

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
643 AM CDT WED OCT 1 2014

...WARMER WITH A MIX OF WETTER AND DRIER THAN NORMAL CONDITIONS...

SEPTEMBER 2014 ENDED SLIGHTLY WARMER THAN NORMAL ACROSS SOUTHEAST TEXAS. TWO FRONTAL PASSAGES BROUGHT ENOUGH RAINFALL TO HELP EASE THE YEAR-TO-DATE RAINFALL DEFICITS AT MOST OF THE CLIMATE SITES. SEVEN SITES EVEN ENDED SEPTEMBER WITH ABOVE NORMAL MONTHLY RAINFALL. EVEN SO...9-MONTH DOUBLE DIGIT RAINFALL DEFICITS WERE STILL BEING EXPERIENCED ALONG THE COASTAL COUNTIES.

NONE OF THE FIRST-ORDER CLIMATE SITES RECORDED A 100-DEGREE DAY IN SEPTEMBER. WITH THE ARRIVAL OF AUTUMN ON THE 22ND...THIS MEANS THE SUMMER ENDED WITHOUT A RECORDED 100-DEGREE DATE FOR ALL FOUR SITES IN 2014. ALTHOUGH HOBBY AIRPORT AND THE CITY OF GALVESTON RECORD MORE YEARS WITHOUT A 100-DEGREE DATE...1983 WAS THE LAST YEAR THAT ALL FOUR LOCATIONS FAILED TO REACH AT LEAST 100 DEGREES IN THE SAME YEAR. THE FOLLOWING LIST GIVES THE LAST YEAR WITHOUT A 100-DEGREE DATE FOR THE FIRST-ORDER CLIMATE SITES.

CITY OF HOUSTON.....1997
COLLEGE STATION.....2004
CITY OF GALVESTON...2013
HOUSTON HOBBY.....2010

VERY DRY CONDITIONS HAVE PERSISTED SINCE THE BEGINNING OF THE YEAR WEST OF THE COLORADO RIVER. FOR EXAMPLE...THE SECOND-ORDER CLIMATE SITE AT PALACIOS HAS ONLY RECORDED THREE DAYS SINCE JANUARY 1ST WITH A DAILY RAINFALL OF 1 INCH OR MORE...1.00 ON MARCH 4TH...1.06 ON MAY 13TH...AND 1.29 ON JUNE 26TH. THE FOLLOWING TABLE LISTS THE U.S. DROUGHT MONITOR INDICES AS OF SEPTEMBER 23RD FOR THE NWS HOUSTON COUNTY WARNING AND FORECAST AREA...

COUNTY	U.S. DROUGHT MONITOR INDEX
AUSTIN	D-0 NORTHWEST BORDER
BURLESON	D-0 WESTERN BORDER
COLORADO	D-0 WESTERN TWO-THIRDS
JACKSON	D-2 FAR SOUTHWEST AND D-1 CENTRAL AND EAST
MATAGORDA	D-0 FAR WEST
WASHINGTON	D-0 FAR WEST
WHARTON	D-0 FAR WEST

NOTES...

INDEX	INTENSITY
D-0	ABNORMALLY DRY
D-1	MODERATE DROUGHT
D-2	SEVERE DROUGHT

THE FOLLOWING IS A LIST OF SOME HIGH AND LOW EXTREMES RECORDED AT THE FIRST- AND SECOND-ORDER CLIMATE SITES. NOTE THESE ARE THE LAST DATE OF OCCURRENCE FOR EACH SITE. SEE THE TABLE FOLLOWING THIS LIST FOR MORE DETAILS.

- WARMEST DAILY MAXIMUM TEMPERATURE...98 AT CLL ON THE 4TH
- COLDEST DAILY MINIMUM TEMPERATURE...54 AT UTS ON THE 24TH
- WARMEST DAILY AVERAGE TEMPERATURE...88 AT GLS ON THE 4TH
88 AT PSX ON THE 11TH
- COOLEST DAILY AVERAGE TEMPERATURE...66 AT CLL ON THE 13TH

- HIGHEST DAILY RAINFALL.....4.26 AT CLL ON THE 12TH

THE FOLLOWING TABLE GIVES INDIVIDUAL SITE TEMPERATURE AND RAINFALL EXTREMES FOR THE MONTH MEASURED AT THE FIRST- AND SECOND-ORDER CLIMATE STATIONS...

SEPTEMBER 2014 DATA

SITE	DAILY MAX		DAILY MIN		DAILY AVERAGE TEMP				MAX RNFALL	
	TMP	DATES	TMP	DATES	MAX	DATES	MIN	DATES	PCPN	DATES
IAH	97	11	64	24**	87	11#	71	14	2.31	18
GLS	92	4	68	14	88	4	73	14	2.07	18
CLL	98	10*	60	24	87	11#	66	13	4.26	12
HOU	96	11	66	23**	87	11#	72	14	1.52	18
CXO	97	6	58	24	85	4#	71	13	1.42	18
UTS	97	11	54	24	87	11#	68	13	0.42	18
DWH	96	11*	62	24	86	11#	72	14##	2.40	18
SGR	97	11	65	24**	87	11	73	14	2.18	19
LBX	93	8	63	23	85	10#	71	14	1.73	18
PSX	93	11*	64	24	88	11	74	14	0.97	13
LVJ	97	11	66	23**	87	11	72	14	1.95	17
HGX	93	11*	66	24	86	10#	72	14	2.38	18

NOTES...THE LAST DATE OF OCCURRENCE IS NOTED IN THE TABLE. OTHER DATES THAT TIED ARE AS FOLLOWS...

* FOR HIGH TEMPERATURES...

- CLL - 3RD
- DWH - 10TH
- PSX - 3RD AND 5TH
- HGX - 3RD...4TH...9TH...AND 10TH

** FOR LOW TEMPERATURES...

- IAH - 23RD
- HOU - 14TH
- SGR - 23RD
- LVJ - 14TH

FOR MAX DAILY AVERAGE TEMPERATURES...

- IAH - 10TH
- CLL - 2ND...3RD...AND 10TH
- HOU - 4TH
- CXO - 2ND
- UTS - 10TH
- DWH - 2ND AND 10TH
- LBX - 6TH
- HGX - 2ND AND 4TH

FOR MIN DAILY AVERAGE TEMPERATURES...

- DWH - 13TH

THE FOLLOWING TABLE LISTS THE PRELIMINARY MONTHLY TEMPERATURE AND RAINFALL DATA FOR THE FIRST- AND SECOND-ORDER CLIMATE SITES ACROSS SOUTHEAST TEXAS...

SEPTEMBER 2014 DATA

SITE	AVE	AVE	MONTHLY AVE		MONTHLY		YEAR-TO-DATE	
	HIGH	LOW	DAILY	DEP	RAIN	DEP	RAIN	DEP

IAH	89.2	72.0	80.6	+0.8	3.88	-0.24	31.77	-4.22
GLS	86.2	76.9	81.6	0.0	6.11	+0.08	22.36	-14.85
CLL	90.0	71.1	80.6	+0.6	6.57	+3.39	29.34	+0.64
HOU	88.3	73.8	81.0	+0.9	4.99	-0.22	29.52	-10.79
CXO	89.1	68.8	78.9	+1.5	3.50	-0.34	29.95	-4.06
UTS	89.6	69.6	79.6	+1.4	0.81	-2.90	27.15	-5.90
DWH	89.3	71.5	80.4	+2.4	5.42	+0.85	31.56	-5.10
SGR	89.1	73.1	81.1	+2.2	8.22	+3.70	39.15	+3.09
LBX	87.1	72.0	79.6	+1.1	6.09	+0.11	28.63	-8.63
PSX	88.4	74.5	81.4	+1.4	3.53	-1.60	14.74	-18.13
LVJ	88.6	73.6	81.1	+2.1	6.41	+1.51	28.05	-10.31
HGX	86.4	72.9	79.7	+1.8	9.19	+2.02	33.90	-8.03