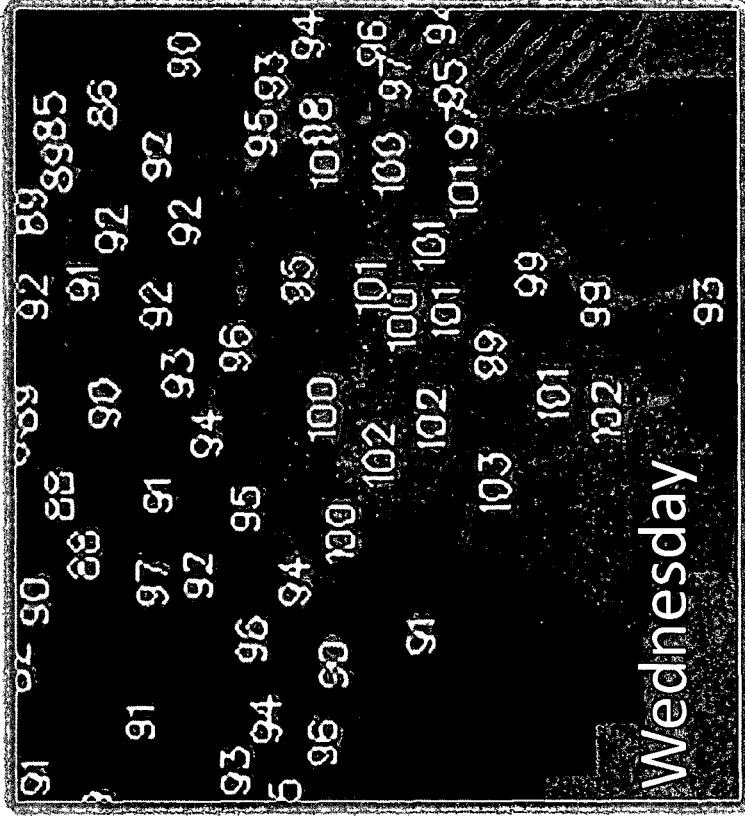
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<http://bit.ly/1KR9hBo>

GFS MOS Max Temps



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<http://bit.ly/1M511Bz>

Carthage, TX Tabular Forecast

Staying very hot & dry.

08/09		08/10		08/11																				
Date	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	00
Hour (CDT)	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	00
Temperature (°F)	84	83	82	81	81	80	80	83	87	91	95	97	100	101	102	102	101	100	98	94	91	89	87	86
Dewpoint (°F)	68	69	70	72	72	71	71	70	68	67	66	64	63	62	62	62	61	61	61	61	62	62	63	63
Heat Index (°F)	87	87	86	85	85	83	83	87	91	94	98	99	102	103	104	104	102	101	99	94	92	89	88	87
Surface Wind (mph)	7	7	7	7	7	6	6	6	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6
Wind Dir	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW
Gust:																								
Sky Cover (%)	13	13	13	13	13	13	13	13	13	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11
Precipitation Potential (%)	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Relative Humidity (%)	59	63	67	71	74	74	74	65	53	45	39	34	30	28	27	27	27	28	30	34	38	41	45	46
Rain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thunder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Date	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	00
Hour (CDT)	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	00
Temperature (°F)	85	84	83	82	82	81	81	84	88	92	96	98	101	102	103	103	102	101	99	95	92	89	88	86
Dewpoint (°F)	64	65	66	67	68	69	70	69	68	67	65	64	63	63	63	63	62	62	62	62	63	63	63	63
Heat Index (°F)	86	86	85	85	85	84	85	88	92	96	99	101	103	105	106	106	105	103	101	96	93	90	89	87
Surface Wind (mph)	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind Dir	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Gust:																								
Sky Cover (%)	14	14	14	14	14	14	15	15	15	15	15	15	16	16	16	16	16	16	21	21	21	21	21	21
Precipitation Potential (%)	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	10	10	10	10	10	10
Relative Humidity (%)	50	53	57	61	63	67	69	61	52	44	36	33	29	28	27	27	28	28	30	34	38	42	43	46
Rain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thunder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

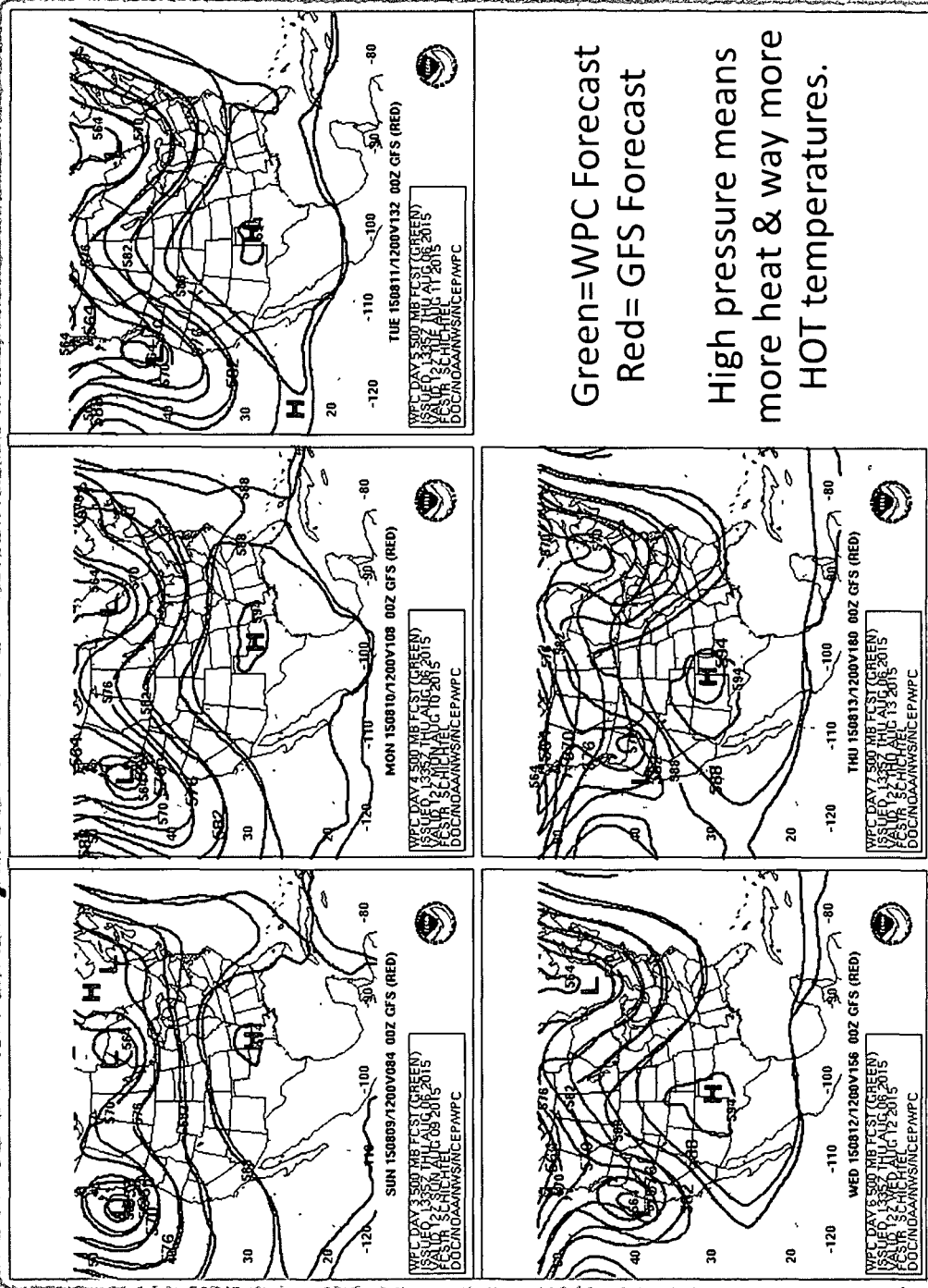


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<http://1.usa.gov/1gKCNPK>

Weather Prediction Center

3-7 Day 500MB Forecast



Green=WPC Forecast
Red= GFS Forecast

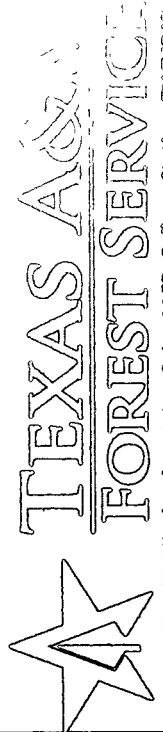
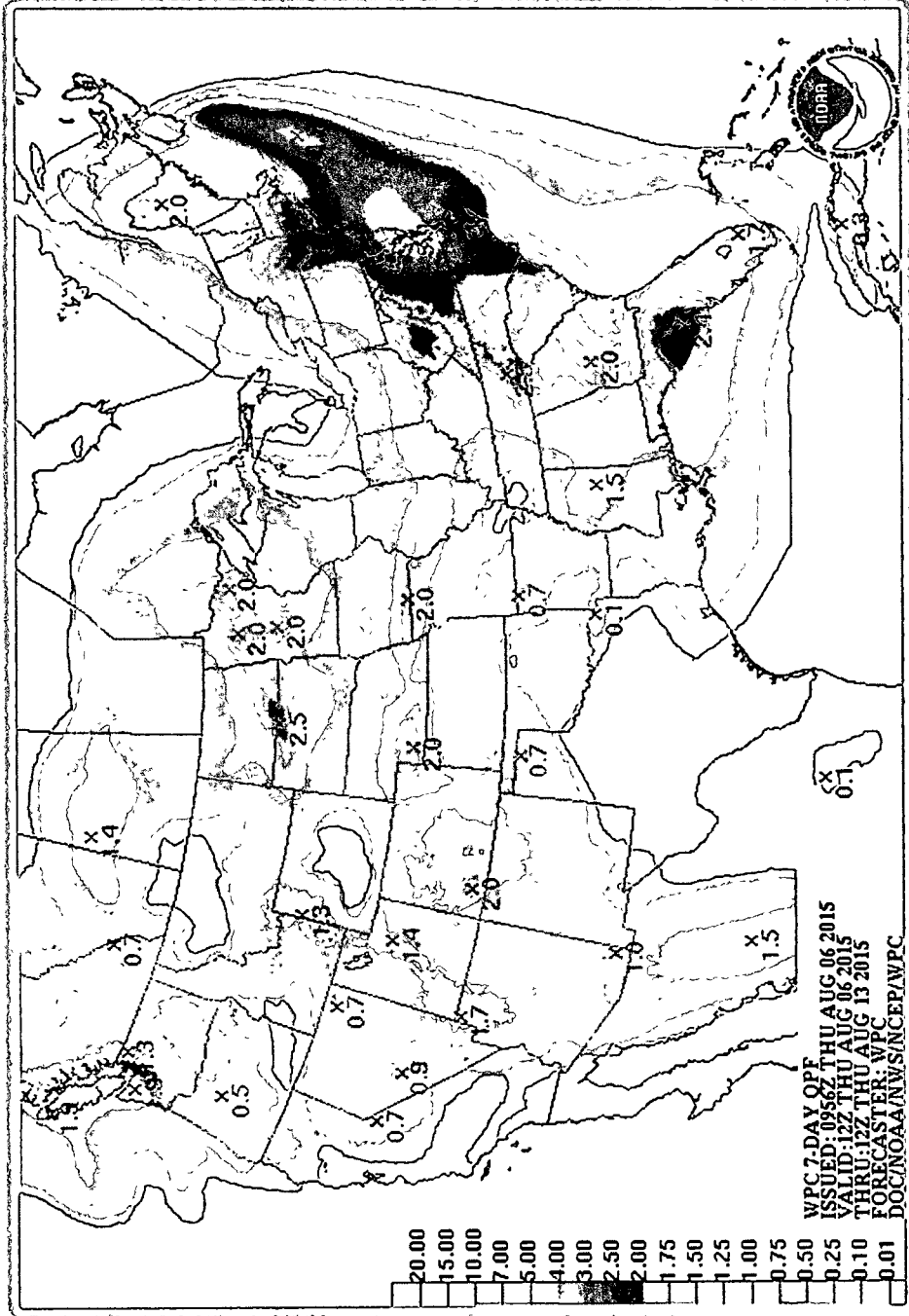
High pressure means
more heat & way more
HOT temperatures.



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<http://1.usa.gov/1SPcAQD>

Weather Prediction Center 7 Day Total Precipitation

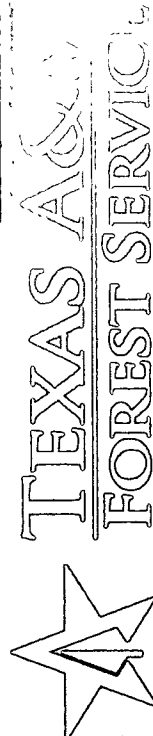
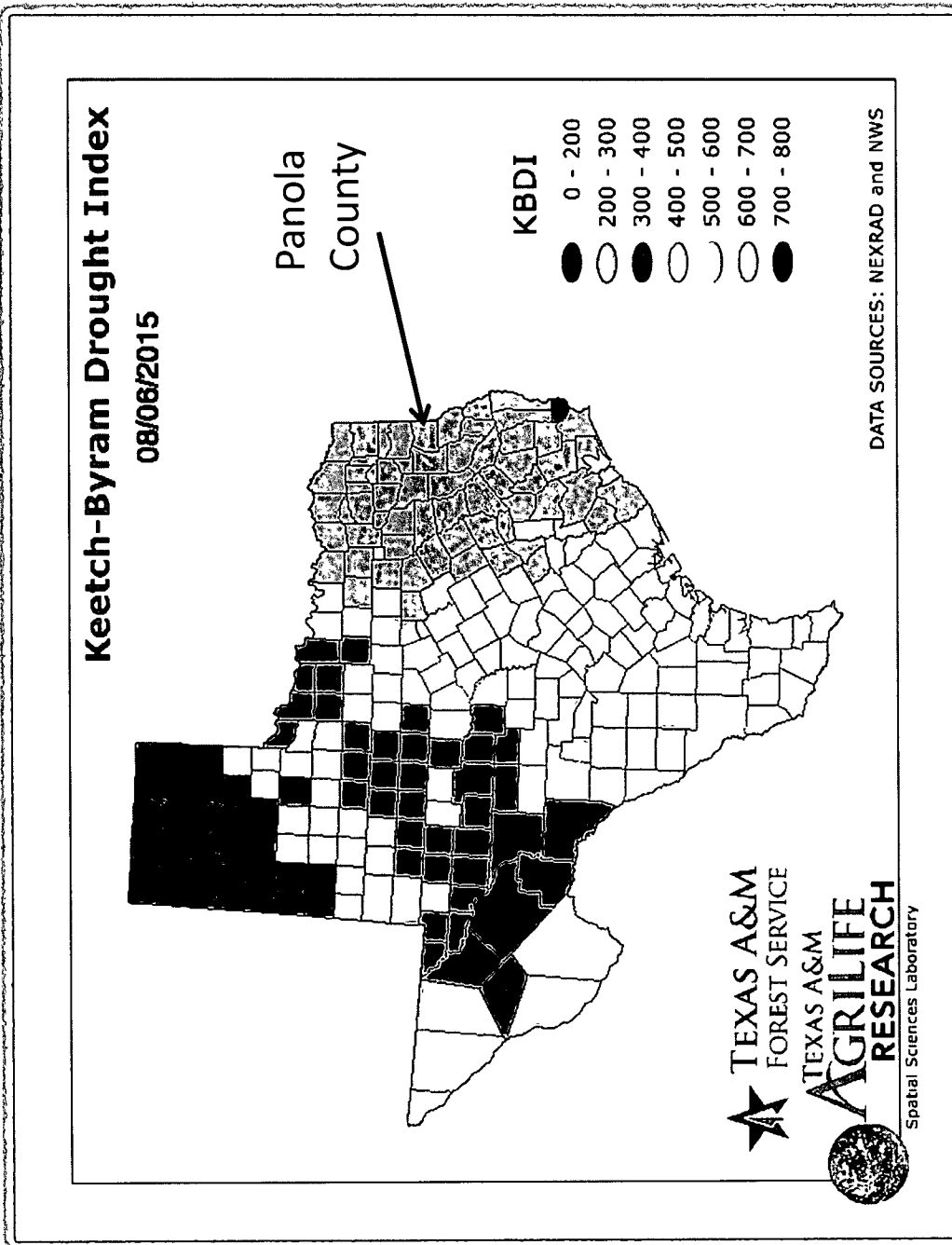


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Keetch-Byram Drought Index – Currently

Keetch-Byram Drought Index (KBDI) is an index used to determine forest fire potential. The drought index is based on a daily water balance, where a drought factor is balanced with precipitation and soil moisture (assumed to have a maximum storage capacity of 8-inches) and is expressed in hundredths of an inch of soil moisture depletion. The drought index ranges from 0 to 800, where a drought index of 0 represents no moisture depletion, and an index of 800 represents absolutely dry conditions. Presently, this index is derived from ground based estimates of temperature and precipitation derived from weather stations and interpolated manually by experts at the Texas Forest Service (TFS) for counties across the state.



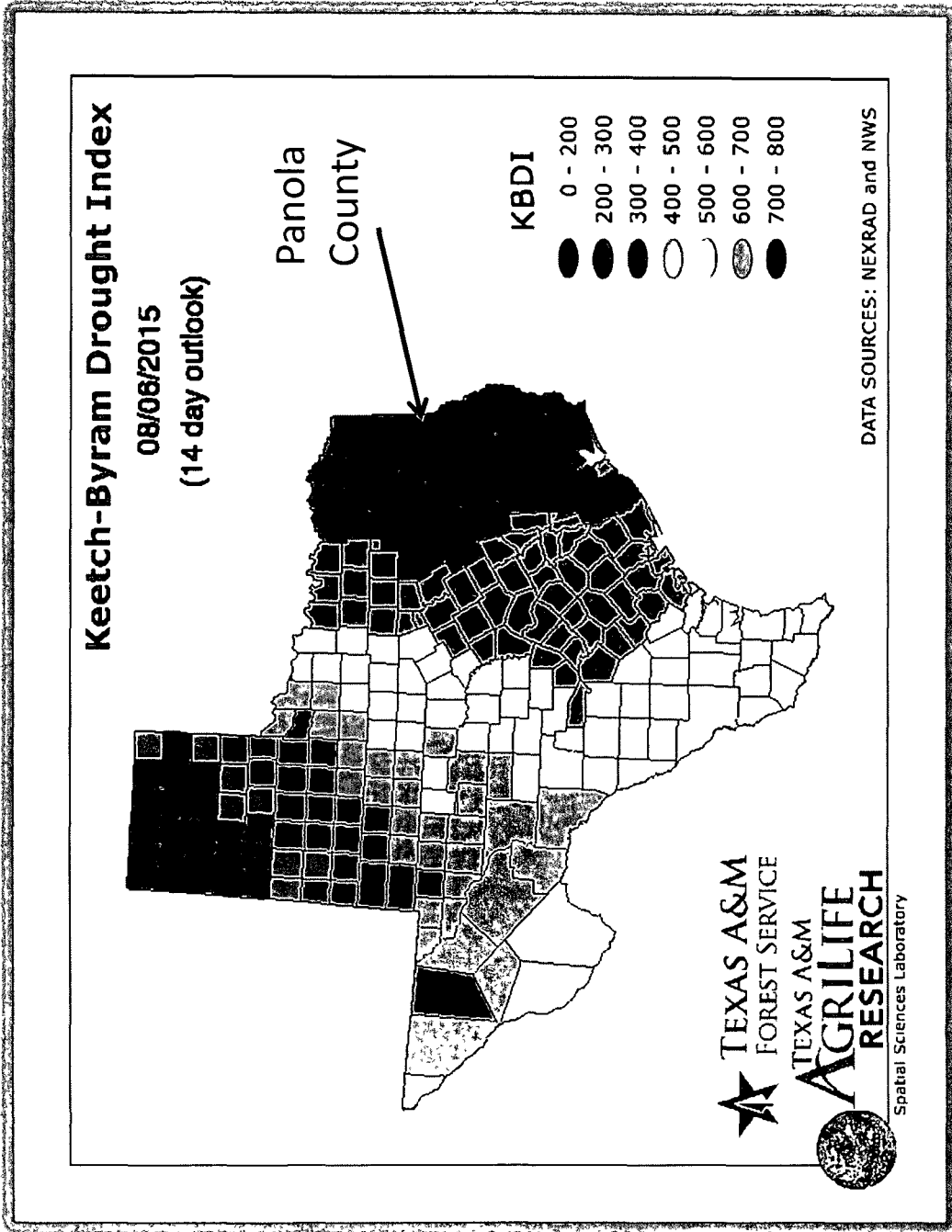
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<http://twc.tamu.edu/kbdi>

Keetch-Byram Drought Index – Forecast

Keetch-Byram Drought Index (KBDI) is an index used to determine forest fire potential. The drought index is based on a daily water balance, where a drought factor is balanced with precipitation and soil moisture (assumed to have a maximum storage capacity of 8-inches) and is expressed in hundredths of an inch of soil moisture depletion.

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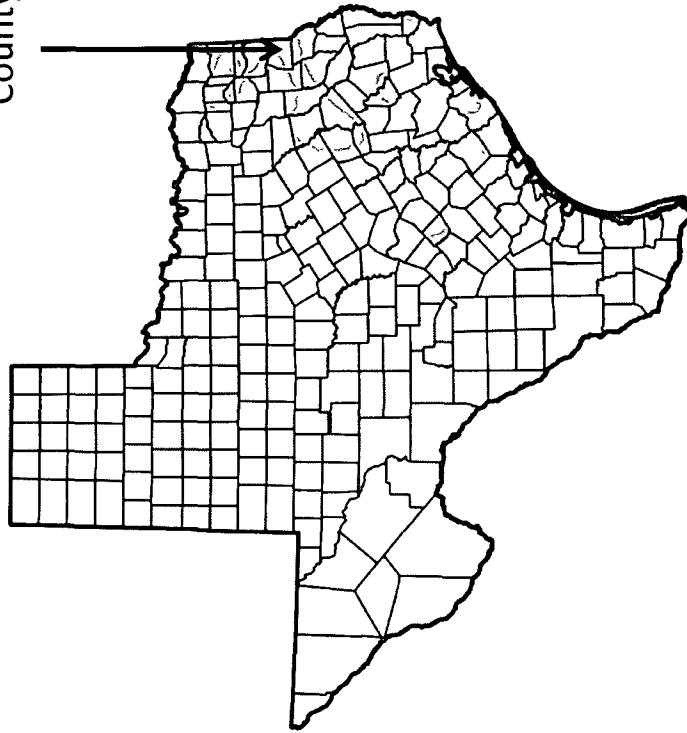
<http://twc.tamu.edu/kbdi>

US Drought Monitor

Parts of Panola County in Moderate Drought

U.S. Drought Monitor
Texas

Panola
County



August 4, 2015
(Released Thursday, Aug. 6, 2015)
Valid 8 a.m. EDT

	Drought Conditions (Percent Area)							
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4		
Current	72.33	27.67	4.61	0.18	0.00	0.00		
Last Week 7/28/2015	86.45	13.55	0.65	0.00	0.00	0.00		
3 Months Ago 5/5/2015	59.68	40.32	29.55	15.50	5.48	1.86		
Start of Calendar Year 12/30/2014	34.37	65.63	44.68	25.73	11.70	3.17		
Start of Water Year 9/30/2014	28.92	71.08	48.95	29.54	11.26	2.69		
One Year Ago 8/5/2014	17.20	82.80	56.88	35.52	13.67	2.85		

Intensity

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

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

Author:
Mark Svoboda
National Drought Mitigation Center



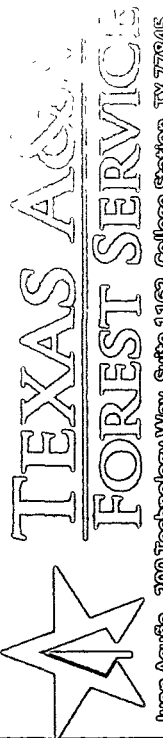
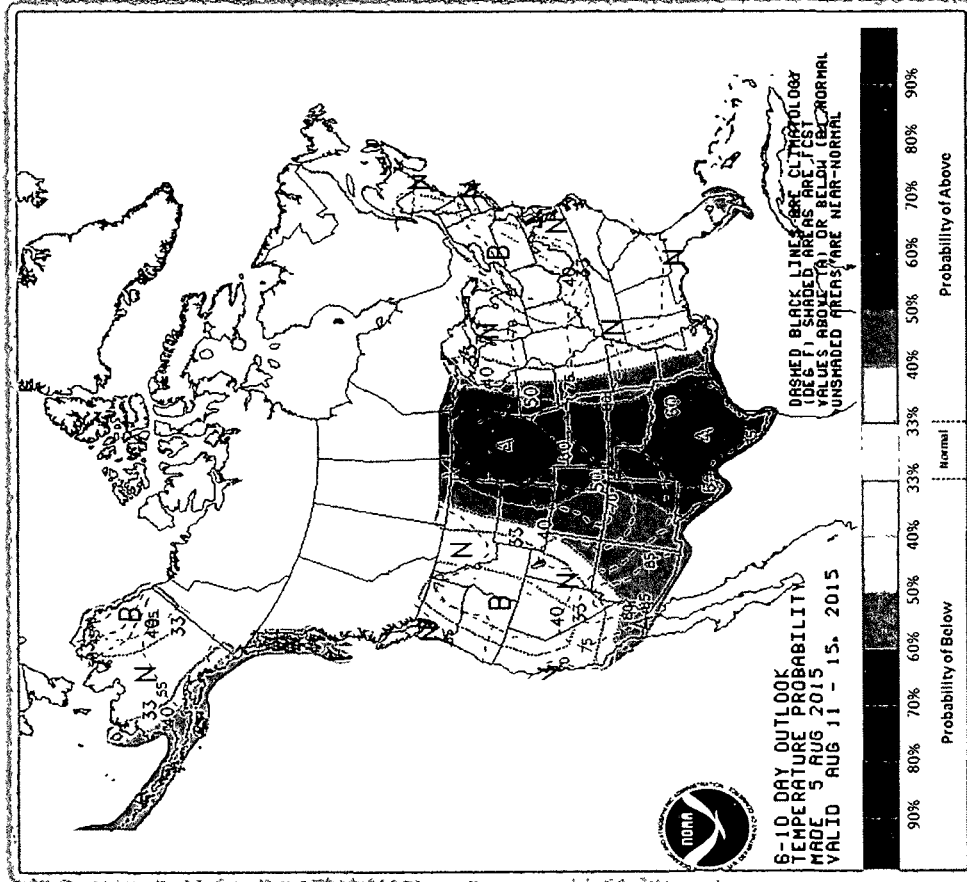
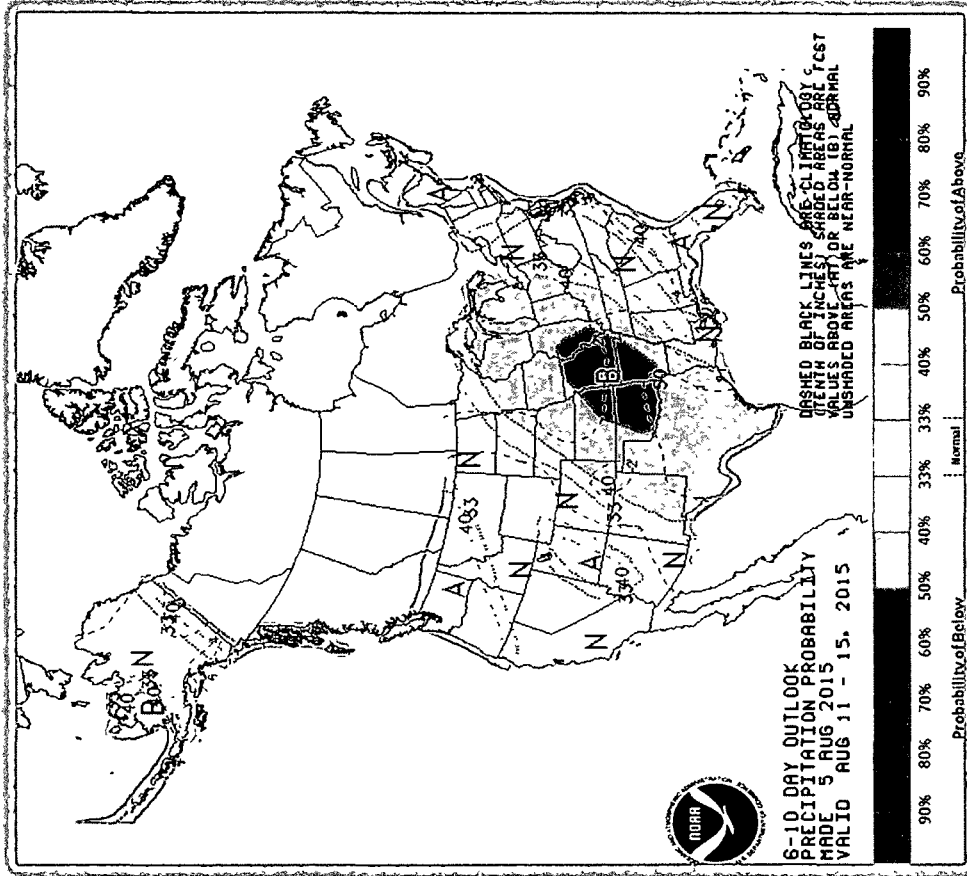
<http://droughtmonitor.unl.edu/>

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<http://bit.ly/1gbPAWu>

Climate Prediction Center 6-10 Day Outlook

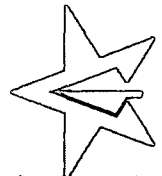
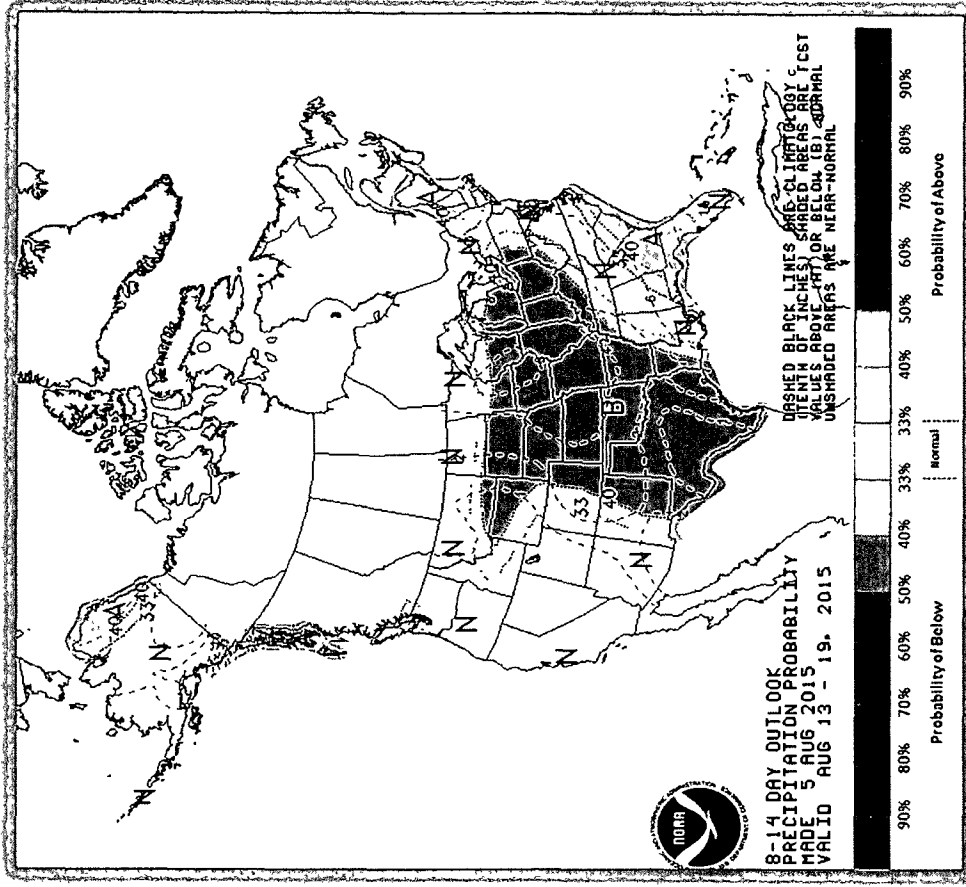
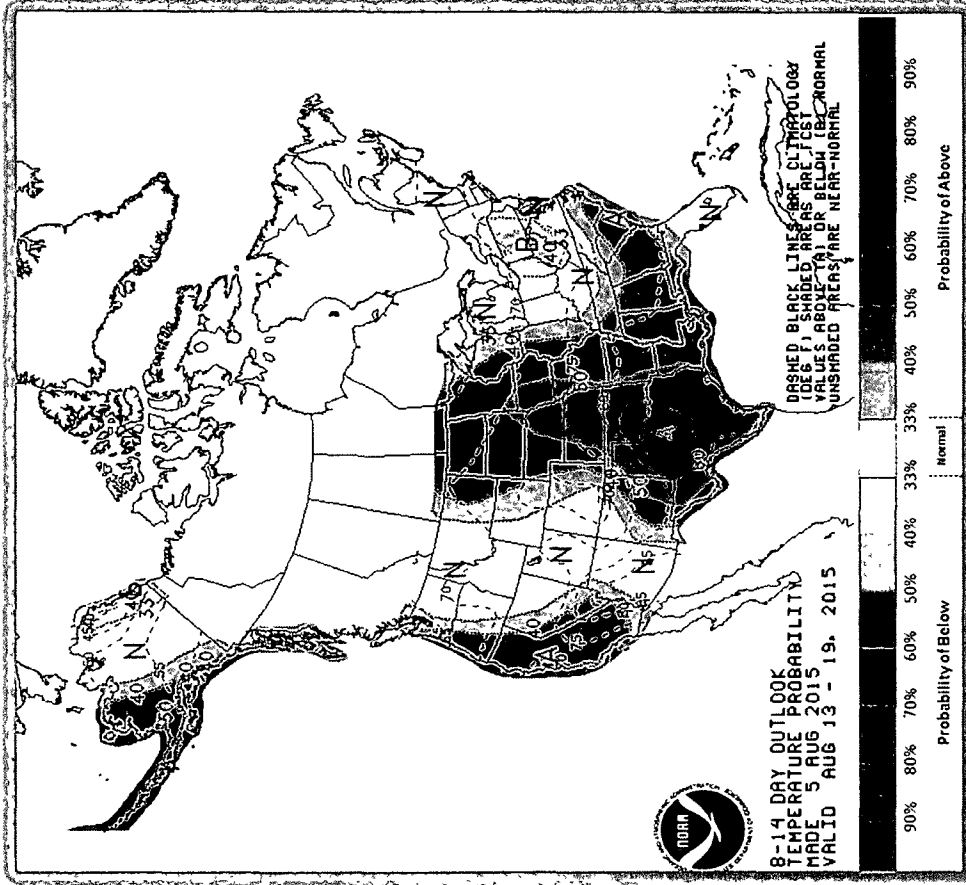


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<http://1.usa.gov/19Bf2BV>

Climate Prediction Center

8-14 Day Outlook



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<http://1.usa.gov/1nraTVX>