

OKLAHOMA
CLIMATOLOGICAL SURVEY

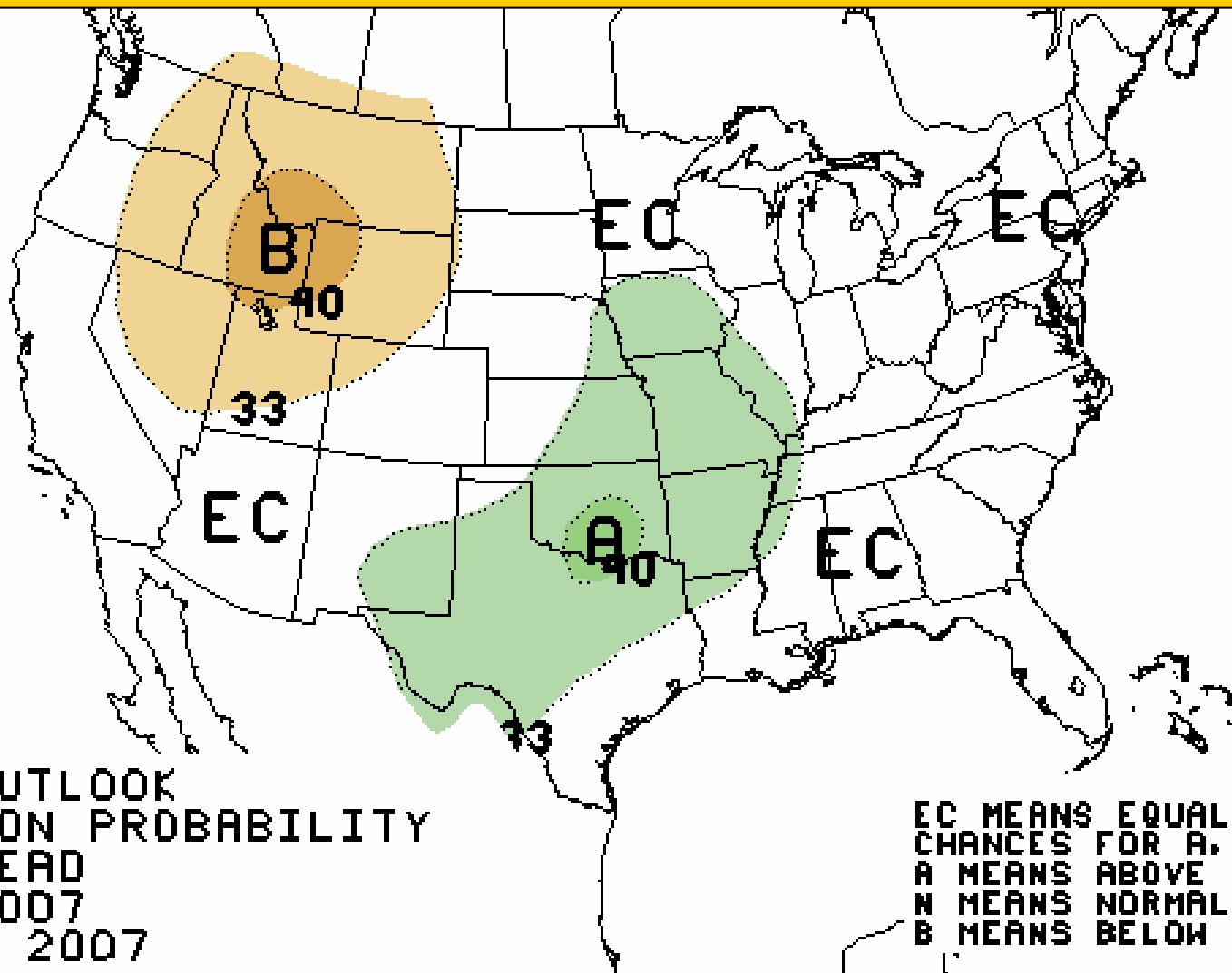
Annual Rainfall History with 5-yr Weighted Trends
Climate Division OK-ST (Oklahoma Statewide): 1895-2006

- Wetter historical periods
- Drier historical periods



NOAA
JULY
FORECAST:

ABOVE
NORMAL
PRECIPITATION



ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID JUL 2007
MADE 21 JUN 2007

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

Calendar Year Jan 1, 2007 though
June 26, 2007

Climate Division	Total Rainfall	Departure from Normal	Pct of Normal	Driest since	Wettest since	Rank since 1921 (85 periods)
Central	30.10"	+10.51"	154%	2006 (12.50")	1957 (33.82")	2nd wettest
Southeast	25.09"	-0.26"	99%	2006 (23.78")	2004 (25.63")	41st wettest

Water Year: Oct 1, 2006 through
June 26, 2007

Climate Division	Total Rainfall	Departure from Normal	Pct of Normal	Driest since	Wettest since	Rank since 1921 (85 periods)
Central	37.34"	+9.27"	133%	2005-06 (14.97")	1998-99 (37.77")	4th wettest
Southeast	42.00"	+2.55"	106%	2005-06 (27.05")	2001-02 (46.74")	27th wettest

Summer 2007: June 1, 2007 through
June 26, 2007

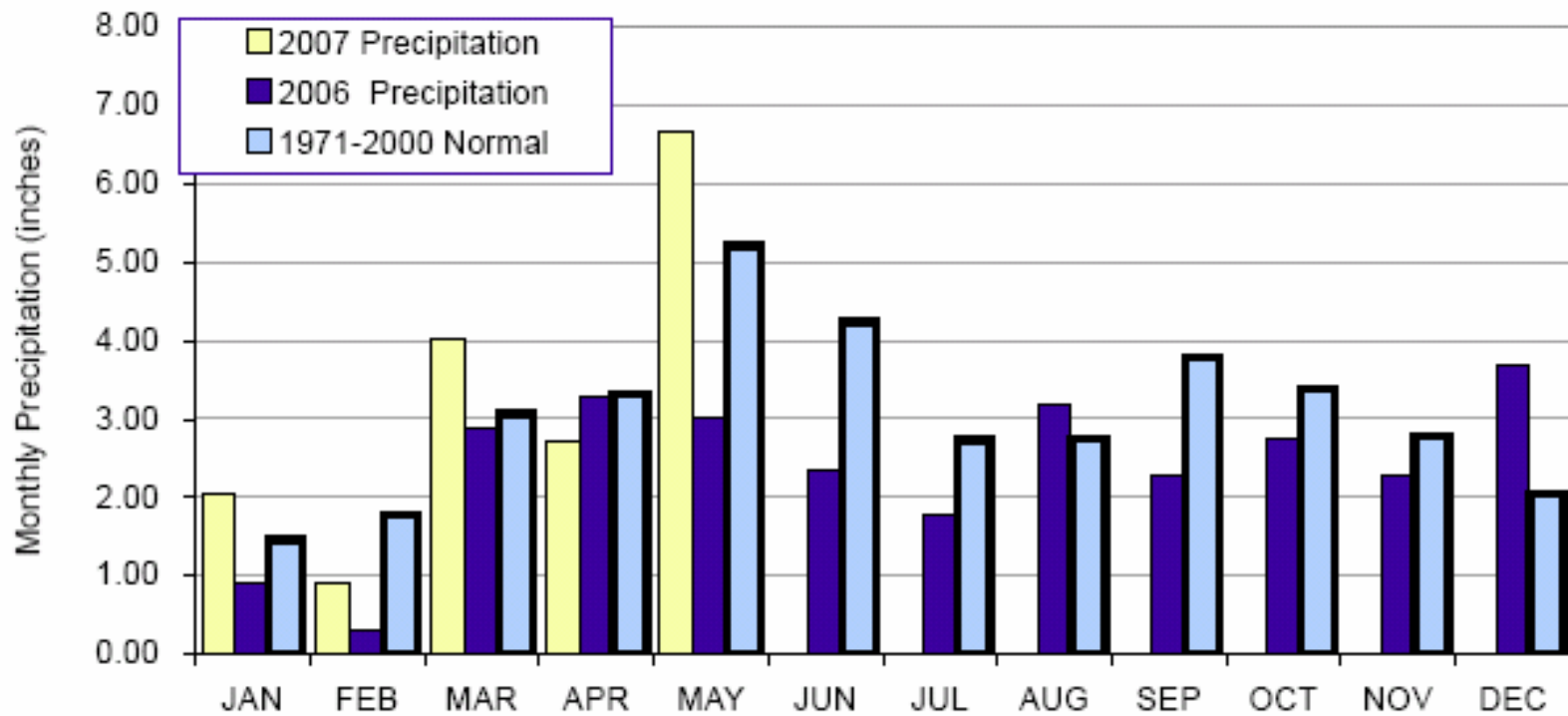
Climate Division	Total Rainfall	Departure from Normal	Pct of Normal	Driest since	Wettest since	Rank since 1921 (85 periods)
Central	10.00"	+6.04"	253%	2006 (2.93")	--	1st wettest
Southeast	6.13"	+2.06"	150%	2006 (4.00")	2004 (7.60")	13th wettest



Oklahoma Climatological Survey: Drought Monitoring Tools

http://climate.ocs.ou.edu/rainfall_update.html

2006 and 2007 Statewide Precipitation Monthly Totals vs. Normal

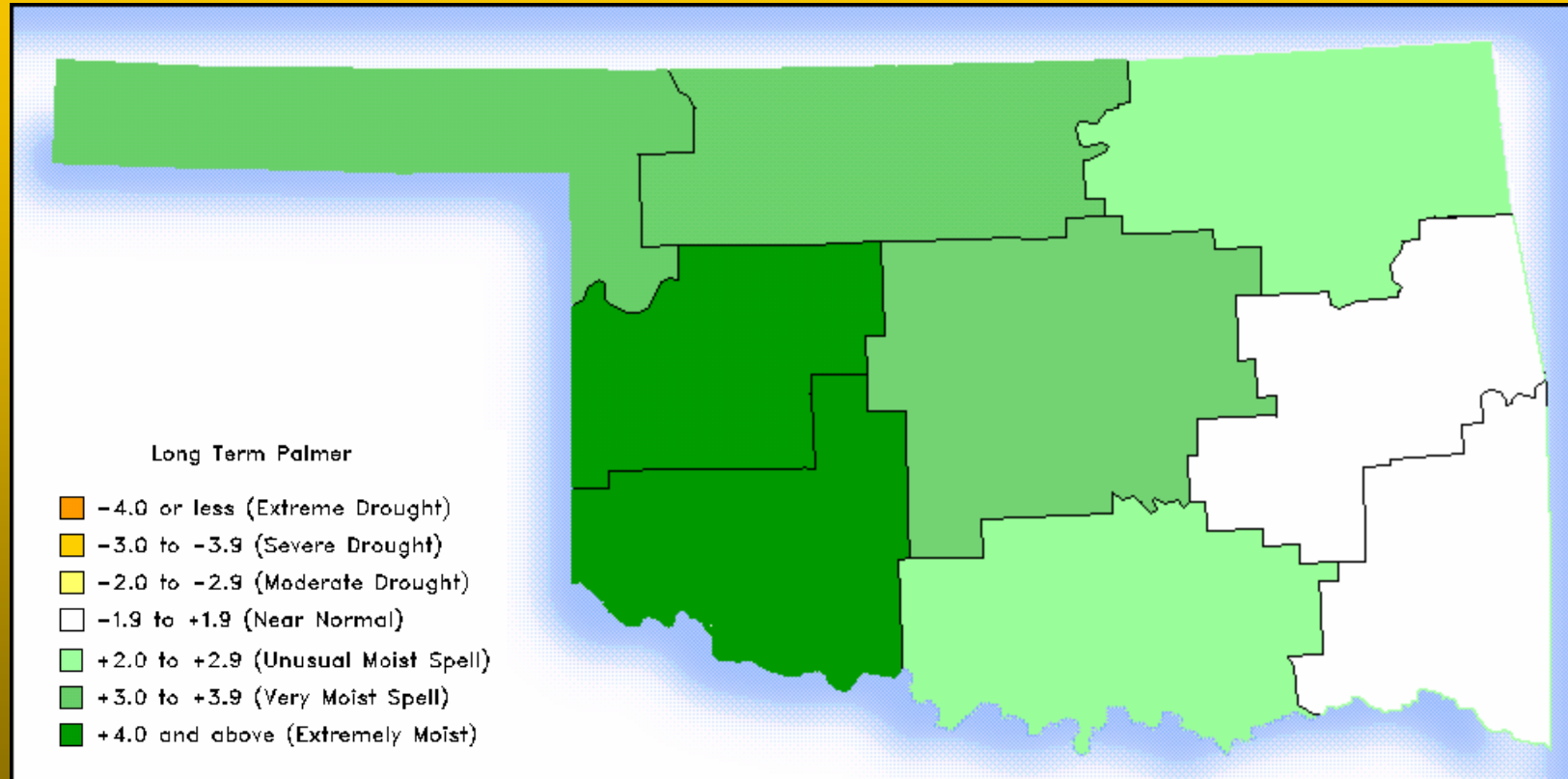


Oklahoma Climatological Survey: Drought Monitoring Tools

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DROUGHT SEVERITY INDEX BY CLIMATE DIVISION

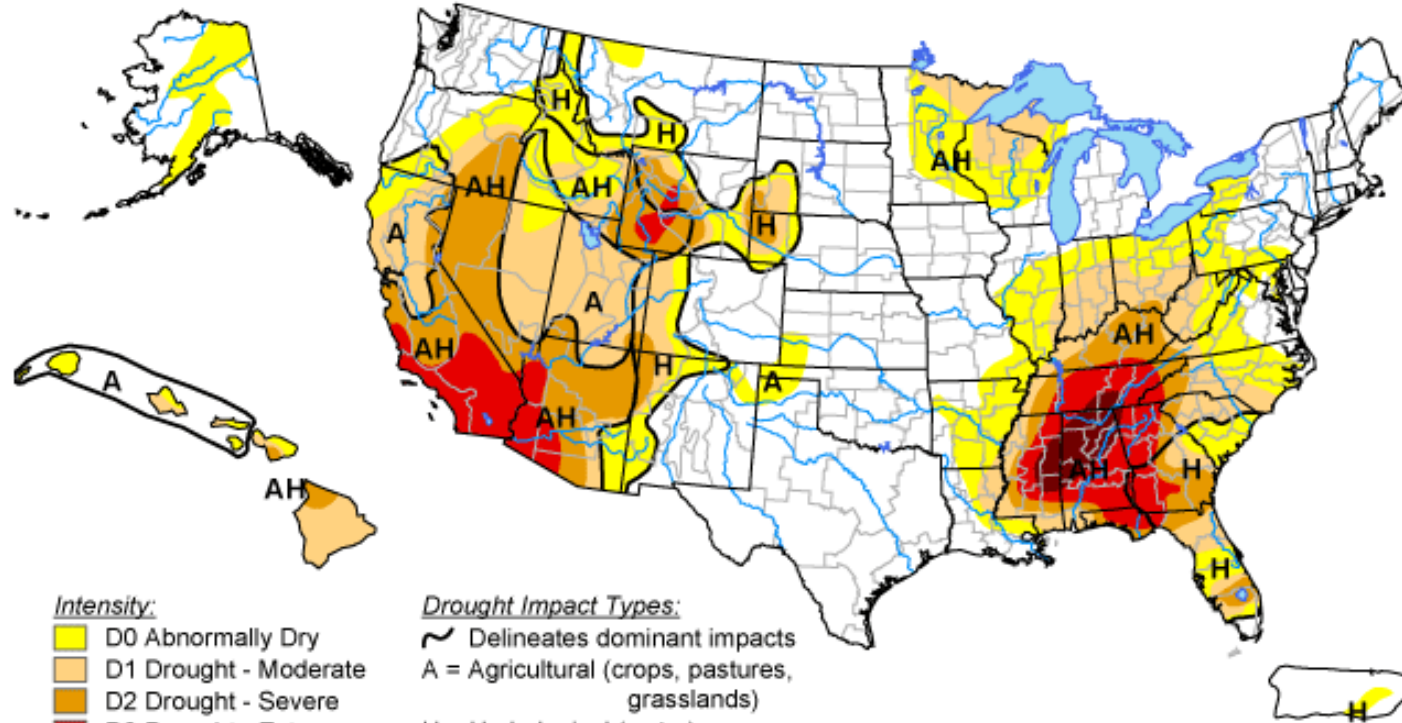
PALMER WEEKLY VALUE FOR PERIOD ENDING 23 JUN 2007



U.S. Drought Monitor

June 19, 2007

Valid 8 a.m. EDT



Intensity:

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

Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

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

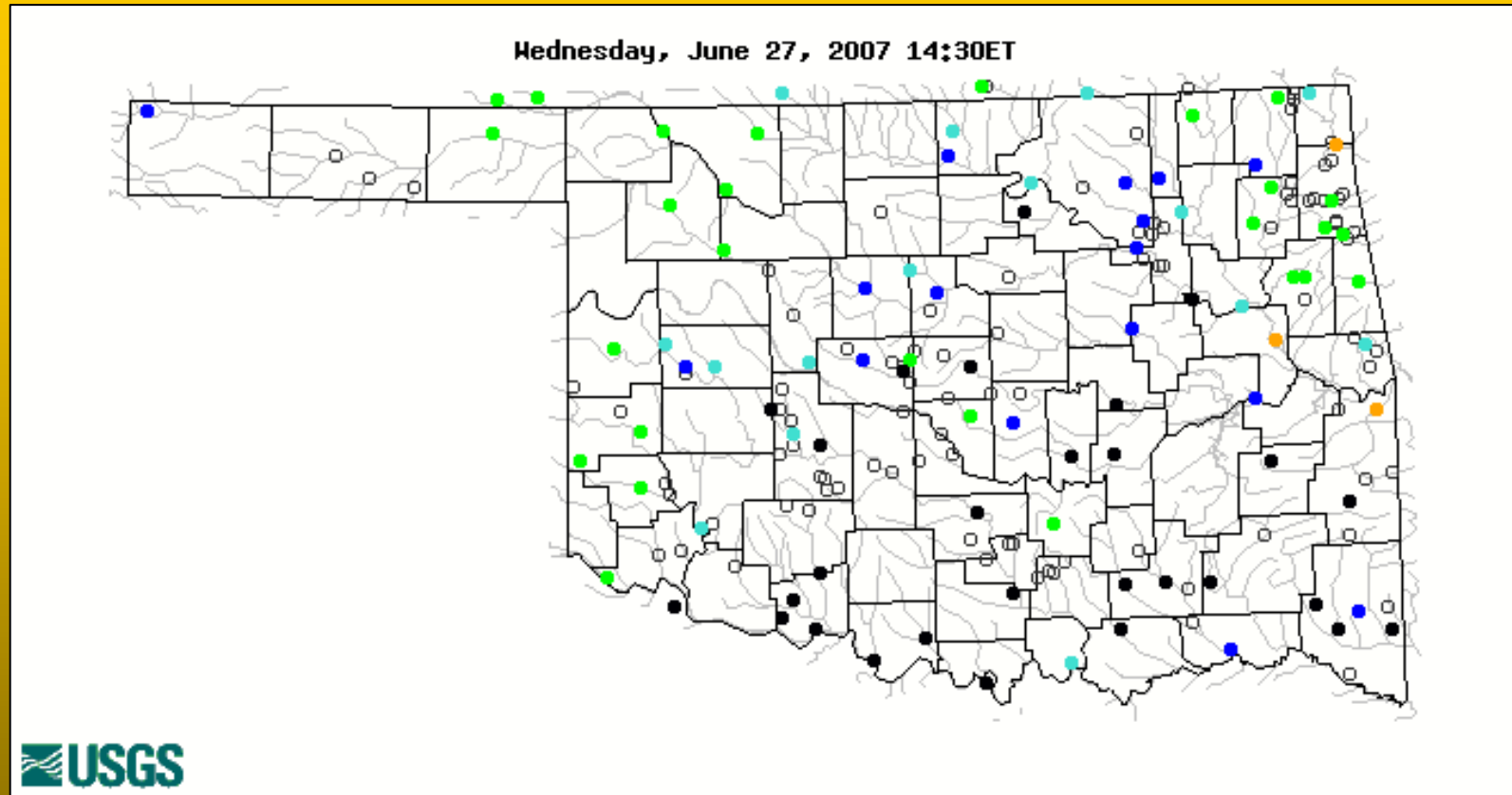


Released Thursday, June 21, 2007

Author: Rich Tinker, Climate Prediction Center, NCEP/NWS//NOAA

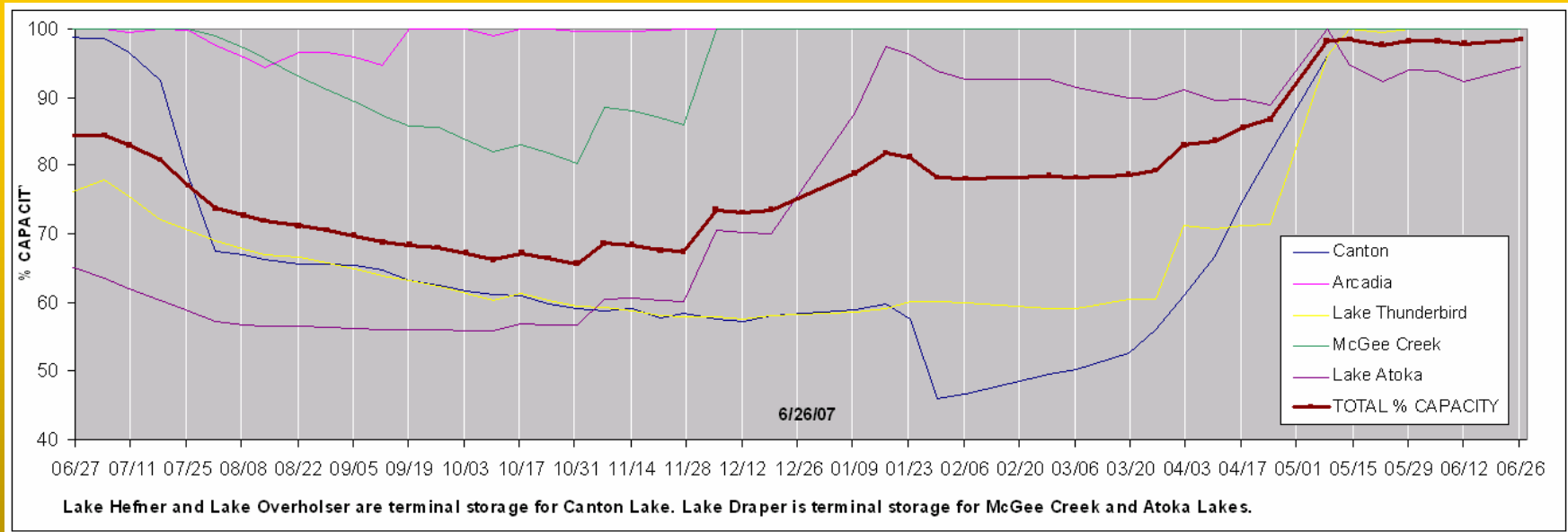
<http://drought.unl.edu/dm>

Map of real-time streamflow compared to historical streamflow for the day of the year (Oklahoma)



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Percent of Surface Water Conservation Storage Central OK Reservoirs

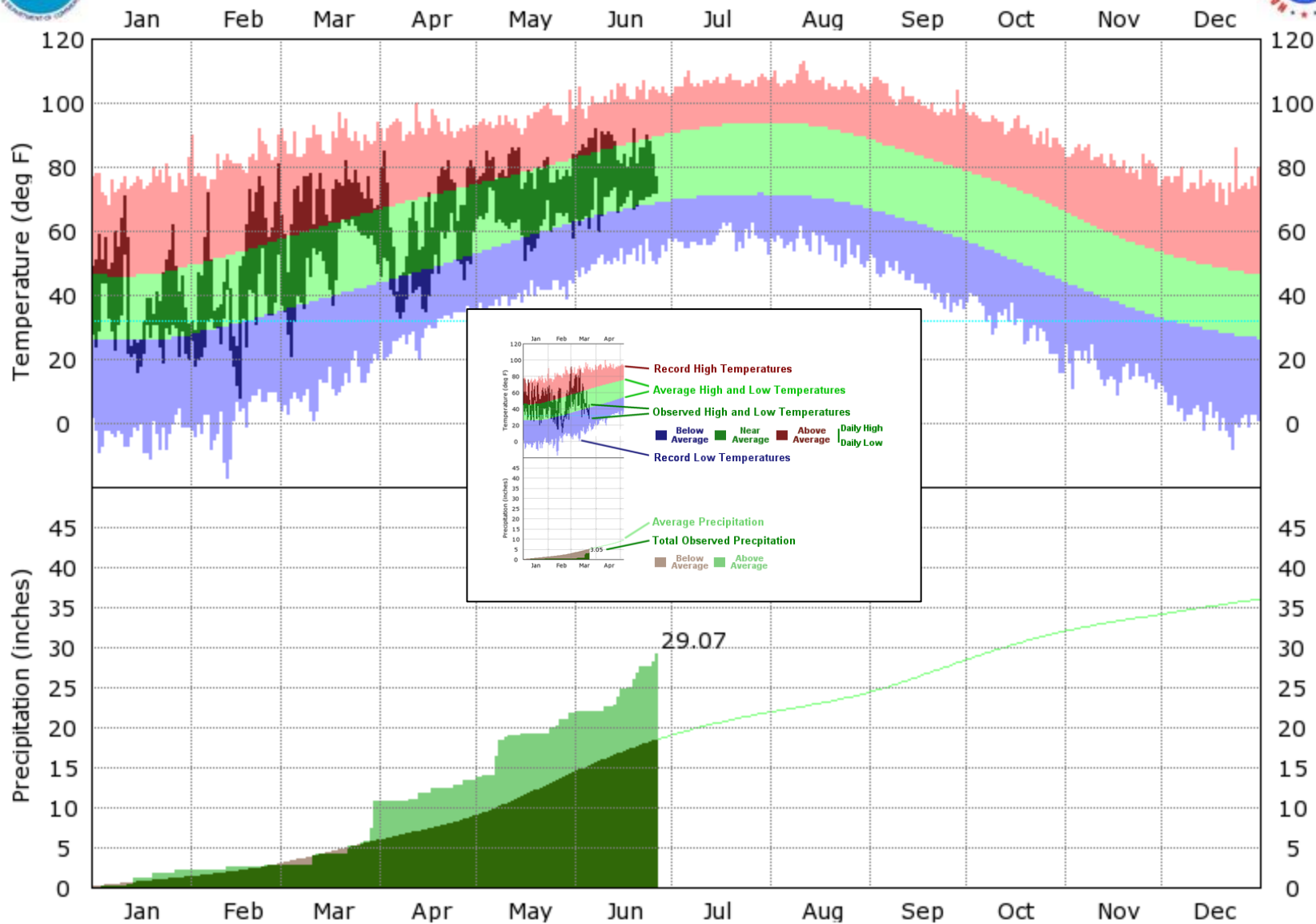


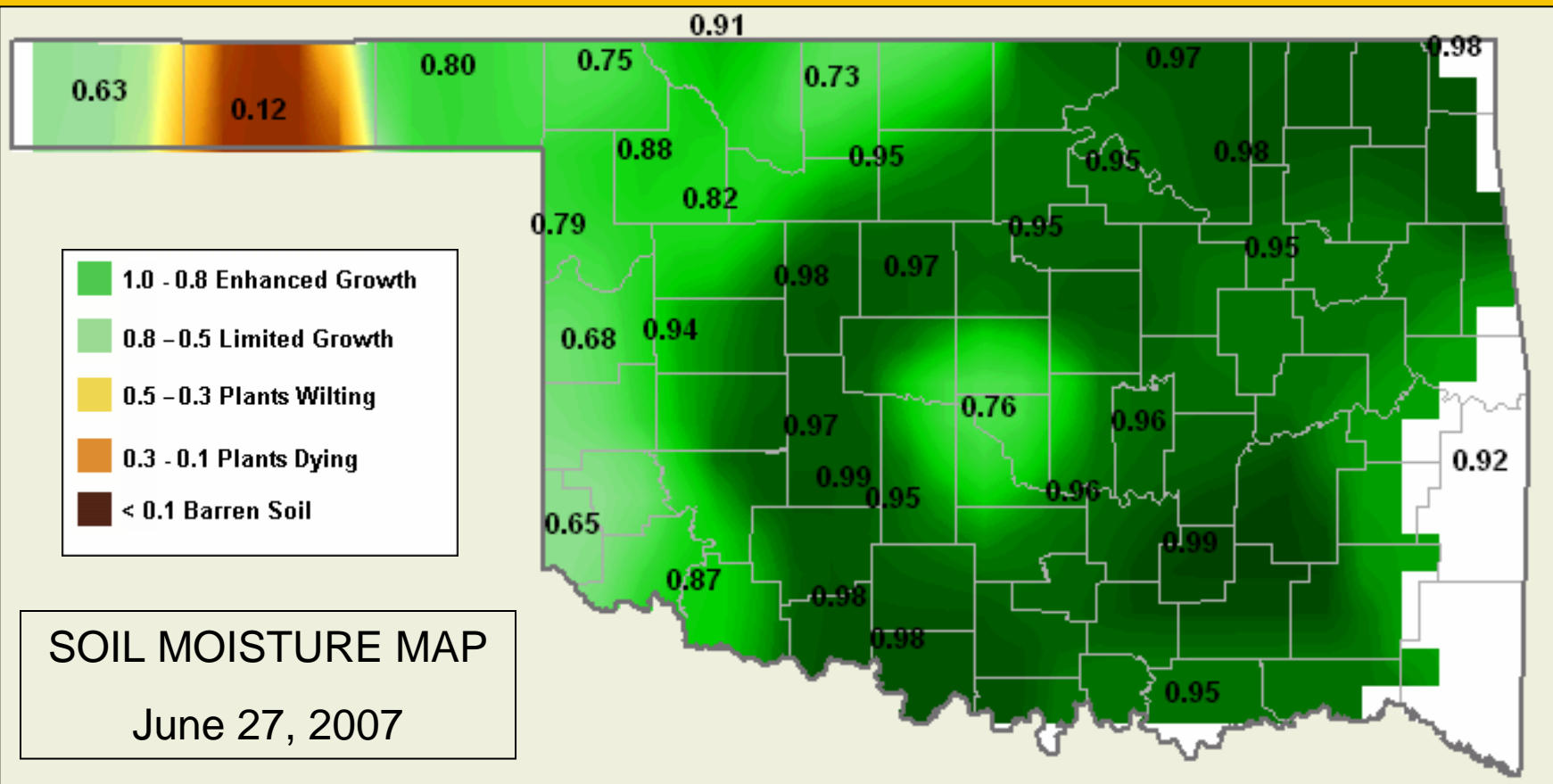
	% CAPACITY	% CHANGE FROM 6/12/07
Canton	100.0	0.0
Arcadia	100.0	0.0
Lake Thunderbird	100.0	0.0
McGee Creek	100.0	0.0
Lake Atoka	94.5	2.1
TOTAL % CAPACITY	98.4	0.2





Oklahoma City OK - 2007

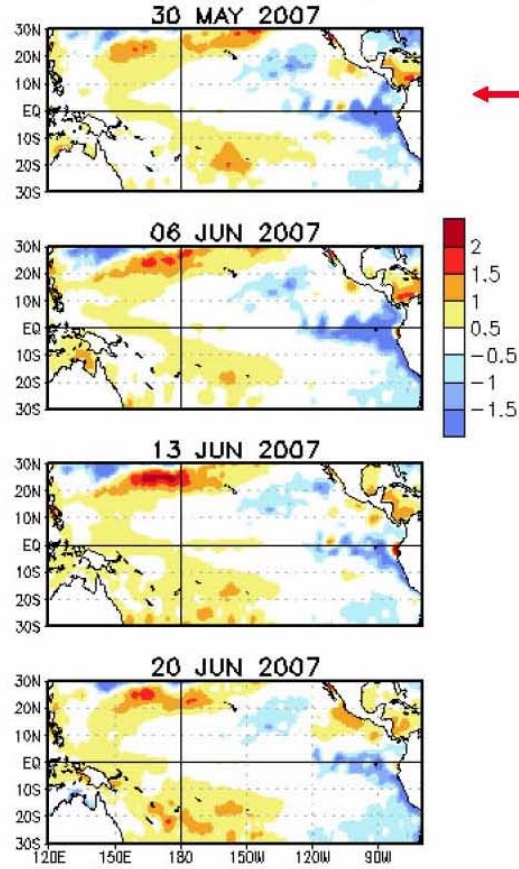




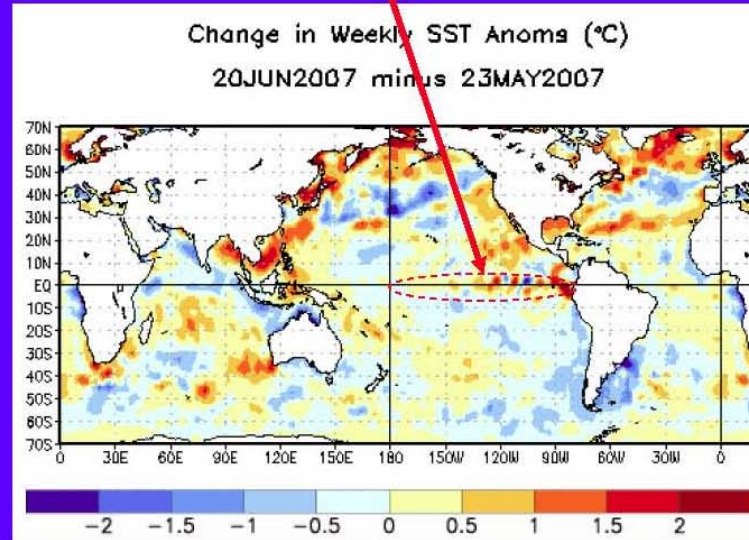


Weekly SST Departures (°C) for the Last Four Weeks

Weekly SST Anomalies (DEG C)



- During late May - June 2007 below-average SSTs persisted in the eastern equatorial Pacific Ocean.
- Over this 4-week period equatorial SST anomalies increased over most of the eastern tropical Pacific.



LA NINA (COOL EASTERN PACIFIC WATER) ANOMALIES TYPICALLY PRODUCE DRIER WEATHER IN THE NORTH AMERICAN MIDCONTINENT.

