



February 2014 Climate Summary for SOUTHEAST TEXAS WFO Houston/ Galveston



February 2014 continued the January trend of cooler and drier than normal conditions across Southeast Texas. However, sporadic rainfall brought some relief from the developing drought conditions. Last month we looked at how overnight lows have been cold. Daytime temperatures have also struggled to warm to 50 degrees for a couple of days each month this winter. Most of Southeast Texas endured

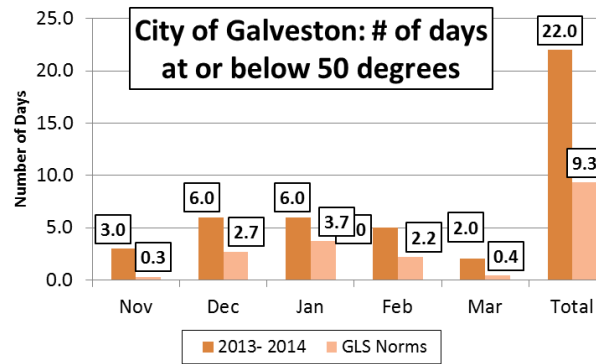
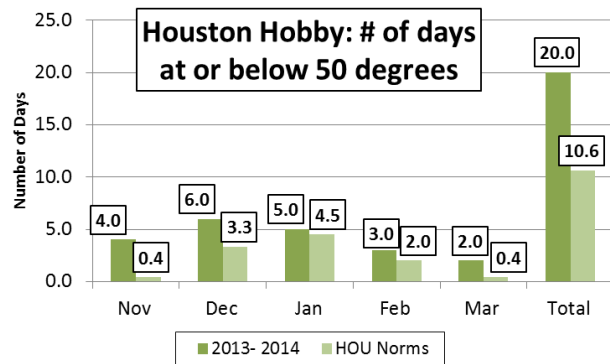
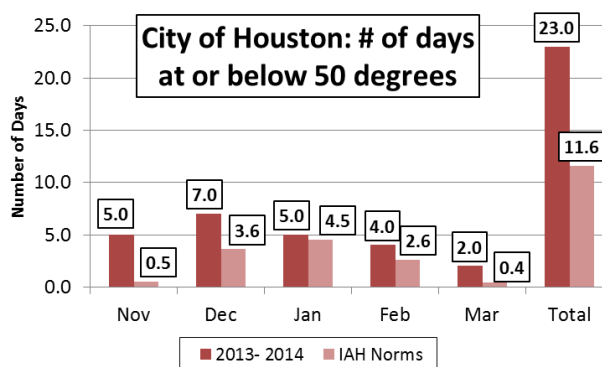
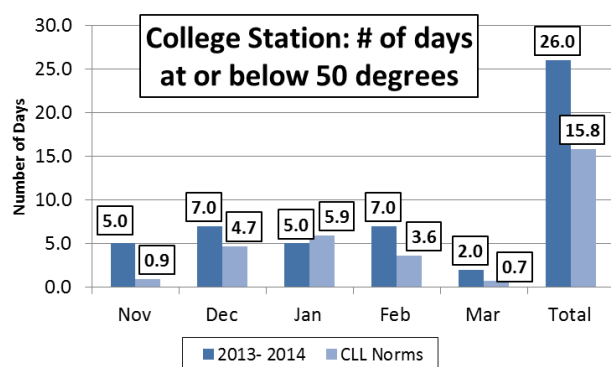


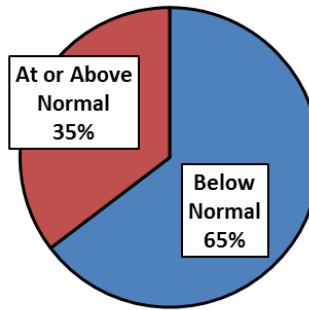
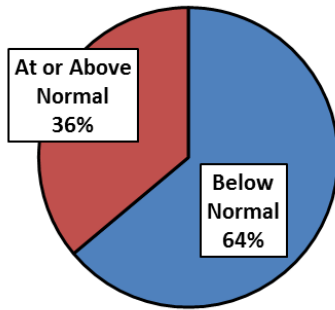
Figure 1: Number of days with High Temperatures at or below 50 degrees for November 1st – March 13th. Normals are for 1981- 2010)

double the usual number of days at or below 50 degrees for the period of November 1st through March 13th (Figure 1). The below normal temperatures over the last four months has not been fueled by a few extreme events but rather a consistent cold air mass. The period of November 1st through March 13th contains 133 days and out of those 133 days, approximately 85 of those days have been below normal. Below is a pie chart (Figure 2) showing the percentage of days below normal for the

Percent of Days with below and above normal temperatures (Nov. 1st – Mar. 13th)

College Station

City of Houston



Houston Hobby

Galveston

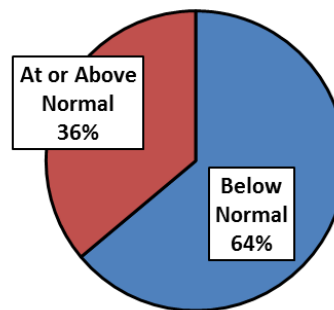
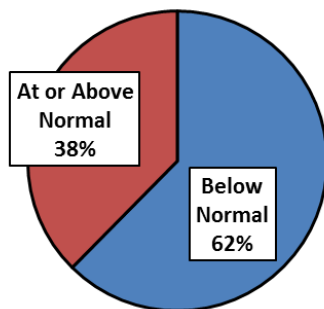


Figure 2: Percent of days with below and above normal temperatures for November 1st through March 13th

four first order climate sites.

Below is the rainfall departure for the month of February 2014. Most of the area was below normal for the month (yellow and orange shades) by an 1.00” where as to the east the area was above normal (green and purple shades).

Houston/Galveston, TX (HGX): February, 2014 Monthly Departure from Normal Precipitation
Valid at 3/1/2014 1200 UTC- Created 3/3/14 23:35 UTC

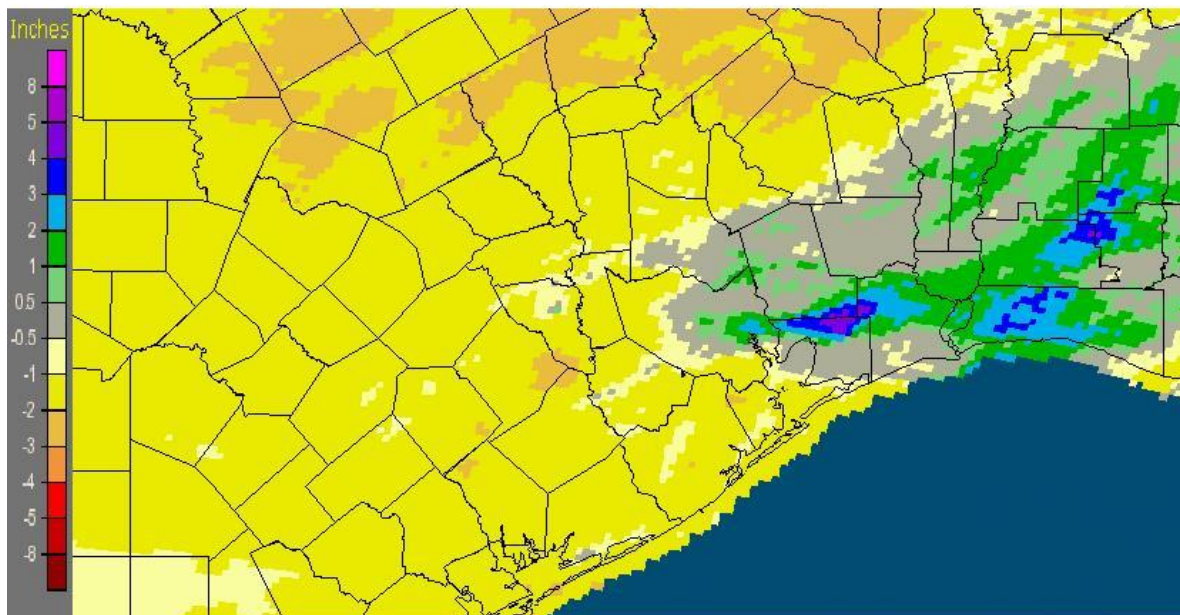


Figure 3: February 2014 monthly rainfall departure from normal.
(<http://water.weather.gov/precip/>)

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