



October 2014 Climate Summary for SOUTHEAST TEXAS WFO Houston/ Galveston



Rains returned to Southeast Texas during the first half of the month with nary a drop of rain falling during the second half of October. Rainfall across Southeast Texas was generally 2 to 3 inches below the 30 year normals. For the fifth consecutive month, rainfall across Southeast Texas was below normal. Drought conditions (Figure 3) had begun to expand across the southwest with parts of Jackson County

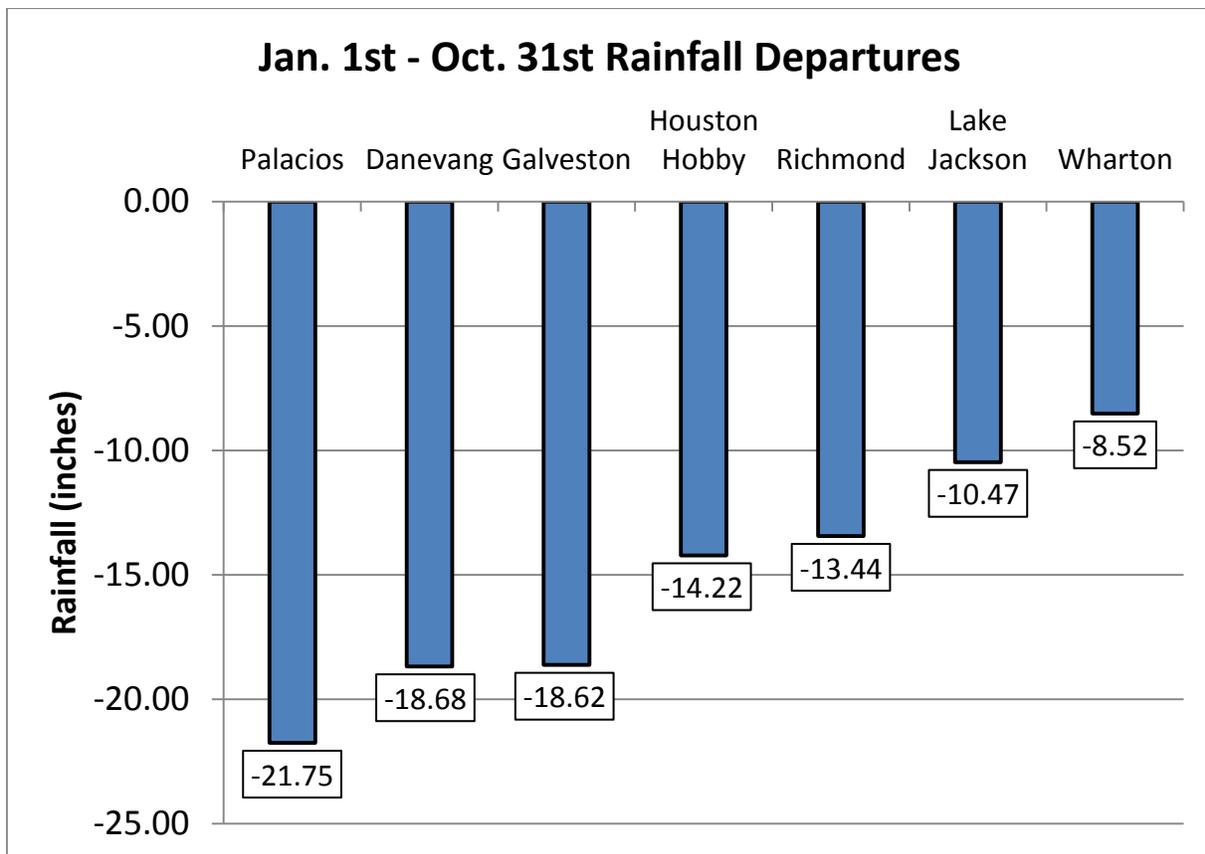
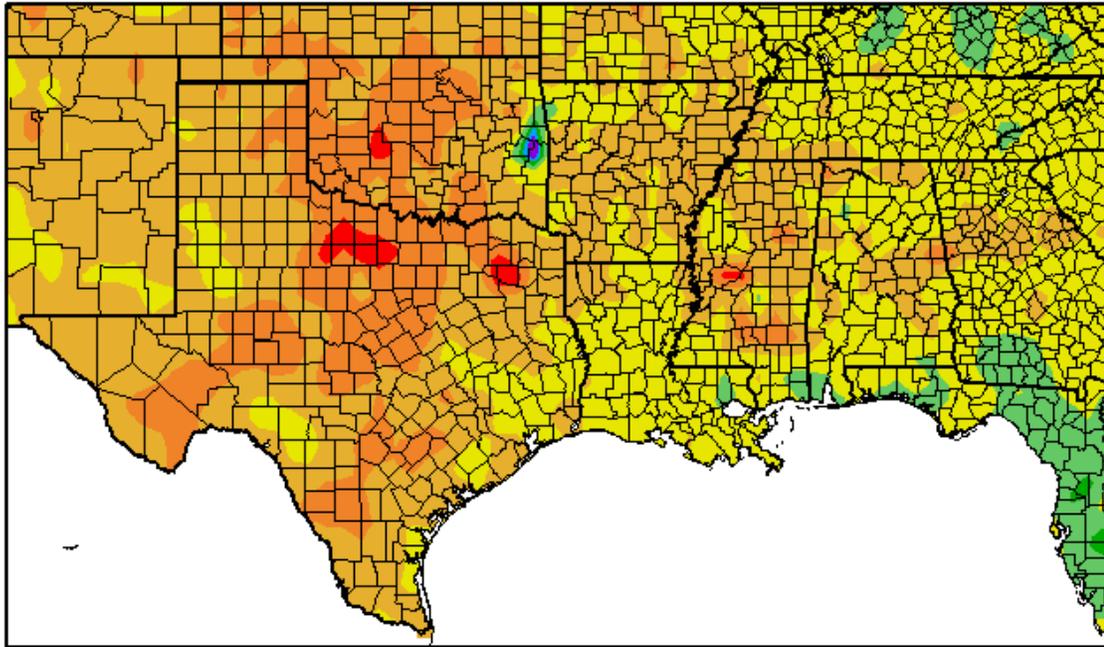


Figure 1: Rainfall departures for January 1st – October 31st (1981- 2010)

classified in severe drought. Areas southwest of a Brenham to Richmond to Freeport line have been considerably drier than communities to the north and several locations are suffering annual rainfall deficits greater than 15” (Figure 1).

Strong thunderstorms rolled through the region on October 6th. The storms brought locally heavy rain, high winds and small hail to the area. Trees were uprooted across parts of Harris County and minor flooding was reported near Nassau Bay and Pasadena.

Departure from Normal Temperature (F)
10/1/2014 – 10/31/2014



Generated 11/11/2014 at HPRCC using provisional data.

Regional Climate Centers

Figure 2: Temperature departure from 1981 -2010 normals (<http://www.hprcc.unl.edu/maps/>)

Temperatures were generally 1 to 2 degrees warmer than the 30 year normals (Figure 2) but only the City of Galveston established new daily high temperature records during the month. Galveston tied a record high on the 12th with a temperature of 86 degrees and established a new high temperature record on the 13th with a high temperature of 87 degrees.

**U.S. Drought Monitor
Texas**

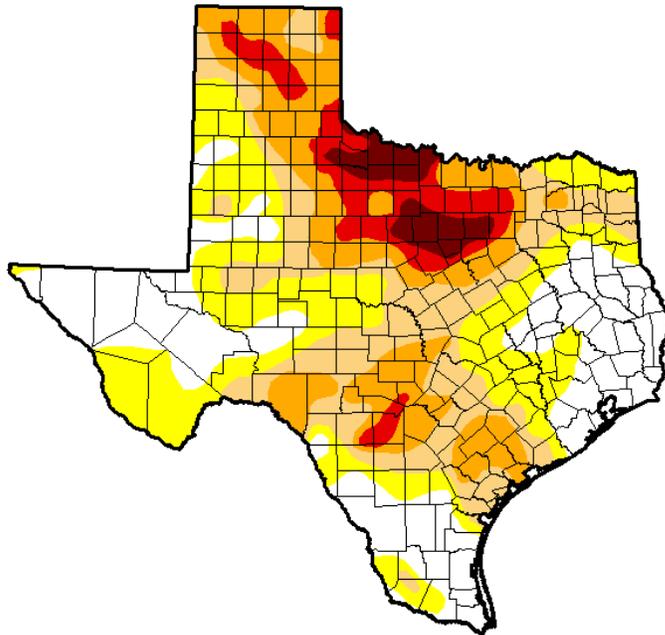
November 4, 2014

(Released Thursday, Nov. 6, 2014)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|------|
| Current | 26.33 | 73.67 | 48.48 | 28.39 | 10.81 | 3.62 |
| Last Week <i>10/28/2014</i> | 24.84 | 75.16 | 49.20 | 27.86 | 11.90 | 3.62 |
| 3 Months Ago <i>8/5/2014</i> | 17.20 | 82.80 | 56.88 | 35.52 | 13.67 | 2.85 |
| Start of Calendar Year <i>12/1/2013</i> | 28.48 | 71.52 | 43.84 | 21.15 | 5.82 | 0.79 |
| Start of Water Year <i>9/30/2014</i> | 28.92 | 71.08 | 48.95 | 29.54 | 11.26 | 2.69 |
| One Year Ago <i>11/5/2013</i> | 20.07 | 79.93 | 50.49 | 23.61 | 5.43 | 0.49 |



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.

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

Figure 3: Drought Monitor for November 4th (<http://droughtmonitor.unl.edu/>)

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