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WRKPNS

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
800 AM CST THU FEB 14 2013

...JANUARY STARTS 2013 OUT WITH ABOVE NORMAL TEMPERATURES...

AN ACTIVE PATTERN ALOFT BROUGHT MUCH NEEDED RAINFALL TO SOUTHEAST TEXAS IN JANUARY. HOWEVER...ALL FIRST AND SECOND ORDER CLIMATE STATIONS REPORTED ABOVE NORMAL AVERAGE TEMPERATURES.

EVEN WITH THE RAINFALL...MOST OF THE CLIMATE SITES RECEIVED BELOW NORMAL AMOUNTS FOR THE MONTH. THE FIRST HALF OF THE MONTH EXPERIENCED A SERIES OF FRONTS WHICH BROUGHT LIMITED BUT WIDESREAD RAINFALL. EVEN THOUGH MOST OF THE SECOND HALF WAS DRIER...THE MONTH DID END WITH AN AREAWIDE RAINFALL EPISODE. BECAUSE OF THE BELOW NORMAL RAINFALL... THE DROUGHT MONITOR CONTINUED TO RECORD ABNORMALLY DRY TO MODERATE DROUGHT CONDITIONS ACROSS THE NWS HOUSTON/GALVESTON COUNTY WARNING AREA. DRIEST CONDITIONS WERE FOUND TO BE LOCATED MAINLY ALONG AND NORTHWEST OF A LINE FROM COLUMBUS TO CONROE TO LIVINGSTON.

FOR THE SECOND YEAR IN A ROW...JANUARY EXPERIENCED ABOVE NORMAL MONTHLY AVERAGE TEMPERATURES. THIS HAS BEEN DUE IN LARGE PART TO A DRASTIC INCREASE IN THE MONTHLY AVERAGE LOW TEMPERATURES. FOR EXAMPLE...IAH HAS A NORMAL JANUARY LOW TEMPERATURE OF 43.2...YET THE AVERAGE FOR 2012 WAS 47.8 AND THIS YEAR WAS 45.8. THIS IS AN INCREASE OF 6.6 AND 2.6 DEGREES ABOVE NORMAL RESPECTIVELY. THE FOLLOWING THREE TABLES SHOW THE SHORT TERM TRENDS OVER THE PAST FOUR YEARS FOR THE MONTH OF JANUARY. NOTE THAT 2012 WAS UNUSUALLY WARM WITH THE DEPARTURES FOR THE FOUR FIRST-ORDER CLIMATE STATIONS RANGING FROM OVER 4.5 TO ALMOST 6 DEGREES ABOVE NORMAL FOR THE MONTHLY AVERAGE TEMPERATURES ALONE.

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

SITE	NORMAL	AVE TEMP		AVE TEMP		AVE TEMP		AVE TEMP	
		2010	DEP	2011	DEP	2012	DEP	2013	DEP
IAH	53.1	49.0	-4.1	51.3	-1.8	58.8	+5.7	55.5	+2.4
HOU	54.1	50.0	-4.1	53.5	-0.6	59.7	+5.6	56.4	+2.3
CLL	51.1	48.0	-3.1	49.9	-1.2	55.8	+4.7	53.8	+2.7
GLS	55.2	50.4	-4.8	52.0	-3.2	61.1	+5.9	57.0	+1.8

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

SITE	NORMAL	AVE TEMP		AVE TEMP		AVE TEMP		AVE TEMP	
		2010	DEP	2011	DEP	2012	DEP	2013	DEP
IAH	43.2	39.0	-4.2	41.6	-1.6	47.8	+4.6	45.8	+2.6
HOU	45.1	40.9	-4.2	44.7	-0.4	50.1	+5.0	47.5	+2.4
CLL	41.2	38.0	-3.2	39.2	-2.0	44.3	+3.1	43.8	+2.6
GLS	48.6	44.1	-4.5	46.1	-2.5	54.8	+6.2	51.0	+2.4

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 TEMP		AVE TEMP		AVE TEMP		AVE TEMP	
		2010	DEP	2011	DEP	2012	DEP	2013	DEP
IAH	62.9	59.1	-3.8	61.1	-1.8	69.7	+6.8	65.2	+2.3
HOU	63.0	59.1	-3.9	62.4	-0.6	69.2	+6.2	65.4	+2.4
CLL	61.0	58.1	-2.9	60.6	-0.4	67.4	+6.4	63.8	+2.8
GLS	61.8	56.7	-5.1	57.9	-3.9	67.4	+5.6	62.9	+1.1

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 JANUARY.

SITE	AVG	AVG	AVG	DEP	RAIN	DEP
	HIGH	LOW	MONTH			
IAH	65.2	45.8	55.5	+2.4	3.21	-0.17
GLS	62.9	51.0	57.0	+1.8	7.18	+2.98
CLL	63.8	43.8	53.8	+2.7	5.06	+1.82
HOU	65.4	47.5	56.4	+2.3	3.13	-0.74
UTS	62.3	44.0	53.1	+2.3	3.70	-0.12
CXO	63.4	41.1	52.2	+1.5	4.84	+1.06
DWH	65.6	44.0	54.8	+3.3	5.68	+2.13
SGR	66.0	45.9	55.9	+3.5	3.51	-0.09
LBX	65.1	44.8	55.0	+1.4	2.64	-1.81
PSX	66.3	48.5	57.4	+3.1	2.67	-0.70
LVJ	64.4	45.9	55.1	+1.8	4.40	+0.18
HGX	64.1	45.1	54.6	+2.0	5.37	+0.90

HERE ARE SOME JANUARY TEMPERATURE AND RAINFALL TOTALS AVAILABLE FROM THE HOUSTON/GALVESTON AREA NETWORK OF CO-OP OBSERVERS THAT HAVE REPORTED AS OF FEBRUARY 14TH.

LOCATION	RAINFALL (INCHES)	AVERAGE HIGH TEMPERATURE	AVERAGE LOW TEMPERATURE
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ANAHUAC	6.19	61.5	44.2
ANGLETON	5.11	72.2	56.1
BAY CITY	3.26	63.6	47.0
BAYTOWN	5.88	62.4	44.7
BRENHAM	4.41	62.3	42.4
CLEVELAND	5.85	63.5	43.1
CONROE	4.24	62.0	42.0
DANEVANG	4.76	63.4	44.2
FREEPORT	5.68	64.3	48.5
HOUSTON WFO	5.37	64.1	45.1
HUNTSVILLE	4.77	59.0	42.4
LIBERTY	4.45	64.2	45.6
MADISONVILLE	6.37	61.9	38.7