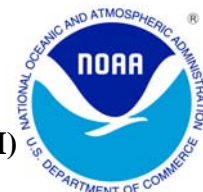




MARCH 2012 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
 Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 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	82	70	76	17	66	69	0	11	RA BR HZ	0		0.0	T	29.73	29.86	8.0	18	7.8	25	20	17	17	01	
02	83	66	75	16	64	68	0	10	RA	0		0.0	T	29.62	29.73	5.7	20	8.5	29	22	20	21	02	
03	67	49	58	-2	36	49	7	0	RA	0		0.0	T	29.91	29.98	11.8	35	12.4	32	36	24	36	03	
04	73	42*	58	-2	34	47	7	0		0		0.0	0.00	30.11	30.20	3.8	23	4.4	18	21	13	28	04	
05	78	44	61	1	43	52	4	0		0		0.0	0.00	30.20	30.31	4.2	17	4.9	20	16	17	16	05	
06	75	52	64	4	53	58	1	0		0		0.0	0.00	30.07	30.20	12.0	15	12.6	36	15	29	15	06	
07	78	67	73	13	61	65	0	8	RA BR	0		0.0	0.12	29.92	30.05	15.8	15	16.0	35	14	26	15	07	
08	80	57	69	8	66	68	0	4	RA BR	0		0.0	0.01	29.91	30.02	10.2	17	12.5	30	16	22	17	08	
09	58	49	54*	-7	49	51	11	0	TS TSRA RA BR	0		0.0	1.14	30.13	30.22	13.0	02	14.0	35	05	28	05	09	
10	63	50	57	-4	50	53	8	0	RA BR	0		0.0	0.65	30.03	30.16	8.8	08	9.6	22	10	18	10	10	
11	71	56	64	3	61	63	1	0	TS TSRA RA BR	0		0.0	2.81	29.91	30.03	3.1	16	5.6	30	27	16	15	11	
12	79	57	68	6	63	65	0	3	FG+ FG BR HZ	0		0.0	0.00	29.96	30.07	2.4	19	3.4	18	16	15	16	12	
13	79	67	73	11	67	69	0	8	RA BR HZ	0		0.0	0.01	30.01	30.11	6.3	14	6.7	21	15	18	15	13	
14	81	66	74	12	67	69	0	9	BR	0		0.0	0.00	30.01	30.13	10.0	14	10.2	25	14	21	14	14	
15	82	68	75	13	66	69	0	10	RA	0		0.0	T	30.03	30.14	8.5	15	8.8	24	15	21	15	15	
16	82	65	74	12	64	68	0	9	BR	0		0.0	0.00	29.99	30.11	9.5	15	9.7	24	15	20	14	16	
17	81	68	75	12	66	69	0	10		0		0.0	0.00	29.95	30.06	9.6	14	10.0	26	15	22	13	17	
18	82	71	77	14	66	70	0	12	RA	0		0.0	T	29.89	30.01	14.1	16	14.4	31	14	24	13	18	
19	81	73	77*	14	67	70	0	12	RA	0		0.0	0.07	29.70	29.84	19.5	16	19.7	40*	16	32*	15	19	
20	74	59	67	4	60	62	0	2	TS TSRA RA FG+ FG BR	0		0.0	1.80	29.64	29.76	4.0	10	11.1	37	15	29	15	20	
21	73	54	64	1	47	55	1	0	RA	0		0.0	0.06	29.79	29.89	3.8	23	6.7	29	27	21	29	21	
22	81	57	69	6	52	59	0	4		0		0.0	0.00	29.82	29.92	5.4	19	6.6	23	17	16	17	22	
23	84	54	69	6	52	59	0	4		0		0.0	0.00	29.86	29.98	0.2	01	1.9	15	32	14	32	23	
24	84	57	71	7	57	63	0	6	BR	0		0.0	0.00	29.88	29.99	0.6	25	1.8	13	10	8	24	24	
25	86	59	73	9	59	64	0	8		0		0.0	0.00	29.90	30.01	0.2	19	2.3	10	19	8	11	25	
26	85	59	72	8	57	63	0	7		0		0.0	0.00	29.91	30.03	2.4	15	3.2	16	12	13	12	26	
27	83	59	71	6	59	63	0	6		0		0.0	0.00	29.93	30.05	5.6	16	6.0	22	19	17	12	27	
28	80	60	70	5	63	65	0	5	RA BR	0		0.0	0.06	29.88	30.01	5.1	14	5.3	20	12	17	12	28	
29	76	66	71	6	66	67	0	6	TS TSRA RA FG+ BR	0		0.0	0.41	29.78	29.91	5.0	14	5.2	31	14	28	14	29	
30	82	66	74	9	66	69	0	9	BR	0		0.0	0.00	29.73	29.85	3.7	18	4.4	15	15	10	16	30	
31	86*	65	76	11	67	70	0	11		0		0.0	0.00	29.75	29.86	5.9	17	6.1		13	17	31		

78.4	59.7	69.1	☼	58.5	62.9	1.3	5.6	< MONTHLY AVERAGES TOTALS >				0.0	7.14	29.90	30.02	4.9	15	8.1	< MONTHLY AVERAGES			
5.4	7.2	6.4		<----- DEPARTURE FROM NORMAL ----->								3.73	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 2.81 DATE : 11				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY								GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.38				05 1123						
SEASON TO DATE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.66				20 0436						
TOTAL DEPARTURE				TOTAL DEPARTURE				NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 11								
HEATING : 40				-101				965		-510		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 6						
COOLING : 174				103				260		161		THUNDERSTORMS : 4		HEAVY FOG : 3		SNOWFALL >= 1.0 INCH : 0						

**MARCH 2012
HOUSTON, TX**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MARCH 2012

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			T		01												01	T	T	
02													02									T	T		02	T	T	
03					T								03												03	T	T	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07			0.01	0.10	0.01	T	T	T	T	T		07	0.12	0.12	
08						T	T						08		0.01	T	T	T	T	T	T	T	T		08	0.01	0.01	
09	0.01	0.06	T		T	T	T	0.03					09	T	T	0.10	0.01	0.61	0.06	0.11	0.02	0.08		09	1.14	1.14		
10	0.02	T	0.04	0.02	T	0.06	0.09	0.19	0.11	0.02	0.03	0.02	10	T	T			T	T					10	0.65	0.65		
11			T	T	T	T	0.41	0.78	0.11	0.27	0.27	0.77	11	0.08	0.10	0.02	T	T						11	2.81	2.81		
12													12												12	0.00	0.00	
13													13	T	T	0.01									13	0.01	0.01	
14													14												14	0.00	0.00	
15													15	T											15	T	T	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	T	T	
19								T	T				19	T		T	0.01	0.04	0.02	T	T	T	T		19	0.07	0.07	
20							T	1.26	0.32	0.06	0.10	0.02	20	0.02	T	0.01	T	0.01	T					20	1.80	1.80		
21			T	T	0.06	T							21												21	0.06	0.06	
22													22												22	0.00	0.00	
23													23												23	0.00	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				T	0.06	T						28	0.06	0.06	
29						0.02					T	T	29	T	0.19	T			0.20						29	0.41	0.41	
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)	0.23	0.38	0.57	0.66	0.98	1.22	1.42	1.48	1.56	1.60	1.63	1.67
Ending Date	20	11	11	20	20	20	20	20	20	20	20	20
Ending Time (Hr/Min)	0751	1110	1113	0750	0750	0801	0809	0827	0847	0906	0925	1009

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 1981-2010

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 2012

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							2.00	10.00	
02							8.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							3.00	10.00	
08							7.00	10.00	
09							1.00	10.00	
10							6.00	10.00	
11							0.25	10.00	
12							0.25	10.00	
13							1.00	10.00	
14							1.00	10.00	
15							8.00	10.00	
16							6.00	10.00	
17							9.00	10.00	
18							10.00	10.00	
19							7.00	10.00	
20							0.50	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							0.25	10.00	
25							8.00	10.00	
26							9.00	10.00	
27							9.00	10.00	
28							6.00	10.00	
29							5.00	10.00	
30							0.50	10.00	
31							9.00	10.00	
MONTHLY AVGS							6.02	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 10 17									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2012

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
SUNRISE: 0648						MAR 01						SUNSET: 1820																
03	OVC	020			8.00	71	66	68	84	0	00	29.81	29.92	03	BKN	250			10.00	67	59	62	76	14	16	29.97	30.08	
06	OVC	026			8.00	71	67	68	87	3	17	29.82	29.92	06	BKN	250			10.00	67	56	61	68	8	16	29.97	30.08	
09	OVC	022			2.00	72	68	69	87	5	18	29.84	29.95	09	OVC	060			10.00	72	59	64	64	18	15	29.98	30.09	
12	OVC	030			9.00	75	67	70	76	6	18	29.81	29.92	12	BKN	250			10.00	76	59	66	56	16	16	29.97	30.08	
15	SCT	250			10.00	80	64	70	58	9	20	29.70	29.81	15	OVC	060			10.00	76	62	67	62	17	15	29.90	30.01	
18	BKN	250			10.00	76	65	69	69	15	17	29.68	29.78	18	OVC	030			7.00	70	66	67	87	17	14	29.87	29.98	
21	BKN	250			10.00	73	67	69	82	10	18	29.67	29.78	21	OVC	024			8.00	-RA	71	67	68	87	14	15	29.90	30.01
24	BKN	021			10.00	73	67	69	82	10	18	29.64	29.75	24	OVC	017			10.00	73	67	69	82	18	16	29.89	30.00	
SUNRISE: 0646						MAR 02						SUNSET: 1820																
03	OVC	018			10.00	73	67	69	82	8	19	29.60	29.71	03	OVC	017			10.00	72	66	68	82	15	16	29.90	30.01	
06	BKN	250			10.00	71	66	68	84	5	18	29.61	29.72	06	OVC	025			10.00	72	66	68	82	11	17	29.89	30.00	
09	BKN	250			8.00	74	66	69	76	9	21	29.66	29.76	09	OVC	031			10.00	74	66	69	76	21	17	29.90	30.01	
12	BKN	250			10.00	80	65	70	60	11	23	29.65	29.75	12	OVC	030			10.00	76	66	70	71	10	15	29.90	30.01	
15	BKN	065			10.00	81	65	71	58	9	20	29.58	29.68	15	OVC	035			10.00	77	68	71	74	13	17	29.86	29.97	
18	BKN	150			10.00	79	66	70	65	5	20	29.57	29.68	18	OVC	040			9.00	75	69	71	82	9	17	29.88	29.99	
21	OVC	075			10.00	74	68	70	82	5	19	29.62	29.73	21	OVC	014			10.00	74	69	71	84	6	19	29.92	30.03	
24	OVC	035			10.00	67	45	55	45	11	02	29.66	29.77	24	OVC	017			8.00	-RA	57	54	55	90	13	34	30.02	30.12
SUNRISE: 0645						MAR 03						SUNSET: 1821																
03	OVC	035			10.00	64	42	53	45	17	01	29.67	29.78	03	OVC	008			10.00	58	54	56	87	15	01	30.02	30.12	
06	BKN	049			10.00	59	40	50	50	14	36	29.77	29.88	06	OVC	011			10.00	-RA	55	51	53	86	15	01	30.06	30.18
09	OVC	070			10.00	57	40	49	53	21	35	29.87	29.98	09	OVC	009			10.00	53	49	51	86	18	02	30.14	30.24	
12	BKN	110			10.00	60	40	50	48	17	02	29.90	30.01	12	OVC	013			10.00	-RA	50	46	48	86	18	03	30.19	30.30
15	CLR	NC			10.00	66	27	48	23	10	34	29.87	29.98	15	OVC	024			5.00	+RA BR	51	47	49	86	15	05	30.11	30.22
18	SCT	030			10.00	64	25	47	23	15	34	29.93	30.03	18	OVC	065			6.00	-RA BR	50	46	48	86	17	35	30.16	30.27
21	FEW	250			10.00	55	30	44	39	3	30	30.03	30.15	21	OVC	075			8.00	-RA	50	47	49	90	9	04	30.16	30.28
24	CLR	NC			10.00	50	32	42	50	0	00	30.08	30.19	24	OVC	005			10.00	50	47	49	90	10	04	30.14	30.25	
SUNRISE: 0644						MAR 04						SUNSET: 1822																
03	FEW	250			10.00	44	36	41	74	0	00	30.08	30.19	03	OVC	021			10.00	-RA	50	46	48	86	9	06	30.10	30.22
06	FEW	250			10.00	43	35	40	73	0	00	30.10	30.21	06	OVC	021			8.00	-RA	50	46	48	86	6	07	30.11	30.22
09	CLR	NC			10.00	57	34	46	42	7	26	30.16	30.27	09	OVC	110			8.00	RA	51	47	49	86	13	05	30.13	30.24
12	CLR	NC			10.00	68	29	50	23	7	29	30.14	30.26	12	OVC	055			10.00		53	49	51	86	11	09	30.09	30.20
15	CLR	NC			10.00	72	28	51	19	8	27	30.06	30.17	15	OVC	012			10.00		58	52	55	81	7	08	30.03	30.14
18	CLR	NC			10.00	69	30	51	23	7	24	30.06	30.17	18	OVC	017			10.00	-RA	58	53	55	84	13	09	29.98	30.09
21	CLR	NC			10.00	62	39	51	43	7	20	30.11	30.22	21	OVC	014			10.00		60	54	57	81	11	10	29.98	30.10
24	CLR	NC			10.00	55	43	49	64	6	20	30.14	30.26	24	OVC	012			10.00		62	57	59	84	9	11	29.98	30.08
SUNRISE: 0643						MAR 05						SUNSET: 1822																
03	CLR	NC			10.00	54	44	49	69	3	21	30.16	30.26	03	OVC	006			9.00		63	60	61	90	9	12	29.93	30.03
06	CLR	NC			10.00	47	43	45	86	0	00	30.19	30.30	06	OVC	006			1.50	-RA BR	68	66	67	93	11	14	29.90	30.01
09	CLR	NC			10.00	59	48	53	67	0	00	30.26	30.37	09	OVC	015			1.50	RA BR	70	67	68	90	14	17	29.91	30.01
12	CLR	NC			10.00	74	44	58	34	0	00	30.26	30.37	12	OVC	070			1.25	-TSRA	64	62	63	93	6	29	29.94	30.04
15	CLR	NC			10.00	77	37	56	24	8	14	30.19	30.29	15	OVC	025			8.00	-RA	63	60	61	90	0	00	29.90	30.01
18	CLR	NC			10.00	72	37	54	28	11	17	30.18	30.29	18	OVC	130			10.00		65	61	63	87	0	00	29.89	30.00
21	CLR	NC			10.00	62	48	55	60	7	17	30.21	30.32	21	OVC	040			10.00		64	62	63	93	0	00	29.90	30.01
24	CLR	NC			10.00	57	50	53	78	0	00	30.21	30.32	24	SCT	002			6.00	BR	57	55	56	93	0	00	29.92	30.03
SUNRISE: 0642						MAR 06						SUNSET: 1823																
03	CLR	NC			10.00	55	51	53	86	3	16	30.14	30.25	03	BKN	002			0.75	BR	58	56	57	93	0	00	29.92	30.03
06	BKN	040			10.00	58	53	55	84	3	15	30.13	30.23	06	VV	002			0.50	FG	59	58	58	97	3	35	29.95	30.06
09	BKN	250			10.00	67	55	60	66	10	16	30.16	30.27	09	OVC	002			0.25	FG	62	60	61	93	0	00	30.00	30.11
12	OVC	055			10.00	72	50	60	46	18	18	30.14	30.26	12	OVC	008			7.00		69	64	66	84	3	23	30.01	30.12
15	OVC	250			10.00	74	49	60	41	17	18	30.05	30.16	15	BKN	050			10.00		77	66	70	69	6	22	29.95	30.06
18	BKN	250			10.00	69	56	61	63	21	14	30.03	30.13	18	SCT	050			10.00		78	66	70	67	5	20	29.93	30.04
21	BKN	250			10.00	66	59	62	78	15	13	30.03	30.14	21	SCT	030			10.00		70	66	67	87	3	19	29.98	30.09
24	BKN	055			10.00	67	59	62	76	17	15	30.02	30.12	24	OVC	004			1.00	BR	70	67	68	90	9	16	30.00	30.11

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2012

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																	
03	OVC	009			1.00	BR	69	66	67	90	3	13	29.98	30.10	03	SCT	026			10.00	RA	74	67	69	79	16	16	29.79	29.90
06	OVC	008			1.50	BR	70	67	68	90	0	00	29.98	30.10	06	BKN	033			10.00		74	66	69	76	10	17	29.79	29.90
09	OVC	013			3.00	HZ	74	68	70	82	9	16	30.03	30.14	09	BKN	150			10.00		76	66	70	71	29	15	29.79	29.90
12	OVC	027			10.00		76	67	70	74	9	16	30.05	30.16	12	BKN	045			10.00		80	65	70	60	25	18	29.78	29.89
15	BKN	048			10.00		77	70	72	79	8	12	29.98	30.10	15	BKN	065			10.00	RA	77	67	70	71	22	15	29.69	29.80
18	SCT	100			10.00		75	67	70	76	13	13	29.98	30.09	18	OVC	070			10.00		74	68	70	82	17	15	29.65	29.76
21	BKN	250			10.00		69	67	68	93	6	13	30.01	30.12	21	OVC	028			10.00		75	67	70	76	24	15	29.65	29.75
24	OVC	027			7.00		69	66	67	90	3	15	30.02	30.13	24	OVC	035			10.00		74	66	69	76	28	15	29.62	29.72
SUNRISE: 0633						MAR 14						SUNSET: 1828																	
03	BKN	030			10.00		69	66	67	90	5	17	30.00	30.10	03	BKN	030			10.00		73	65	68	76	20	15	29.56	29.67
06	BKN	023			7.00		67	65	66	93	3	15	30.00	30.10	06	OVC	090			10.00		73	64	67	74	15	15	29.60	29.70
09	BKN	018			7.00		72	68	69	87	9	14	30.05	30.16	09	OVC	090			4.00	TSRA BR	60	57	58	90	14	36	29.67	29.78
12	BKN	250			10.00		79	65	70	62	9	14	30.05	30.16	12	OVC	110			10.00	-RA	61	58	59	90	11	05	29.62	29.72
15	BKN	250			10.00		80	66	71	62	17	13	30.00	30.11	15	BKN	100			10.00		63	57	60	81	7	31	29.63	29.74
18	BKN	250			10.00		75	67	70	76	16	13	30.01	30.11	18	OVC	250			10.00		62	57	59	84	3	03	29.67	29.78
21	BKN	025			10.00		72	68	69	87	14	15	30.03	30.14	21	BKN	110			10.00		61	58	59	90	7	32	29.70	29.80
24	OVC	028			10.00		72	68	69	87	8	15	30.03	30.13	24	BKN	110			10.00		60	57	58	90	7	01	29.71	29.81
SUNRISE: 0632						MAR 15						SUNSET: 1829																	
03	OVC	046			10.00		72	67	69	84	5	17	30.01	30.12	03	BKN	100			10.00		60	57	58	90	7	28	29.76	29.87
06	BKN	018			10.00		70	66	67	87	8	14	30.03	30.14	06	OVC	080			10.00		55	48	51	77	6	05	29.79	29.89
09	BKN	250			10.00		73	67	69	82	7	14	30.09	30.20	09	BKN	250			10.00		58	49	53	72	0	00	29.79	29.90
12	BKN	250			10.00		79	65	70	62	14	15	30.08	30.19	12	OVC	140			10.00		65	44	54	47	9	25	29.80	29.91
15	BKN	250			10.00		79	64	69	60	15	16	30.01	30.12	15	SCT	250			10.00		71	43	56	37	13	23	29.72	29.83
18	SCT	250			10.00		78	63	68	60	14	16	29.98	30.10	18	SCT	250			10.00		70	40	55	34	6	25	29.76	29.87
21	SCT	250			10.00		71	66	68	84	6	16	30.03	30.15	21	FEW	250			10.00		63	47	54	56	9	17	29.84	29.95
24	SCT	025			10.00		69	66	67	90	5	13	30.03	30.14	24	CLR	NC			10.00		61	47	54	60	8	17	29.84	29.95
SUNRISE: 0630						MAR 16						SUNSET: 1830																	
03	OVC	028			10.00		66	65	65	97	3	11	30.01	30.11	03	CLR	NC			10.00		59	49	54	70	7	17	29.78	29.89
06	BKN	041			7.00		68	66	67	93	6	12	30.03	30.14	06	CLR	NC			10.00		59	50	54	72	3	20	29.81	29.92
09	BKN	250			10.00		74	66	69	76	14	14	30.06	30.17	09	SCT	250			10.00		69	56	61	63	7	21	29.86	29.97
12	BKN	250			10.00		78	65	70	64	13	14	30.03	30.14	12	FEW	250			10.00		77	50	61	39	13	21	29.85	29.96
15	BKN	250			10.00		81	61	68	51	15	15	29.96	30.07	15	FEW	080			10.00		81	50	63	34	10	22	29.78	29.88
18	BKN	250			10.00		76	61	67	60	14	16	29.95	30.06	18	CLR	NC			10.00		77	51	62	40	7	21	29.78	29.89
21	BKN	250			10.00		72	64	67	76	9	16	29.98	30.09	21	CLR	NC			10.00		67	52	59	59	7	17	29.82	29.93
24	BKN	250			10.00		71	66	68	84	5	16	29.98	30.09	24	CLR	NC			10.00		62	57	59	84	3	18	29.85	29.96
SUNRISE: 0629						MAR 17						SUNSET: 1830																	
03	BKN	250			10.00		70	66	67	87	3	16	29.94	30.05	03	CLR	NC			10.00		59	54	56	84	0	00	29.86	29.97
06	BKN	250			10.00		71	65	67	81	0	00	29.98	30.09	06	CLR	NC			10.00		55	50	52	83	0	00	29.88	29.99
09	BKN	250			10.00		74	66	69	76	13	14	29.98	30.10	09	CLR	NC			10.00		63	52	57	68	5	03	29.95	30.05
12	SCT	250			10.00		79	63	69	58	14	14	29.98	30.09	12	CLR	NC			10.00		75	50	61	42	5	05	29.92	30.03
15	BKN	250			10.00		80	64	70	58	20	14	29.92	30.03	15	CLR	NC			10.00		82	43	60	25	5	VR	29.86	29.96
18	BKN	250			10.00		75	67	70	76	13	13	29.91	30.02	18	CLR	NC			10.00		78	54	64	44	0	00	29.83	29.93
21	BKN	250			10.00		73	68	70	84	7	14	29.95	30.06	21	CLR	NC			10.00		70	59	63	68	6	19	29.86	29.97
24	BKN	130			10.00		72	66	68	82	11	16	29.93	30.04	24	CLR	NC			10.00		62	59	60	90	0	00	29.87	29.98
SUNRISE: 0628						MAR 18						SUNSET: 1831																	
03	BKN	130			10.00		72	67	69	84	9	17	29.89	30.00	03	CLR	NC			8.00		61	58	59	90	0	00	29.86	29.97
06	BKN	130			10.00		72	67	69	84	11	16	29.91	30.01	06	BKN	005			0.25		59	57	58	93	0	00	29.90	30.01
09	BKN	250			10.00		75	66	69	74	21	16	29.94	30.04	09	CLR	NC			10.00		67	57	61	70	0	00	29.95	30.05
12	OVC	250			10.00		80	64	70	58	17	16	29.95	30.06	12	CLR	NC			10.00		78	58	66	50	3	05	29.92	30.03
15	BKN	250			10.00		80	65	70	60	14	17	29.88	29.99	15	CLR	NC			10.00		84	57	67	40	0	00	29.85	29.96
18	BKN	250			10.00		76	67	70	74	14	15	29.87	29.98	18	CLR	NC			10.00		81	59	67	47	3	25	29.83	29.94
21	BKN	130			10.00		75	68	70	79	15	15	29.87	29.98	21	CLR	NC			10.00		70	60	64	71	0	00	29.88	29.99
24	BKN	048			10.00		75	66	69	74	13	17	29.87	29.98	24	CLR	NC			10.00		69	59	63	71	5	22	29.90	30.00

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MARCH 2012

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
SUNRISE: 0620 MAR 25 SUNSET: 1835													
03	CLR	NC				64	61	62	90	0	00	29.88	29.99
06	FEW	005				61	59	60	93	0	00	29.92	30.02
09	CLR	NC				73	63	67	71	7	32	29.97	30.07
12	SCT	045				80	59	67	49	0	00	29.94	30.05
15	FEW	060				84	54	66	36	3	VR	29.87	29.98
18	FEW	060				81	58	67	46	3	VR	29.85	29.96
21	CLR	NC				75	60	66	60	5	18	29.90	30.01
24	CLR	NC				64	58	60	81	0	00	29.92	30.02
SUNRISE: 0618 MAR 26 SUNSET: 1836													
03	CLR	NC				61	57	59	87	0	00	29.91	30.01
06	CLR	NC				60	57	58	90	0	00	29.94	30.05
09	CLR	NC				72	62	66	71	0	00	29.98	30.08
12	FEW	032				82	57	67	43	7	VR	29.96	30.07
15	SCT	250				84	57	67	40	5	15	29.89	29.99
18	FEW	250				80	55	65	42	10	13	29.87	29.97
21	CLR	NC				73	54	62	52	5	18	29.90	30.01
24	CLR	NC				65	57	60	75	0	00	29.92	30.02
SUNRISE: 0617 MAR 27 SUNSET: 1836													
03	CLR	NC				60	57	58	90	0	00	29.90	30.01
06	SCT	250				60	57	58	90	0	00	29.94	30.04
09	OVC	250				71	64	67	79	6	14	29.98	30.09
12	OVC	250				79	58	66	49	8	18	29.97	30.08
15	BKN	250				81	55	65	41	11	14	29.93	30.03
18	BKN	250				76	61	67	60	9	16	29.92	30.02
21	SCT	250				69	61	64	76	6	16	29.95	30.06
24	FEW	250				67	61	63	81	6	17	29.96	30.06
SUNRISE: 0616 MAR 28 SUNSET: 1837													
03	CLR	NC				60	59	59	97	0	00	29.91	30.01
06	SCT	250				61	59	60	93	0	00	29.93	30.03
09	OVC	250				72	65	68	79	7	15	29.97	30.08
12	OVC	250				79	59	67	50	10	15	29.93	30.04
15	BKN	250				77	63	68	62	14	12	29.88	29.98
18	BKN	090				72	67	69	84	9	14	29.85	29.96
21	BKN	060				72	66	68	82	3	18	29.88	29.99
24	BKN	250				69	66	67	90	6	16	29.86	29.97
SUNRISE: 0615 MAR 29 SUNSET: 1838													
03	BKN	250				68	66	67	93	3	16	29.81	29.92
06	BKN	250				68	66	67	93	3	14	29.82	29.93
09	BKN	080				73	67	69	82	7	16	29.85	29.96
12	OVC	250				75	67	70	76	10	12	29.81	29.92
15	BKN	080				68	65	66	90	9	15	29.78	29.88
18	OVC	060				71	67	68	87	0	00	29.75	29.86
21	BKN	250				68	65	66	90	5	12	29.78	29.89
24	OVC	250				66	64	65	93	0	00	29.77	29.88
SUNRISE: 0614 MAR 30 SUNSET: 1838													
03	OVC	250				68	65	66	90	0	00	29.73	29.84
06	BKN	029				69	66	67	90	3	06	29.74	29.85
09	OVC	250				73	69	70	87	0	00	29.78	29.89
12	OVC	250				80	67	71	65	6	19	29.76	29.87
15	OVC	250				81	66	71	60	7	20	29.70	29.81
18	BKN	250				81	67	72	63	6	16	29.69	29.79
21	SCT	250				76	67	70	74	8	19	29.76	29.86
24	SCT	250				71	63	66	76	6	20	29.77	29.88

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
SUNRISE: 0612 MAR 31 SUNSET: 1839													
03	SCT	250				66	63	64	90	5	18	29.74	29.84
06	OVC	020				69	66	67	90	0	00	29.77	29.87
09	BKN	027				73	68	70	84	9	15	29.82	29.93
12	SCT	250				82	68	73	63	8	17	29.77	29.88
15	SCT	040				85	66	72	53	8	17	29.72	29.83
18	FEW	040				81	68	72	65	13	17	29.71	29.82
21	SCT	250				74	68	70	82	5	17	29.75	29.86
24	BKN	015				73	67	69	82	6	19	29.75	29.86

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.

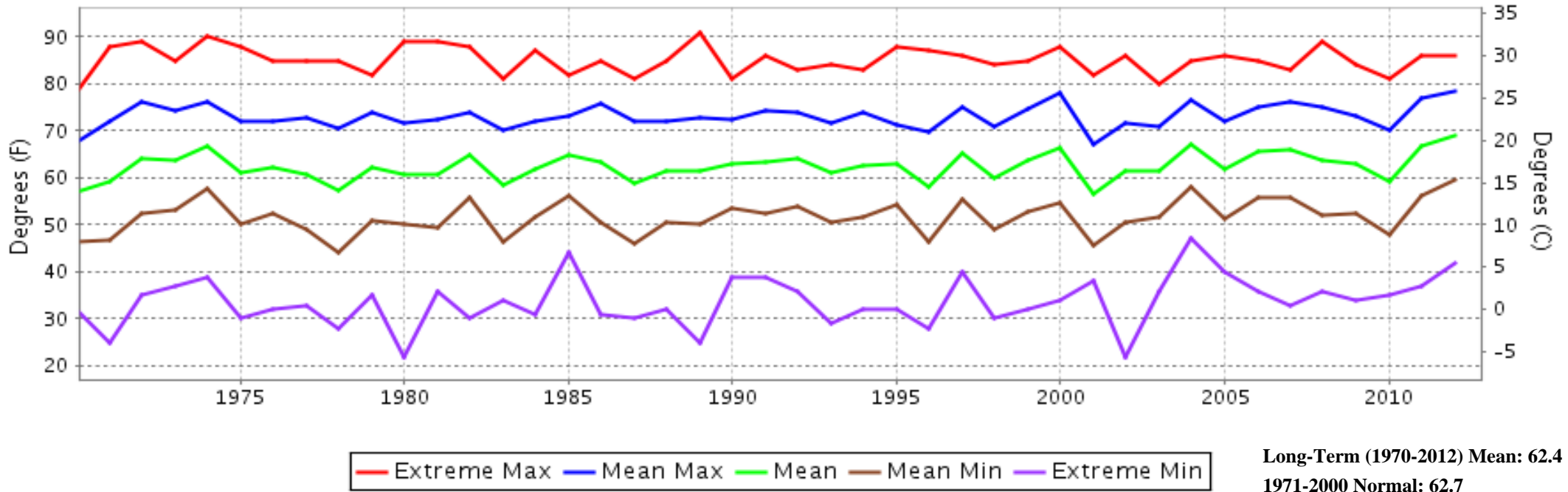
& = Original observation contained additional weather elements.

See page 3 for additional notes.

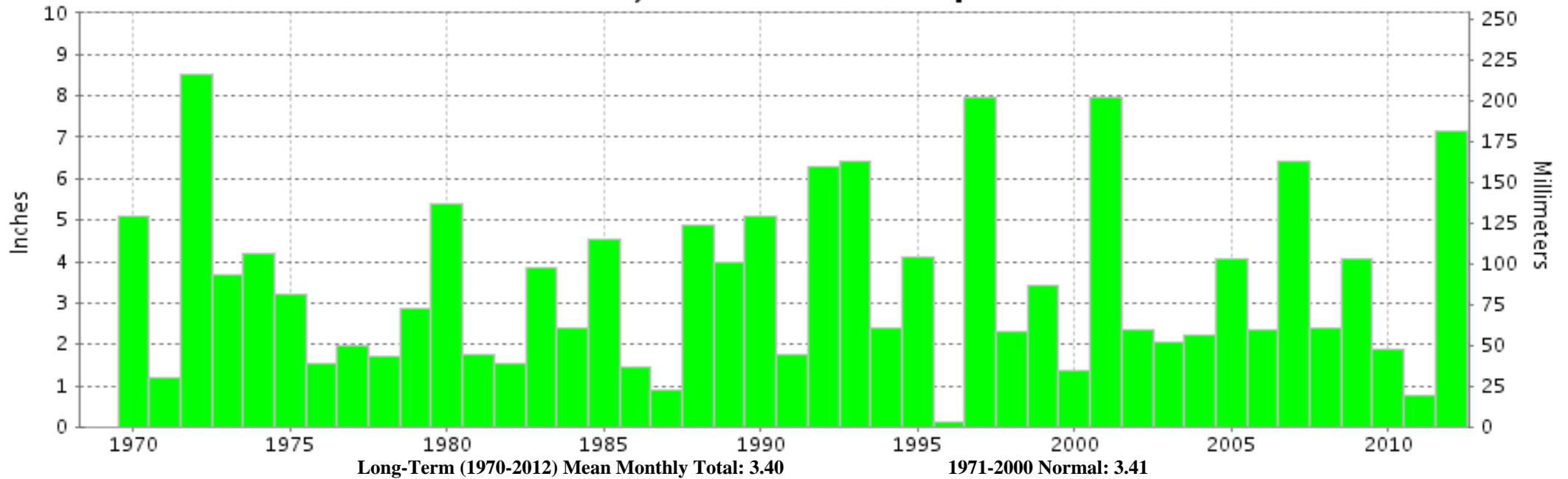
SUMMARY BY HOUR

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			65	59	61	81	29.92	30.03	9.30	6	6	16
02			65	59	61	82	29.90	30.01	9.23	6	6	16
03			64	59	61	84	29.89	30.00	9.19	6	6	16
04			63	58	60	83	29.89	30.00	8.91	6	6	16
05			63	58	60	84	29.90	30.01	8.47	5	6	16
06			63	58	60	84	29.91	30.02	8.25	5	6	16
07			63	58	61	84	29.92	30.03	7.73	5	6	16
08			65	59	62	83	29.94	30.05	7.51	6	6	15
09			68	60	63	76	29.95	30.06	8.20	10	6	15
10			70	59	64	69	29.96	30.07	9.09	10	5	15
11			72	59	64	64	29.96	30.06	8.94	10	6	15
12			74	58	64	60	29.94	30.05	9.59	10	5	15
13			75	57	65	57	29.92	30.03	9.90	10	6	14
14			76	57	65	56	29.90	30.01	9.65	10	5	15
15			76	57	65	56	29.88	29.99	9.77	10	5	15
16			76	58	65	58	29.87	29.98	9.81	10	6	15
17			75	57	65	59	29.87	29.97	9.19	11	6	14
18			73	58	64	63	29.87	29.98	9.74	10	6	14
19			70	59	64	69	29.88	29.99	9.74	8	6	14
20			69	59	63	72	29.89	30.00	9.87	8	5	14
21			69	60	64	76	29.90	30.02	9.87	8	5	15
22			67	60	63	77	29.91	30.02	9.81	8	5	15
23			66	59	62	78	29.92	30.03	9.55	8	5	15
24			65	59	62	80	29.91	30.02	9.39	7	6	15

HOUSTON, TX MARCH Temperatures



HOUSTON, TX MARCH Precipitation





**MARCH 2012
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.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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We welcome your questions or comments, please contact us at:
(828) 271-4800, option 2
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