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WRKPNS

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
1100 AM CST MAR 6 2013

...A WARMER THAN NORMAL FEBRUARY IS ACCOMPANIED BY BELOW NORMAL RAINFALL...

AN ACTIVE WEATHER PATTERN CONTINUED FROM JANUARY INTO FEBRUARY ACROSS SOUTHEAST TEXAS. HOWEVER...THIS ACTIVE PATTERN MOVED SLIGHTLY TO THE NORTH DURING THE LATTER HALF OF THE MONTH. RAINFALL DID ACCOMPANY A SERIES OF COLD FRONTS...YET THE MONTH ENDED WITH BELOW NORMAL AMOUNTS AT ALL BUT ONE OF THE FIRST AND SECOND-ORDER CLIMATE SITES.

FOR THE SECOND MONTH IN A ROW FOR 2013...ABOVE NORMAL TEMPERATURES AFFECTED THE AREA. ALL OF THE FIRST AND SECOND ORDER STATIONS RECORDED DEPARTURES BETWEEN 1 AND 4.5 DEGREES ABOVE NORMAL. TAKING THESE IN ACCOUNT WITH THE BELOW NORMAL RAINFALL...ABNORMALLY DRY TO MODERATE DROUGHT CONDITIONS HAVE INCREASED ACROSS SOUTHEASTERN TEXAS. THE U.S. DROUGHT MONITOR RELEASED ON FEBRUARY 26TH SHOWED THAT MODERATE DROUGHT CONDITIONS WERE COMMON ALONG AND NORTHWEST OF A LINE FROM COLUMBUS TO CONROE TO LIVINGSTON. DRIEST CONDITIONS WERE FOUND ACROSS WASHINGTON COUNTY AND THE SOUTHERN HALF OF GRIMES COUNTY.

FOR THE SECOND YEAR IN A ROW...FEBRUARY EXPERIENCED ABOVE NORMAL MONTHLY AVERAGE TEMPERATURES. IN CONTRAST TO LAST MONTH WHERE THE INCREASE WAS DUE IN PART TO WARMER THAN NORMAL AVERAGE MINIMUM TEMPERATURES...THIS MONTH EXPERIENCED AN INCREASE IN BOTH THE DAILY MINIMUM AND MAXIMUM TEMPERATURES OVER THE 30-YEAR AVERAGE. THE FOLLOWING THREE TABLES SHOW THE SHORT-TERM TRENDS OVER THE PAST THREE YEARS FOR THE MONTH OF FEBRUARY.

THIS TABLE SHOWS MONTHLY AVERAGE TEMPERATURES FOR FEBRUARY COMPARED TO THE 30-YEAR NORMAL SINCE 2011 WITH DEPARTURES FOR THE FOUR FIRST-ORDER CLIMATE SITES.

SITE	NORMAL	AVE TEMP		AVE TEMP		AVE TEMP	
		2011	DEP	2012	DEP	2013	DEP
IAH	56.4	55.0	-1.4	60.1	+3.7	58.4	+2.0
HOU	57.3	56.8	-0.5	60.6	+3.3	60.4	+3.1
CLL	54.6	54.6	0.0	57.9	+3.3	57.6	+3.0
GLS	57.6	53.6	-4.0	60.6	+3.0	62.0	+4.4

THE FOLLOWING TABLE SHOWS MONTHLY AVERAGE MINIMUM TEMPERATURES COMPARED TO THE 30-YEAR NORMAL SINCE 2011 WITH DEPARTURES FOR THE FOUR FIRST-ORDER CLIMATE SITES.

SITE	NORMAL	AVE MIN TEMP	AVE MIN TEMP	AVE MIN TEMP
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		2011	DEP	2012	DEP	2013	DEP
IAH	46.5	43.5	-3.0	52.4	+5.9	47.9	+1.4
HOU	48.5	46.5	-2.0	53.7	+5.2	51.1	+5.6
CLL	44.4	42.8	-1.6	49.7	+5.3	47.2	+2.8
GLS	50.9	46.2	-4.7	55.5	+4.6	56.0	+5.1

THE FOLLOWING TABLE SHOWS MONTHLY AVERAGE HIGH TEMPERATURES COMPARED TO THE 30-YEAR NORMAL SINCE 2010 WITH DEPARTURES FOR THE FOUR FIRST-ORDER CLIMATE SITES.

SITE	NORMAL	AVE MAX TEMP		AVE MAX TEMP		AVE MAX TEMP	
		2011	DEP	2012	DEP	2013	DEP
IAH	66.3	66.5	+0.2	67.7	+1.4	68.9	+2.6
HOU	66.0	67.0	+1.0	67.4	+1.4	69.6	+3.6
CLL	64.8	66.5	+1.7	66.2	+1.4	68.0	+3.2
GLS	64.3	61.0	-3.3	65.6	+1.3	68.0	+3.7

NOW FOR THE GENERAL MONTHLY CLIMATE DATA...THE FOLLOWING TABLE LISTS THE MONTHLY CLIMATE DATA FOR THE FIRST AND SECOND-ORDER CLIMATE SITES IN THE NWS HOUSTON/GALVESTON COUNTY WARNING AREA FOR THE MONTH OF FEBRUARY.

SITE	AVG	AVG	AVG	DEP	RAIN	DEP
	HIGH	LOW	MONTH			
IAH	68.9	47.9	58.4	+2.0	1.32	-1.88
GLS	68.0	56.0	62.0	+4.4	2.24	-0.33
CLL	68.0	47.2	57.6	+3.0	1.10	-1.75
HOU	69.6	51.1	60.4	+3.1	1.63	-1.58
CXO	66.8	42.9	54.8	+1.1	4.47	+1.21
UTS	65.9	45.6	55.8	+1.3	1.22	-1.84
DWH	69.2	46.8	58.0	+2.9	2.42	-0.61
SGR	69.8	48.6	59.2	+3.2	1.32	-1.90
LBX	69.4	47.8	58.6	+1.9	1.31	-1.63
PSX	71.4	51.9	61.6	+4.4	1.64	-0.71
LVJ	68.5	49.5	59.0	+2.2	2.10	-1.08
HGX	68.2	48.7	58.4	+2.3	2.03	-0.88

HERE ARE SOME FEBRUARY TEMPERATURE AND RAINFALL TOTALS AVAILABLE FROM THE HOUSTON/GALVESTON AREA NETWORK OF CO-OP OBSERVERS THAT HAVE REPORTED AS OF MARCH 6TH.

LOCATION	RAINFALL (INCHES)	AVERAGE HIGH TEMPERATURE	AVERAGE LOW TEMPERATURE
ANAHUAC	2.28	72.9	51.0

ANGLETON	1.85	73.8	55.6
BAYTOWN	3.18	68.2	47.7
BELLVILLE 6NNE	1.74	68.0	45.4
CLEVELAND	3.07	68.6	44.0
CONROE	2.78	66.5	46.2
CROCKETT	2.37	65.4	42.3
EAGLE LAKE	1.58	68.2	45.6
EL CAMPO	1.51	69.4	46.0
FREEPORT	1.57	70.0	51.3
HOUSTON WFO	2.03	68.2	48.7
LIBERTY	2.34	68.7	48.0
MADISONVILLE	1.53	65.9	40.6
WASHINGTON SP	2.20	69.4	41.8

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