

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
 200 PM CDT JUN 3 2013

...RECORD COLD TEMPERATURES GREETED THE MONTH OF MAY...
 ...THIRD CONSECUTIVE MONTH WITH BELOW AVERAGE TEMPERATURES...

MAY 2013 STARTED OUT ON A VERY COLD NOTE. ON MAY 3RD...THE CITY OF GALVESTON RECORDED A LOW TEMPERATURE OF 50 DEGREES. THIS WAS A DAILY AND MONTHLY LOW TEMPERATURE RECORD THAT BESTED THE PREVIOUS MONTHLY LOW TEMPERATURE RECORD OF 52 DEGREES SET ON MAY 4TH OF 1954. THE CITY OF HOUSTON ALSO ESTABLISHED THREE NEW DAILY MINIMUM TEMPERATURE RECORDS ON THE 3RD...4TH...AND 6TH...WITH A NEW MONTHLY MINIMUM TEMPERATURE RECORD OF 42 DEGREES SET ON MAY 4TH. THE 42 DEGREES RECORDED ON THE 4TH IS NOW THE COLDEST TEMPERATURE EVER RECORDED IN THE MONTH OF MAY FOR THE CITY OF HOUSTON. COLLEGE STATION ALSO RECORDED THREE NEW DAILY TEMPERATURE RECORDS ON THE 3RD...4TH...AND 6TH. COLLEGE STATION ALSO TIED THE COLDEST TEMPERATURE FOR THE MONTH OF MAY WHEN THE TEMPERATURE DROPPED TO 42 ON THE 4TH.

THE MONTH OF MAY IS THE THIRD CONSECUTIVE MONTH WITH BELOW NORMAL TEMPERATURES FOR THE CITY OF HOUSTON AND COLLEGE STATION. WHEN WAS THE LAST TIME THIS PHENOMENA OCCURRED? IT ACTUALLY HAPPENED RATHER RECENTLY DURING THE WINTER OF 2009 AND 2010...OR MORE SPECIFICALLY THE MONTHS OF DECEMBER 2009...JANUARY 2010...FEBRUARY 2010...AND MARCH 2010. SO HOW COLD HAS IT BEEN OVER THE LAST THREE MONTHS? THE CITY OF HOUSTON HAD AN AVERAGE TEMPERATURE OF 67.8 DEGREES WHICH IS THE 30TH COOLEST CLIMATOLOGICAL SPRING IN HISTORY OF THE CITY. THE COOLEST MARCH THROUGH MAY WAS 64.3 DEGREES IN 1931.

THE FOLLOWING TABLE LISTS THE TOP 30 COOLEST AVERAGE TEMPERATURES FOR MARCH THROUGH MAY FOR THE CITY OF HOUSTON.

RANK	VALUE	YEAR	RANK	VALUE	YEAR
1	64.3	1931	16	67.2	1969
2	65.3	1983	17	67.3	1947
3	65.7	1915	18	67.4	1977
4	65.9	1926	19	67.5*	1988
5	66.0*	1895	20	67.5	1912
6	66.0	1970	21	67.6*	1932
7	66.7*	1971	22	67.6	1928
8	66.7	1976	23	67.6	1937
9	66.8	1993	24	67.5	1892
10	66.9	1913	25	67.7*	1917
11	67.0*	1978	26	67.7	1997
12	67.0	1973	27	67.7	1898
13	67.1*	1914	28	67.7	1987
14	67.1	1952	29	67.7	1960
15	67.2*	1924	30	67.8	2013

* NOTE...THESE RECORDS ARE TIED WITH AT LEAST ONE OTHER PREVIOUS

YEAR.

THE FOLLOWING TABLE LISTS THE DEPARTURES FROM NORMAL OF THE AVERAGE TEMPERATURES FOR THE FOUR FIRST-ORDER CLIMATE STATIONS.

STN	MAY 2013	APR 2013	MAR 2013
CLL	-1.8	-2.1	-0.9
IAH	-1.9	-2.9	-1.5
HOU	-2.1	-2.0	-0.8
GLS	-3.2	-2.3	+0.3

THE FOLLOWING TABLE SHOWS THE LAST TIME THERE WERE THREE MONTHS OF BELOW NORMAL TEMPERATURES OF -0.5 DEGREES OR MORE.

STN	DATES
CLL	DEC 2009 - MAR 2010
IAH	DEC 2009 - MAR 2010
HOU	DEC 2009 - MAR 2010
GLS*	NOV 2010 - FEB 2011

* NOTE...GLS ONLY HAD TWO CONSECUTIVE MONTHS OF BELOW NORMAL AVERAGE TEMPERATURES DURING THIS PERIOD.

POSSIBLY HOW MUCH RAINFALL HAS REPLENISHED AREA RESERVOIRS IN SOUTHEAST TEXAS? THE FOLLOWING TABLE LISTS DATA FROM [HTTP://WWW.WATERDATAFORTEXAS.ORG/REERVOIRS/STATEWIDE](http://www.waterdatafortexas.org/reervoirs/statewide).

RESERVOIR	DATE AND PERCENTAGE FULL
HOUSTON COUNTY LAKE	MAY 30TH - 98.1 PERCENT FULL
	APR 30TH - 99.3 PERCENT FULL
LAKE LIVINGSTON	MAY 30TH - 100 PERCENT FULL
	APR 30TH - 100 PERCENT FULL
LAKE CONROE	MAY 30TH - 88.8 PERCENT FULL
	APR 30TH - 85.1 PERCENT FULL
LAKE SOMERVILLE	MAY 30TH - 85.0 PERCENT FULL
	APR 30TH - 85.1 PERCENT FULL
LAKE HOUSTON	MAY 30TH - 100 PERCENT FULL
	APR 30TH - 100 PERCENT FULL

THE FOLLOWING TABLE LISTS THE ALL TIME RECORD LOWS FOR MAY FOR THE CITIES OF GALVESTON...HOUSTON...AND COLLEGE STATION. NOTE THAT THE STATION IDENTIFIER IS USED TO REPRESENT PREVIOUS CITY SITES AS WELL.

...ALL TIME RECORD LOWS FOR MAY...

SITE	OLD RECORD	NEW RECORD
CLL	42 IN 1954	42 IN 2013
IAH	44 IN 1978	42 IN 2013
GLS	52 IN 1903	50 IN 2013

THREE RECORD LOWS WERE SET IN THE MONTH OF MAY FOR THE CITIES OF HOUSTON AND COLLEGE STATION. THE FOLLOWING TABLE SHOWS THE LAST TIME AT LEAST THREE RECORD LOWS WERE SET FOR ONE MONTH AT BOTH IAH AND CLL.

SITE	YEAR	DATES
CLL	2002	MAR 4 - 6
IAH*	2004	AUG 13 - 16

* NOTE THAT FOUR RECORD LOWS HAVE BEEN SET SO FAR THIS YEAR AT IAH. THIS LAST TIME THIS OCCURRED WAS IN 2004 AND 2000.

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 MAY.

SITE	AVG HIGH	AVG LOW	AVG MONTH	DEP	RAIN	DEP
IAH	85.0	66.0	75.5	-1.4	1.02	-4.07
GLS	79.9	69.5	74.7	-2.9	1.12	-3.20
CLL	85.3	64.4	74.8	-1.4	6.73	+2.40
HOU	83.5	67.2	75.4	-1.6	2.96	-1.79
CXO	84.2	61.4	72.8	-1.6	2.50	-2.42
UTS	84.5	63.7	74.1	-2.0	7.28	+2.74
DWH	84.9	64.5	74.7	-1.1	1.00	-3.77
SGR	84.5	66.1	75.3	-1.1	2.76	-1.87
LBX	82.9	65.2	74.0	-1.5	0.97	-3.06
PSX	83.8	70.0	76.9	-0.2	0.55	-3.66
LVJ	82.3	66.0	74.2	-1.9	1.90	-2.64
HGX	82.2	66.1	74.1	-1.0	2.14	-2.51

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