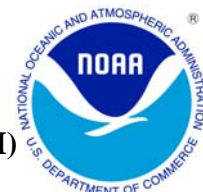




MARCH 2010 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
 Lat:29° 59'N Long: 95° 21'W Elev (Ground) 94 Feet
 Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	59	45	52	-7	48	50	13	0	RA BR	0		0.0	0.62	29.72	29.83	8.8	02	12.7	33	36	25	35	01	
02	59	41	50	-9	35	43	15	0		0		0.0	0.00	29.99	30.09	11.0	32	11.3	29	33	23	35	02	
03	64	35*	50	-10	37	44	15	0		0		0.0	0.00	30.03	30.14	0.2	22	3.1	15	31	12	29	03	
04	67	40	54	-6	43	48	11	0	BR	0		0.0	0.00	30.06	30.17	4.5	14	5.1	20	15	16	13	04	
05	64	42	53	-7	42	48	12	0		0		0.0	0.00	30.07	30.19	6.8	13	6.9	24	13	20	14	05	
06	69	43	56	-4	39	47	9	0		0		0.0	0.00	30.11	30.23	6.5	13	7.5	23	12	17	12	06	
07	66	47	57	-3	50	53	8	0	RA	0		0.0	T	30.03	30.16	8.9	12	9.3	24	13	20	13	07	
08	66	56	61	0	58	59	4	0	RA BR	0		0.0	0.29	29.80	29.94	13.0	14	13.9	33	14	29	13	08	
09	80	64	72*	11	63	65	0	7	BR	0		0.0	0.00	29.62	29.76	5.6	19	6.9	17	18	13	17	09	
10	77	62	70	9	63	65	0	5	RA BR	0		0.0	T	29.48	29.61	6.4	17	6.8	24	14	18	15	10	
11	79	56	68	7	54	60	0	3	FG+ BR HZ	0		0.0	0.00	29.56	29.67	3.7	30	5.4	31	33	23	34	11	
12	69	50	60	-2	38	50	5	0		0		0.0	0.00	29.72	29.82	10.1	30	10.9	35	30	23	31	12	
13	73	50	62	0	39	50	3	0		0		0.0	0.00	29.73	29.85	7.2	29	7.5	26	31	21	30	13	
14	81*	45	63	1	51	56	2	0	BR	0		0.0	0.00	29.80	29.90	2.3	17	3.0	18	20	15	14	14	
15	76	55	66	4	54	58	0	1	FG BR	0		0.0	0.00	29.96	30.05	3.6	08	5.6	18	07	15	07	15	
16	60	54	57	-5	52	55	8	0	RA	0		0.0	0.04	30.09	30.19	2.9	33	4.5	13	29	10	31	16	
17	71	49	60	-3	45	52	5	0	BR	0		0.0	0.00	30.01	30.14	6.9	33	7.0	24	34	17	35	17	
18	71	47	59	-4	39	49	6	0		0		0.0	0.00	29.98	30.11	2.3	35	4.8	20	28	14	31	18	
19	74	45	60	-3	51	55	5	0	BR	0		0.0	0.00	29.84	29.97	8.7	15	8.9	25	15	22	14	19	
20	63	39	51	-12	44	47	14	0	RA BR	0		0.0	0.49	29.90	29.99	8.3	30	13.0	36	31	26	32	20	
21	58	37	48*	-15	27	40	17	0		0		0.0	0.00	29.91	30.03	15.6	30	15.7	40*	28	30*	31	21	
22	69	42	56	-7	34	45	9	0		0		0.0	0.00	29.93	30.06	4.7	28	5.6	17	25	13	25	22	
23	74	39	57	-6	45	52	8	0		0		0.0	0.00	29.86	29.98	6.8	15	6.9	24	14	21	14	23	
24	65	55	60	-4	58	59	5	0	RA BR HZ	0		0.0	0.05	29.79	29.91	7.0	13	7.5	21	14	17	14	24	
25	68	50	59	-5	48	54	6	0	TSRA RA FG BR	0		0.0	0.39	29.88	29.97	10.6	31	11.4	31	31	24	31	25	
26	72	46	59	-5	45	52	6	0		0		0.0	0.00	29.86	29.99	1.4	17	4.4	21	15	16	15	26	
27	79	55	67	2	55	60	0	2		0		0.0	0.00	29.77	29.87	6.0	19	7.4	28	32	21	32	27	
28	69	53	61	-4	41	51	4	0		0		0.0	0.00	29.94	30.04	10.9	32	11.4	35	31	28	31	28	
29	74	45	60	-5	42	51	5	0		0		0.0	0.00	29.94	30.06	1.3	28	3.5		7		19	29	
30	78	46	62	-3	49	55	3	0		0		0.0	0.00	29.88	30.01	7.6	17	7.9	26	16	20	16	30	
31	80	56	68	3	57	61	0	3		0		0.0	0.00	29.88	29.99	10.0	17	10.5	25	14	21	15	31	

70.1		48.0		59.1		46.6		52.7		6.4		0.7		< MONTHLY AVERAGES TOTALS >				0.0		1.88		29.88		29.99		0.9		23		7.9		< MONTHLY AVERAGES			
-3.2		-3.3		-3.2		<-----		DEPARTURE FROM NORMAL		----->		-1.48		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																					
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 0.62 DATE : 01										SEA LEVEL PRESSURE															
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.30					DATE TIME															
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.51					10 1658															
HEATING :		198		42		1749		274		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 :		0		MINIMUM TEMP <= 32 :		0		PRECIPITATION >= 0.01 INCH :		6													
COOLING :		21		-42		30		-69		MAXIMUM TEMP <= 32 :		0		MINIMUM TEMP <= 0 :		0		PRECIPITATION >= 0.10 INCH :		4															
										THUNDERSTORMS :		1		HEAVY FOG :		1		SNOWFALL >= 1.0 INCH :		0															

**MARCH 2010
HOUSTON, TX**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MARCH 2010

WBAN # 12960

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			
01	T			T	0.02	0.03	0.33	0.21	0.02	T			01				T	0.01	T		T	T	T	01	0.62	0.62		
02													02											02	0.00	0.00		
03													03											03	0.00	0.00		
04													04											04	0.00	0.00		
05													05											05	0.00	0.00		
06													06											06	0.00	0.00		
07													07				T							07	T	T		
08								0.03	0.02	0.07	0.02	0.01	08	0.13	0.01					T	T			08	0.29	0.29		
09													09											09	0.00	0.00		
10					T	T							10											10	T	T		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13											13	0.00	0.00		
14													14											14	0.00	0.00		
15													15											15	0.00	0.00		
16									0.01	T	0.01	T	16	T	T	T	T	0.01	0.01	T	T	T		16	0.04	0.04		
17													17											17	0.00	0.00		
18													18											18	0.00	0.00		
19													19											19	0.00	0.00		
20								T	T	0.16	0.06	0.07	20	0.12	0.08									20	0.49	0.49		
21													21											21	0.00	0.00		
22													22											22	0.00	0.00		
23													23											23	0.00	0.00		
24										T	T	T	24			T	0.01	T		T	0.01	0.01		24	0.05	0.05		
25			0.06	0.33	T								25										0.02	25	0.39	0.39		
26													26											26	0.00	0.00		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29													29											29	0.00	0.00		
30													30											30	0.00	0.00		
31													31											31	0.00	0.00		

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.13	0.18	0.23	0.26	0.29	0.34	0.41	0.47	0.53	0.56	0.57	0.59
Ending Date	01	25	25	25	25	01	01	01	01	01	01	01
Ending Time (Hr/Min)	0653	0313	0313	0318	0326	0707	0744	0744	0753	0804	0804	0804

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):
 '+' = Heavy '' = Moderate '-' = Light

HOUSTON, TX MARCH 2010

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							1.00	10.00	
02							10.00	10.00	
03							9.00	10.00	
04							5.00	10.00	
05							8.00	10.00	
06							9.00	10.00	
07							8.00	10.00	
08							2.50	10.00	
09							0.75	10.00	
10							0.25	10.00	
11							0.12	10.00	
12							0.12	10.00	
13							10.00	10.00	
14							6.00	10.00	
15							2.00	10.00	
16							0.50	10.00	
17							4.00	10.00	
18							8.00	10.00	
19							5.00	10.00	
20							1.25	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							0.50	10.00	
25							0.50	10.00	
26							0.50	10.00	
27							8.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							9.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							5.45	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 22318				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY		Cloudy		Missing			
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0			>= 7.0			
3			12			15			

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2010

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)											
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						
SUNRISE: 0648						MAR 01						SUNSET: 1820						SUNRISE: 0641						MAR 07						SUNSET: 1824					
03	OVC	090			10.00		53	47	50	80	15	09	29.72	29.82	03	BKN	250			8.00		48	45	47	89	0	00	30.08	30.19						
06	OVC	024			3.00	-RA BR	52	51	51	96	11	11	29.64	29.75	06	BKN	250			8.00		52	49	50	90	0	00	30.10	30.21						
09	OVC	040			6.00	BR	53	51	52	93	7	34	29.70	29.81	09	BKN	250			10.00		59	51	55	75	9	12	30.09	30.20						
12	OVC	034			10.00		56	51	53	83	14	03	29.68	29.79	12	OVC	095			10.00		66	50	57	57	15	13	30.06	30.18						
15	OVC	027			10.00		57	49	53	75	10	36	29.65	29.76	15	OVC	080			10.00		64	50	56	61	17	13	30.01	30.12						
18	OVC	019			10.00		53	48	50	83	9	35	29.70	29.81	18	BKN	075			10.00		61	52	56	72	10	13	30.00	30.11						
21	OVC	029			10.00		48	44	46	86	15	34	29.84	29.95	21	OVC	080			10.00		59	53	56	81	10	12	30.01	30.11						
24	OVC	020			10.00		45	39	42	80	18	35	29.91	30.02	24	SCT	250			10.00		56	54	55	93	7	11	29.98	30.09						
SUNRISE: 0646						MAR 02						SUNRISE: 0640						MAR 08						SUNSET: 1824											
03	OVC	040			10.00		45	39	42	80	13	34	29.92	30.03	03	OVC	038			10.00		57	55	56	93	7	11	29.94	30.05						
06	BKN	090			10.00		45	38	42	77	9	31	29.97	30.08	06	OVC	044			9.00		58	55	56	90	9	11	29.90	30.01						
09	SCT	025			10.00		47	37	43	68	14	32	30.03	30.15	09	OVC	005			2.50	RA BR	58	57	57	97	18	14	29.90	30.01						
12	FEW	033			10.00		53	36	45	53	10	31	30.02	30.13	12	OVC	017			5.00	-RA BR	63	60	61	90	10	16	29.88	29.99						
15	FEW	250			10.00		58	32	46	37	18	32	29.96	30.07	15	OVC	031			10.00		64	60	62	87	20	15	29.76	29.86						
18	FEW	250			10.00		55	30	44	39	15	34	29.97	30.08	18	OVC	015			8.00		63	61	62	93	15	14	29.73	29.84						
21	FEW	250			10.00		49	33	42	54	5	30	30.01	30.12	21	OVC	015			10.00		65	61	63	87	17	17	29.71	29.82						
24	CLR	NC			10.00		43	35	40	73	0	00	30.03	30.14	24	OVC	015			10.00		65	61	63	87	11	17	29.73	29.84						
SUNRISE: 0645						MAR 03						SUNRISE: 0639						MAR 09						SUNSET: 1825											
03	CLR	NC			10.00		41	35	38	79	0	00	30.02	30.13	03	OVC	012			8.00		65	62	63	90	7	20	29.69	29.80						
06	CLR	NC			10.00		37	33	35	86	0	00	30.03	30.15	06	OVC	005			4.00	BR	65	63	64	93	3	19	29.68	29.79						
09	FEW	250			10.00		46	38	42	74	0	00	30.08	30.19	09	OVC	011			1.50	BR	67	64	65	90	0	00	29.71	29.82						
12	SCT	250			10.00		55	34	45	45	5	VR	30.08	30.19	12	BKN	050			10.00		74	63	67	69	7	VR	29.69	29.79						
15	SCT	250			10.00		63	38	51	40	7	29	29.98	30.10	15	BKN	040			10.00		79	61	68	54	8	16	29.59	29.70						
18	FEW	250			10.00		62	39	51	43	3	26	29.98	30.09	18	SCT	250			10.00		76	61	67	60	8	19	29.56	29.67						
21	FEW	250			10.00		52	42	47	69	6	12	30.03	30.14	21	SCT	100			8.00		68	64	66	87	9	19	29.62	29.72						
24	FEW	250			9.00		50	42	46	74	3	18	30.03	30.15	24	BKN	012			8.00		66	63	64	90	5	19	29.59	29.70						
SUNRISE: 0644						MAR 04						SUNRISE: 0637						MAR 10						SUNSET: 1826											
03	CLR	NC			9.00		42	40	41	93	0	00	30.03	30.15	03	OVC	013			7.00		65	62	63	90	7	18	29.54	29.65						
06	CLR	NC			9.00		42	41	42	96	0	00	30.06	30.18	06	OVC	012			7.00		65	63	64	93	5	16	29.55	29.66						
09	SCT	250			10.00		54	46	50	75	5	10	30.11	30.23	09	BKN	028			2.00	BR	66	64	65	93	5	15	29.57	29.67						
12	SCT	250			10.00		64	44	54	48	3	12	30.10	30.21	12	OVC	110			10.00		74	62	66	66	10	17	29.50	29.60						
15	BKN	250			10.00		67	46	56	47	7	16	30.03	30.14	15	BKN	040			10.00		76	64	68	67	14	16	29.43	29.54						
18	BKN	250			10.00		59	42	51	54	13	13	30.03	30.15	18	BKN	250			9.00		75	62	67	64	9	19	29.41	29.52						
21	BKN	250			10.00		53	43	48	69	7	16	30.06	30.17	21	BKN	250			7.00		67	64	65	90	5	17	29.48	29.59						
24	BKN	250			10.00		48	43	46	83	5	18	30.06	30.18	24	OVC	003			0.25	BR	65	64	64	97	5	18	29.49	29.60						
SUNRISE: 0643						MAR 05						SUNRISE: 0636						MAR 11						SUNSET: 1826											
03	BKN	250			9.00		44	42	43	93	0	00	30.03	30.15	03	VV	002			0.12	FG	63	63	63	100	0	00	29.49	29.60						
06	FEW	250			9.00		44	43	44	96	0	00	30.03	30.15	06	OVC	003			0.75	BR	63	62	62	97	3	21	29.55	29.66						
09	BKN	250			10.00		55	48	51	77	7	12	30.10	30.22	09	OVC	005			2.00	BR	63	60	61	90	5	28	29.59	29.70						
12	OVC	250			10.00		63	36	50	37	17	12	30.10	30.22	12	SCT	250			10.00		69	59	63	71	0	00	29.56	29.67						
15	OVC	250			10.00		63	36	50	37	11	13	30.06	30.18	15	SCT	110			10.00		78	54	64	44	5	22	29.50	29.61						
18	BKN	250			10.00		58	42	50	55	13	13	30.05	30.16	18	SCT	250			10.00		74	49	60	41	8	29	29.51	29.62						
21	BKN	250			10.00		51	44	48	77	6	12	30.10	30.21	21	BKN	090			10.00		66	38	52	36	15	33	29.64	29.74						
24	SCT	250			10.00		47	44	46	89	0	00	30.11	30.22	24	BKN	130			10.00		57	45	51	64	0	00	29.65	29.75						
SUNRISE: 0642						MAR 06						SUNRISE: 0635						MAR 12						SUNSET: 1827											
03	SCT	250			10.00		44	43	44	96	3	36	30.11	30.22	03	SCT	150			10.00		56	39	48	53	9	32	29.66	29.77						
06	SCT	250			9.00		43	42	43	96	0	00	30.11	30.22	06	CLR	NC			10.00		51	40	46	66	8	31	29.73	29.84						
09	SCT	080			10.00		56	46	51	69	10	10	30.16	30.27	09	CLR	NC			10.00		56	40	48	55	11	29	29.79	29.90						
12	SCT	080			10.00		66	41	53	40	10	14	30.16	30.28	12	CLR	NC			10.00		64	39	52	40	21	30	29.79	29.89						
15	SCT	090			10.00		67	30	50	25	13	15	30.10	30.21	15	CLR	NC			10.00		68	37	53	32	16	31	29.71	29.82						
18	SCT	250			10.00		61	31	47	32	10	13	30.10	30.21	18	CLR	NC			10.00		67	33	51	28	11	30	29.70	29.80						
21	SCT	250			10.00		49	37	44	63	5	13	30.11	30.23	21	CLR	NC			10.00		60	34	48	38	5	24	29.72	29.83						
24	SCT	250			9.00		48	42	45	80	3	13	30.11	30.23	24	CLR	NC			10.00		59	36	48	42	8	24	29.70	29.81						

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2010

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)																																																																																																																																																																																																																																								
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL																																																																																																																																																																																																																																			
																												WEATHER	WEATHER																																																																																																																																																																																																																																	
SUNRISE: 0634						MAR 13						SUNSET: 1828						SUNRISE: 0627						MAR 19						SUNSET: 1831																																																																																																																																																																																																																																
03	CLR	NC			10.00		52	38	45	59	7	27	29.72	29.83	03	CLR	NC			9.00		46	45	46	96	0	00	29.92	30.02	06	CLR	NC			10.00		52	36	45	55	8	31	29.76	29.87	06	CLR	NC			6.00	BR	51	50	50	96	0	00	29.90	30.01	09	CLR	NC			10.00		59	38	49	46	8	32	29.80	29.91	09	FEW	030			9.00		62	54	58	75	8	15	29.92	30.02	12	FEW	250			10.00		69	39	54	34	11	28	29.79	29.90	12	BKN	060			10.00		71	39	55	31	15	31	29.72	29.83	12	BKN	060			10.00		70	50	59	49	13	15	29.88	29.99	15	FEW	250			10.00		71	39	55	31	15	31	29.72	29.83	15	BKN	065			10.00		72	53	61	51	16	14	29.81	29.91	18	FEW	250			10.00		68	38	53	33	8	28	29.68	29.78	18	BKN	060			10.00		66	53	59	63	17	15	29.81	29.91	21	SCT	250			10.00		56	41	49	57	0	00	29.72	29.83	21	FEW	250			10.00		60	55	57	84	10	14	29.84	29.95	24	SCT	250			10.00		51	42	47	71	0	00	29.74	29.85	24	SCT	130			10.00		59	55	57	87	6	15	29.81	29.91
SUNRISE: 0633						MAR 14						SUNSET: 1828						SUNRISE: 0626						MAR 20						SUNSET: 1832																																																																																																																																																																																																																																
03	SCT	250			10.00		48	42	45	80	0	00	29.72	29.83	03	SCT	130			10.00		48	42	45	80	0	00	29.72	29.83	06	FEW	250			10.00		46	43	45	89	0	00	29.76	29.86	06	OVC	080			10.00		61	54	55	90	5	15	29.77	29.88	09	BKN	250			10.00		62	50	55	65	0	00	29.83	29.93	09	OVC	095			10.00		62	50	55	65	0	00	29.83	29.93	12	BKN	250			10.00		75	52	62	45	5	25	29.82	29.93	12	OVC	080			10.00		75	52	62	45	5	25	29.82	29.93	15	BKN	250			10.00		79	51	63	38	0	00	29.76	29.87	15	OVC	019			10.00		79	51	63	38	0	00	29.76	29.87	18	BKN	250			10.00		74	57	64	56	14	15	29.76	29.87	18	OVC	040			10.00		74	57	64	56	14	15	29.76	29.87	21	SCT	250			10.00		66	61	63	84	6	17	29.82	29.93	21	OVC	031			10.00		66	61	63	84	6	17	29.82	29.93	24	SCT	250			6.00	BR	57	57	57	100	0	00	29.87	29.97	24	BKN	035			10.00		57	57	57	100	0	00	29.87	29.97															
SUNRISE: 0632						MAR 15						SUNSET: 1829						SUNRISE: 0624						MAR 21						SUNSET: 1833																																																																																																																																																																																																																																
03	OVC	004			4.00	BR	61	61	61	100	3	23	29.89	29.99	03	SCT	039			10.00		61	61	61	100	3	23	29.89	29.99	06	OVC	019			8.00		60	60	60	100	3	06	29.93	30.03	06	CLR	NC			10.00		60	60	60	100	3	06	29.93	30.03	09	SCT	250			10.00		62	53	57	73	10	07	29.98	30.09	09	CLR	NC			10.00		62	53	57	73	10	07	29.98	30.09	12	FEW	250			10.00		69	51	59	53	7	10	29.98	30.09	12	SCT	250			10.00		69	51	59	53	7	10	29.98	30.09	15	SCT	250			10.00		75	50	61	42	5	VR	29.93	30.03	15	SCT	080			10.00		75	50	61	42	5	VR	29.93	30.03	18	SCT	250			10.00		69	52	59	55	6	05	29.94	30.05	18	BKN	070			10.00		69	52	59	55	6	05	29.94	30.05	21	BKN	100			10.00		62	55	58	78	6	09	30.02	30.13	21	BKN	060			10.00		62	55	58	78	6	09	30.02	30.13	24	SCT	110			10.00		58	54	56	87	3	33	30.03	30.14	24	FEW	060			10.00		58	54	56	87	3	33	30.03	30.14															
SUNRISE: 0630						MAR 16						SUNSET: 1830						SUNRISE: 0623						MAR 22						SUNSET: 1833																																																																																																																																																																																																																																
03	BKN	120			9.00		59	49	54	70	7	35	30.05	30.16	03	FEW	060			10.00		59	49	54	70	7	35	30.05	30.16	06	BKN	110			10.00		57	49	53	75	6	03	30.06	30.16	06	CLR	NC			10.00		57	49	53	75	6	03	30.06	30.16	09	OVC	090			8.00	-RA	57	50	53	78	6	32	30.11	30.23	09	CLR	NC			10.00		57	50	53	78	6	32	30.11	30.23	12	OVC	095			7.00	-RA	57	55	56	93	6	14	30.14	30.24	12	SCT	250			10.00		57	55	56	93	6	14	30.14	30.24	15	OVC	060			8.00	-RA	58	53	55	84	0	00	30.09	30.19	15	BKN	250			10.00		58	53	55	84	0	00	30.09	30.19	18	OVC	060			7.00	-RA	57	54	55	90	8	32	30.09	30.20	18	SCT	250			10.00		57	54	55	90	8	32	30.09	30.20	21	BKN	110			9.00		55	53	54	93	0	00	30.11	30.23	21	FEW	250			10.00		55	53	54	93	0	00	30.11	30.23	24	OVC	060			8.00		54	51	52	90	6	30	30.11	30.23	24	FEW	250			10.00		54	51	52	90	6	30	30.11	30.23															
SUNRISE: 0629						MAR 17						SUNSET: 1830						SUNRISE: 0622						MAR 23						SUNSET: 1834																																																																																																																																																																																																																																
03	SCT	250			6.00	BR	50	49	49	96	0	00	30.06	30.18	03	FEW	250			10.00		50	49	49	96	0	00	30.06	30.18	06	SCT	250			5.00	BR	49	47	48	93	6	31	30.06	30.17	06	SCT	250			10.00		49	47	48	93	6	31	30.06	30.17	09	CLR	NC			8.00		56	48	52	75	7	33	30.10	30.21	09	OVC	250			10.00		56	48	52	75	7	33	30.10	30.21	12	SCT	250			10.00		66	43	54	43	17	33	30.06	30.17	12	OVC	250			10.00		66	43	54	43	17	33	30.06	30.17	15	SCT	060			10.00		69	43	55	39	16	35	29.98	30.09	15	OVC	250			10.00		69	43	55	39	16	35	29.98	30.09	18	SCT	250			10.00		66	41	53	40	10	35	29.96	30.07	18	BKN	250			10.00		66	41	53	40	10	35	29.96	30.07	21	CLR	NC			10.00		60	42	51	52	3	31	29.98	30.10	21	BKN	250			10.00		60	42	51	52	3	31	29.98	30.10	24	FEW	100			10.00		54	42	48	64	5	34	30.00	30.11	24	BKN	250			10.00		54	42	48	64	5	34	30.00	30.11															
SUNRISE: 0628						MAR 18						SUNSET: 1831						SUNRISE: 0621						MAR 24						SUNSET: 1835																																																																																																																																																																																																																																
03	BKN	085			10.00		52	42	47	69	6	33	30.01	30.12	03	BKN	250			10.00		52	42	47	69	6	33	30.01	30.12	06	FEW	085			10.00		48	39	44	71	6	36	30.03	30.14	06	BKN	250			9.00		48	39	44	71	6	36	30.03	30.14	09	CLR	NC			10.00		55	37	47	51	6	03	30.06	30.18	09	OVC	250			10.00		55	37	47	51	6	03	30.06	30.18	12	CLR	NC			10.00		64	36	50	36	5	06	30.05	30.16	12	OVC	040			3.00	BR	64	36	50	36	5	06	30.05	30.16	15	CLR	NC			10.00		69	36	53	30	7	VR	29.96	30.06	15	OVC	031			4.00	-RA BR	69	36	53	30	7	VR	29.96	30.06	18	CLR	NC			10.00		67	35	51	31	5	30	29.92	30.02	18	OVC	013			3.00	BR	67	35	51	31	5	30	29.92	30.02	21	CLR	NC			10.00		53	41	47	64	8	11	29.95	30.06	21	OVC	005			1.50	BR	53	41	47	64	8	11	29.95	30.06	24	CLR	NC			10.00		50	46	48	86	0	00	29.94	30.05	24	OVC	009			0.50	-RA BR	50	46	48	86	0	00	29.94	30.05															

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2010

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)				
			Observation Time (LST)	Eff Clد Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
														WEATHER
SUNRISE: 0620 MAR 25 SUNSET: 1835														
03	OVC	035			2.00	RA BR	59	58	58	97	16	32	29.80	29.91
06	SCT	090			10.00		57	56	56	96	6	27	29.86	29.96
09	FEW	025			10.00		57	42	50	57	18	29	29.91	30.01
12	CLR	NC			10.00		64	42	53	45	17	31	29.88	29.98
15	FEW	035			10.00		68	46	56	45	20	31	29.83	29.94
18	SCT	250			10.00		64	45	54	50	15	31	29.85	29.96
21	BKN	250			10.00		57	45	51	64	5	31	29.91	30.02
24	SCT	250			10.00		50	46	48	86	0	00	29.95	30.06
SUNRISE: 0618 MAR 26 SUNSET: 1836														
03	SCT	250			10.00		49	44	47	83	3	30	29.93	30.04
06	FEW	250			10.00		48	44	46	86	5	33	29.95	30.06
09	CLR	NC			10.00		57	45	51	64	6	05	29.98	30.10
12	CLR	NC			10.00		63	42	52	46	0	00	29.95	30.06
15	CLR	NC			10.00		69	41	55	36	3	26	29.84	29.95
18	CLR	NC			10.00		69	43	55	39	7	12	29.79	29.90
21	CLR	NC			10.00		58	49	53	72	9	17	29.83	29.94
24	CLR	NC			10.00		55	51	53	86	6	17	29.80	29.91
SUNRISE: 0617 MAR 27 SUNSET: 1836														
03	BKN	250			10.00		55	52	53	90	8	16	29.71	29.81
06	BKN	250			10.00		58	55	56	90	0	00	29.77	29.88
09	BKN	017			10.00		64	57	60	78	11	16	29.80	29.90
12	FEW	037			10.00		74	56	63	54	10	21	29.76	29.87
15	BKN	041			10.00		77	58	65	52	9	21	29.69	29.80
18	SCT	250			10.00		77	57	65	50	7	23	29.70	29.81
21	SCT	080			10.00		69	62	65	79	9	23	29.80	29.91
24	CLR	NC			10.00		59	47	53	65	0	00	29.89	29.99
SUNRISE: 0616 MAR 28 SUNSET: 1837														
03	CLR	NC			10.00		58	42	50	55	6	31	29.88	29.99
06	CLR	NC			10.00		55	41	48	59	9	31	29.93	30.03
09	FEW	250			10.00		60	42	51	52	14	30	30.00	30.11
12	FEW	050			10.00		66	42	54	42	16	31	29.97	30.07
15	FEW	060			10.00		69	39	54	34	23	34	29.90	30.01
18	FEW	060			10.00		67	39	53	36	13	32	29.90	30.01
21	FEW	250			10.00		59	40	50	50	7	34	29.97	30.08
24	CLR	NC			10.00		53	41	47	64	3	31	30.00	30.11
SUNRISE: 0615 MAR 29 SUNSET: 1838														
03	CLR	NC			10.00		50	42	46	74	5	29	29.98	30.09
06	CLR	NC			10.00		46	41	44	83	0	00	29.98	30.10
09	CLR	NC			10.00		59	42	51	54	7	06	30.05	30.16
12	CLR	NC			10.00		67	39	53	36	3	VR	30.02	30.12
15	FEW	250			10.00		72	37	54	28	9	33	29.91	30.02
18	CLR	NC			10.00		71	40	55	33	3	23	29.87	29.98
21	CLR	NC			10.00		56	45	50	67	0	00	29.90	30.01
24	CLR	NC			10.00		56	48	52	75	5	18	29.91	30.02
SUNRISE: 0614 MAR 30 SUNSET: 1838														
03	CLR	NC			10.00		52	48	50	86	3	20	29.90	30.01
06	CLR	NC			10.00		47	47	47	100	3	17	29.89	30.00
09	FEW	250			10.00		64	54	58	70	10	21	29.96	30.06
12	FEW	250			10.00		74	47	59	38	8	18	29.95	30.06
15	CLR	NC			10.00		78	48	61	35	10	15	29.87	29.97
18	FEW	250			10.00		72	49	59	44	15	16	29.86	29.96
21	CLR	NC			10.00		62	50	55	65	9	17	29.89	29.99
24	CLR	NC			10.00		59	54	56	84	8	17	29.87	29.97

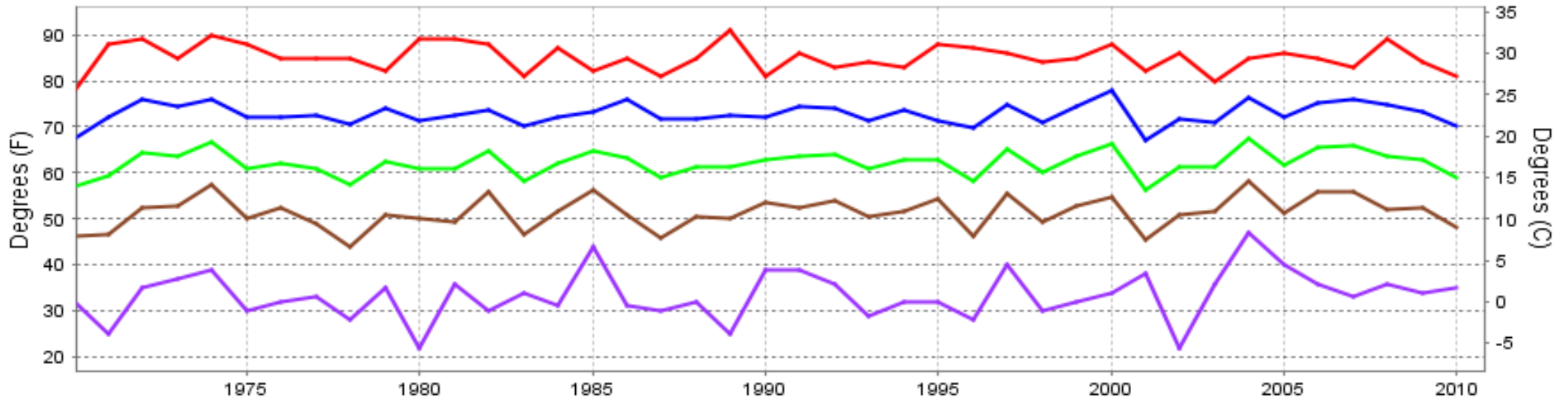
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)				
			Observation Time (LST)	Eff Clد Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
														WEATHER
SUNRISE: 0612 MAR 31 SUNSET: 1839														
03	SCT	017			10.00		56	53	54	90	5	16	29.86	29.97
06	FEW	024			10.00		57	55	56	93	5	16	29.87	29.98
09	SCT	250			10.00		67	58	62	73	13	18	29.91	30.02
12	FEW	030			10.00		77	57	65	50	11	19	29.90	30.01
15	FEW	035			10.00		79	59	67	50	11	18	29.86	29.97
18	FEW	040			10.00		71	59	64	66	15	16	29.87	29.98
21	OVC	023			10.00		67	58	62	73	15	17	29.90	30.01
24	BKN	013			10.00		64	59	61	84	11	17	29.91	30.01

3-HOURLY OBSERVATION NOTES
 Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8
 Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.
 & = Original observation contained additional weather elements.
 See page 3 for additional notes.

SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			53	47	50	80	29.89	30.00	8.84	5	2	22
02			53	47	50	82	29.88	29.99	8.83	4	2	21
03			52	47	49	83	29.87	29.98	8.75	5	2	23
04			52	47	49	85	29.87	29.98	8.84	5	1	18
05			51	47	49	85	29.88	29.99	8.68	5	1	19
06			51	47	49	86	29.89	30.00	8.60	4	2	21
07			51	47	49	87	29.91	30.02	7.92	5	3	24
08			55	48	51	80	29.92	30.03	8.35	7	1	18
09			58	48	53	70	29.93	30.04	8.68	9	1	20
10			61	47	54	62	29.93	30.04	8.90	9	2	22
11			64	47	55	57	29.93	30.04	9.45	10	2	22
12			65	46	55	53	29.91	30.02	9.32	10	2	23
13			67	46	56	50	29.89	30.00	9.61	12	2	23
14			67	46	56	49	29.86	29.97	9.77	12	3	24
15			68	46	56	48	29.85	29.95	9.74	11	2	23
16			68	46	56	49	29.84	29.95	9.71	12	2	24
17			67	45	56	49	29.83	29.95	9.61	11	1	22
18			65	46	55	53	29.84	29.95	9.58	11	1	21
19			62	46	54	59	29.85	29.96	9.66	9	1	18
20			59	47	53	66	29.87	29.98	9.53	8	1	17
21			58	47	53	70	29.88	29.99	9.53	8	1	16
22			57	48	52	73	29.90	30.01	9.44	7	1	21
23			56	47	51	75	29.90	30.01	9.34	5	2	22
24			55	47	51	78	29.89	30.00	9.06	5	2	22

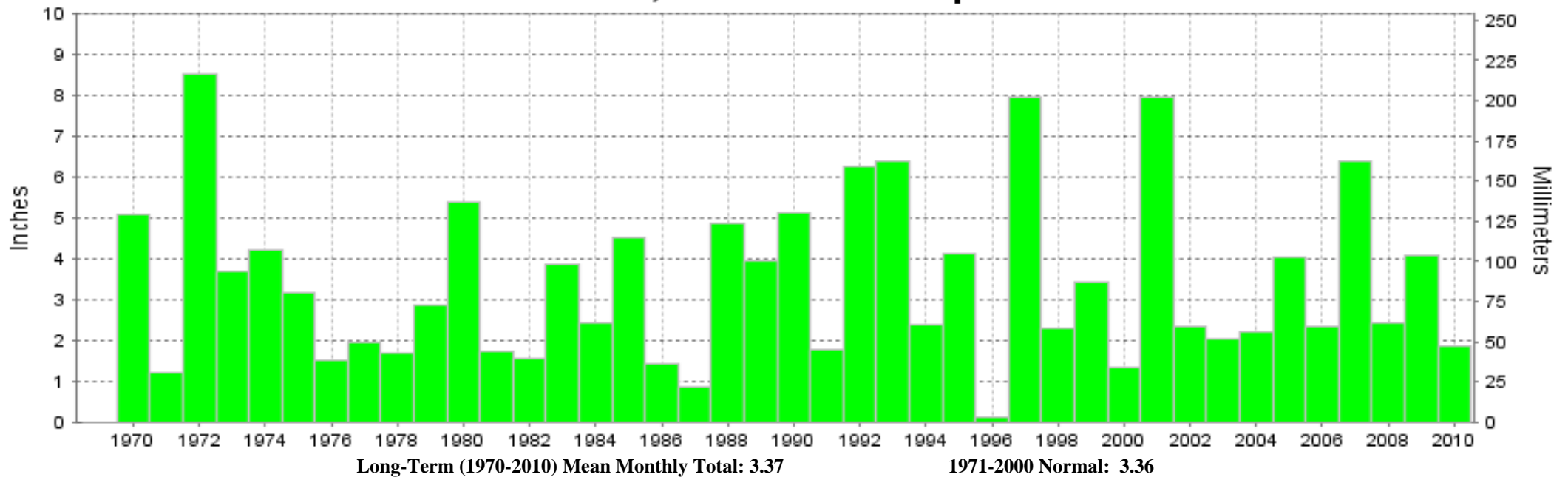
HOUSTON, TX MARCH Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1970-2010) Mean: 62.1
1971-2000 Normal: 62.3

HOUSTON, TX MARCH Precipitation



Long-Term (1970-2010) Mean Monthly Total: 3.37

1971-2000 Normal: 3.36



MARCH 2010
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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