

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
403 PM CDT FRI AUG 1 2014

...JULY 2014 ENDED SLIGHTLY COOLER AND DRIER THAN NORMAL...

A SUM OF THE AVERAGE TEMPERATURE DEPARTURES ACROSS SOUTHEAST TEXAS SHOWS THAT THE MONTH OF JULY ENDED UP SLIGHTLY COOLER THAN NORMAL. CONVECTIVE RAINFALL EVENTS BROUGHT A MIX OF DRIER AND WETTER THAN NORMAL CONDITIONS...ALTHOUGH ONLY FOUR OF THE CLIMATE SITES RECEIVED WETTER THAN NORMAL RAINFALL.

ONE UNUSUAL FACT FOR THE YEAR THROUGH JULY 31ST IS THAT NONE OF THE FOUR FIRST-ORDER CLIMATE SITES HAVE YET TO HIT THE 100 DEGREE MARK. HOW ODD IS THIS? FOR THE 30-YEAR PERIOD OF 1981 TO 2010...COLLEGE STATION NORMALLY REACHES 100 DEGREES BY JULY 21ST WITH THE AVERAGE NUMBER OF 100-DEGREE DAYS BEING 5.7 DAYS THROUGH JULY 31ST. THE CITY OF HOUSTON NORMALLY EXPERIENCES A 100 DEGREE DATE BY JULY 24TH...WITH THE AVERAGE BEING 1.8 THROUGH JULY 31ST.

EVEN THOUGH BELOW NORMAL RAINFALL WAS RECORDED AT MOST OF THE CLIMATE SITES...HEAVIER RAINFALL FELL OVER COLLEGE STATION...HUNTSVILLE... INTERCONTINENTAL AIRPORT...AND LEAGUE CITY. THE AVERAGE RAINFALL DEPARTURES FOR THESE SITES RANGED FROM +0.53 TO +4.58 INCHES. DRIEST CONDITIONS WERE EXPERIENCED ALONG THE COASTAL AREAS...ESPECIALLY BETWEEN SUGAR LAND AND PALACIOS. OVERALL RAINFALL AMOUNTS WERE ENOUGH TO EASE MOST OF SOUTHEAST TEXAS OUT OF DROUGHT. HOWEVER...THE JULY 31ST DROUGHT MONITOR REPORTED ABNORMALLY DRY CONDITIONS ACROSS BURLESON...NORTHERN AUSTIN...WESTERN COLORADO...MOST OF JACKSON...AND MOST OF MATAGORDA COUNTIES. MODERATE DROUGHT CONDITIONS WERE REPORTED NEAR MATAGORDA BAY ACROSS FAR SOUTHERN JACKSON AND WESTERN MATAGORDA COUNTIES.

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

- WARMEST DAILY AVERAGE TEMPERATURE...88 AT IAH ON THE 28TH
88 AT GLS ON THE 27TH
88 AT PSX ON THE 31ST
- COOLEST DAILY AVERAGE TEMPERATURE...76 AT CLL ON THE 18TH
76 AT UTS ON THE 19TH
- COLDEST DAILY MINIMUM TEMPERATURE...68 AT CXO ON THE 30TH
68 AT UTS ON THE 20TH
- WARMEST DAILY MAXIMUM TEMPERATURE...99 AT IAH ON THE 28TH
- HIGHEST DAILY RAINFALL.....4.55 AT CLL ON THE 17TH

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

SITE	DAILY MAX		DAILY MIN		DAILY AVERAGE TEMP		MAX RNFALL			
	TMP	DATES	TMP	DATES	MAX DATES	MIN DATES	PCPN	DATES		
IAH	99	28	72	30**	88	28	79	19	3.97	31

GLS	94	29	75	19	88	27	81	19##	0.70	18
CLL	97	28*	69	20	87	27#	76	18	4.55	17
HOU	97	28	73	6	87	28#	81	19##	0.43	23
CXO	96	28	68	30**	86	28	77	19	0.74&	18
UTS	96	14*	68	20	87	14	76	19##	1.67	17
DWH	96	28*	71	4	87	21	79	19	1.14	31
SGR	98	28	71	11	87	27#	81	6##	0.91	24
LBX	95	29	69	12**	84	29#	80	11##	2.12	20
PSX	93	25*	71	4	88	31#	81	18##	1.00	4
LVJ	97	28	74	19**	87	29#	81	18	1.17	23
HGX	97	28	69	3	87	28	78	18	2.42	23

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

* FOR HIGH TEMPERATURES...

CLL - 9TH...13TH...14TH...AND 27TH
 UTS - 9TH
 DWH - 21ST...25TH...AND 27TH
 PSX - 21ST

** FOR LOW TEMPERATURES...

IAH - 4TH...6TH...11TH...AND 19TH
 CXO - 6TH AND 11TH
 LBX - 9TH AND 11TH
 LVJ - 2ND...3RD...6TH...9TH...11TH...AND 12TH

FOR MAX DAILY AVERAGE TEMPERATURES...

CLL - 14TH
 HOU - 21ST AND 22ND
 SGR - 20TH AND 21ST
 LBX - 20TH...21ST...AND 22ND
 PSX - 21ST
 LVJ - 21ST AND 28TH

FOR MIN DAILY AVERAGE TEMPERATURES...

GLS - 18TH
 HOU - 6TH AND 18TH
 UTS - 18TH
 SGR - 5TH
 LBX - 6TH AND 9TH
 PSX - 6TH AND 10TH

& FOR MAX RAINFALL

CXO - 17TH

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

JULY 2014 DATA

SITE	AVE		MONTHLY AVE		MONTHLY		YEAR-TO-DATE	
	HIGH	LOW	DAILY	DEP	RAIN	DEP	RAIN	DEP
IAH	93.1	74.3	83.7	-0.7	5.40	+1.61	26.65	-1.46
GLS	90.2	79.3	84.8	+0.3	1.08	-2.72	11.30	-15.49

CLL	92.8	73.6	83.2	-1.5	6.72	+4.58	22.36	-0.48
HOU	92.2	75.6	83.9	+0.1	1.26	-3.40	21.08	-8.96
CXO	91.3	71.5	81.4	-1.2	2.91	-0.52	26.05	+0.92
UTS	91.8	73.4	82.6	-1.5	4.40	+1.02	25.62	-0.36
DWH	92.5	74.0	83.2	+1.1	3.42	-0.42	25.77	-1.62
SGR	93.4	74.5	84.0	+0.4	2.68	-1.68	23.80	-3.60
LBX	90.9	72.3	81.6	-0.7	4.21	-0.35	18.37	-9.28
PSX	90.6	77.9	84.3	+0.3	1.75	-3.01	9.46	-15.32
LVJ	92.4	75.7	84.0	+1.0	3.00	-1.71	19.07	-9.68
HGX	91.2	74.7	82.9	+0.9	5.11	+0.53	22.28	-7.31

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