



MARCH 2008 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					
																			5-SEC		2-MIN			
									DEPTH 11	WATER- EQUIV 12	SNOW- FALL 13	WATER EQUIV 14			SPEED 17	DIR 18	AVERAGE SPEED 19	SPEED 20	DIR 21	SPEED 22	DIR 23			
01	80	56	68	9	58	61	0	3	FG+ BR	0		0.0	0.00	30.13	30.20	6.6	13	7.2	21	13	18	13	01	
02	76	56	66	7	62	64	0	1	RA BR	0		0.0	T	29.83	29.92	13.8	16	13.9	37	14	28	15	02	
03	72	42	57	-3	52	55	8	0	RA BR	0		0.0	0.27	29.72	29.84	6.6	26	17.5	37	29	29	31	03	
04	64	37	51	-9	30	42	14	0		0		0.0	0.00	29.91	30.02	7.8	29	9.5	28	30	23	31	04	
05	73	38	56	-4	41	49	9	0		0		0.0	0.00	29.84	29.95	7.8	15	8.5	23	13	21	13	05	
06	71	44	58	-2	51	54	7	0	TS TSRA RA BR	0		0.0	0.90	29.76	29.88	3.2	07	10.4	29	01	24	01	06	
07	53	38	46*	-14	34	40	19	0	RA BR	0		0.0	T	29.94	30.06	12.4	31	14.4	43*	34	33*	36	07	
08	62	36*	49	-12	29	40	16	0		0		0.0	0.00	30.08	30.18	0.8	27	6.0	17	14	15	14	08	
09	72	41	57	-4	48	52	8	0		0		0.0	0.00	30.06	30.17	10.8	12	11.2	31	13	25	12	09	
10	69	53	61	0	53	55	4	0	TS TSRA RA BR SQ	0		0.0	0.88	30.13	30.23	4.4	05	9.0	36	01	29	01	10	
11	69	48	59	-2	47	52	6	0		0		0.0	0.00	30.08	30.20	5.6	35	6.5	21	02	15	36	11	
12	75	44	60	-2	45	52	5	0	MIFG BR	0		0.0	0.00	29.94	30.08	4.2	19	5.1	17	18	15	17	12	
13	74	49	62	0	58	60	3	0	RA BR	0		0.0	T	29.72	29.86	8.4	17	8.6	26	16	20	16	13	
14	88	67	78*	16	63	67	0	13	RA BR	0		0.0	T	29.52	29.67	8.2	20	9.0	22	18	17	20	14	
15	89*	60	75	13	50	60	0	10	BR	0		0.0	0.00	29.65	29.74	5.7	34	8.7	26	36	21	01	15	
16	77	53	65	3	54	59	0	0		0		0.0	0.00	29.83	29.92	17.0	11	18.1	35	14	29	12	16	
17	81	69	75	12	66	69	0	10	RA	0		0.0	T	29.73	29.86	21.0	14	21.2	38	18	32	13	17	
18	78	58	68	5	65	67	0	3	RA FG BR HZ	0		0.0	0.13	29.52	29.67	14.7	16	18.8	38	15	30	15	18	
19	70	52	61	-2	41	51	4	0	RA	0		0.0	T	29.95	30.02	13.5	32	14.4	32	30	26	35	19	
20	74	41	58	-5	39	49	7	0		0		0.0	0.00	30.14	30.24	4.6	14	5.6	20	12	14	13	20	
21	77	44	61	-2	48	54	4	0		0		0.0	0.00	29.99	30.13	4.6	17	5.4	22	21	16	18	21	
22	80	52	66	3	52	57	0	1		0		0.0	0.00	29.96	30.08	1.1	06	3.4	15	11	13	06	22	
23	73	53	63	0	38	51	2	0		0		0.0	0.00	30.16	30.25	11.3	03	12.4	28	36	23	36	23	
24	69	44	57	-7	34	46	8	0		0		0.0	0.00	30.25	30.37	2.2	10	6.9	20	13	16	14	24	
25	74	45	60	-4	48	55	5	0		0		0.0	0.00	30.10	30.24	11.1	17	11.2	26	15	22	16	25	
26	77	65	71	7	59	63	0	6		0		0.0	0.00	29.97	30.11	13.7	17	13.8	25	15	23	15	26	
27	82	65	74	9	60	64	0	9		0		0.0	0.00	29.80	29.92	11.1	17	11.4	28	16	23	15	27	
28	79	65	72	7	64	67	0	7	BR HZ	0		0.0	0.00	29.81	29.93	8.0	14	8.5	20	13	17	13	28	
29	83	64	74	9	66	68	0	9	RA BR HZ	0		0.0	0.02	29.88	29.98	9.5	12	11.1	23	12	20	13	29	
30	82	69	76	11	68	70	0	11	RA BR	0		0.0	0.19	29.86	29.97	12.3	15	12.9	28	16	23	15	30	
31	82	68	75	10	67	70	0	10	RA BR	0		0.0	0.02	29.81	29.93	12.3	16	12.7	28	15	23	15	31	
										< MONTHLY AVERAGES TOTALS >				0.0	2.41	29.90	30.02	4.4	15	10.8	< MONTHLY AVERAGES			
										<-----DEPARTURE FROM NORMAL ----->				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
										DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 0.90 DATE : 06				SEA LEVEL PRESSURE						
										MONTHLY				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.46 DATE 24 TIME 1053						
										TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.51 DATE 18 TIME 1753						
										SEASON TO DATE				NUMBER OF ->				MAXIMUM TEMP >= 90 : 0						
										HEATING : 129 COOLING : 93				MONTHLY				MINIMUM TEMP <= 32 : 0						
										TOTAL DEPARTURE				THUNDERSTORMS : 2				PRECIPITATION >= 0.01 INCH: 7						
										1133 -342				HEAVY FOG : 1				PRECIPITATION >= 0.10 INCH: 5						
										142 43				PRECIPITATION >= 1.0 INCH : 0										

**MARCH 2008
HOUSTON, TX**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MARCH 2008

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													01												01	0.00	0.00	
02												T	02	T	T	T	T								02	T	T	
03								0.01	0.03	T	0.23	03	T	T										03	0.27	0.27		
04													04											04	0.00	0.00		
05													05											05	0.00	0.00		
06													06		T	0.18	0.34	0.29	0.04	0.05	T			06	0.90	0.90		
07	T	T	T	T	T	T							07											07	T	T		
08													08											08	0.00	0.00		
09													09											09	0.00	0.00		
10										0.52	0.15		10	T	0.02	0.11	0.06	T	0.02	T	T			10	0.88	0.88		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13			T								13	T	T		
14				T	T	T							14											14	T	T		
15													15											15	0.00	0.00		
16													16											16	0.00	0.00		
17													17											17	T	T		
18	T	T											18	T	0.03	0.01	T		0.04	0.04			T	0.01	18	0.13	0.13	
19													19											19	T	T		
20													20											20	0.00	0.00		
21													21											21	0.00	0.00		
22													22											22	0.00	0.00		
23													23											23	T*	0.00		
24													24											24	0.00	0.00		
25													25											25	0.00	0.00		
26													26											26	0.00	0.00		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29					T	0.02	T						29											29	0.02	0.02		
30										0.01	T		30	T		T				T	0.02	0.10	0.05	0.01	30	0.19	0.19	
31	0.01	T	T		T								31		T	T			T	T	0.01	T		31	0.02	0.02		

* 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)	0.25	0.33	0.40	0.46	0.54	0.60	0.63	0.65	0.67	0.67	0.76	0.81
Ending Date	10	10	10	10	10	10	10	10	10	10	06	06
Ending Time (Hr/Min)	1037	1041	1046	1051	1101	1115	1126	1146	1158	1158	1855	1907

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 2008

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							0.00	10.00	
02							1.00	10.00	
03							2.50	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							2.50	10.00	
07							6.00	10.00	
08							7.00	10.00	
09							10.00	10.00	
10							1.50	10.00	
11							7.00	10.00	
12							4.00	10.00	
13							4.00	10.00	
14							6.00	10.00	
15							2.50	10.00	
16							7.00	10.00	
17							7.00	10.00	
18							0.50	10.00	
19							7.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							7.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							8.00	10.00	
28							5.00	10.00	
29							0.50	10.00	
30							2.00	10.00	
31							2.00	10.00	
MONTHLY AVGS							5.81	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		
1			10				16		

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2008

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																	
03	SCT	250			8.00	BR	56	55	55	96	3	VR	30.14	30.26	03	OVC	006			10.00	-RA	41	38	40	89	21	31	29.85	29.96
06	OVC	002			2.00	BR	60	59	59	97	0	00	30.16	30.27	06	OVC	010			10.00		39	36	38	89	16	31	29.84	29.95
09	OVC	002			0.00	BR	62	61	61	97	7	12	30.19	30.30	09	OVC	017			10.00		39	32	36	76	20	31	29.94	30.05
12	SCT	027			10.00		75	60	66	60	8	12	30.16	30.27	12	OVC	023			10.00		44	33	39	65	21	32	29.98	30.09
15	SCT	049			10.00		77	54	63	45	8	14	30.05	30.16	15	BKN	043			10.00		51	31	42	46	29	35	29.98	30.10
18	FEW	035			10.00		71	58	63	64	16	14	30.02	30.12	18	CLR	NC			10.00		51	28	41	41	9	33	30.02	30.13
21	CLR	NC			10.00		63	56	59	78	11	14	30.01	30.12	21	SCT	095			10.00		39	34	37	82	3	16	30.05	30.16
24	FEW	010			7.00		61	59	60	93	5	15	29.98	30.09	24	BKN	110			10.00		43	32	38	65	5	19	30.03	30.15
SUNRISE: 0646						MAR 02						SUNSET: 1820																	
03	CLR	NC			6.00	BR	57	57	57	100	0	00	29.91	30.02	03	SCT	120			10.00		40	32	37	73	6	32	30.08	30.19
06	CLR	NC			1.00	BR	61	60	60	97	0	00	29.89	29.99	06	CLR	NC			10.00		38	30	35	73	7	36	30.10	30.21
09	OVC	023			10.00		69	63	65	81	11	16	29.89	30.00	09	CLR	NC			10.00		45	26	37	47	7	01	30.14	30.26
12	OVC	060			10.00	-RA	74	61	66	64	13	17	29.84	29.94	12	CLR	NC			10.00		53	19	40	26	11	30	30.13	30.24
15	OVC	039			9.00	-RA	73	63	67	71	20	16	29.74	29.84	15	CLR	NC			10.00		60	24	45	25	0	00	30.03	30.15
18	OVC	050			10.00		72	63	66	73	17	15	29.72	29.83	18	CLR	NC			10.00		60	24	45	25	0	00	30.02	30.13
21	OVC	032			10.00		71	64	67	79	23	15	29.71	29.81	21	CLR	NC			10.00		50	35	43	57	9	17	30.06	30.18
24	OVC	033			10.00		71	64	67	79	17	17	29.70	29.81	24	CLR	NC			10.00		47	38	43	71	5	15	30.06	30.18
SUNRISE: 0645						MAR 03						SUNSET: 1821																	
03	OVC	060			10.00		71	64	67	79	17	16	29.63	29.73	03	CLR	NC			10.00		42	39	41	89	0	00	30.02	30.13
06	OVC	046			10.00		72	64	67	76	17	16	29.60	29.71	06	CLR	NC			10.00		44	42	43	93	5	10	30.03	30.15
09	OVC	026			2.50	RA BR	71	65	67	81	14	17	29.62	29.72	09	SCT	250			10.00		60	52	56	75	11	13	30.10	30.21
12	OVC	025			5.00	-RA BR	57	55	56	93	23	32	29.65	29.75	12	SCT	250			10.00		71	51	60	49	20	14	30.10	30.21
15	OVC	043			10.00		52	48	50	86	14	30	29.71	29.81	15	BKN	085			10.00		67	52	59	59	20	11	30.03	30.14
18	OVC	014			10.00		48	42	45	80	23	30	29.83	29.93	18	OVC	090			10.00		63	52	57	68	15	11	30.03	30.15
21	BKN	035			10.00		47	35	42	63	20	31	29.91	30.01	21	OVC	110			10.00		60	49	54	67	11	13	30.10	30.20
24	BKN	033			10.00		42	30	37	63	15	30	29.94	30.05	24	OVC	110			10.00		59	51	55	75	8	12	30.10	30.21
SUNRISE: 0644						MAR 04						SUNSET: 1822																	
03	CLR	NC			10.00		39	30	35	70	10	29	29.93	30.04	03	BKN	250			10.00		56	52	54	87	7	10	30.06	30.18
06	CLR	NC			10.00		38	30	35	73	7	27	29.96	30.07	06	BKN	250			10.00		58	53	55	84	7	11	30.09	30.19
09	CLR	NC			10.00		45	30	39	56	15	28	30.01	30.12	09	OVC	250			10.00		64	56	59	75	10	13	30.11	30.22
12	CLR	NC			10.00		59	23	44	25	20	31	29.96	30.07	12	OVC	042			4.00	TSRA BR	58	55	56	90	14	02	30.16	30.27
15	CLR	NC			10.00		62	25	46	24	13	31	29.88	29.99	15	OVC	065			4.00	-RA BR	57	54	55	90	10	35	30.14	30.25
18	CLR	NC			10.00		60	26	45	27	5	23	29.85	29.96	18	OVC	090			10.00	-RA	57	53	55	87	5	03	30.14	30.25
21	CLR	NC			10.00		46	33	40	61	3	13	29.84	29.95	21	OVC	024			10.00		56	53	54	90	7	33	30.16	30.27
24	CLR	NC			10.00		46	31	40	56	0	00	29.85	29.96	24	BKN	009			7.00		54	51	52	90	7	34	30.16	30.27
SUNRISE: 0643						MAR 05						SUNSET: 1822																	
03	CLR	NC			10.00		47	33	41	58	3	17	29.83	29.94	03	BKN	028			9.00		52	50	51	93	5	34	30.11	30.23
06	CLR	NC			10.00		40	36	38	86	0	00	29.85	29.96	06	OVC	024			9.00		54	51	52	90	5	30	30.14	30.25
09	CLR	NC			10.00		58	44	51	60	10	15	29.90	30.01	09	BKN	019			10.00		56	49	52	78	7	VR	30.16	30.27
12	CLR	NC			10.00		70	39	54	32	13	19	29.88	29.99	12	BKN	028			10.00		64	49	56	58	10	33	30.16	30.27
15	CLR	NC			10.00		71	43	56	37	11	13	29.80	29.90	15	FEW	033			10.00		67	44	55	44	10	36	30.05	30.16
18	CLR	NC			10.00		64	44	54	48	14	12	29.79	29.91	18	CLR	NC			10.00		64	41	52	43	7	36	30.01	30.11
21	FEW	250			10.00		57	50	53	78	8	14	29.84	29.95	21	CLR	NC			10.00		54	46	50	75	0	00	30.03	30.15
24	FEW	250			10.00		53	50	51	90	5	11	29.84	29.94	24	CLR	NC			10.00		49	45	47	86	0	00	30.03	30.15
SUNRISE: 0642						MAR 06						SUNSET: 1823																	
03	SCT	250			10.00		54	52	53	93	5	09	29.80	29.90	03	CLR	NC			9.00		45	43	44	93	0	00	30.01	30.12
06	BKN	065			7.00		54	52	53	93	6	04	29.82	29.93	06	CLR	NC			7.00	MIFG	45	44	45	96	0	00	30.01	30.13
09	BKN	250			10.00		63	58	60	84	11	10	29.82	29.93	09	CLR	NC			8.00		59	51	55	75	7	24	30.03	30.15
12	OVC	080			10.00		71	59	64	66	14	13	29.78	29.89	12	CLR	NC			10.00		70	45	57	41	7	22	30.02	30.13
15	OVC	090			10.00		68	59	63	73	9	12	29.66	29.77	15	FEW	250			10.00		75	40	57	28	0	00	29.92	30.03
18	OVC	055			2.50	+RA BR	48	46	47	93	20	30	29.75	29.86	18	FEW	250			10.00		71	41	55	34	10	16	29.88	29.98
21	OVC	080			10.00	-RA	46	44	45	93	14	36	29.79	29.91	21	SCT	250			10.00		61	47	54	60	11	17	29.89	30.00
24	OVC	007			10.00		47	43	45	86	8	28	29.81	29.92	24	BKN	250			10.00		57	51	54	80	5	17	29.88	29.99

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2008

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		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		
SUNRISE: 0634						MAR 13						SUNSET: 1828						SUNRISE: 0627						MAR 19						SUNSET: 1831					
03	BKN	250			8.00	51	49	50	93	3	13	29.82	29.93	03	OVC	038			10.00	56	49	52	78	14	29	29.68	29.79								
06	BKN	250			6.00	52	52	52	100	0	00	29.82	29.92	06	SCT	250			10.00	54	47	50	77	14	30	29.77	29.87								
09	BKN	250			10.00	64	58	60	81	9	15	29.81	29.91	09	BKN	028			10.00	57	44	50	62	20	31	29.91	30.02								
12	OVC	250			10.00	72	58	64	62	15	19	29.76	29.86	12	FEW	025			10.00	66	38	52	36	18	33	29.94	30.05								
15	OVC	075			10.00	72	59	64	64	15	17	29.68	29.79	15	CLR	NC			10.00	69	36	53	30	26	35	29.94	30.05								
18	OVC	023			10.00	70	63	66	79	9	16	29.66	29.77	18	CLR	NC			10.00	66	34	51	31	16	34	30.00	30.11								
21	OVC	030			10.00	68	63	65	84	6	17	29.69	29.80	21	CLR	NC			10.00	58	35	47	42	7	31	30.10	30.20								
24	OVC	011			9.00	69	65	66	87	8	18	29.67	29.78	24	CLR	NC			10.00	53	35	45	51	5	31	30.11	30.23								
SUNRISE: 0633						MAR 14						SUNRISE: 0626						MAR 20						SUNSET: 1832											
03	OVC	022			8.00	70	66	67	87	6	21	29.63	29.74	03	CLR	NC			10.00	49	35	43	59	0	00	30.11	30.22								
06	OVC	016			7.00	69	66	67	90	6	24	29.63	29.74	06	CLR	NC			10.00	43	37	40	79	0	00	30.16	30.27								
09	OVC	018			10.00	71	64	67	79	6	23	29.65	29.75	09	CLR	NC			10.00	59	44	51	58	7	12	30.19	30.31								
12	CLR	NC			9.00	79	64	69	60	9	18	29.60	29.71	12	CLR	NC			10.00	71	32	52	24	9	17	30.21	30.32								
15	CLR	NC			10.00	87	56	68	35	11	20	29.48	29.59	15	CLR	NC			10.00	73	31	53	21	7	VR	30.13	30.24								
18	CLR	NC			10.00	84	59	68	43	13	18	29.44	29.55	18	CLR	NC			10.00	68	44	55	42	10	12	30.10	30.21								
21	CLR	NC			7.00	68	64	66	87	10	18	29.46	29.57	21	CLR	NC			10.00	58	44	51	60	9	16	30.13	30.24								
24	CLR	NC			6.00	67	64	65	90	9	18	29.45	29.56	24	FEW	250			10.00	53	44	49	72	5	18	30.11	30.23								
SUNRISE: 0632						MAR 15						SUNRISE: 0624						MAR 21						SUNSET: 1833											
03	CLR	NC			6.00	65	61	63	87	0	00	29.44	29.55	03	CLR	NC			10.00	46	43	45	89	0	00	30.06	30.18								
06	CLR	NC			4.00	63	60	61	90	5	18	29.50	29.61	06	FEW	250			10.00	46	43	45	89	0	00	30.05	30.16								
09	CLR	NC			8.00	71	58	63	64	10	30	29.61	29.71	09	BKN	250			10.00	62	50	56	65	7	17	30.06	30.18								
12	CLR	NC			10.00	86	44	62	23	17	36	29.63	29.74	12	BKN	250			10.00	70	50	59	49	5	VR	30.06	30.16								
15	CLR	NC			10.00	88	39	61	18	15	35	29.64	29.75	15	BKN	250			10.00	75	50	61	42	8	17	29.97	30.08								
18	CLR	NC			10.00	81	35	57	19	8	36	29.68	29.79	18	SCT	250			10.00	72	50	60	46	7	16	29.92	30.03								
21	CLR	NC			10.00	69	45	56	42	7	34	29.76	29.87	21	SCT	250			10.00	61	52	56	72	6	16	29.98	30.09								
24	FEW	250			10.00	64	44	54	48	9	05	29.78	29.89	24	FEW	250			10.00	55	52	53	90	3	19	29.98	30.10								
SUNRISE: 0630						MAR 16						SUNRISE: 0623						MAR 22						SUNSET: 1833											
03	CLR	NC			10.00	61	46	53	58	10	05	29.77	29.88	03	SCT	250			8.00	54	52	53	93	0	00	29.97	30.08								
06	CLR	NC			10.00	56	48	52	75	9	10	29.81	29.92	06	BKN	250			7.00	54	51	52	90	0	00	29.98	30.10								
09	SCT	250			10.00	64	50	56	61	21	09	29.88	29.99	09	OVC	250			10.00	63	55	58	75	5	33	30.02	30.13								
12	BKN	250			10.00	76	53	63	45	31	12	29.90	30.01	12	SCT	250			10.00	73	53	61	50	3	VR	30.00	30.11								
15	OVC	250			10.00	72	55	62	55	26	12	29.83	29.94	15	FEW	060			10.00	77	51	62	40	8	10	29.91	30.02								
18	OVC	020			9.00	68	59	63	73	20	12	29.81	29.91	18	FEW	060			10.00	72	55	62	55	5	12	29.90	30.01								
21	OVC	016			10.00	68	60	63	76	17	12	29.84	29.95	21	SCT	250			10.00	63	54	58	73	3	12	29.94	30.05								
24	OVC	012			8.00	70	64	66	81	22	13	29.80	29.91	24	BKN	250			9.00	60	55	57	84	3	34	29.97	30.08								
SUNRISE: 0629						MAR 17						SUNRISE: 0622						MAR 23						SUNSET: 1834											
03	OVC	012			7.00	70	65	67	84	24	14	29.77	29.88	03	BKN	250			10.00	61	43	52	52	14	06	30.01	30.11								
06	BKN	250			9.00	69	64	66	84	20	13	29.78	29.89	06	BKN	250			10.00	58	33	47	39	9	05	30.06	30.18								
09	OVC	024			8.00	73	67	69	82	21	15	29.82	29.93	09	SCT	250			10.00	63	33	49	33	17	04	30.16	30.27								
12	OVC	250			10.00	78	68	71	71	18	15	29.79	29.89	12	OVC	250			10.00	69	33	52	26	11	04	30.16	30.27								
15	BKN	250			10.00	80	67	71	65	30	14	29.71	29.82	15	BKN	250			10.00	70	39	54	32	16	36	30.13	30.24								
18	BKN	250			8.00	75	68	70	79	18	13	29.70	29.81	18	BKN	250			10.00	65	39	52	39	20	01	30.16	30.27								
21	OVC	055			9.00	74	68	70	82	24	14	29.71	29.82	21	BKN	250			10.00	59	41	50	51	8	36	30.22	30.34								
24	OVC	024			8.00	73	68	70	84	20	13	29.70	29.81	24	BKN	250			10.00	54	37	46	53	9	36	30.27	30.38								
SUNRISE: 0628						MAR 18						SUNRISE: 0621						MAR 24						SUNSET: 1835											
03	OVC	021			7.00	73	68	70	84	21	14	29.64	29.74	03	SCT	250			10.00	48	34	42	59	3	34	30.27	30.38								
06	OVC	026			6.00	73	68	70	84	24	14	29.58	29.68	06	FEW	250			10.00	45	30	39	56	5	01	30.29	30.40								
09	OVC	024			6.00	77	68	71	74	23	16	29.58	29.69	09	CLR	NC			10.00	54	31	44	42	9	06	30.35	30.46								
12	OVC	033			5.00	76	67	70	74	24	16	29.55	29.65	12	CLR	NC			10.00	64	28	48	26	6	07	30.34	30.45								
15	OVC	031			3.00	73	69	70	87	16	16	29.45	29.55	15	FEW	250			10.00	66	26	48	22	9	16	30.24	30.35								
18	OVC	021			0.50	73	69	70	87	20	18	29.40	29.51	18	CLR	NC			10.00	63	35	50	35	13	12	30.19	30.31								
21	OVC	013			10.00	60	54	57	81	17	29	29.60	29.71	21	CLR	NC			10.00	56	40	48	55	7	17	30.22	30.34								
24	OVC	100			10.00	58	53	55	84	3	26	29.61	29.72	24	CLR	NC			10.00	54	41	48	62	8	17	30.21	30.32								

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2008

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)																														
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL																											
SUNRISE: 0620						MAR 25						SUNSET: 1835																													
03	CLR	NC				47	42	45	83	6	15	30.16	30.28	03	CLR	NC				49	42	46	77	0	00	30.14	30.27	06	CLR	NC				65	48	56	54	13	18	30.19	30.30
09	FEW	250				72	49	59	44	15	18	30.16	30.27	12	SCT	046				70	50	59	49	16	16	30.08	30.18	15	OVC	055				68	52	59	57	18	17	30.06	30.17
12	SCT	046				66	54	59	65	13	17	30.08	30.19	18	BKN	060				66	54	59	65	13	17	30.08	30.19	21	BKN	060				66	56	60	70	10	17	30.06	30.17
15	OVC	055												24	BKN	060												24	BKN	060											
SUNRISE: 0618						MAR 26						SUNSET: 1836																													
03	BKN	055				65	58	61	78	10	16	30.02	30.13	03	BKN	055				66	58	61	76	9	17	30.03	30.14	06	BKN	050				71	60	64	68	17	16	30.05	30.16
06	BKN	050				76	60	66	58	17	16	30.03	30.15	12	BKN	050				75	60	66	60	14	17	29.97	30.08	15	OVC	049				71	59	64	66	18	17	29.95	30.06
09	BKN	055				68	60	63	76	14	17	29.96	30.07	18	OVC	029				67	60	63	78	15	17	29.89	30.00	21	BKN	055											
12	BKN	050												24	SCT	050												24	SCT	050											
SUNRISE: 0617						MAR 27						SUNSET: 1836																													
03	OVC	027				67	61	63	81	9	18	29.86	29.97	03	OVC	027				65	61	63	87	7	17	29.83	29.94	06	BKN	026				70	61	65	73	10	17	29.87	29.98
06	BKN	026				78	58	66	50	16	18	29.84	29.95	12	SCT	035				81	58	67	46	17	16	29.75	29.86	15	BKN	250				74	58	64	58	13	17	29.72	29.83
09	BKN	250				69	61	64	76	11	17	29.76	29.86	18	BKN	250				69	61	64	76	11	17	29.76	29.86	21	BKN	250				69	64	66	84	6	VR	29.76	29.87
12	SCT	035												24	BKN	026												24	BKN	026											
SUNRISE: 0616						MAR 28						SUNSET: 1837																													
03	BKN	250				68	64	66	87	7	17	29.75	29.86	03	BKN	250				68	64	66	87	7	17	29.75	29.86	06	BKN	250				68	65	66	90	6	16	29.78	29.88
06	BKN	250				72	65	68	79	10	18	29.83	29.93	09	OVC	050				72	65	68	79	10	18	29.83	29.93	12	OVC	250				78	63	68	60	8	15	29.84	29.94
09	OVC	050				76	65	69	69	14	13	29.80	29.90	15	OVC	250				73	65	68	76	16	14	29.82	29.93	18	OVC	250				68	65	66	90	8	15	29.88	29.98
12	OVC	250				68	65	66	90	8	14	29.86	29.96	21	BKN	250				68	65	66	90	8	14	29.86	29.96	24	BKN	250											
15	OVC	250												24	BKN	250												24	BKN	250											
SUNRISE: 0615						MAR 29						SUNSET: 1838																													
03	BKN	250				68	66	67	93	6	35	29.87	29.98	03	BKN	250				68	66	67	93	6	35	29.87	29.98	06	OVC	038				67	66	66	97	10	09	29.88	29.99
06	OVC	038				72	68	69	87	11	14	29.92	30.03	09	BKN	250				72	68	69	87	11	14	29.92	30.03	12	BKN	250				79	65	70	62	13	12	29.90	30.01
09	BKN	250				78	67	71	69	17	14	29.84	29.95	15	BKN	055				78	67	71	69	17	14	29.84	29.95	18	SCT	250				76	65	69	69	13	13	29.84	29.95
12	BKN	250				71	68	69	90	13	11	29.87	29.98	21	BKN	250				71	68	69	90	13	11	29.87	29.98	24	OVC	012				72	68	69	87	11	13	29.88	29.98
15	BKN	055												24	OVC	012												24	OVC	012											
SUNRISE: 0614						MAR 30						SUNSET: 1838																													
03	OVC	012				73	69	70	87	9	15	29.85	29.96	03	OVC	012				73	69	70	87	9	15	29.85	29.96	06	OVC	012				73	68	70	84	9	17	29.87	29.98
06	OVC	012				75	68	70	79	11	18	29.89	30.00	09	BKN	050				75	68	70	79	11	18	29.89	30.00	12	BKN	060				78	67	71	69	15	16	29.89	30.00
09	BKN	050				80	65	70	60	18	17	29.84	29.95	15	BKN	070				80	65	70	60	18	17	29.84	29.95	18	BKN	250				78	68	71	71	15	16	29.82	29.93
12	BKN	060				71	69	70	93	9	12	29.87	29.98	21	BKN	250				71	69	70	93	9	12	29.87	29.98	24	OVC	005				69	67	68	93	15	12	29.87	29.98
15	BKN	070												24	OVC	005												24	OVC	005											
18	BKN	250												24	OVC	005												24	OVC	005											
21	OVC	005												24	OVC	005												24	OVC	005											
24	OVC	005												24	OVC	005												24	OVC	005											

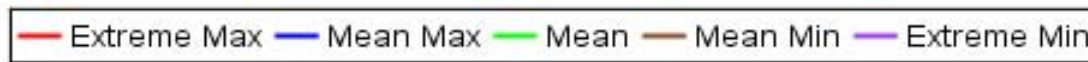
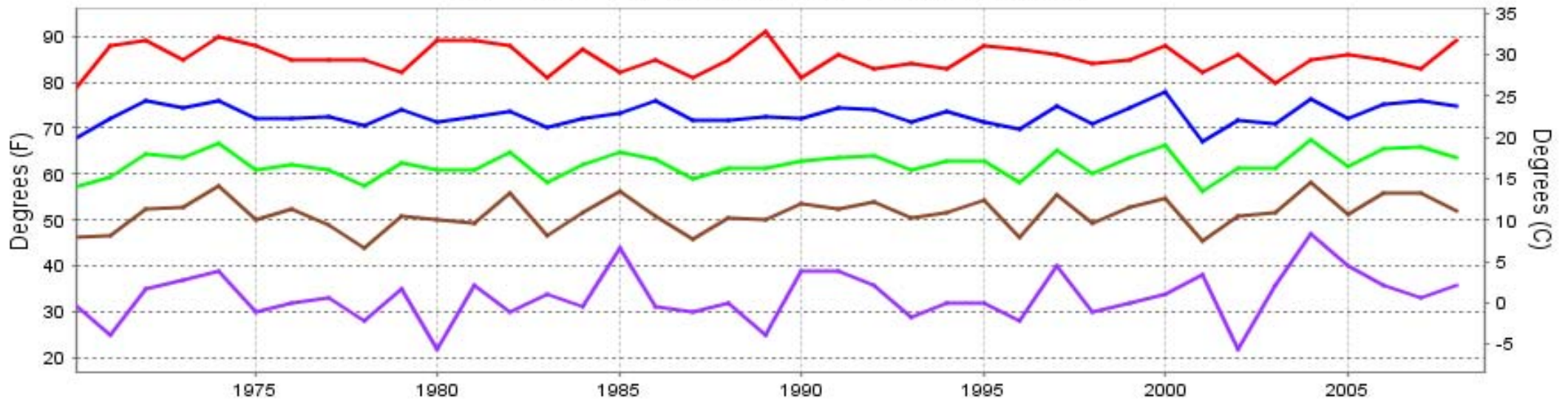
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)																														
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL																											
SUNRISE: 0612						MAR 31						SUNSET: 1839																													
03	OVC	008				69	67	68	93	13	13	29.84	29.94	03	OVC	008				69	67	68	93	13	13	29.84	29.94	06	OVC	030				71	68	69	90	14	15	29.83	29.94
06	OVC	030				74	66	69	76	18	16	29.85	29.96	09	BKN	028				74	66	69	76	18	16	29.85	29.96	12	BKN	035				80	65	70	60	16	16	29.84	29.94
09	BKN	028				78	66	70	67	13	16	29.79	29.90	15	OVC	060				78	66	70	67	13	16	29.79	29.90	18	OVC	040				74	69	71	84	13	16	29.79	29.89
12	BKN	035				73	69	70	87	8	16	29.81	29.92	21	OVC	011				73	69	70	87	8	16	29.81	29.92	24	OVC	012				73	69	70	87	7	18	29.82	29.93
15	OVC	060												24	OVC	012												24	OVC	012											

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

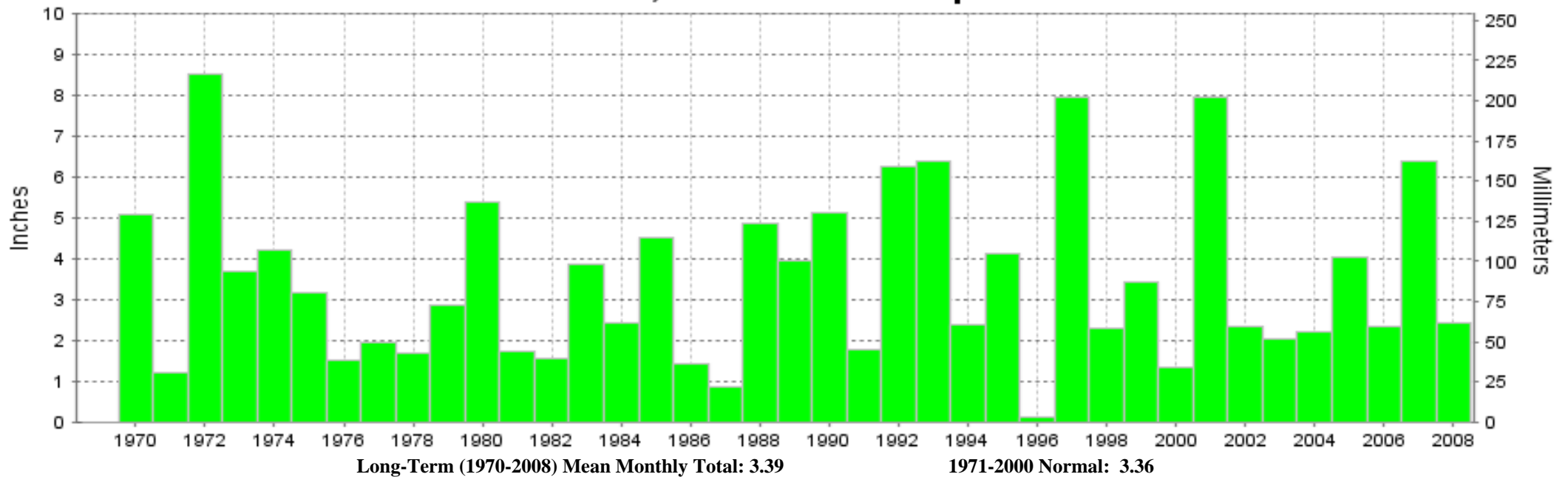
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			58	51	54	79	29.92	30.03	9.00	9	4	16
02			57	51	54	81	29.91	30.02	8.56	8	4	16
03			57	51	54	82	29.90	30.01	8.87	7	5	16
04			57	51	54	83	29.90	30.01	8.65	7	5	17
05			56	51	54	83	29.90	30.01	8.35	7	5	16
06			56	51	54	84	29.91	30.02	8.06	7	6	16
07			57	51	54	84	29.93	30.04	7.53	7	5	16
08			60	53	56	79	29.94	30.05	8.05	10	4	15
09			63	53	58	70	29.95	30.06	8.63	12	4	15
10			67	52	59	62	29.96	30.07	9.15	13	4	15
11			69	51	59	56	29.96	30.07	9.11	14	4	16
12			71	50	60	52	29.94	30.05	9.42	14	4	16

HOUSTON, TX MARCH Temperatures



Long-Term (1970-2008) Mean: 62.2
1971-2000 Normal: 62.3

HOUSTON, TX MARCH Precipitation



Long-Term (1970-2008) Mean Monthly Total: 3.39

1971-2000 Normal: 3.36



MARCH 2008
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.


DIRECTOR

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost for online delivery (including back issues) is significantly less than the cost for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov and choose subscriptions.

We welcome your questions or comments, please contact us at:

Toll Free Number (866) 742-3322 (voice)

Fax Number : (304) 726-4409

TDD : (828) 271-4010

or Email : ncdc.info@noaa.gov

Local Climatological Data is available at www.ncdc.noaa.gov

United States
Department of Commerce

National Oceanic and
Atmospheric Administration

National Environmental Satellite
Atmospheric Administration

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS, PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19