MAY 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	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		MAXIMUM 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	87	73	80	8	72	75	0	15	BR	0		0.0	0.00	29.43	29.53	10.3	15	10.2	30	15	22	16	01
02	87	61	74	1	53	62	0	9		0		0.0	0.00	29.64	29.72	4.1	32	4.8	20	34	15	34	02
03	92	56	74	1	51	62	0	9		0		0.0	0.00	29.82	29.90	0.5	09	5.0	33	33	25	33	03
04	89	54*	72	-1	51	61	0	7		0		0.0	0.00	29.83	29.95	2.3	27	4.1	16	27	13	31	04
05	93	56	75	2	55	64	0	10		0		0.0	0.00	29.78	29.90	5.6	18	5.7	20	18	13	18	05
06	89	63	76	2	64	68	0	11	BR	0		0.0	0.00	29.78	29.89	8.6	17	8.8	23	15	17	15	06
07	93	71	82	8	70	73	0	17		0		0.0	0.00	29.80	29.90	8.2	18	8.4	22	21	16	21	07
08	83	66	75	1	60	66	0	10		0		0.0	0.00	30.01	30.11	8.8	04	9.9	23	01	20	02	08
09	79	61	70*	-4	61	65	0	5	RA	0		0.0	T	29.99	30.11	10.9	11	12.1	23	13	18	14	09
10	88	73	81	6	67	71	0	16		0		0.0	0.00	29.82	29.95	15.6	16	15.7	37	14	30	15	10
11	91	76	84	9	69	73	0	19	HZ	0		0.0	0.00	29.79	29.91	14.2	16	14.3	33	15	26	15	11
12	89	76	83	8	70	73	0	18		0		0.0	0.00	29.80	29.91	17.5	16	17.6	38	15	29	15	12
13	86	76	81	6	71	74	0	16	RA	0		0.0	T	29.90	29.99	12.7	15	13.7	29	15	24	15	13
14	87	68	78	3	70	72	0	13	TS TSRA RA BR	0		0.0	2.44	29.94	30.05	10.0	14	14.0	33	29	25	13	14
15	77	68	73	-3	69	70	0	8	RA BR	0		0.0	0.22	29.88	30.00	1.8	01	4.8	21	28	13	31	15
16	88	68	78	2	69	72	0	13	FG+ FG BR	0		0.0	0.00	29.83	29.96	2.1	04	4.4	16	12	12	11	16
17	92	68	80	3	69	72	0	15	TSRA RA BCFG	0		0.0	0.07	29.87	29.99	1.3	08	5.4	36	35	25	36	17
18	87	67	77	0	68	72	0	12		0		0.0	0.00	29.80	29.92	2.7	15	4.6	15	14	14	15	18
19	91	71	81	4	70	73	0	16		0		0.0	0.00	29.70	29.82	8.6	17	8.9	24	18	18	15	19
20	91	75	83	6	71	74	0	18		0		0.0	0.00	29.72	29.83	8.9	18	9.1	24	18	16	21	20
21	92	75	84	7	73	76	0	19		0		0.0	0.00	29.82	29.92	6.7	16	7.7	20	13	16	12	21
22	91	75	83	6	73	75	0	18		0		0.0	0.00	29.80	29.91	11.1	16	12.0	25	14	22	14	22
23	91	77	84	7	73	76	0	19		0		0.0	0.00	29.82	29.93	11.3	15	11.9	28	13	23	13	23
24	90	74	82	5	71	74	0	17		0		0.0	0.00	29.81	29.92	9.9	15	10.4	30	13	22	14	24
25	89	71	80	2	71	74	0	15	BR	0		0.0	0.00	29.82	29.93	6.9	14	7.5	26	12	20	12	25
26	94	69	82	4	66	72	0	17		0		0.0	0.00	29.85	29.96	1.7	11	3.6	17	11	14	07	26
27	94	69	82	4	67	72	0	17		0		0.0	0.00	29.82	29.94	2.4	03	3.9	17	04	14	04	27
28	97*	72	85*	7	68	73	0	20	RA	0		0.0	0.01	29.74	29.86	2.0	05	4.2	26	04	22	05	28
29	96	71	84	6	68	73	0	19	RA	0		0.0	T	29.66	29.78	0.4	12	2.6	15	18	10	16	29
30	94	71	83	4	69	73	0	18	TS TSRA RA BR	0		0.0	0.94	29.71	29.82	2.1	23	5.4	38*	06	30*	06	30
31	94	73	84	5	71	75	0	19		0		0.0	0.00	29.82	29.92	4.0	19	4.5	18	15	16	16	31
	89.7	69.2	79.5	¤	66.8	71.1	0.0	14.7	< MONTHLY AVERAGES | TOTALS >			0.0	3.68	29.80	29.91	5.4	15	8.2	< MONTHLY AVERAGES				
	4.2	3.1	3.7		<---------- DEPARTURE FROM NORMAL ---------->								-1.47	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

MAY 2010
HOUSTON, TX

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING :	0	-2	1768	243
COOLING :	455	127	647	73

GREATEST 24-HR PRECIPITATION :	2.66	DATE :	14-15
GREATEST 24-HR SNOWFALL :	0.0	DATE :	
GREATEST SNOW DEPTH :	0	DATE :	

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM :	30.18	09	0823
MIMIMUM :	29.45	01	1658

NUMBER OF -> DAYS WITH

MAXIMUM TEMP >= 90 :	17	MINIMUM TEMP <= 32 :	0
MAXIMUM TEMP <= 32 :	0	MINIMUM TEMP <= 0 :	0
THUNDERSTORMS :	3	HEAVY FOG :	1

PRECIPITATION >= 0.01 INCH:	5
PRECIPITATION >= 0.10 INCH:	3
SNOWFALL >= 1.0 INCH :	0

HOURLY PRECIPITATION
(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MAY 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													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							T	T					09	T	T
10													10													10	0.00	0.00
11													11													11	0.00	0.00
12													12													12	0.00	0.00
13													13					T	T	T						13	T	T
14													14						0.05	1.54	0.56	0.10	0.07	0.04	0.08	14	2.44	2.44
15	T							T	T	0.02	T	0.06	15	0.13	0.01											15	0.22	0.22
16													16													16	0.00	0.00
17													17								T		0.05	0.02		17	0.07	0.07
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													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								0.01					28	0.01	0.01
29													29			T										29	T	T
30													30								0.26	0.68	T			30	0.94	0.94
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)	0.36	0.57	0.69	0.80	0.98	1.30	1.55	1.89	2.06	2.12	2.23	2.23
Ending Date	14	14	14	14	14	14	14	14	14	14	14	14
Ending Time (Hr/Min)	1821	1822	1827	1829	1835	1850	1902	1922	1933	1951	2022	2022

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

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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							7.00	10.00	
03							7.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							6.00	10.00	
07							7.00	10.00	
08							8.00	10.00	
09							8.00	10.00	
10							8.00	10.00	
11							6.00	10.00	
12							8.00	10.00	
13							9.00	10.00	
14							1.00	10.00	
15							0.50	10.00	
16							0.50	10.00	
17							6.00	10.00	
18							7.00	10.00	
19							7.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							6.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							8.00	10.00	
30							4.00	10.00	
31							7.00	10.00	
MONTHLY AVGS							7.32	10.00	

SUNSHINE (Minutes)

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

NUMBER OF DAYS WITH :
SKY CONDITION

Clear	Partly CLDY	Cloudy	Missing
0	3	22	

MINIMUM VISIBILTY (MILES)

<= .25	<= 3.0	>= 7.0
0	3	22

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

MAY 2010 **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	012			7.00		75	72	73	90	13	15	29.41	29.52
06	BKN	038			6.00	BR	75	71	72	87	0	00	29.45	29.56
09	BKN	035			8.00		81	71	74	72	11	15	29.46	29.57
12	BKN	037			10.00		84	74	77	72	15	13	29.43	29.54
15	BKN	050			10.00		85	72	76	65	15	18	29.36	29.47
18	BKN	060			9.00		82	73	76	74	10	16	29.38	29.49
21	SCT	032			8.00		77	73	74	88	6	16	29.44	29.55
24	OVC	043			7.00		76	72	73	87	5	15	29.49	29.60
						SUNRISE: 0538		**MAY 02**			**SUNSET: 1859**			
03	SCT	045			10.00		73	62	66	69	3	32	29.51	29.62
06	SCT	080			10.00		68	58	62	71	0	00	29.54	29.65
09	SCT	250			10.00		76	55	63	48	11	32	29.63	29.74
12	FEW	110			10.00		85	46	63	26	0	00	29.65	29.76
15	SCT	100			10.00		86	47	63	26	3	VR	29.61	29.72
18	CLR	NC			10.00		83	46	62	27	5	31	29.63	29.73
21	CLR	NC			10.00		67	49	57	53	0	00	29.71	29.81
24	CLR	NC			10.00		61	52	56	72	0	00	29.75	29.86
						SUNRISE: 0537		**MAY 03**			**SUNSET: 1859**			
03	CLR	NC			10.00		58	52	55	81	0	00	29.74	29.85
06	CLR	NC			10.00		57	54	55	90	0	00	29.77	29.88
09	CLR	NC			10.00		80	54	64	41	9	12	29.79	29.90
12	CLR	NC			10.00		89	44	63	21	3	VR	29.82	29.93
15	FEW	045			10.00		91	45	64	20	3	VR	29.80	29.91
18	FEW	100			10.00		89	48	65	24	6	27	29.78	29.89
21	BKN	120			10.00		80	56	65	44	6	20	29.84	29.95
24	SCT	110			10.00		68	49	58	51	8	35	29.91	30.02
						SUNRISE: 0536		**MAY 04**			**SUNSET: 1900**			
03	FEW	090			10.00		60	51	55	72	0	00	29.89	29.99
06	CLR	NC			10.00		54	51	52	90	0	00	29.90	30.01
09	CLR	NC			10.00		74	53	62	48	5	32	29.93	30.03
12	CLR	NC			10.00		85	48	64	28	7	32	29.89	30.00
15	CLR	NC			10.00		87	47	64	25	9	29	29.81	29.92
18	CLR	NC			10.00		86	49	64	28	0	00	29.77	29.88
21	CLR	NC			10.00		73	57	63	57	8	16	29.79	29.89
24	CLR	NC			10.00		70	57	62	64	5	20	29.79	29.89
						SUNRISE: 0536		**MAY 05**			**SUNSET: 1901**			
03	CLR	NC			10.00		59	56	57	90	0	00	29.77	29.88
06	CLR	NC			10.00		57	56	56	96	3	17	29.78	29.89
09	CLR	NC			10.00		81	53	64	38	10	19	29.81	29.92
12	CLR	NC			10.00		88	49	65	26	8	18	29.81	29.92
15	CLR	NC			10.00		93	46	65	20	9	20	29.75	29.86
18	CLR	NC			10.00		90	54	68	29	7	18	29.74	29.85
21	CLR	NC			10.00		77	61	67	58	11	18	29.79	29.89
24	CLR	NC			10.00		70	65	67	84	7	19	29.81	29.92
						SUNRISE: 0535		**MAY 06**			**SUNSET: 1901**			
03	CLR	NC			10.00		66	64	65	93	5	17	29.77	29.88
06	BKN	014			6.00	BR	65	63	64	93	0	00	29.81	29.92
09	BKN	110			10.00		76	64	68	67	7	18	29.84	29.95
12	SCT	250			10.00		85	60	69	43	9	14	29.81	29.92
15	SCT	250			10.00		89	64	72	44	15	14	29.76	29.87
18	SCT	250			10.00		81	66	71	60	13	17	29.74	29.85
21	BKN	250			10.00		74	66	69	76	10	17	29.78	29.88
24	BKN	250			10.00		73	67	69	82	9	17	29.76	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	BKN	250			10.00		72	68	69	87	7	17	29.72	29.83
06	BKN	250			8.00		72	69	70	90	10	19	29.73	29.83
09	BKN	021			10.00		80	71	74	74	9	20	29.79	29.89
12	SCT	110			10.00		89	71	76	55	14	18	29.80	29.90
15	SCT	120			10.00		92	71	77	50	15	17	29.77	29.88
18	FEW	040			10.00		88	70	76	55	7	19	29.79	29.90
21	CLR	NC			10.00		82	70	74	67	7	18	29.85	29.96
24	FEW	010			9.00		74	72	73	94	0	00	29.92	30.03
						SUNRISE: 0533		**MAY 08**			**SUNSET: 1903**			
03	BKN	043			10.00		75	69	71	82	10	35	29.93	30.03
06	BKN	027			10.00		70	61	65	73	9	02	29.98	30.09
09	BKN	042			10.00		76	60	66	58	15	04	30.06	30.16
12	BKN	043			10.00		81	63	69	54	11	05	30.06	30.17
15	OVC	055			10.00		80	61	68	52	10	04	30.03	30.13
18	OVC	042			10.00		79	56	65	45	9	05	30.01	30.11
21	BKN	044			10.00		74	53	62	48	9	06	30.03	30.14
24	CLR	NC			10.00		66	52	58	61	7	08	30.02	30.13
						SUNRISE: 0532		**MAY 09**			**SUNSET: 1903**			
03	BKN	034			10.00		63	51	56	65	9	09	30.03	30.13
06	BKN	047			10.00		65	48	56	54	5	04	30.05	30.16
09	OVC	036			10.00		69	49	58	49	13	08	30.06	30.16
12	OVC	023			10.00		78	61	67	56	14	13	30.03	30.14
15	OVC	022			10.00		77	67	70	71	15	11	29.98	30.09
18	OVC	055			10.00		76	69	71	79	11	12	29.97	30.08
21	BKN	100			10.00		75	71	72	87	10	14	29.97	30.08
24	SCT	027			10.00		74	70	71	87	16	15	29.95	30.06
						SUNRISE: 0532		**MAY 10**			**SUNSET: 1904**			
03	SCT	014			10.00		73	70	71	90	14	15	29.89	30.00
06	BKN	250			8.00		74	69	71	84	11	16	29.89	29.99
09	BKN	250			10.00		81	68	72	65	17	17	29.90	30.01
12	BKN	250			10.00		85	64	71	49	14	17	29.86	29.97
15	BKN	250			10.00		86	64	72	48	20	17	29.80	29.91
18	BKN	250			10.00		80	67	71	65	22	16	29.77	29.88
21	BKN	250			10.00		77	68	71	74	13	17	29.78	29.89
24	BKN	250			10.00		76	69	71	79	15	18	29.78	29.88
						SUNRISE: 0531		**MAY 11**			**SUNSET: 1905**			
03	BKN	250			10.00		76	70	72	82	8	17	29.77	29.87
06	BKN	250			6.00	HZ	76	70	72	82	6	15	29.82	29.93
09	SCT	250			10.00		82	70	74	67	14	17	29.84	29.95
12	SCT	250			10.00		89	70	76	54	17	17	29.83	29.93
15	SCT	250			10.00		90	65	73	44	20	16	29.79	29.89
18	BKN	250			10.00		83	71	75	67	20	16	29.77	29.87
21	BKN	250			10.00		79	71	74	77	11	16	29.79	29.90
24	BKN	250			10.00		77	70	72	79	15	16	29.79	29.89
						SUNRISE: 0530		**MAY 12**			**SUNSET: 1905**			
03	BKN	250			10.00		76	70	72	82	13	16	29.76	29.87
06	BKN	250			8.00		77	70	72	79	18	17	29.79	29.90
09	BKN	250			10.00		80	69	73	69	22	16	29.82	29.92
12	OVC	250			10.00		87	70	75	57	22	16	29.81	29.92
15	BKN	250			10.00		88	70	76	55	22	16	29.77	29.88
18	BKN	150			10.00		82	69	73	65	25	15	29.78	29.89
21	OVC	250			10.00		78	70	73	77	13	16	29.83	29.94
24	OVC	250			10.00		78	70	73	77	18	16	29.84	29.95

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

MAY 2010 **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	OVC	250			10.00		76	69	71	79	15	16	29.81	29.91
06	BKN	130			10.00		78	69	72	74	14	17	29.82	29.93
09	OVC	130			10.00		81	70	74	69	11	17	29.89	30.00
12	OVC	130			10.00		84	71	75	65	13	17	29.91	30.01
15	OVC	050			10.00		83	71	75	67	16	16	29.89	30.00
18	OVC	046			9.00		80	72	75	77	11	12	29.91	30.01
21	OVC	040			10.00		78	72	74	82	13	13	29.96	30.06
24	BKN	029			10.00		77	72	74	85	14	13	29.97	30.08
						SUNRISE: 0529 MAY 14 SUNSET: 1906								
03	BKN	042			9.00		76	72	73	87	7	15	29.96	30.07
06	BKN	250			8.00		76	72	73	87	13	13	29.96	30.07
09	BKN	250			10.00		82	71	74	69	16	15	29.98	30.09
12	BKN	250			10.00		87	71	76	59	22	12	29.98	30.09
15	BKN	130			10.00		84	71	75	65	20	12	29.90	30.01
18	OVC	055			1.00	TSRA	78	72	74	82	14	27	29.93	30.04
21	OVC	100			10.00	-RA	69	66	67	90	7	05	29.95	30.06
24	OVC	110			9.00	RA	71	67	68	87	9	24	29.93	30.03
						SUNRISE: 0528 MAY 15 SUNSET: 1907								
03	OVC	130			10.00		69	68	68	97	3	32	29.91	30.01
06	OVC	110			0.50		69	67	68	93	5	35	29.93	30.04
09	BKN	065			10.00		71	67	68	87	10	32	29.96	30.06
12	OVC	100			8.00	-RA	70	68	69	93	6	15	29.91	30.02
15	OVC	120			10.00		75	71	72	87	11	10	29.82	29.93
18	BKN	250			10.00		75	71	72	87	7	02	29.82	29.93
21	BKN	055			10.00		74	70	71	87	3	05	29.87	29.98
24	FEW	022			10.00		70	69	69	97	0	00	29.87	29.98
						SUNRISE: 0528 MAY 16 SUNSET: 1908								
03	SCT	017			7.00		70	69	69	97	5	02	29.85	29.96
06	OVC	007			0.50	FG	68	68	68	100	3	07	29.86	29.97
09	OVC	007			8.00		74	69	71	84	3	VR	29.89	30.00
12	SCT	250			10.00		81	70	74	69	6	04	29.88	29.99
15	BKN	250			10.00		87	69	75	55	7	07	29.82	29.93
18	BKN	250			10.00		84	70	74	63	8	11	29.76	29.87
21	OVC	250			10.00		75	71	72	87	0	00	29.84	29.94
24	BKN	250			10.00		74	71	72	90	0	00	29.86	29.97
						SUNRISE: 0527 MAY 17 SUNSET: 1908								
03	SCT	250			7.00		75	72	73	90	0	00	29.86	29.96
06	BKN	250			7.00	BCFG	71	70	70	97	0	00	29.88	29.99
09	BKN	120			10.00		83	71	75	67	3	22	29.93	30.03
12	BKN	250			10.00		88	69	75	53	0	00	29.91	30.01
15	BKN	110			10.00		91	69	76	49	7	16	29.83	29.94
18	BKN	250			10.00		81	69	73	67	7	12	29.84	29.95
21	BKN	250			10.00		75	68	70	79	9	01	29.88	29.99
24	BKN	250			10.00		69	66	67	90	3	33	29.86	29.97
						SUNRISE: 0527 MAY 18 SUNSET: 1909								
03	OVC	250			10.00		70	67	68	90	0	00	29.81	29.91
06	BKN	250			8.00		68	65	66	90	0	00	29.88	29.98
09	BKN	250			10.00		77	68	71	74	5	17	29.89	30.00
12	OVC	250			10.00		84	69	74	61	6	24	29.85	29.96
15	OVC	250			10.00		87	69	75	55	7	15	29.80	29.91
18	BKN	250			10.00		85	68	74	57	10	15	29.74	29.85
21	SCT	250			10.00		78	72	74	82	11	15	29.76	29.86
24	FEW	250			10.00		75	71	72	87	5	19	29.77	29.88

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	SCT	250			7.00		74	72	73	94	3	17	29.74	29.85
06	FEW	250			8.00		72	71	71	97	0	00	29.73	29.84
09	BKN	250			10.00		81	70	74	69	13	16	29.75	29.86
12	BKN	250			10.00		85	67	73	55	10	19	29.74	29.84
15	BKN	250			10.00		91	66	74	44	13	17	29.68	29.79
18	BKN	250			10.00		86	69	74	57	14	17	29.65	29.76
21	FEW	027			10.00		79	71	74	77	14	18	29.69	29.80
24	BKN	036			10.00		78	72	74	82	7	17	29.71	29.81
						SUNRISE: 0526 MAY 20 SUNSET: 1910								
03	BKN	250			10.00		77	72	74	85	10	17	29.70	29.80
06	SCT	250			10.00		75	72	73	90	7	17	29.71	29.81
09	BKN	049			10.00		83	71	75	67	9	19	29.74	29.85
12	BKN	250			10.00		88	69	75	53	8	17	29.73	29.84
15	SCT	050			10.00		90	66	74	45	11	20	29.69	29.79
18	SCT	060			10.00		87	68	74	53	7	17	29.69	29.79
21	FEW	045			10.00		80	72	75	77	10	17	29.77	29.88
24	FEW	020			10.00		77	73	74	88	9	18	29.77	29.88
						SUNRISE: 0525 MAY 21 SUNSET: 1911								
03	FEW	015			10.00		76	73	74	90	0	00	29.80	29.90
06	BKN	048			10.00		77	73	74	88	3	18	29.83	29.93
09	BKN	055			10.00		83	73	76	72	11	19	29.87	29.98
12	BKN	070			10.00		87	71	76	59	6	17	29.86	29.96
15	SCT	080			10.00		87	73	77	63	15	14	29.81	29.91
18	SCT	060			10.00		85	74	77	70	13	13	29.78	29.89
21	FEW	035			10.00		80	73	75	79	6	18	29.81	29.91
24	BKN	016			10.00		78	74	75	88	9	17	29.84	29.94
						SUNRISE: 0525 MAY 22 SUNSET: 1912								
03	BKN	250			10.00		77	73	74	88	8	16	29.81	29.91
06	SCT	250			10.00		75	73	74	94	6	16	29.82	29.93
09	BKN	250			10.00		82	72	75	72	14	17	29.86	29.96
12	SCT	250			10.00		89	71	76	55	10	19	29.82	29.93
15	SCT	044			10.00		91	71	77	52	18	15	29.78	29.88
18	BKN	045			10.00		84	74	77	72	15	12	29.76	29.87
21	BKN	250			10.00		80	74	76	82	13	15	29.81	29.91
24	SCT	020			10.00		79	74	76	85	10	16	29.80	29.91
						SUNRISE: 0524 MAY 23 SUNSET: 1912								
03	SCT	016			10.00		78	74	75	88	10	17	29.78	29.88
06	BKN	029			10.00		79	74	76	85	11	17	29.82	29.92
09	BKN	024			10.00		84	73	76	70	13	16	29.86	29.97
12	SCT	038			10.00		89	72	77	57	13	16	29.85	29.96
15	SCT	250			10.00		88	74	78	63	17	12	29.81	29.92
18	SCT	250			10.00		83	71	75	67	14	13	29.82	29.92
21	SCT	250			10.00		79	72	74	79	9	14	29.84	29.94
24	BKN	250			10.00		78	73	75	85	7	14	29.82	29.92
						SUNRISE: 0524 MAY 24 SUNSET: 1913								
03	SCT	250			10.00		78	73	75	85	7	15	29.79	29.90
06	SCT	250			10.00		76	71	73	85	6	16	29.82	29.93
09	SCT	030			10.00		84	69	74	61	14	16	29.85	29.96
12	SCT	045			10.00		87	68	74	53	15	17	29.85	29.96
15	SCT	050			10.00		88	67	74	50	11	15	29.80	29.91
18	SCT	250			10.00		84	71	75	65	14	13	29.77	29.88
21	SCT	250			10.00		79	73	75	82	5	16	29.82	29.92
24	BKN	250			10.00		74	72	73	94	5	14	29.82	29.93

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2010 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	SCT	250			9.00		75	72	73	90	0	00	29.78	29.88
06	BKN	250			6.00	BR	75	72	73	90	3	17	29.80	29.91
09	BKN	250			10.00		82	72	75	72	10	16	29.86	29.96
12	SCT	250			10.00		88	70	76	55	14	12	29.86	29.97
15	BKN	250			10.00		87	71	76	59	18	13	29.81	29.91
18	SCT	250			10.00		85	70	75	61	10	12	29.80	29.91
21	SCT	250			10.00		79	70	73	74	6	18	29.85	29.95
24	BKN	250			10.00		73	70	71	90	0	00	29.85	29.96
						SUNRISE: 0523 MAY 26 SUNSET: 1914								
03	FEW	250			10.00		71	70	70	97	0	00	29.84	29.95
06	SCT	250			10.00		70	69	69	97	0	00	29.87	29.98
09	SCT	250			10.00		83	71	75	67	0	00	29.92	30.02
12	SCT	250			10.00		90	64	73	42	5	VR	29.89	30.00
15	FEW	065			10.00		93	60	72	33	5	11	29.80	29.91
18	SCT	250			10.00		91	62	72	38	3	20	29.79	29.89
21	SCT	250			10.00		81	67	72	63	11	11	29.85	29.96
24	FEW	250			10.00		74	66	69	76	6	03	29.87	29.97
						SUNRISE: 0523 MAY 27 SUNSET: 1915								
03	FEW	250			10.00		71	67	68	87	0	00	29.84	29.94
06	FEW	250			10.00		70	67	68	90	0	00	29.86	29.97
09	FEW	250			10.00		82	69	73	65	3	VR	29.90	30.01
12	SCT	250			10.00		90	68	75	48	6	VR	29.86	29.96
15	SCT	250			10.00		92	65	74	41	11	04	29.81	29.91
18	SCT	250			10.00		91	62	72	38	9	02	29.77	29.87
21	FEW	250			10.00		81	67	72	63	3	19	29.80	29.91
24	CLR	NC			10.00		76	70	72	82	0	00	29.81	29.91
						SUNRISE: 0522 MAY 28 SUNSET: 1915								
03	SCT	060			10.00		74	70	71	87	0	00	29.79	29.90
06	FEW	065			10.00		73	70	71	90	0	00	29.80	29.90
09	FEW	250			10.00		89	67	74	48	0	00	29.81	29.92
12	SCT	250			10.00		94	66	75	40	8	03	29.79	29.90
15	SCT	250			10.00		96	64	74	35	3	35	29.71	29.82
18	BKN	250			10.00		89	65	73	45	20	06	29.68	29.79
21	BKN	250			10.00		80	69	73	69	0	00	29.70	29.81
24	BKN	250			10.00		76	71	73	85	5	20	29.71	29.82
						SUNRISE: 0522 MAY 29 SUNSET: 1916								
03	SCT	250			9.00		73	70	71	90	0	00	29.68	29.78
06	FEW	250			8.00		74	71	72	90	0	00	29.70	29.80
09	CLR	NC			10.00		86	71	76	61	6	06	29.71	29.82
12	SCT	060			10.00		92	66	74	42	0	00	29.70	29.80
15	BKN	100			10.00		94	64	74	37	6	01	29.65	29.75
18	SCT	110			10.00		90	69	76	50	9	17	29.61	29.71
21	SCT	250			10.00		84	69	74	61	5	19	29.64	29.75
24	FEW	250			10.00		76	68	71	76	0	00	29.67	29.77
						SUNRISE: 0522 MAY 30 SUNSET: 1916								
03	SCT	250			10.00		76	71	73	85	5	11	29.68	29.78
06	SCT	250			10.00		76	69	71	79	0	00	29.70	29.80
09	BKN	250			10.00		85	67	73	55	8	29	29.73	29.84
12	BKN	250			10.00		92	67	75	44	3	25	29.72	29.83
15	BKN	250			10.00		91	67	75	45	8	22	29.69	29.79
18	BKN	250			10.00		92	64	73	40	0	00	29.67	29.77
21	OVC	130			10.00	-TSRA	72	70	71	93	8	28	29.79	29.90
24	OVC	250			10.00		75	73	74	94	0	00	29.79	29.89

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	SCT	250			8.00		75	73	74	94	3	21	29.78	29.88
06	CLR	NC			7.00		74	73	73	97	0	00	29.81	29.92
09	SCT	250			10.00		79	73	75	82	6	23	29.87	29.98
12	SCT	250			10.00		89	70	76	54	0	00	29.86	29.96
15	SCT	055			10.00		93	68	76	44	3	16	29.81	29.92
18	SCT	250			10.00		88	70	76	55	8	17	29.78	29.89
21	CLR	NC			10.00		83	71	75	67	7	17	29.83	29.93
24	FEW	250			10.00		79	72	74	79	5	20	29.86	29.96

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

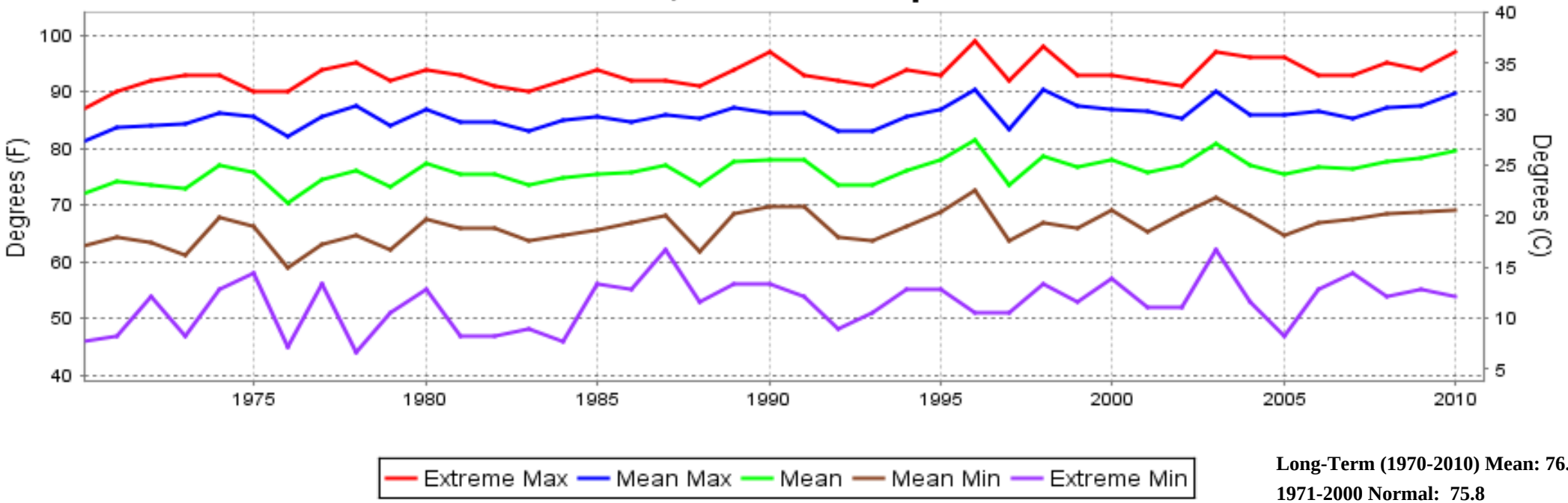
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

SUMMARY BY HOUR

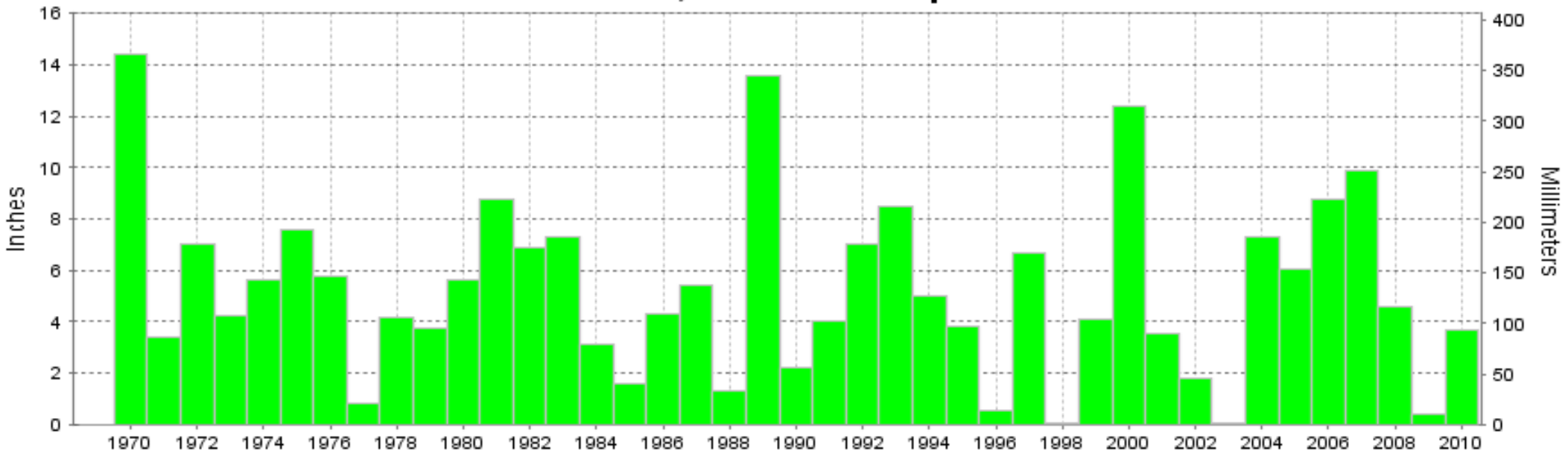
HOUR (LST)	AVERAGES CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG) STATION	PRESSURE (Inches, HG) SEA LEVEL	VISIBILITY (Miles)	WIND SPEED (MPH)	RESULTANT WIND (MPH) SPEED	RESULTANT WIND (MPH) DIRECTION
01			73	68	70	83	29.80	29.90	9.67	6	7	16
02			73	68	70	85	29.79	29.89	9.65	6	6	17
03			72	68	69	87	29.79	29.89	9.45	5	7	16
04			72	67	69	86	29.79	29.90	9.26	6	5	17
05			71	67	69	87	29.80	29.90	9.13	5	6	16
06			71	67	68	87	29.81	29.92	8.23	4	8	17
07			74	68	70	82	29.83	29.93	8.87	6	6	17
08			77	68	71	73	29.84	29.95	9.58	8	5	16
09			80	67	71	65	29.85	29.95	9.87	10	5	16
10			83	66	72	59	29.84	29.95	9.97	9	5	17
11			85	65	72	54	29.84	29.95	9.94	9	6	16
12			86	65	73	52	29.83	29.94	9.94	9	7	15
13			87	65	73	50	29.81	29.92	9.87	10	6	14
14			88	65	73	49	29.80	29.90	10.00	11	7	14
15			88	65	73	49	29.78	29.89	10.00	12	7	13
16			88	65	73	50	29.77	29.87	9.97	11	7	14
17			86	66	73	54	29.76	29.87	9.94	11	9	13
18			84	66	73	57	29.76	29.87	9.65	11	6	14
19			81	66	72	62	29.78	29.88	9.58	10	6	14
20			78	67	71	70	29.79	29.90	9.65	9	7	14
21			77	68	71	74	29.81	29.91	9.94	8	5	15
22			76	68	71	76	29.82	29.93	9.74	8	5	16
23			75	68	70	79	29.82	29.93	9.87	7	6	15
24			74	68	70	82	29.82	29.93	9.84	6	6	16

HOUSTON, TX MAY Temperatures



Long-Term (1970-2010) Mean: 76.0
1971-2000 Normal: 75.8

HOUSTON, TX MAY Precipitation



Long-Term (1970-2010) Mean Monthly Total: 5.12 **1971-2000 Normal: 5.15**

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LOCAL CLIMATOLOGICAL DATA

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