

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
 1000 PM CDT SUN NOV 3 2013

...OCTOBER 2013 RAINFALL BROUGHT DROUGHT RELIEF...

MUCH NEEDED RAINFALL HAS BROUGHT DROUGHT RELIEF ACROSS SOUTHEAST TEXAS DURING THE MONTH OF OCTOBER. THE IMPACT OF THE RAIN WAS ENHANCED BY TEMPERATURES AVERAGING OUT CLOSE TO NORMAL FOR THE MONTH AS WELL.

A SERIES OF FRONTAL SYSTEMS BROUGHT SEVERAL RAIN EPISODES AND HELPED TO LOWER THE DAILY AVERAGE TEMPERATURES THROUGHOUT THE MONTH. A COUPLE OF HEAVIER RAINFALL EVENTS BROUGHT THE BULK OF THE PRECIPITATION...ONE DURING THE MID MONTH AND THE OTHER AT THE END OF THE MONTH.

THE FIRST HALF OF THE MONTH DID SEE A COUPLE OF WARM EPISODES WITH AFTERNOON HIGHS REACHING INTO THE UPPER 80S AND LOWER 90S. A FRONTAL SYSTEM AROUND MID MONTH THEN BROUGHT AN END TO THE AREA WIDE SUMMER-LIKE TEMPERATURES AND AS A RESULT...THE LAST TWO AND A HALF WEEKS SAW THE COOLEST TEMPERATURES OF THE MONTH.

THE RESULTING RAINFALL AND COOLER CONDITIONS COMBINED TO HELP EASE DROUGHT CONDITIONS ACROSS ALL OF SOUTHEAST TEXAS. BY THE END OF THE MONTH...ONLY THE WESTERN COUNTIES WERE EXPERIENCING EITHER ABNORMALLY DRY OR MODERATE LONGTERM DROUGHT CONDITIONS. A SMALL LOCATION AROUND LAKE SOMERVILLE WAS CLASSIFIED AS SEVERE DROUGHT BY THE U.S. DROUGHT MONITOR ON THE 29TH OF OCTOBER. THIS WAS DUE MAINLY TO THE LOW LAKE LEVELS AT LAKE SOMERVILLE.

HERE ARE THE OCTOBER CLIMATE STATISTICS FOR THE FIRST AND SECOND-ORDER CLIMATE STATIONS. NOTE ABOVE NORMAL AVERAGE DAILY TEMPERATURES OCCURRED AT EVERY CLIMATE LOCATION. ALSO NOTE THAT THE AREAS WITH ABOVE NORMAL RAINFALL WERE LOCATED ALONG THE COAST NEAR MATAGORDA BAY AND ACROSS SPORADIC LOCATIONS OVER THE INLAND COUNTIES.

SITE	AVG HIGH	AVG LOW	AVG MONTH	DEP	RAIN	DEP
IAH	81.5	61.1	71.3	-0.2	7.08	+1.38
GLS	80.1	69.4	74.7	+0.4	6.85	+1.33
CLL	80.7	60.5	70.6	-0.2	9.10	+4.19
HOU	81.4	63.8	72.6	+0.5	9.79	+3.80
CXO	80.3	56.5	68.4	-0.4	6.93	+1.73
UTS	80.2	59.7	70.0	+0.5	8.22	+4.02
DWH	81.9	59.2	70.5	+0.4	10.71	+5.41
SGR	82.1	62.0	72.1	+1.3	8.17	+2.94
LBX	81.7	60.7	71.2	+0.4	6.97	+1.67
PSX	82.5	64.5	73.5	+1.0	5.28	+0.30
LVJ	82.4	63.3	72.9	+1.5	7.77	+2.31
HGX	81.2	62.5	71.9	+2.1	6.78	+0.85

AN UPDATE TO INCLUDE THE COOP DATE SITES WILL PROBABLY BE ISSUED
AROUND OR AFTER NOVEMBER 10TH.

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