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TXZ163-164-176>179-195>200-210>214-226-227-235>238-050600-

PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX

1020 PM CST SUN JAN 27 2013

...2012 WAS THE WARMEST YEAR ON RECORD FOR SOUTHEAST TEXAS...

AN OVERALL DRY 2012 BECAME THE WARMEST YEAR ON RECORD FOR THE COUNTY WARNING AND FORECAST AREA OF THE HOUSTON/GALVESTON NATIONAL WEATHER SERVICE OFFICE. OF THE FOUR FIRST ORDER CLIMATE SITES...2012 WAS THE WARMEST ON RECORD FOR THE CITY OF HOUSTON...THE CITY OF GALVESTON... AND HOBBY AIRPORT. 2012 TIED 2011 AS THE WARMEST YEAR ON RECORD AT COLLEGE STATION. WHEN IT COMES TO RAINFALL...2012 HAD A WET START WITH THE FIRST THREE MONTHS EXPERIENCING WELL ABOVE NORMAL RAINFALL. HOWEVER...APRIL BEGAN A DRY PERIOD WHICH HELPED TO OVERCOME THE PRIOR RAINFALL EXCESS. OF THE FIRST ORDER SITES...ONLY COLLEGE STATION EXPERIENCED ABOVE NORMAL RAINFALL FOR THE YEAR DUE IN LARGE PART TO RAINFALL TOTALS OF JUST ABOVE 20 INCHES FOR THE JANUARY THROUGH MARCH PERIOD. ELSEWHERE...THE ANNUAL RAINFALL DEFICITS RANGED FROM 2.79 TO 7.45 INCHES BELOW NORMAL.

THE FOLLOWING TABLE DESCRIBES THE FIVE WARMEST YEARLY AVERAGE TEMPERATURES FOR THESE FOUR FIRST-ORDER CLIMATE SITES. NOTE THAT THE FIFTH WARMEST YEAR ON RECORD FOR THE CITY OF HOUSTON OF 71.5 WAS SET ALSO IN 1927. FOR THE CITY OF GALVESTON...THE 3RD WARMEST YEAR OF 72.3 WAS SET IN TWO ADDITIONAL YEARS...1994 AND 1993.

HIGHEST AVERAGE TEMPERATURES FOR JANUARY 1 THROUGH DECEMBER 31

CITY OF HOUSTON	HOUSTON HOBBY	CITY OF GALVESTON	COLLEGE STATION
72.1 2012	72.6 2012	73.9 2012	71.6 2012
71.9 1962	72.4 2011	72.6 2006	71.6 2011
71.8 2011	72.3 1998	72.3 2011	70.9 1933
71.7 1933	71.4 2006	72.3 2005	70.7 1911
71.5 1965	71.4 2008	72.3 1999	70.4 1927

THE MONTHLY TEMPERATURE DATA IS SHOWN IN THE NEXT TWO TABLES. THE MONTHS THAT REALLY STAND OUT ARE JANUARY THROUGH APRIL WHERE EVERY CLIMATE SITE EXPERIENCED ABOVE AVERAGE TEMPERATURE DEPARTURES FROM NORMAL OF BETWEEN 3.0 AT THE LOWEST TO 6.7 AT THE HIGHEST.

2012 HIGH AND LOW TEMPERATURE DATA
1ST ORDER CLIMATE SITES BY MONTH

CITY OF HOUSTON		HOBBY AIRPORT		COLLEGE STATION		GALVESTON	
HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW

JAN	69.7	47.8	69.2	50.1	67.4	44.3	67.4	54.8
FEB	67.7	52.4	67.4	53.7	66.2	49.7	65.6	55.5
MAR	78.4	59.7	77.8	61.2	76.2	58.1	75.2	65.1
APR	83.2	64.0	82.7	65.0	83.3	62.6	80.4	69.4
MAY	88.6	69.1	87.1	70.3	88.4	68.5	85.1	75.0
JUN	93.6	73.7	92.6	75.6	94.8	73.8	89.8	79.6
JUL	90.9	75.0	89.9	76.1	94.4	75.2	89.4	80.2
AUG	95.4	76.8	94.0	77.8	97.8	76.5	92.0	81.2
SEP	89.7	69.7	88.2	70.5	92.0	69.8	87.3	76.9
OCT	82.3	59.5	80.8	60.1	81.2	59.2	80.4	67.6
NOV	76.0	49.8	76.4	53.4	75.7	50.1	73.2	59.6
DEC	69.9	47.5	71.0	50.6	68.1	45.7	68.9	54.3

2012 AVERAGE TEMPERATURE DATA
1ST ORDER CLIMATE SITES BY MONTH

	CITY OF HOUSTON		HOBBY AIRPORT		COLLEGE STATION		GALVESTON	
	AVE	DEP	AVE	DEP	AVE	DEP	AVE	DEP
JAN	58.8	+5.7	59.7	+5.6	55.8	+4.7	61.1	+5.9
FEB	60.1	+3.7	60.6	+3.3	57.9	+3.3	60.6	+3.0
MAR	69.1	+6.3	69.5	+6.2	67.1	+5.7	70.1	+6.7
APR	73.6	+4.1	73.9	+4.1	73.0	+4.5	74.9	+4.8
MAY	78.8	+1.9	78.7	+1.7	78.5	+2.3	80.0	+2.4
JUN	83.6	+1.2	84.1	+2.1	84.3	+2.1	84.7	+1.8
JUL	82.9	-1.5	83.0	-0.8	84.8	+0.1	84.8	+0.3
AUG	86.1	+1.5	85.9	+1.7	87.2	+1.9	86.6	+1.6
SEP	79.7	-0.1	79.3	-0.8	80.9	+0.9	82.1	+0.5
OCT	70.9	-0.6	70.5	-1.6	70.2	-0.6	74.0	-0.3
NOV	62.9	+0.6	64.9	+1.7	62.9	+2.1	66.4	+1.3
DEC	58.7	+4.3	60.8	+5.2	56.9	+4.7	61.6	+4.3

THE FOLLOWING TABLE GIVES THE MONTHLY RAINFALL TOTALS AND DEPARTURES FROM NORMAL FOR THE FIRST ORDER CLIMATE STATIONS.

2012 AVERAGE DAILY RAINFALL DATA IN INCHES
1ST ORDER CLIMATE SITES BY MONTH

	CITY OF HOUSTON		HOBBY AIRPORT		COLLEGE STATION		GALVESTON	
	TOTAL	DEP	TOTAL	DEP	TOTAL	DEP	TOTAL	DEP
JAN	5.07	+1.69	5.39	+1.52	2.78	-0.46	3.01	-1.19
FEB	5.98	+2.78	6.82	+3.61	9.30	+6.45	7.32	+4.75
MAR	7.14	+3.73	4.98	+1.78	8.66	+5.49	4.96	+1.80
APR	3.28	-0.03	2.06	-1.19	0.57	-2.09	1.99	-1.06
MAY	0.77	-4.32	7.44	+2.69	1.82	-2.51	4.22	-0.10
JUN	4.97	-0.96	2.78	-4.32	2.13	-2.32	4.10	-1.59
JUL	4.71	+0.92	8.15	+3.49	4.56	+2.42	5.60	+1.80
AUG	3.88	+0.12	3.04	-2.02	1.71	-0.97	6.14	+1.75
SEP	2.02	-2.10	3.98	-1.23	3.22	+0.04	5.63	-0.40

OCT	1.00	-4.70	0.70	-5.29	2.17	-2.74	0.51	-5.01
NOV	0.65	-3.69	0.80	-3.52	0.53	-2.69	0.86	-3.65
DEC	2.85	-0.89	5.72	+1.69	3.73	+0.50	2.87	-0.65

THE FOLLOWING TABLE SHOWS THE ANNUAL RAINFALL FOR 2012 WITH THE DEPARTURES FROM NORMAL FOR THE MAJOR CLIMATE SITES.

YEARLY RAINFALL TOTALS AND DEPARTURES IN INCHES

SITE	DAILY MAX	DAILY MIN	DAILY AVE	DAILY RAINFALL	RAINFALL DEPARTURE
CITY OF HOUSTON	82.1	62.1	72.1	42.32	-7.45
HOBBY AIRPORT	81.4	63.7	72.6	51.86	-2.79
COLLEGE STATION	82.1	61.1	71.6	41.18	+1.12
GALVESTON	79.6	68.3	73.9	47.21	-3.55

THE NEXT TABLE CATEGORIZES THE RAINFALL AND DEPARTURES FROM NORMAL INTO FOUR PERIODS CONTAINING THREE MONTHS EACH. NOTE THAT THE FIRST THREE MONTHS EXPERIENCED RAINFALL TOTALS OF BETWEEN 15 AND ALMOST 21 INCHES.

PERIOD	CITY OF HOUSTON		HOBBY AIRPORT		COLLEGE STATION		GALVESTON	
	RAIN	DEP	RAIN	DEP	RAIN	DEP	RAIN	DEP
JAN-MAR	18.19	+8.20	17.19	+6.91	20.74	+11.48	15.29	+5.36
APR-JUN	9.02	-5.31	12.28	-2.82	4.52	-6.92	10.31	-2.75
JUL-SEP	10.61	-1.06	15.17	+0.24	9.49	+1.49	17.37	+3.15
OCT-DEC	4.50	-9.28	7.22	-7.12	6.43	-4.93	4.24	-9.31