MAY 2009
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	Temperature °F						Deg Days BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES							Date
										0600 LST	1200 LST	2400 LST	2400 LST						MAXIMUM 3-SEC		2-MIN		
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		DEPTH	WATER-EQUIV	SNOW-FALL	WATER EQUIV	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	SPEED	DIR	SPEED	DIR	
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	86	74	80	8	70	73	0	15	BR HZ	0		0.0	0.00	29.88	30.00	11.2	16	11.1	24	14	21	14	01
02	87	76	82	9	69	73	0	17	HZ	0		0.0	0.00	29.74	29.87	11.6	16	11.8	25	14	21	14	02
03	86	67	77	4	68	71	0	12	HZ	0		0.0	0.00	29.70	29.82	0.5	02	9.0	24	23	17	36	03
04	86	62	74	1	63	67	0	9		0		0.0	0.00	29.80	29.91	2.3	06	6.5	17	01	14	13	04
05	88	71	80	7	70	73	0	15	BR	0		0.0	0.00	29.75	29.87	9.3	16	9.4	23	16	21	15	05
06	89	75	82	8	71	74	0	17	HZ	0		0.0	0.00	29.70	29.82	10.2	17	10.4	25	16	22	16	06
07	90	76	83	9	72	75	0	18	BR HZ	0		0.0	0.00	29.75	29.86	9.6	16	9.7	24	14	20	16	07
08	90	77	84	10	70	74	0	19		0		0.0	0.00	29.69	29.80	11.8	18	12.0	26	16	22	16	08
09	91	73	82	8	71	74	0	17		0		0.0	0.00	29.82	29.92	8.6	15	9.6	23	13	18	15	09
10	90	73	82	7	71	74	0	17	BR	0		0.0	0.00	29.86	29.97	7.5	16	8.0	22	14	18	15	10
11	89	74	82	7	72	75	0	17	TS TSRA RA BR HZ	0		0.0	0.03	29.88	29.99	4.7	13	6.4	18	28	15	11	11
12	89	71	80	5	71	74	0	15	BR HZ	0		0.0	0.00	29.83	29.96	7.1	15	9.2	28	15	23	15	12
13	91	72	82	7	69	73	0	17		0		0.0	0.00	29.80	29.91	11.7	17	11.8	26	16	22	16	13
14	89	72	81	6	67	72	0	16		0		0.0	0.00	29.89	29.99	8.2	14	8.7	23	13	20	11	14
15	90	71	81	5	69	73	0	16		0		0.0	0.00	29.85	29.97	7.8	16	8.1	29	15	23	14	15
16	90	69	80	4	68	71	0	15	TS TSRA RA BR	0		0.0	0.16	29.90	30.00	1.9	08	6.9	31*	31	24*	33	16
17	76	61	69	-8	63	65	0	4		0		0.0	0.00	30.00	30.10	8.8	01	9.7	23	02	20	01	17
18	79	56	68*	-9	50	58	0	3		0		0.0	0.00	30.06	30.16	5.8	03	5.9	25	04	18	36	18
19	82	56	69	-8	51	59	0	4		0		0.0	0.00	30.04	30.16	4.5	07	5.0	21	06	15	06	19
20	84	55*	70	-7	52	60	0	5		0		0.0	0.00	29.95	30.08	2.8	05	3.3	16	05	14	05	20
21	90	63	77	0	61	67	0	12		0		0.0	0.00	29.84	29.97	3.9	05	4.1	20	08	17	07	21
22	84	68	76	-1	66	69	0	11	RA BR	0		0.0	0.07	29.80	29.92	1.3	03	1.4	20	33	13	03	22
23	85	68	77	0	68	71	0	12	TS RA	0		0.0	T	29.74	29.87	1.6	36	2.1	17	04	14	01	23
24	83	70	77	0	69	71	0	12	TS RA	0		0.0	0.12	29.70	29.83	1.6	31	2.6	21	31	15	31	24
25	90	67	79	1	67	71	0	14		0		0.0	0.00	29.64	29.77	2.2	30	3.3	15	17	12	29	25
26	92	76	84*	6	70	74	0	19		0		0.0	0.00	29.65	29.77	2.5	18	3.8	20	23	16	13	26
27	85	71	78	0	72	74	0	13		0		0.0	0.00	29.72	29.82	0.7	18	0.7	13	19	10	16	27
28	90	69	80	2	62	68	0	15		0		0.0	0.00	29.80	29.90	1.3	03	2.4	20	03	15	02	28
29	92	65	79	1	61	68	0	14		0		0.0	0.00	29.88	29.99	1.8	04	2.3	18	03	15	36	29
30	94*	65	80	1	60	68	0	15		0		0.0	0.00	29.87	29.99	0.8	11	1.2	15	17	12	17	30
31	89	66	78	-1	61	67	0	13		0		0.0	0.00	29.86	29.98	3.8	13	4.3	22	11	18	14	31
	87.6	68.7	78.2	¤	65.9	70.2	0.0	13.5	< MONTHLY AVERAGES | TOTALS >			0.0	0.38	29.82	29.93	3.4	15	6.5	< MONTHLY AVERAGES				
	2.1	2.6	2.4		<---------- DEPARTURE FROM NORMAL ---------->								-4.77	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

MAY 2009
HOUSTON, TX

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING :	0	-2	1159	-366
COOLING :	418	90	723	149

GREATEST 24-HR PRECIPITATION : 0.16 DATE : 16
GREATEST 24-HR SNOWFALL : 0.0 DATE :
GREATEST SNOW DEPTH : 0 DATE :

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM :	30.22	19	0941
MIMIMUM :	29.69	25	1843

NUMBER OF -> DAYS WITH

MAXIMUM TEMP >= 90 :	13	MINIMUM TEMP <= 32 :	0
MAXIMUM TEMP <= 32 :	0	MINIMUM TEMP <= 0 :	0
THUNDERSTORMS :	4	HEAVY FOG :	0
PRECIPITATION >= 0.01 INCH:	4		
PRECIPITATION >= 0.10 INCH:	2		
SNOWFALL >= 1.0 INCH :	0		

HOURLY PRECIPITATION
(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MAY 2009

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													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													07	0.00	0.00
08													08													08	0.00	0.00
09													09													09	0.00	0.00
10													10													10	0.00	0.00
11												T	11			T	T		0.02	0.01						11	0.03	0.03
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													16						T	0.14	0.02	T				16	0.16	0.16
17													17													17	0.00	0.00
18													18													18	0.00	0.00
19													19													19	0.00	0.00
20													20													20	0.00	0.00
21													21													21	0.00	0.00
22													22			0.02	0.02	0.03	T							22	0.07	0.07
23													23	T	T											23	T	T
24										T	T		24	0.11		0.01	T									24	0.12	0.12
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													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)	0.09	0.11	0.11	0.11	0.12	0.13	0.14	0.16	0.16	0.16	0.16	0.16
Ending Date	24	24	24	24	16	16	16	16	16	16	16	16
Ending Time (Hr/Min)	1231	1233	1233	1233	1838	1838	1858	1926	1926	1926	1926	1926

Date and time are not entered for TRACE amounts.

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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

*** = Extreme for the month (last occurence 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
MAY 2009

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
			SR-SS		MN-MN				
	TOTAL MINUTES	PERCENT POSSIBLE	Sky Cover	Satellite	Sky Cover	Satellite	MINIMUM	MAXIMUM	
01							6.00	10.00	
02							6.00	10.00	
03							6.00	10.00	
04							8.00	10.00	
05							4.00	10.00	
06							6.00	10.00	
07							2.50	10.00	
08							7.00	10.00	
09							7.00	10.00	
10							6.00	10.00	
11							5.00	10.00	
12							0.12	10.00	
13							7.00	10.00	
14							10.00	10.00	
15							9.00	10.00	
16							8.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							8.00	10.00	
23							8.00	10.00	
24							8.00	10.00	
25							10.00	10.00	
26							8.00	10.00	
27							7.00	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							7.63	10.00	

SUNSHINE (Minutes)

Total : 0 **Possible : 25401**
Percent Possible : 0

NUMBER OF DAYS WITH :

SKY CONDITION

Clear	Partly CLDY	Cloudy	Missing

MINIMUM VISIBILTY (MILES)

<= .25	<= 3.0	>= 7.0
1	2	22

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

MAY 2009 KIAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0539 MAY 01 SUNSET: 1858								
03	OVC	034			10.00		75	71	72	87	9	17	29.89	30.00
06	OVC	035			6.00	BR	75	71	72	87	9	17	29.91	30.01
09	OVC	130			8.00		78	71	73	79	9	16	29.94	30.04
12	BKN	110			10.00		84	70	74	63	10	19	29.92	30.03
15	BKN	250			10.00		85	69	74	59	17	15	29.87	29.98
18	SCT	042			10.00		80	71	74	74	16	15	29.85	29.95
21	BKN	250			10.00		76	71	73	85	13	13	29.87	29.97
24	BKN	250			10.00		76	71	73	85	9	16	29.87	29.98
						SUNRISE: 0538 MAY 02 SUNSET: 1859								
03	OVC	025			10.00		77	71	73	82	9	17	29.83	29.94
06	OVC	029			7.00		77	71	73	82	11	17	29.81	29.92
09	BKN	032			10.00		80	69	73	69	10	19	29.83	29.93
12	SCT	250			10.00		85	69	74	59	15	18	29.79	29.89
15	BKN	250			10.00		85	68	74	57	13	16	29.72	29.83
18	BKN	250			10.00		80	68	72	67	13	17	29.68	29.79
21	BKN	250			10.00		77	70	72	79	9	16	29.69	29.80
24	BKN	250			10.00		77	71	73	82	8	17	29.70	29.81
						SUNRISE: 0537 MAY 03 SUNSET: 1859								
03	OVC	250			8.00		76	72	73	87	8	18	29.65	29.75
06	OVC	250			7.00		77	72	74	85	9	18	29.66	29.77
09	OVC	250			7.00		81	72	75	74	8	20	29.71	29.82
12	BKN	250			7.00		84	71	75	65	5	VR	29.69	29.80
15	OVC	250			10.00		79	69	72	72	10	36	29.68	29.78
18	OVC	250			10.00		77	66	70	69	9	05	29.70	29.80
21	OVC	250			10.00		74	65	68	74	8	01	29.76	29.86
24	BKN	250			10.00		67	58	62	73	9	35	29.80	29.91
						SUNRISE: 0536 MAY 04 SUNSET: 1900								
03	OVC	250			10.00		64	59	61	84	7	33	29.80	29.91
06	SCT	250			10.00		62	58	60	87	0	00	29.83	29.94
09	SCT	250			10.00		71	59	64	66	8	34	29.88	29.99
12	SCT	250			10.00		79	61	68	54	5	VR	29.85	29.95
15	SCT	250			10.00		83	64	71	53	3	VR	29.77	29.88
18	SCT	250			10.00		82	66	71	58	9	12	29.74	29.85
21	BKN	250			10.00		76	69	71	79	10	13	29.80	29.91
24	BKN	250			8.00		74	70	71	87	5	15	29.81	29.92
						SUNRISE: 0536 MAY 05 SUNSET: 1901								
03	BKN	250			5.00	BR	73	71	72	93	0	00	29.78	29.89
06	BKN	014			6.00	BR	73	71	72	93	0	00	29.80	29.91
09	BKN	025			10.00		80	71	74	74	9	15	29.84	29.95
12	BKN	250			10.00		86	70	75	59	10	16	29.80	29.91
15	BKN	250			10.00		87	70	75	57	16	15	29.73	29.84
18	OVC	250			10.00		82	69	73	65	14	15	29.68	29.79
21	BKN	250			10.00		78	71	73	79	14	16	29.71	29.82
24	BKN	250			10.00		77	72	74	85	8	16	29.73	29.83
						SUNRISE: 0535 MAY 06 SUNSET: 1901								
03	BKN	250			9.00		76	72	73	87	8	17	29.68	29.78
06	BKN	250			6.00	HZ	76	71	73	85	16	16	29.65	29.76
09	OVC	120			10.00		80	71	74	74	14	19	29.72	29.83
12	BKN	250			10.00		87	71	76	59	11	20	29.72	29.83
15	BKN	250			10.00		89	72	77	57	10	17	29.71	29.81
18	SCT	250			10.00		85	71	75	63	11	16	29.69	29.80
21	CLR	NC			10.00		78	72	74	82	10	16	29.74	29.85
24	BKN	028			9.00		77	74	75	91	5	16	29.77	29.87

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0534 MAY 07 SUNSET: 1902								
03	OVC	028			8.00		77	74	75	91	5	15	29.75	29.85
06	OVC	035			6.00	BR	78	74	75	88	0	00	29.77	29.87
09	BKN	130			3.00	HZ	82	72	75	72	11	19	29.79	29.90
12	BKN	045			10.00		86	72	76	63	14	15	29.79	29.89
15	BKN	048			10.00		87	71	76	59	16	16	29.74	29.84
18	FEW	034			10.00		85	69	74	59	11	17	29.71	29.82
21	SCT	021			10.00		77	71	73	82	10	16	29.75	29.85
24	SCT	019			9.00		77	72	74	85	10	17	29.74	29.84
						SUNRISE: 0533 MAY 08 SUNSET: 1903								
03	BKN	025			10.00		78	71	73	79	9	17	29.69	29.80
06	BKN	026			7.00		78	72	74	82	8	17	29.69	29.80
09	OVC	028			7.00		81	71	74	72	14	19	29.71	29.82
12	BKN	034			10.00		86	71	76	61	13	19	29.73	29.83
15	SCT	047			10.00		89	70	76	54	16	19	29.67	29.78
18	CLR	NC			10.00		85	68	74	57	16	17	29.64	29.74
21	SCT	020			10.00		78	71	73	79	10	16	29.71	29.82
24	BKN	022			10.00		77	70	72	79	8	17	29.72	29.83
						SUNRISE: 0532 MAY 09 SUNSET: 1903								
03	BKN	029			10.00		76	71	73	85	8	17	29.71	29.82
06	OVC	250			7.00		76	72	73	87	3	16	29.77	29.87
09	SCT	250			8.00		81	72	75	74	10	18	29.84	29.95
12	SCT	250			10.00		88	70	76	55	13	17	29.85	29.96
15	SCT	250			10.00		88	72	77	59	15	13	29.78	29.89
18	SCT	250			10.00		84	72	76	67	15	10	29.79	29.90
21	SCT	250			10.00		76	72	73	87	8	12	29.88	29.98
24	SCT	250			9.00		74	72	73	94	8	09	29.89	30.00
						SUNRISE: 0532 MAY 10 SUNSET: 1904								
03	SCT	250			7.00		74	73	73	97	0	00	29.88	29.99
06	BKN	250			6.00	BR	75	74	74	97	3	18	29.88	29.99
09	BKN	250			10.00		82	73	76	74	7	18	29.91	30.01
12	BKN	055			10.00		88	69	75	53	13	17	29.91	30.01
15	BKN	250			10.00		89	69	75	52	13	17	29.85	29.95
18	SCT	250			10.00		86	67	73	53	13	16	29.83	29.93
21	CLR	NC			10.00		78	70	73	77	7	15	29.87	29.98
24	OVC	024			10.00		76	72	73	87	5	11	29.89	29.99
						SUNRISE: 0531 MAY 11 SUNSET: 1905								
03	OVC	045			10.00		76	73	74	90	6	11	29.89	30.00
06	BKN	250			5.00	BR	78	74	75	88	5	17	29.87	29.98
09	BKN	250			8.00		84	73	76	70	9	17	29.88	29.99
12	BKN	250			10.00	-TSRA	81	68	72	65	5	28	29.92	30.03
15	SCT	070			10.00		80	73	75	79	9	12	29.86	29.97
18	BKN	055			7.00		77	71	73	82	11	10	29.87	29.97
21	BKN	250			10.00		76	73	74	90	8	12	29.87	29.98
24	BKN	250			10.00		75	73	74	94	6	17	29.89	30.00
						SUNRISE: 0530 MAY 12 SUNSET: 1905								
03	SCT	250			7.00		71	70	70	97	5	04	29.87	29.98
06	OVC	001			0.25	BR	71	70	70	97	5	05	29.90	30.01
09	BKN	250			2.00	HZ	79	74	76	85	8	09	29.92	30.03
12	BKN	040			10.00		85	72	76	65	11	15	29.88	29.98
15	BKN	250			10.00		88	71	76	57	16	16	29.82	29.93
18	BKN	250			10.00		84	70	74	63	16	16	29.79	29.89
21	SCT	250			10.00		79	71	74	77	11	16	29.80	29.91
24	SCT	250			10.00		77	72	74	85	10	17	29.80	29.91

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

MAY 2009 KIAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0530 MAY 13 SUNSET: 1906								
03	SCT	250			10.00		76	71	73	85	6	17	29.80	29.91
06	BKN	250			7.00		73	71	72	93	3	16	29.82	29.92
09	BKN	250			10.00		83	70	74	65	14	17	29.82	29.93
12	BKN	250			10.00		88	68	74	52	16	18	29.82	29.92
15	BKN	250			10.00		89	66	74	47	15	19	29.76	29.86
18	BKN	250			10.00		84	68	73	59	20	16	29.76	29.87
21	BKN	250			10.00		79	70	73	74	14	16	29.81	29.92
24	SCT	250			10.00		76	71	73	85	9	15	29.83	29.94
						SUNRISE: 0529 MAY 14 SUNSET: 1906								
03	SCT	250			10.00		74	71	72	90	6	16	29.83	29.94
06	SCT	250			10.00		73	69	70	87	3	13	29.88	29.99
09	SCT	250			10.00		83	68	73	61	10	11	29.96	30.06
12	SCT	130			10.00		86	66	73	51	9	12	29.95	30.05
15	SCT	250			10.00		88	65	73	47	18	11	29.87	29.97
18	SCT	250			10.00		83	63	70	51	14	13	29.86	29.96
21	SCT	250			10.00		76	69	71	79	8	15	29.89	30.00
24	FEW	022			10.00		76	70	72	82	3	18	29.91	30.01
						SUNRISE: 0528 MAY 15 SUNSET: 1907								
03	BKN	030			10.00		73	70	71	90	3	11	29.89	29.99
06	SCT	250			9.00		72	70	71	93	6	11	29.90	30.01
09	BKN	250			10.00		81	70	74	69	9	17	29.91	30.02
12	BKN	090			10.00		89	68	75	50	14	16	29.91	30.01
15	SCT	250			10.00		89	67	74	48	16	16	29.85	29.95
18	BKN	250			10.00		84	66	72	55	11	17	29.81	29.92
21	SCT	250			10.00		78	69	72	74	7	17	29.83	29.93
24	SCT	250			10.00		76	70	72	82	3	17	29.84	29.95
						SUNRISE: 0528 MAY 16 SUNSET: 1908								
03	SCT	250			10.00		71	70	70	97	0	00	29.85	29.96
06	SCT	250			10.00		69	68	68	97	3	12	29.86	29.97
09	SCT	250			10.00		83	69	74	63	11	15	29.90	30.00
12	SCT	080			10.00		87	67	74	52	8	16	29.88	29.99
15	BKN	250			10.00		87	64	72	46	7	11	29.83	29.94
18	OVC	250			10.00	-TSRA	73	66	69	79	7	29	29.93	30.03
21	OVC	250			10.00		70	67	68	90	8	01	29.94	30.05
24	BKN	250			10.00		70	67	68	90	9	02	29.95	30.06
						SUNRISE: 0527 MAY 17 SUNSET: 1908								
03	BKN	065			10.00		69	67	68	93	7	33	29.95	30.05
06	OVC	110			10.00		70	67	68	90	7	01	29.97	30.08
09	OVC	250			10.00		73	67	69	82	14	01	30.01	30.12
12	OVC	010			10.00		68	62	64	81	13	36	30.03	30.14
15	OVC	018			10.00		71	61	65	71	14	36	30.00	30.11
18	SCT	031			10.00		73	61	66	66	14	03	29.98	30.09
21	FEW	025			10.00		64	59	61	84	8	07	30.03	30.15
24	CLR	NC			10.00		61	58	59	90	0	00	30.05	30.16
						SUNRISE: 0527 MAY 18 SUNSET: 1909								
03	CLR	NC			10.00		59	54	56	84	0	00	30.05	30.16
06	FEW	250			10.00		56	53	54	90	0	00	30.09	30.20
09	CLR	NC			10.00		68	50	58	53	14	05	30.10	30.21
12	CLR	NC			10.00		75	45	59	34	14	03	30.08	30.19
15	CLR	NC			10.00		79	44	60	29	11	01	30.03	30.13
18	FEW	250			10.00		76	45	59	33	13	03	30.01	30.11
21	CLR	NC			10.00		65	49	56	56	0	00	30.06	30.17
24	CLR	NC			10.00		60	51	55	72	0	00	30.08	30.18

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0526 MAY 19 SUNSET: 1910								
03	CLR	NC			10.00		58	48	53	70	0	00	30.06	30.16
06	CLR	NC			10.00		57	48	52	72	0	00	30.09	30.19
09	CLR	NC			10.00		71	53	61	53	6	VR	30.11	30.22
12	FEW	045			10.00		79	54	64	42	6	02	30.08	30.19
15	FEW	050			10.00		82	52	64	35	8	06	30.02	30.12
18	CLR	NC			10.00		79	49	62	35	9	05	29.98	30.10
21	CLR	NC			10.00		68	52	59	57	0	00	30.02	30.13
24	CLR	NC			10.00		62	55	58	78	0	00	30.03	30.14
						SUNRISE: 0526 MAY 20 SUNSET: 1910								
03	CLR	NC			10.00		58	53	55	84	0	00	30.02	30.12
06	FEW	250			10.00		57	53	55	87	0	00	30.03	30.14
09	FEW	250			10.00		74	52	61	46	6	08	30.03	30.15
12	FEW	250			10.00		80	49	62	34	9	36	29.98	30.10
15	FEW	250			10.00		83	49	63	31	5	04	29.92	30.03
18	FEW	250			10.00		81	51	63	35	9	05	29.88	29.99
21	CLR	NC			10.00		68	55	60	63	0	00	29.90	30.01
24	FEW	250			10.00		67	56	61	68	0	00	29.91	30.01
						SUNRISE: 0525 MAY 21 SUNSET: 1911								
03	SCT	250			10.00		64	56	59	75	0	00	29.86	29.97
06	FEW	250			10.00		65	57	60	75	0	00	29.88	29.98
09	FEW	250			10.00		79	63	69	58	0	00	29.90	30.01
12	SCT	048			10.00		85	62	70	46	7	08	29.87	29.98
15	BKN	075			10.00		88	63	72	43	9	03	29.81	29.92
18	BKN	090			10.00		83	64	71	53	7	03	29.80	29.91
21	FEW	090			10.00		75	64	68	69	0	00	29.83	29.94
24	BKN	050			10.00		71	65	67	81	0	00	29.84	29.95
						SUNRISE: 0525 MAY 22 SUNSET: 1912								
03	FEW	100			10.00		69	64	66	84	0	00	29.82	29.93
06	SCT	100			10.00		68	64	66	87	0	00	29.84	29.95
09	SCT	250			10.00		78	66	70	67	0	00	29.85	29.96
12	BKN	130			10.00		78	67	71	69	6	04	29.83	29.94
15	BKN	080			10.00	-RA	75	69	71	82	0	00	29.78	29.89
18	BKN	090			10.00		76	67	70	74	0	00	29.75	29.86
21	BKN	250			10.00		73	68	70	84	0	00	29.79	29.89
24	SCT	250			9.00		69	68	68	97	0	00	29.80	29.91
						SUNRISE: 0524 MAY 23 SUNSET: 1912								
03	BKN	250			10.00		70	67	68	90	0	00	29.78	29.88
06	SCT	130			8.00		69	67	68	93	0	00	29.79	29.89
09	BKN	080			10.00		78	69	72	74	7	02	29.80	29.91
12	BKN	090			10.00		84	69	74	61	13	03	29.78	29.88
15	BKN	250			10.00		79	70	73	74	0	00	29.73	29.84
18	BKN	250			10.00		82	68	73	63	0	00	29.70	29.80
21	SCT	250			10.00		73	70	71	90	0	00	29.73	29.84
24	SCT	250			10.00		70	69	69	97	0	00	29.74	29.85
						SUNRISE: 0524 MAY 24 SUNSET: 1913								
03	SCT	250			10.00		72	69	70	90	0	00	29.72	29.83
06	BKN	250			8.00		71	69	70	93	0	00	29.74	29.85
09	BKN	250			10.00		77	69	72	76	0	00	29.77	29.88
12	SCT	040			10.00		81	66	71	60	8	33	29.74	29.85
15	SCT	033			10.00		76	70	72	82	10	31	29.71	29.81
18	BKN	250			10.00		76	68	71	76	0	00	29.66	29.77
21	SCT	250			10.00		70	69	69	97	0	00	29.69	29.80
24	SCT	250			8.00		71	69	70	93	0	00	29.70	29.80

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2009 KIAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0523 MAY 25 SUNSET: 1913								
03	BKN	250			10.00		69	67	68	93	0	00	29.70	29.80
06	SCT	250			10.00		69	67	68	93	0	00	29.69	29.79
09	SCT	250			10.00		79	67	71	67	10	31	29.71	29.82
12	SCT	036			10.00		85	67	73	55	6	31	29.69	29.80
15	SCT	130			10.00		89	64	72	44	5	VR	29.62	29.73
18	SCT	250			10.00		88	63	72	43	0	00	29.58	29.69
21	SCT	250			10.00		80	69	73	69	7	17	29.63	29.73
24	BKN	250			10.00		77	72	74	85	0	00	29.64	29.75
						SUNRISE: 0523 MAY 26 SUNSET: 1914								
03	BKN	011			10.00		76	73	74	90	0	00	29.63	29.73
06	OVC	250			10.00		77	73	74	88	0	00	29.67	29.78
09	OVC	250			10.00		82	74	76	77	8	17	29.69	29.79
12	SCT	090			10.00		87	68	74	53	0	00	29.68	29.78
15	SCT	120			10.00		90	61	71	38	7	23	29.64	29.74
18	SCT	250			10.00		91	62	72	38	0	00	29.61	29.71
21	FEW	250			10.00		80	70	73	72	7	18	29.65	29.76
24	SCT	250			10.00		77	73	74	88	0	00	29.69	29.79
						SUNRISE: 0523 MAY 27 SUNSET: 1915								
03	BKN	250			9.00		77	74	75	91	0	00	29.69	29.80
06	BKN	250			7.00		76	73	74	90	0	00	29.75	29.86
09	BKN	250			10.00		82	69	73	65	0	00	29.76	29.86
12	OVC	250			9.00		81	72	75	74	7	20	29.73	29.83
15	OVC	250			10.00		83	71	75	67	0	00	29.72	29.83
18	BKN	250			9.00		84	72	76	67	0	00	29.68	29.79
21	FEW	250			10.00		75	71	72	87	0	00	29.71	29.81
24	SCT	250			10.00		73	70	71	90	0	00	29.74	29.85
						SUNRISE: 0522 MAY 28 SUNSET: 1915								
03	BKN	038			10.00		72	67	69	84	0	00	29.78	29.89
06	BKN	250			10.00		70	64	66	81	0	00	29.79	29.90
09	BKN	250			10.00		77	63	68	62	0	00	29.82	29.92
12	SCT	250			10.00		86	58	68	39	6	VR	29.81	29.92
15	SCT	250			10.00		89	57	69	34	8	03	29.80	29.90
18	FEW	250			10.00		87	59	69	39	0	00	29.78	29.88
21	CLR	NC			10.00		75	60	66	60	0	00	29.80	29.91
24	FEW	250			10.00		71	61	65	71	0	00	29.82	29.93
						SUNRISE: 0522 MAY 29 SUNSET: 1916								
03	FEW	250			10.00		69	64	66	84	0	00	29.82	29.93
06	SCT	250			10.00		67	63	65	87	0	00	29.88	29.98
09	SCT	250			10.00		82	59	68	46	0	00	29.93	30.04
12	SCT	130			10.00		88	59	70	38	6	07	29.92	30.03
15	SCT	250			10.00		91	60	71	35	3	VR	29.87	29.98
18	SCT	250			10.00		89	57	69	34	9	04	29.84	29.95
21	SCT	250			10.00		78	60	67	54	0	00	29.89	30.00
24	FEW	250			10.00		72	60	65	66	0	00	29.92	30.03
						SUNRISE: 0522 MAY 30 SUNSET: 1916								
03	FEW	250			10.00		67	60	63	78	0	00	29.88	29.99
06	SCT	250			10.00		67	62	64	84	0	00	29.91	30.02
09	BKN	250			10.00		83	60	68	46	7	13	29.94	30.04
12	SCT	250			10.00		89	58	69	35	0	00	29.90	30.01
15	BKN	250			10.00		92	54	68	28	0	00	29.84	29.95
18	SCT	250			10.00		89	56	68	33	9	10	29.82	29.93
21	BKN	250			10.00		79	64	69	60	0	00	29.88	29.98
24	FEW	250			10.00		75	67	70	76	0	00	29.89	29.99

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0521 MAY 31 SUNSET: 1917								
03	FEW	250			10.00		68	66	67	93	0	00	29.88	29.98
06	SCT	250			10.00		67	65	66	93	0	00	29.91	30.01
09	SCT	250			10.00		82	64	70	55	5	VR	29.93	30.04
12	BKN	250			10.00		87	60	70	40	5	11	29.89	30.00
15	BKN	250			10.00		89	58	69	35	14	13	29.84	29.95
18	SCT	250			10.00		83	53	65	36	16	14	29.82	29.93
21	SCT	250			10.00		75	57	64	54	0	00	29.85	29.96
24	FEW	250			10.00		68	62	64	81	0	00	29.86	29.97

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

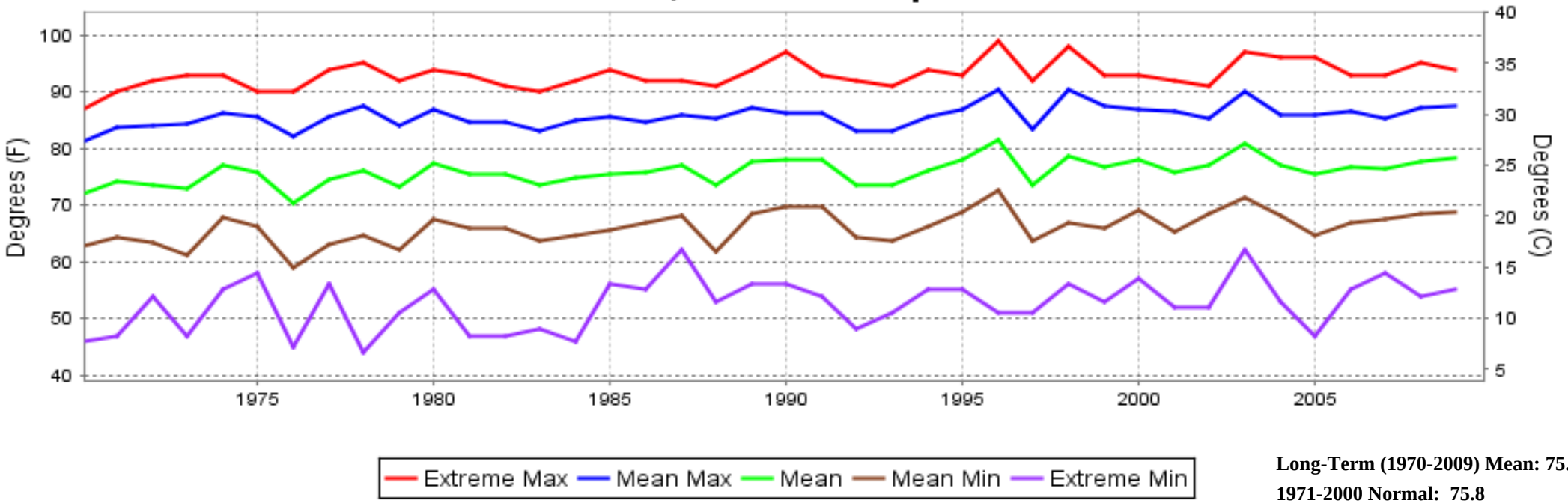
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

& = Original observation containted additional weather elements.
See page 3 for additional notes.

SUMMARY BY HOUR

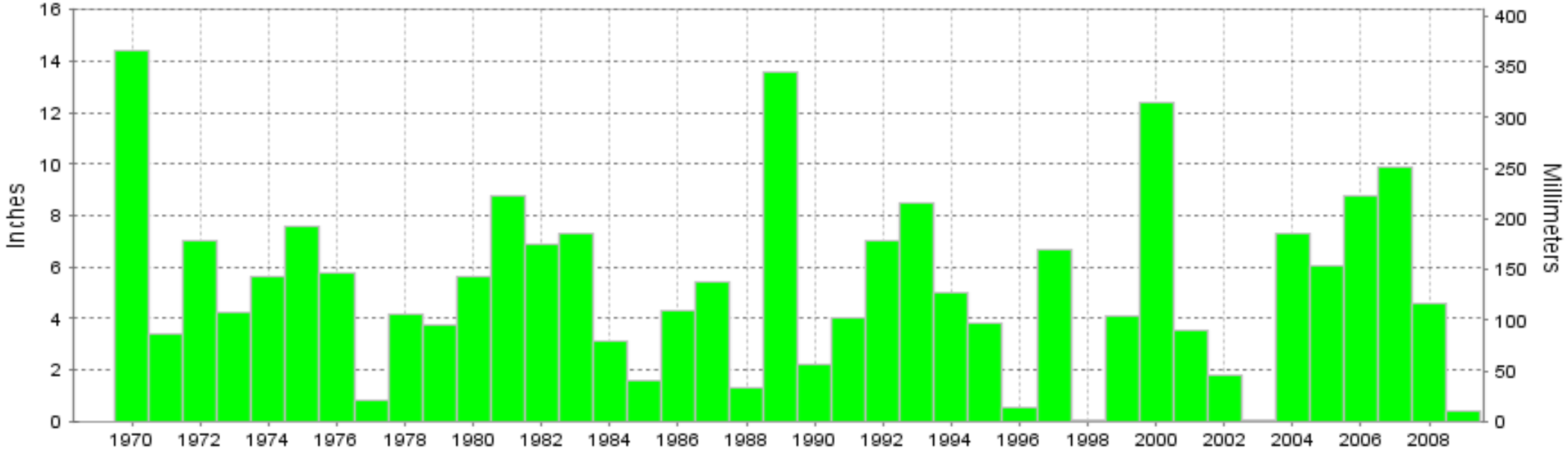
HOUR (LST)	AVERAGES CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG) STATION	PRESSURE (Inches, HG) SEA LEVEL	VISIBILITY (Miles)	WIND SPEED (MPH)	RESULTANT WIND (MPH) SPEED	RESULTANT WIND (MPH) DIRECTION
01			72	67	69	85	29.83	29.94	9.60	3	5	16
02			71	67	69	87	29.82	29.93	9.52	3	5	16
03			71	67	69	87	29.82	29.93	9.45	3	4	16
04			71	67	68	87	29.82	29.93	9.32	3	5	16
05			71	67	68	87	29.83	29.94	8.90	3	5	16
06			71	67	68	88	29.84	29.95	8.14	3	5	16
07			73	68	70	83	29.85	29.96	8.28	5	3	15
08			76	67	71	75	29.86	29.97	8.89	6	4	14
09			79	67	71	67	29.87	29.98	9.13	8	3	15
10			81	66	72	62	29.87	29.98	9.61	9	3	13
11			83	66	72	57	29.87	29.97	9.90	9	3	14
12			84	65	72	54	29.85	29.96	9.87	9	3	14
13			84	65	72	54	29.84	29.94	10.00	10	3	14
14			85	65	72	51	29.82	29.92	10.00	10	4	13
15			85	65	72	53	29.80	29.91	10.00	10	5	12
16			85	64	71	52	29.79	29.89	9.87	10	5	12
17			84	64	71	53	29.78	29.89	9.97	10	5	12
18			82	64	71	56	29.78	29.89	9.87	9	6	11
19			79	65	70	63	29.79	29.90	9.94	9	6	12
20			76	66	70	70	29.80	29.91	9.97	7	5	12
21			75	66	69	76	29.82	29.93	10.00	6	5	13
22			74	67	69	79	29.83	29.94	9.97	4	4	14
23			73	67	69	82	29.84	29.94	9.81	3	5	15
24			72	67	69	84	29.83	29.94	9.74	4	4	15

HOUSTON, TX MAY Temperatures



Long-Term (1970-2009) Mean: 75.9
1971-2000 Normal: 75.8

HOUSTON, TX MAY Precipitation



Long-Term (1970-2009) Mean Monthly Total: 5.15 **1971-2000 Normal: 5.15**

Published By: National Climatic Data Center

MAY 2009
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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