



June 2013 Climate Summary for SOUTHEAST TEXAS WFO Houston/ Galveston



Temperatures in June started out near to slightly below normal but as the days increased, well so did the temperatures. The second half of June was well above normal and the last week of the month was a scorcher. 100 degree temperatures returned at the end of the month. The city of Houston recorded 107 degrees on June 29th which is the warmest temperature ever recorded in the month of June besting the

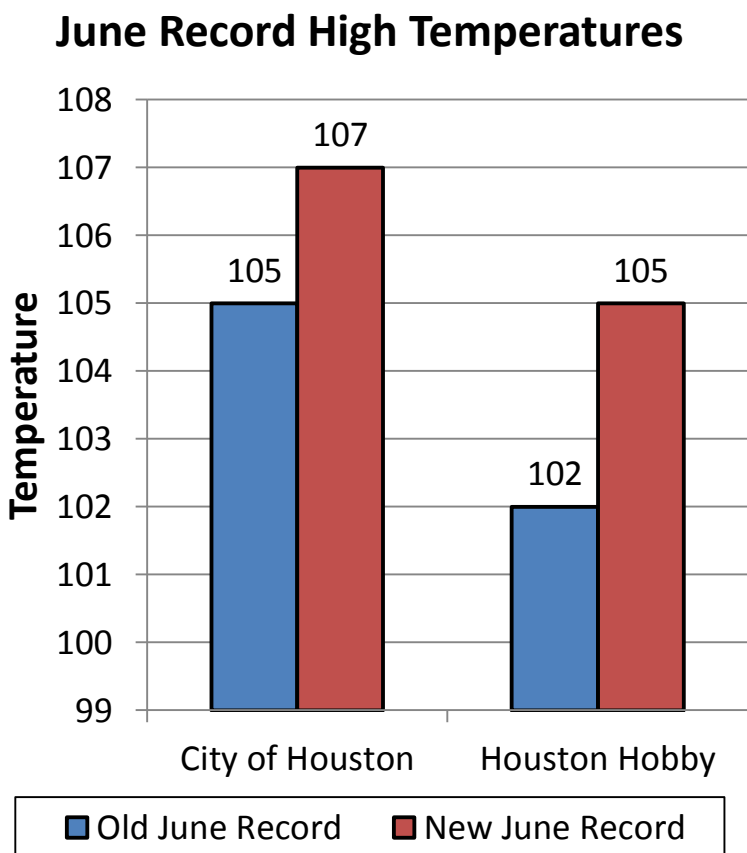


Figure 1: June record high temperatures

previous warmest June high temperature by two degrees. The previous warmest day in June was 105 degrees on June 26th 2012. Houston Hobby reached 105 degrees on the 29th which is also a new monthly record temperature breaking the old record of 102 degrees set on June 25th 2012 (see Figure 1). Other locations that established new monthly temperature records included: Palacious, Sugar Land, Tomball and the National Weather Service Office in League City. College Station ended the month with seven consecutive days at or above 99 degrees. Houston Hobby airport recorded two 100

degree days during Junes and this ties for the third most occurrences of 100 degree days trailing only 2009, 1998 and 2012.

Rainfall varied across the region during June. Overall, June was generally drier than normal with most locations receiving less than two inches of rain during the month (see Figure 2). Rainfall exceeded four inches at Houston Intercontinental Airport but the annual total is still a paltry

Houston/Galveston, TX (HGX): June, 2013 Monthly Observed Precipitation
Valid at 7/1/2013 1200 UTC- Created 7/3/13 21:37 UTC

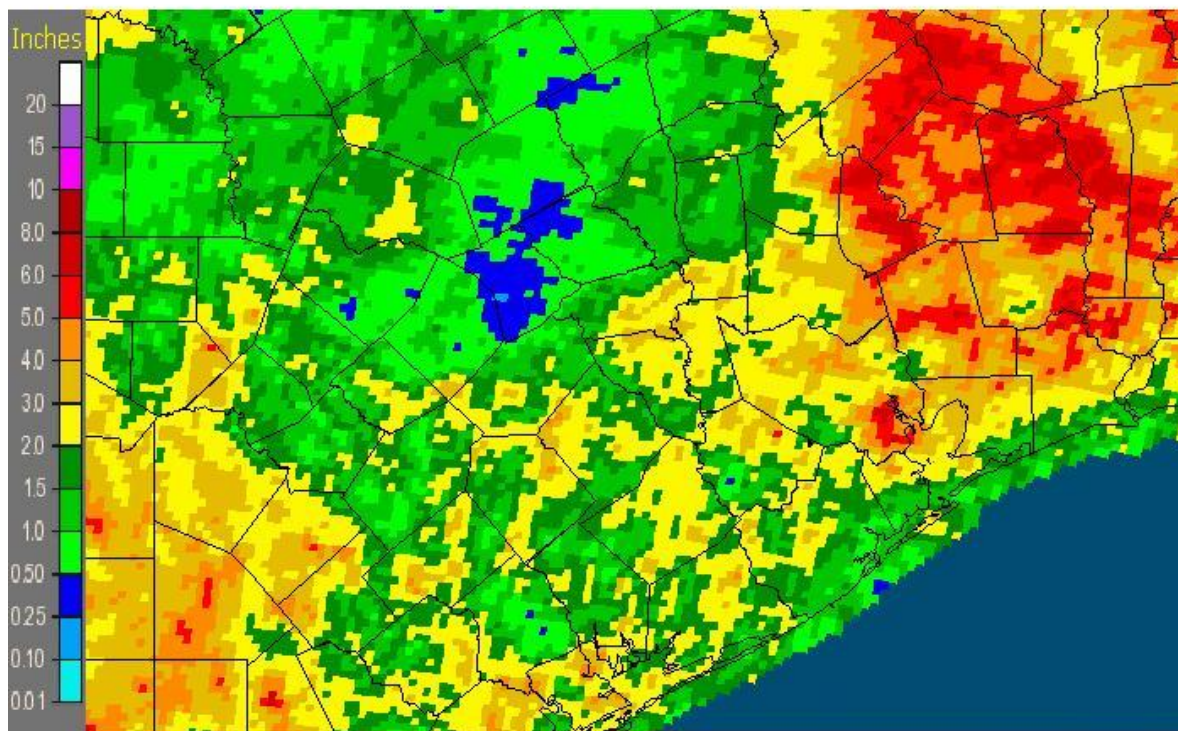


Figure 2: June 2013 monthly rainfall

13.78". This is the 6th driest start to any year in city history (see Figure 3). The driest start to a year (Jan 1st – Jun 30th) was 7.88" back in 2011.

Rain was recorded on June 2nd but severe weather was limited the first five days of June. Strong winds and large hail associated with a cluster of severe thunderstorms pounded the area on June 6th. The storms developed along an old outflow boundary extending from Brenham to Crockett. The storms moved south along the boundary and rapidly intensified. The stronger storms produced damaging winds that uprooted trees in Houston, Trinity and Polk counties. The storms also produced wind damage and large hail in Montgomery and Harris counties with tennis ball size hail reported north of Seabrook.

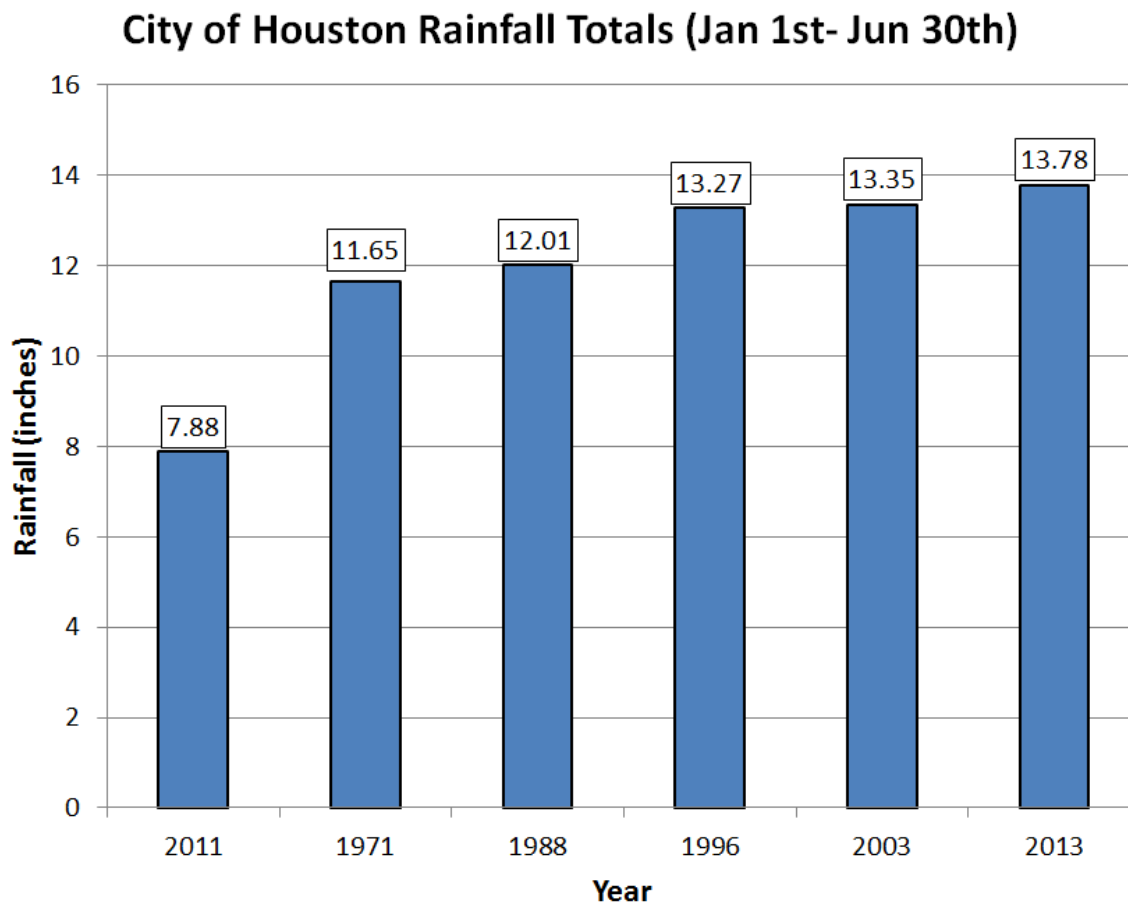


Figure 3: City of Houston six driest rainfall totals for Jan 1st – Jun 30th

