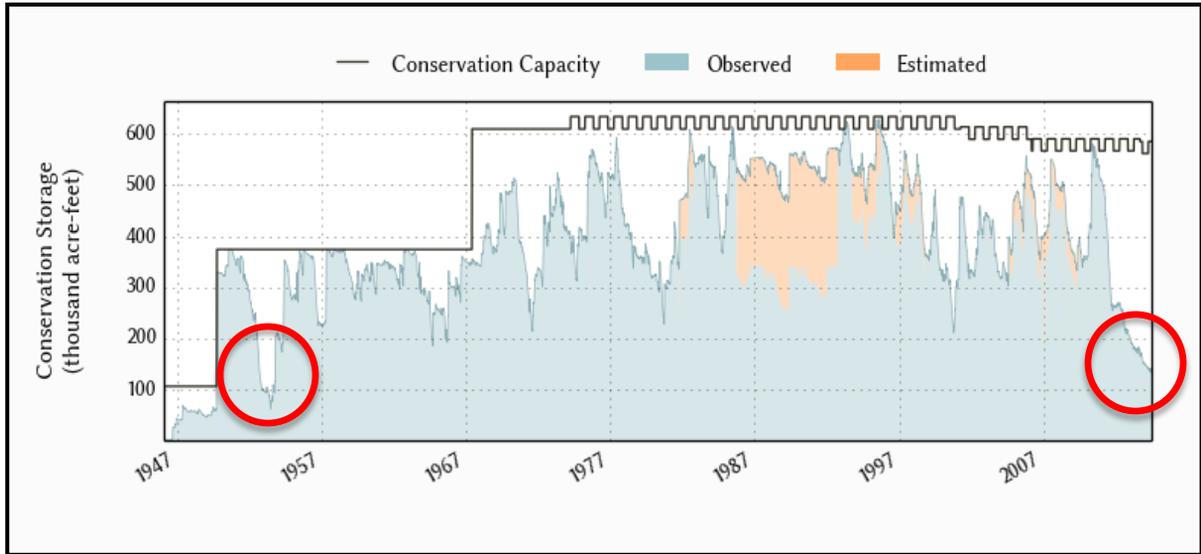




Wichita Falls Drought Forum Summary June 2014



Current Lake Level Situation



The Combined Storage of Lakes Kickapoo, Arrowhead, and Kemp is at 22.4% as of June 23, 2014.

This is the lowest since the mid 1950s.

(Source; <http://www.waterdatafortexas.org/reservoirs/municipal/wichita-falls>)

Current Precipitation Deficit at Wichita Falls



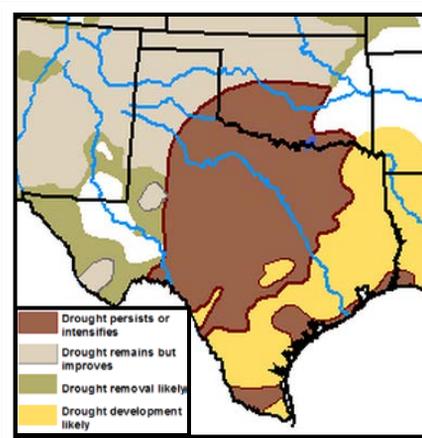
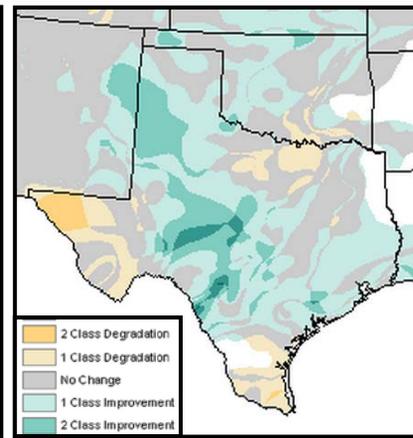
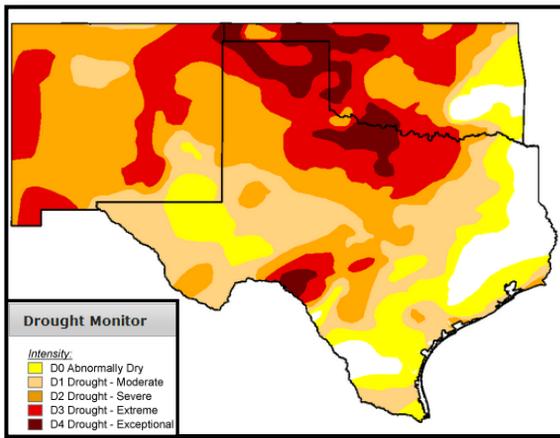
Observed precipitation at Wichita Falls in the 45 months since October 1, 2010.

Total precipitation \approx 63 inches, \sim 45 inches less than the normal of 108 inches

(Driest consecutive 45 month period on record, since 1898)

This is approximately 1 ½ years worth of missing precipitation!

Drought Status



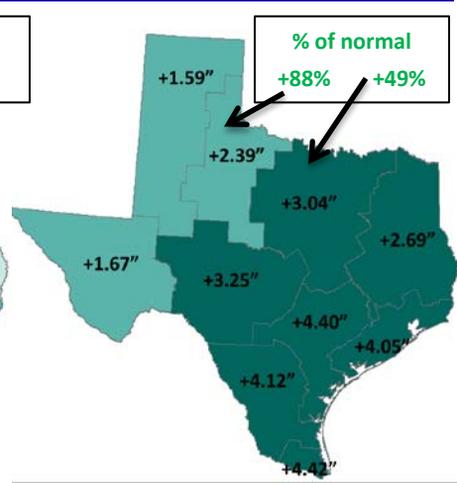
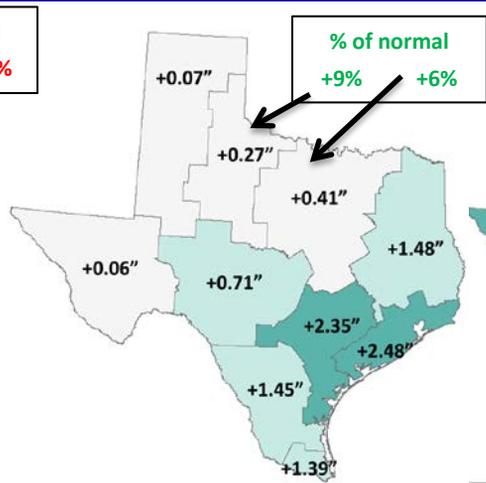
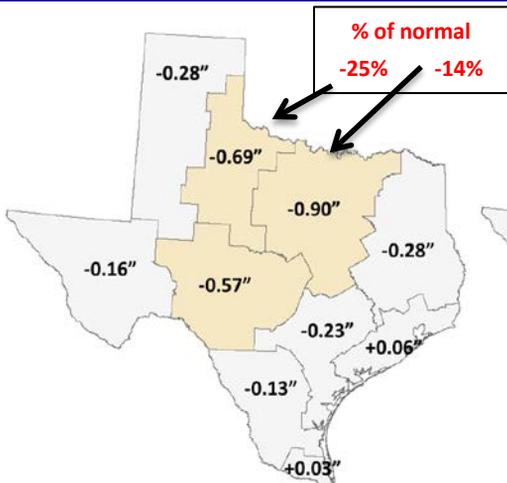
**Latest Drought Monitor
(as of June 19, 2014)**

**1-Month Change in Drought
(as of June 19, 2014)**

**3-Month Drought Outlook
(through September, 2014)**

- May and June are typically the wettest months for this area, so this would tend to be a time when some drought relief would be expected.
- Beneficial rains have occurred in parts of Texas and Oklahoma over the past month, providing some short term drought relief. *Unfortunately, the Wichita Falls area was missed!*

What impact might El Nino have later in 2014 and in early 2015?



Winter Season (Dec-Jan-Feb) Change from Normal Precipitation During Weak (left), Moderate (center), and Strong (right) El Nino
A weak or moderate El Nino this winter may not bring widespread drought relief!
 (Texas Climate Division data since 1950; <http://www.ncdc.noaa.gov>)

Southern Plains Partners

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 Southern Regional Climate Center
 srcc.lsu.edu

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 ncdc.noaa.gov
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