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PUBLIC INFORMATION STATEMENT  
 NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX  
 609 AM CST THU MAR 6 2014

...FEBRUARY 2014 CONTINUED COOLER AND DRIER THAN NORMAL...

FEBRUARY 2014 CONTINUED THE JANUARY TREND OF COOLER AND DRIER THAN NORMAL CONDITIONS ACROSS SOUTHEAST TEXAS. HOWEVER...SPORADIC RAINFALL BROUGHT SOME RELIEF FROM THE DEVELOPING DROUGHT CONDITIONS. COOL CONDITIONS HELPED MAXIMIZE SOIL MOISTURE IN THE FIRST HALF OF THE MONTH BY KEEPING EVAPORATION RATES LOW. HOWEVER...MOST OF THE PERIOD FROM THE 17TH THROUGH THE 25TH EXPERIENCED 10 TO 15 DEGREE ABOVE NORMAL WARMTH. THIS AIDED IN INCREASING DROUGHT CONDITIONS SOUTH AND WEST OF THE CITY OF HOUSTON.

AVERAGE TEMPERATURES FOR FEBRUARY WERE ABOUT 1 TO 2 DEGREES BELOW NORMAL FOR MOST OF THE FIRST AND SECOND ORDER CLIMATE SITES. THE COLDEST AVERAGE DAILY TEMPERATURES OCCURRED ON THE 6TH...7TH...AND 11TH. THE 6TH...12TH...AND 13TH EXPERIENCED THE COLDEST OVERNIGHT LOW TEMPERATURES WHILE THE WARMEST DAYTIME HIGHS OCCURRED BETWEEN THE 17TH AND 23RD.

REGARDING TEMPERATURE EXTREMES...THE COLDEST MINIMUM TEMPERATURE FOR FEBRUARY WAS 26 WHICH OCCURRED AT COLLEGE STATION ON THE 6TH AND AT CONROE ON THE 13TH. THE WARMEST MAXIMUM TEMPERATURE WAS 83 RECORDED AT PEARLAND AND LEAGUE CITY ON THE 17TH AND AT COLLEGE STATION ON THE 20TH. THE MONTHLY MAXIMUM DAILY PRECIPITATION OF 1 INCH FELL AT AT SUGAR LAND ON THE 20TH.

HERE ARE THE TEMPERATURE AND RAINFALL EXTREMES FOR FEBRUARY 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	80	18	29	13	69	23	36	6	0.70	25
GLS	77	23	36	12,13	69	23	39	7	0.43	4
CLL	83	20	26	6	71	19	29	6	0.32	26
HOU	81	17	31	13	73	17	38	6,7	0.53	2
CXO	80	18,19	26	13	71	19	33	6	0.73	26
UTS	80	20	27	6	71	19	30	6	0.72	26
DWH	80	18,19	29	13	72	18,19	34	6	0.53	26
SGR	80	17,19	29	13	73	17,18	37	6	1.00	20
LBX	82	23	27	13	72	19,23	39	6,7,11	0.24	2
PSX	77	17	32	13	70	17,19,23	37	7	0.43	25
LVJ	83	17	30	13	74	17	39	7	0.79	26
HGX	83	17	30	13	73	17	37	7,11	0.51	2

THE RELATIVELY DRY FEBRUARY HAS ADDED TO THE MUCH DRIER THAN NORMAL PERIOD SOUTHEAST TEXAS HAS EXPERIENCED SINCE MID NOVEMBER OF 2013. RAINFALL DEFICITS FROM NOVEMBER 1ST TO FEBRUARY 28TH

SOUTH OF I-10 WERE BETWEEN 6 AND 12 INCHES BELOW NORMAL AND THE U.S. DROUGHT MONITOR SHOWED THESE PARTS OF SOUTHEAST TEXAS IN MODERATE TO SEVERE DROUGHT. DESPITE THIS DRY SPELL...AREA RESERVOIRS REMAINED NEAR CAPACITY.

THE FOLLOWING TABLE LISTS SOME RAINFALL TOTALS AND DEPARTURES FOR SOUTHEAST TEXAS. NOTE THAT SOME JANUARY DATA LISTED LAST MONTH WAS INCOMPLETE AND HAS BEEN UPDATED IN THIS LIST.

RAINFALL DATA FOR NOV 1ST THROUGH FEB 28TH

LOCATION	NOV	DEC	JAN	FEB	TOTAL
ANAHUAC	5.61	0.76	1.40	5.51	13.28
NORMAL	4.21	4.54	4.47	3.21	16.43
DEP	+1.40	-3.78	-3.07	+2.30	-3.15
ANGLETON	1.99	0.35	0.72	0.80	3.86
NORMAL	4.44	3.77	4.45	2.94	15.60
DEP	-2.45	-3.42	-3.73	-2.14	-11.74
BAY CITY	6.35	0.39	1.54	1.50	9.78
NORMAL	4.25	3.59	3.86	2.69	14.39
DEP	+2.10	-3.20	-2.32	-1.19	-4.61
BELLVILLE	5.96	0.82	2.59	1.43	10.80
NORMAL	4.18	3.19	3.27	2.65	13.29
DEP	+1.78	-2.37	-0.68	-1.22	-2.49
BRENHAM	4.04	1.33	2.50	2.16	10.03
NORMAL	4.28	3.42	3.46	3.09	14.25
DEP	-0.24	-2.12	-0.96	-0.93	-4.22
COL STATION	4.57	0.76	1.29	0.89	7.51
NORMAL	3.22	3.23	3.24	2.85	12.54
DEP	+1.35	-2.47	-1.95	-1.96	-5.03
COLUMBUS	2.77	0.81	2.50	1.23	7.31
NORMAL	4.42	3.16	3.57	2.88	14.03
DEP	-1.65	-2.35	-1.07	-1.62	-6.72
DANEVANG	6.33	0.33	1.07	1.11	8.84
NORMAL	4.05	3.11	3.43	2.80	13.39
DEP	+2.28	-2.78	-2.36	-1.69	-4.55
EL CAMPO	5.00	0.39	1.45	2.15	8.99
NORMAL	5.20	3.47	3.16	2.68	14.51
DEP	-0.20	-3.08	-1.71	-0.53	-5.52
GALVESTON	2.45	0.65	1.36	1.69	6.15
NORMAL	4.51	3.52	4.20	2.57	14.80
DEP	-2.06	-2.87	-2.84	-0.88	-8.65
HOU-BUSH (IAH)	3.81	1.66	0.96	2.39	8.82
NORMAL	4.34	3.74	3.38	3.20	14.66
DEP	-0.53	-2.08	-2.42	-0.81	-5.84

HOU-HOBBY (HOU)	3.58	0.87	0.53	2.09	7.07
NORMAL	4.32	4.03	3.87	3.21	15.43
DEP	-0.74	-3.16	-3.34	-1.12	-8.36
KATY	5.19	0.69	1.72	2.07	9.67
NORMAL	4.89	3.74	3.21	3.11	14.95
DEP	+0.30	-3.05	-1.49	-1.04	-5.28
LIBERTY	6.70	1.55	1.22	5.18	14.65
NORMAL	5.25	5.25	4.42	4.18	19.10
DEP	+1.45	-3.70	-3.20	+1.00	-4.45
MADISONVILLE	5.97	1.43	2.04	1.69	11.13
NORMAL	4.38	3.92	3.86	3.28	15.44
DEP	+1.59	-2.49	-1.82	-1.59	-4.31
PALACIOS	3.01	0.21	0.46	0.90	4.58
NORMAL	3.96	2.78	3.37	2.35	12.46
DEP	-0.95	-2.57	-2.91	-1.45	-7.88
RICHMOND	6.19	0.79	1.43	2.01	10.42
NORMAL	5.22	3.64	3.40	3.02	15.28
DEP	+0.97	-2.85	-1.97	-1.01	-4.86
SUGAR LAND	3.22	0.62	1.42	2.13	7.39
NORMAL	4.59	3.60	3.60	3.22	15.01
DEP	-1.37	-2.98	-2.18	-1.09	-7.62
WASH ST PARK	3.95	1.62	2.12	1.83	9.52
NORMAL	3.80	3.38	3.54	2.83	13.55
DEP	+0.15	-1.76	-1.42	-1.00	-4.03

HERE IS THE MONTHLY DATA FOR THE FIRST AND SECOND ORDER CLIMATE SITES ACROSS SOUTHEAST TEXAS...

FEBRUARY 2014 DATA

SITE	AVE		MONTHLY AVE		MONTHLY		YEAR-TO-DATE	
	HIGH	LOW	DAILY	DEP	RAIN	DEP	RAIN	DEP
IAH	64.0	45.4	54.7	-1.7	2.39	-0.81	3.35	-3.33
GLS	60.7	48.1	54.4	-3.2	1.69	-0.88	3.05	-3.72
CLL	62.2	42.5	52.4	-2.2	0.89	-1.96	2.18	-3.91
HOU	64.5	47.2	55.9	-1.4	2.09	-1.12	2.62	-4.46
CXO	62.6	41.1	51.9	-1.8	2.44	-0.82	4.52	-0.82
UTS	61.5	41.7	51.6	-2.8	2.66	-0.40	4.64	-2.24
DWH	63.8	44.8	54.3	-0.8	1.75	-1.28	3.22	-3.36
SGR	64.9	46.5	55.7	-0.3	2.13	-1.09	3.55	-3.27
LBX	65.0	45.0	55.0	-1.7	0.80	-2.14	1.52	-5.87
PSX	63.6	46.5	55.0	-2.2	0.90	-1.45	1.36	-4.36
LVJ	65.9	47.8	56.9	+0.1	1.57	-1.61	2.10	-5.30
HGX	64.0	45.4	54.7	-1.4	1.78	-1.13	2.56	-4.82

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