

PUBLIC INFORMATION STATEMENT  
 NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX  
 230 PM CDT THU OCT 3 2013

...SEPTEMBER 2013 EXPERIENCED ABOVE NORMAL TEMPERATURES  
 CONTRASTED WITH SOME DROUGHT RELIEF...

ALTHOUGH A SERIES OF MAINLY WEAK COLD FRONTS TRAVERSED ACROSS  
 SOUTHEAST TEXAS DURING THE MONTH OF SEPTEMBER...THE AVERAGE DAILY  
 TEMPERATURES ENDED BEING ABOVE NORMAL AT ALL OF THE FIRST AND  
 SECOND-ORDER CLIMATE SITES. HOWEVER...MUCH NEEDED RAINFALL FELL  
 ACROSS MOST OF THE AREA AND HELPED EASE DROUGHT CONDITIONS BY THE  
 END OF THE MONTH.

MUCH NEEDED RAINFALL OF BETWEEN 3 AND 7 INCHES HELPED EASE THE  
 DROUGHT CONDITIONS ACROSS SOUTHEAST TEXAS. EVEN WITH THE RELATIVELY  
 HIGH AMOUNTS...5 OUT OF THE 7 CLIMATE SITES STILL ENDED THE MONTH  
 WITH BELOW NORMAL RAINFALL. THE U.S. DROUGHT MONITOR RELEASED ON  
 OCTOBER 1ST FOUND THAT THE MODERATE TO SEVERE DROUGHT CONDITIONS  
 IN AUGUST HAD EASED BY THE END OF SEPTEMBER. ABNORMALLY DRY  
 CONDITIONS WERE FOUND ACROSS JACKSON AND MATAGORDA COUNTIES AND  
 ACROSS THOSE COUNTIES ALONG AND EAST OF A LINE FROM CROCKETT TO  
 BAYTOWN. ELSEWHERE MODERATE DROUGHT CONDITIONS WERE REPORTED WITH  
 SOME SEVERE DROUGHT OVER PORTIONS OF WASHINGTON...AUSTIN...AND  
 NORTHERN COLORADO COUNTIES.

A MAJOR CONTRIBUTOR TO THE VERY WARM TEMPERATURES WAS THE VERY HOT  
 FIRST WEEK OF THE MONTH. THERE WERE 8 REPORTS OF 100 DEGREE HIGH  
 TEMPERATURES DURING THIS TIME AT THE MAJOR CLIMATE SITES. ANOTHER  
 6 DAYS OF 100 DEGREE TEMPERATURES CAN BE ADDED FROM THE UNOFFICAL  
 SITE LOCATED AT BRENHAM WHICH RECORDED A DAILY HIGH OF 100 ON THE  
 1ST AND 6TH...101 ON THE 2ND AND 5TH...AND 102 ON THE 3RD AND 4TH.  
 ALTHOUGH THE FIRST FRONT OF THE MONTH DID BRING A MUCH COOLER  
 WEATHER PATTERN BY THE 7TH...MOST OF THE REMAINDER OF THE MONTH  
 SAW DAYTIME HIGH TEMPERATURES REACH BACK INTO THE 90S. EVEN THOUGH  
 RELIEF FROM THE HOT CONDITIONS ARRIVED BY THE END OF THE MONTH...  
 SEPTEMBER STILL ENDED UP BEING ONE OF THE TOP TEN WARMEST MONTHS  
 ON RECORD.

THE FOLLOWING TABLE SHOWS A COMPARISON OF THE TOP FIVE WARMEST  
 SEPTEMBERS ON RECORD FOR THE FIRST-ORDER CLIMATE SITES. PLEASE  
 NOTE THAT THE INDIVIDUAL RECORDING SITE FOR THE CITIES OF  
 HOUSTON...GALVESTON...AND COLLEGE STATION HAS CHANGED OVER THE  
 YEARS. THE DATA SHOWS THAT SEPTEMBER 2013 BECAME THE 5TH WARMEST  
 AT THE CITY OF HOUSTON...10TH FOR THE CITY OF GALVESTON...5TH AT  
 THE CITY OF COLLEGE STATION...AND 2ND FOR HOBBY AIRPORT.

RANK	HOUSTON		GALVESTON		COLLEGE STN		HOBBY ARPT	
	AVE T	YEAR	AVE T	YEAR	AVE T	YEAR	AVE T	YEAR
1	83.4	2005	84.1	1900	85.0	2005	84.5	2005
2	83.2	1980	83.8	1933	84.5	1911	83.0	2013

3	82.9	2011	83.6*	1998	83.4	2011	82.9	1998
4	82.7	1911	83.6*	1911	83.3	1933	82.8	2011
5	82.5	1933	83.3	1884	83.2*	2013	82.3*	2007
6	82.4*	2013	83.2	1926	83.2*	1931	82.3*	1980
7	82.4*	1962	83.1	1986	82.7#	1926	82.3*	1972
8	82.2#	1998	83.0*	2007	82.7#	1921	82.2	1986
9	82.2#	1954	83.0*	2004	82.6	1905	82.0	1977
10	82.0	1900	82.8	2013	82.3	1910	81.6	2004

NOTE...THE \* AND # SYMBOLS DENOTE A TIE WITH AN ADJOURNING YEAR.

HERE ARE THE SEPTEMBER 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	91.8	73.0	82.4	+2.6	5.09	+0.97
GLS	87.9	77.7	82.8	+1.2	5.06	-0.97
CLL	94.1	72.4	83.2	+3.2	5.19	+2.01
HOU	90.8	75.1	83.0	+2.9	5.95	+0.74
CXO	92.0	68.6	80.3	+2.9	6.56	+2.72
UTS	92.2	71.1	81.6	+3.4	5.22	+1.51
DWH	93.4	71.5	82.4	+4.4	3.42	-1.15
SGR	92.7	73.4	83.1	+4.2	3.12	-1.40
LBX	88.9	72.1	80.5	+2.0	4.08	-1.90
PSX	89.9	74.8	82.3	+2.3	6.87	+1.74
LVJ	91.3	74.7	83.0	+4.0	3.72	-1.54
HGX	89.6	73.9	81.8	+3.8	7.22	+0.05

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

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