



# MAY 2005

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# HOUSTON, TX

G BUSH INTCNTL APT/HOU APT (IAH)  
 Lat: 29°59' N Long: 95°21' W Elev (Ground): 118 Feet  
 Time Zone: CENTRAL WBAN: 12960 ISSN #:0198-5094

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	0600 LST		1200 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM						
																			5-SEC	2-MIN	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	76	47*	62*	-10	45	53	3	0	MIFG	0		0.0	0.00	30.02	30.13	4.4	05	5.0	22	08	17	09	01		
02	78	51	65	-8	48	56	0	0		0		0.0	0.00	30.00	30.11	3.5	11	5.5	17	12	14	12	02		
03	76	57	67	-6	49	57	0	2		0		0.0	0.00	30.02	30.14	8.7	07	9.3	20	09	17	05	03		
04	77	59	68	-5	52	58	0	3	RA	0		0.0	0.03	30.08	30.19	8.0	04	9.0	22	05	16	05	04		
05	82	53	68	-5	50	58	0	3		0		0.0	0.00	30.08	30.20	3.2	05	5.4	17	36	13	02	05		
06	83	57	70	-4	53	60	0	5		0		0.0	0.00	30.00	30.12	6.3	13	6.8	23	14	17	13	06		
07	82	56	69	-5	62	65	0	4		0		0.0	0.00	29.90	30.02	9.9	14	10.3	25	13	21	14	07		
08	76	61	69	-5	63	65	0	4	TS TSRA RA BR	0		0.0	2.34	29.84	29.95	6.6	09	12.7	44*	09	38*	03	08		
09	88	60	74	0	67	69	0	9	RA BR	0		0.0	T	29.81	29.92	4.2	15	6.5	18	13	15	13	09		
10	88	68	78	3	68	71	0	13	BR	0		0.0	0.00	29.83	29.95	7.9	15	8.4	21	12	17	12	10		
11	85	66	76	1	67	70	0	11	BR	0		0.0	0.00	29.84	29.95	11.2	14	11.7	28	13	22	15	11		
12	83	69	76	1	67	70	0	11		0		0.0	0.00	29.89	30.01	11.4	15	11.5	24	14	21	15	12		
13	84	65	75	0	66	69	0	10	BR	0		0.0	0.00	29.87	29.98	8.4	14	8.7	24	13	21	13	13		
14	85	67	76	1	65	69	0	11	BR	0		0.0	0.00	29.85	29.96	0.5	27	3.7	13	15	10	13	14		
15	86	66	76	0	60	66	0	11		0		0.0	0.00	29.84	29.95	6.4	03	7.3	18	08	15	01	15		
16	80	64	72	-4	58	64	0	7		0		0.0	0.00	29.82	29.93	4.0	06	5.4	15	09	10	04	16		
17	85	63	74	-3	62	67	0	9		0		0.0	0.00	29.77	29.88	6.3	13	7.5	22	12	17	14	17		
18	85	65	75	-2	66	69	0	10	BR	0		0.0	0.00	29.76	29.88	7.7	14	8.6	25	12	21	12	18		
19	89	65	77	0	66	70	0	12		0		0.0	0.00	29.78	29.90	4.4	16	5.3	18	15	17	13	19		
20	91	72	82	5	68	72	0	17	BR	0		0.0	0.00	29.78	29.90	2.1	25	3.4	15	28	10	28	20		
21	96	73	85	8	69	74	0	20		0		0.0	0.00	29.74	29.85	5.3	26	5.8	15	28	12	29	21		
22	96*	74	85*	8	68	73	0	20		0		0.0	0.00	29.75	29.86	3.2	24	4.6	14	18	12	16	22		
23	92	74	83	6	68	73	0	18		0		0.0	0.00	29.72	29.83	4.6	19	6.4	18	18	16	14	23		
24	92	69	81	4	67	72	0	16	BR	0		0.0	0.00	29.69	29.80	4.0	21	5.1	17	20	13	20	24		
25	94	69	82	4	66	72	0	17		0		0.0	0.00	29.70	29.81	1.1	11	4.7	17	02	15	03	25		
26	91	70	81	3	66	70	0	16	RA	0		0.0	T	29.81	29.93	4.8	02	6.4	20	02	16	01	26		
27	90	69	80	2	64	70	0	15		0		0.0	0.00	29.84	29.96	2.0	13	5.6	17	13	15	12	27		
28	91	71	81	3	69	73	0	16	RA BR HZ	0		0.0	0.02	29.77	29.88	6.4	18	7.1	21	16	17	16	28		
29	89	68	79	1	68	71	0	14	TS TSRA RA BR	0		0.0	3.56	29.69	29.80	1.3	14	6.6	36	30	30	09	29		
30	84	68	76	-3	69	71	0	11	RA	0		0.0	0.11	29.65	29.76	3.7	08	6.4	22	03	21	03	30		
31	88	70	79	0	69	72	0	14	RA	0		0.0	T	29.66	29.77	2.9	02	4.1	14	04	12	05	31		

85.9	64.7	75.3	■ ■	62.8	67.4	0.1	10.6	< MONTHLY AVERAGES	TOTALS->	0.0	6.06	29.83	29.95	0.8	25	6.9	<- MONTHLY AVERAGES
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0.4	-1.4	- .5	■ ■	->-----DEPARTURE FROM NORMAL-----<							0.91	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
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<b>DEGREE DAYS</b>								GREATEST 24-HR PRECIPITATION: 3.67 DATE :29-30				SEA LEVEL PRESSURE DATE TIME			
MONTHLY TOTAL DEPARTURE				SEASON TO DATE TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL: 0.0 DATE :				MAXIMUM : 30.26 05 0953			
HEATING: 3 1 1153 -372				GREATEST SNOW DEPTH: 0 DATE :				MINIMUM : 29.68 24 1953				PRECIPITATION ≥ 0.01 INCH : 5			
COOLING: 329 1 572 -2				NUMBER OF DAYS WITH →				MAXIMUM TEMP ≥ 90: 9				PRECIPITATION ≥ 0.10 INCH : 3			
								MAXIMUM TEMP ≤ 32 : 0				SNOWFALL ≥ 1.0 INCH : 0			
								MINIMUM TEMP ≤ 0 : 0							
								THUNDERSTORMS : 2							
								HEAVY FOG : 0							

MAY 2005 HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## HOUSTON, TX

MAY 2005

IAH

WBAN # 12960

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01		0.00		
02													02												02		0.00		
03													03												03		0.00		
04		T	0.02	0.01		T							04												04		0.03		
05													05												05		0.00		
06													06												06		0.00		
07													07												07		0.00		
08													08	T	0.27	0.92	0.20	0.63	0.20	0.04			0.08	T	08		2.34		
09													09												09		T		
10													10												10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13													13												13		0.00		
14													14												14		0.00		
15													15												15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18												18		0.00		
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		0.00		
25													25												25		0.00		
26													26			T	T	T							26		T		
27													27												27		0.00		
28													28												28		0.02		
29					0.03	0.01	T				0.02		29			T	T	0.01	0.20	1.90	0.35	0.80	0.25	0.01	29		3.56		
30	0.10	0.01											30												30		0.11		
31													31			T									31		T		

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.34	.61	.85	1.06	1.45	1.79	1.98	2.16	2.34	2.45	2.76	3.14
Ending Date	29	29	29	29	29	29	29	29	29	29	29	29
Ending Time (Hour/Min)	1930	1932	1937	1932	1941	1951	2004	2004	2017	2033	2136	2155

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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 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		
	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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

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

## HOUSTON, TX MAY 2005

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	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							8.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							8.00	10.00	
08							.75	10.00	
09							2.50	10.00	
10							5.00	10.00	
11							5.00	10.00	
12							7.00	10.00	
13							3.00	10.00	
14							2.50	10.00	
15							7.00	10.00	
16							10.00	10.00	
17							8.00	10.00	
18							3.00	10.00	
19							7.00	10.00	
20							7.00	10.00	
21							7.00	10.00	
22							9.00	10.00	
23							7.00	10.00	
24							6.00	10.00	
25							8.00	10.00	
26							7.00	10.00	
27							7.00	10.00	
28							2.00	10.00	
29							2.00	10.00	
30							10.00	10.00	
31							8.00	10.00	
<b>MONTHLY AVGS</b>							6.67	10.00	
<b>SUNSHINE (MINUTES)</b>									
Total:                      Possible: Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING 31									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0 0            7            21									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

MAY 2005

IAH

WBAN # 12960

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT		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
<b>SUNRISE: 0539</b>				<b>MAY 01</b>				<b>SUNSET: 1858</b>				<b>SUNRISE: 0534</b>				<b>MAY 07</b>				<b>SUNSET: 1902</b>							
03	CLR	NC			8.00												9.00	60	57	58	90	0	00	29.92	30.03		
06	SCT	NC			10.00	MIFG											8.00	57	55	56	93	3	11	29.93	30.05		
09	SCT	NC			10.00												10.00	74	62	67	67	13	16	29.96	30.07		
12	BKN	250			10.00												10.00	80	59	67	49	16	15	29.92	30.04		
15	SCT	NC			10.00												10.00	79	65	70	62	17	12	29.87	29.98		
18	SCT	NC			10.00												10.00	75	65	69	71	16	14	29.84	29.96		
21	SCT	NC			10.00												10.00	71	66	68	84	10	12	29.86	29.98		
24	SCT	NC			10.00												10.00	70	66	67	87	10	15	29.86	29.98		
<b>SUNRISE: 0538</b>				<b>MAY 02</b>				<b>SUNSET: 1859</b>				<b>SUNRISE: 0533</b>				<b>MAY 08</b>				<b>SUNSET: 1903</b>							
03	SCT	NC			10.00												10.00	71	65	67	81	12	15	29.82	29.94		
06	BKN	250			10.00												10.00	71	65	67	81	12	14	29.84	29.96		
09	BKN	250			10.00												10.00	73	65	68	76	6	17	29.89	30.01		
12	BKN	250			10.00												10.00	65	61	63	87	18	06	29.85	29.97		
15	OVC	250			10.00												10.00	64	62	63	93	18	01	29.85	29.97		
18	OVC	250			10.00												4.00	63	61	62	93	29	06	29.81	29.93		
21	OVC	250			10.00												10.00	63	60	61	90	8	15	29.78	29.90		
24	BKN	250			10.00												10.00	62	60	61	93	0	00	29.84	29.96		
<b>SUNRISE: 0537</b>				<b>MAY 03</b>				<b>SUNSET: 1860</b>				<b>SUNRISE: 0532</b>				<b>MAY 09</b>				<b>SUNSET: 1904</b>							
03	BKN	250			10.00												7.00	61	60	60	97	3	16	29.77	29.89		
06	BKN	250			10.00												9.00	65	63	64	93	3	35	29.81	29.92		
09	SCT	NC			10.00												6.00	74	70	71	88	6	15	29.85	29.97		
12	BKN	250			10.00												10.00	82	70	74	67	6	26	29.84	29.96		
15	OVC	250			10.00												10.00	86	67	73	53	3	VR	29.78	29.90		
18	BKN	250			10.00												9.00	81	71	74	72	10	12	29.76	29.88		
21	OVC	120			10.00												10.00	75	69	71	82	9	16	29.81	29.93		
24	BKN	250			10.00												7.00	72	69	70	91	3	18	29.82	29.94		
<b>SUNRISE: 0536</b>				<b>MAY 04</b>				<b>SUNSET: 1900</b>				<b>SUNRISE: 0531</b>				<b>MAY 10</b>				<b>SUNSET: 1904</b>							
03	OVC	055			10.00	-RA											6.00	70	68	69	93	6	16	29.80	29.92		
06	OVC	090			10.00												10.00	72	66	68	82	6	17	29.84	29.96		
09	OVC	080			10.00												10.00	76	66	70	72	8	20	29.87	29.99		
12	BKN	130			10.00												8.00	82	68	73	63	9	16	29.85	29.97		
15	BKN	100			10.00												10.00	86	68	74	55	8	18	29.80	29.92		
18	SCT	NC			10.00												10.00	81	70	74	69	14	12	29.80	29.92		
21	FEW	NC			10.00												8.00	73	68	70	84	10	13	29.82	29.94		
24	CLR	NC			10.00												5.00	69	67	68	93	5	18	29.83	29.95		
<b>SUNRISE: 0535</b>				<b>MAY 05</b>				<b>SUNSET: 1901</b>				<b>SUNRISE: 0531</b>				<b>MAY 11</b>				<b>SUNSET: 1905</b>							
03	CLR	NC			10.00												7.00	69	66	67	90	8	14	29.80	29.92		
06	FEW	NC			10.00												5.00	68	66	67	93	7	12	29.83	29.95		
09	FEW	NC			10.00												7.00	77	66	70	69	18	15	29.86	29.98		
12	FEW	NC			10.00												10.00	83	63	70	51	13	16	29.84	29.96		
15	SCT	NC			10.00												10.00	82	69	73	65	18	12	29.82	29.93		
18	FEW	NC			10.00												10.00	78	67	71	69	17	12	29.82	29.94		
21	FEW	NC			10.00												10.00	73	68	70	84	14	14	29.85	29.96		
24	SCT	NC			10.00												10.00	73	67	69	81	7	17	29.86	29.98		
<b>SUNRISE: 0534</b>				<b>MAY 06</b>				<b>SUNSET: 1902</b>				<b>SUNRISE: 0530</b>				<b>MAY 12</b>				<b>SUNSET: 1905</b>							
03	BKN	250			10.00												8.00	69	67	68	93	8	15	29.84	29.96		
06	BKN	250			10.00												7.00	72	68	69	87	10	15	29.86	29.98		
09	BKN	250			10.00												9.00	77	67	70	71	17	15	29.92	30.03		
12	BKN	250			10.00												10.00	82	64	70	55	16	16	29.93	30.05		
15	SCT	NC			10.00												10.00	82	69	73	65	14	13	29.91	30.02		
18	SCT	NC			10.00												9.00	77	64	69	64	16	14	29.89	30.01		
21	BKN	250			10.00												10.00	73	67	69	81	10	14	29.89	30.01		
24	SCT	NC			10.00												7.00	70	67	68	90	5	16	29.89	30.01		

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

MAY 2005

IAH

WBAN # 12960

HOUR (LST)	SATELLITE			WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE			WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT	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	SKY COVER		CEILING 100'S OF FT	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: 0529					MAY 13					SUNSET: 1906					SUNRISE: 0526					MAY 19					SUNSET: 1910				
03	BKN	250		5.00	BR	69	67	68	93	0	00	29.87	29.98	03	BKN	018		9.00	66	65	65	96	0	00	29.77	29.89			
06	BKN	250		3.00	BR	66	65	65	96	0	00	29.87	29.98	06	SCT	NC		7.00	67	66	66	97	0	00	29.79	29.91			
09	BKN	250		10.00		76	66	70	72	12	15	29.90	30.02	09	BKN	020		10.00	79	67	71	67	5	20	29.82	29.94			
12	BKN	250		10.00		83	64	71	53	14	15	29.89	30.01	12	BKN	044		10.00	83	63	70	51	8	18	29.81	29.93			
15	BKN	250		10.00		82	66	71	58	18	12	29.85	29.97	15	BKN	055		10.00	88	62	71	42	0	00	29.75	29.86			
18	BKN	250		10.00		77	66	70	69	16	14	29.82	29.93	18	SCT	NC		10.00	83	70	74	65	10	11	29.73	29.85			
21	BKN	250		9.00		73	66	69	79	9	16	29.83	29.95	21	FEW	NC		10.00	77	69	72	77	7	17	29.77	29.89			
24	BKN	250		6.00	BR	70	67	68	90	5	16	29.85	29.96	24	SCT	NC		10.00	74	69	71	85	6	19	29.79	29.91			
SUNRISE: 0529					MAY 14					SUNSET: 1907					SUNRISE: 0525					MAY 20					SUNSET: 1911				
03	BKN	250		5.00	BR	69	67	68	93	0	00	29.84	29.96	03	BKN	009		8.00	73	70	71	90	0	00	29.77	29.89			
06	BKN	250		3.00	BR	68	66	67	93	6	02	29.91	30.03	06	SCT	NC		7.00	73	70	71	90	0	00	29.80	29.92			
09	OVC	250		8.00		76	66	70	72	8	13	29.86	29.98	09	BKN	029		10.00	78	68	71	71	5	VR	29.83	29.94			
12	BKN	250		8.00		81	63	69	54	3	VR	29.87	29.99	12	BKN	038		10.00	83	67	72	59	5	26	29.81	29.93			
15	OVC	250		9.00		85	60	69	43	5	29	29.83	29.95	15	BKN	055		10.00	86	64	72	48	5	30	29.76	29.88			
18	BKN	250		10.00		84	61	69	46	3	29	29.77	29.89	18	SCT	NC		10.00	88	65	73	46	0	00	29.73	29.85			
21	BKN	250		9.00		76	65	69	69	5	20	29.81	29.93	21	FEW	NC		10.00	77	67	70	71	0	00	29.76	29.88			
24	SCT	NC		9.00		71	66	68	84	6	28	29.84	29.96	24	SCT	NC		10.00	77	67	70	71	7	20	29.77	29.88			
SUNRISE: 0528					MAY 15					SUNSET: 1907					SUNRISE: 0525					MAY 21					SUNSET: 1911				
03	OVC	250		9.00		69	63	65	81	5	34	29.84	29.95	03	CLR	NC		10.00	74	69	71	85	5	24	29.76	29.88			
06	BKN	250		10.00		67	62	64	84	6	02	29.86	29.98	06	CLR	NC		7.00	73	70	71	90	7	26	29.77	29.88			
09	SCT	NC		10.00		77	63	68	62	13	06	29.87	29.99	09	CLR	NC		10.00	83	69	74	63	7	27	29.78	29.90			
12	SCT	NC		10.00		82	60	68	47	12	06	29.87	29.99	12	FEW	NC		10.00	91	68	75	47	8	26	29.76	29.87			
15	SCT	NC		10.00		83	56	66	40	9	04	29.81	29.93	15	SCT	NC		10.00	95	68	76	41	6	27	29.70	29.81			
18	SCT	NC		10.00		82	54	65	38	13	02	29.78	29.90	18	FEW	NC		10.00	94	64	74	37	5	VR	29.68	29.79			
21	SCT	NC		10.00		74	57	64	56	6	01	29.81	29.93	21	BKN	130		10.00	86	70	75	59	5	27	29.72	29.84			
24	SCT	NC		10.00		68	56	61	66	3	01	29.82	29.94	24	FEW	NC		10.00	79	70	73	74	6	24	29.73	29.85			
SUNRISE: 0527					MAY 16					SUNSET: 1908					SUNRISE: 0524					MAY 22					SUNSET: 1912				
03	BKN	250		10.00		67	53	59	61	5	05	29.82	29.94	03	SCT	NC		10.00	77	68	71	74	3	25	29.74	29.85			
06	BKN	130		10.00		67	53	59	61	5	36	29.84	29.96	06	CLR	NC		9.00	74	68	70	82	6	25	29.75	29.86			
09	OVC	250		10.00		69	55	61	61	8	01	29.87	29.98	09	FEW	NC		10.00	84	67	73	57	6	26	29.79	29.91			
12	OVC	250		10.00		77	58	65	52	6	09	29.84	29.95	12	FEW	NC		10.00	93	69	76	46	5	VR	29.78	29.90			
15	OVC	250		10.00		80	57	66	45	5	VR	29.79	29.91	15	SCT	NC		10.00	95	66	75	39	5	36	29.72	29.84			
18	OVC	250		10.00		74	63	67	69	6	09	29.78	29.90	18	SCT	NC		10.00	91	67	75	45	0	00	29.69	29.80			
21	OVC	250		10.00		69	63	65	81	3	26	29.79	29.91	21	SCT	NC		10.00	85	69	74	59	6	18	29.73	29.85			
24	OVC	130		10.00		68	65	66	90	0	00	29.79	29.91	24	FEW	NC		10.00	80	64	70	58	8	22	29.75	29.86			
SUNRISE: 0527					MAY 17					SUNSET: 1909					SUNRISE: 0524					MAY 23					SUNSET: 1912				
03	BKN	250		9.00		66	63	64	90	3	02	29.76	29.88	03	CLR	NC		10.00	76	70	72	82	6	23	29.71	29.83			
06	SCT	NC		10.00		64	62	63	93	7	10	29.78	29.90	06	SCT	NC		7.00	75	71	72	88	5	VR	29.74	29.85			
09	FEW	NC		10.00		76	61	67	60	9	11	29.81	29.93	09	SCT	NC		10.00	82	70	74	67	5	VR	29.78	29.90			
12	BKN	043		10.00		82	62	69	51	9	16	29.78	29.90	12	SCT	NC		10.00	88	69	75	54	6	20	29.75	29.87			
15	BKN	080		10.00		80	58	66	47	12	15	29.73	29.85	15	BKN	250		10.00	91	65	74	42	9	15	29.71	29.82			
18	SCT	NC		10.00		78	64	69	62	15	13	29.72	29.83	18	SCT	NC		10.00	89	66	74	47	6	17	29.65	29.77			
21	SCT	NC		10.00		72	64	67	76	5	17	29.75	29.87	21	SCT	NC		10.00	81	67	72	62	7	18	29.69	29.80			
24	FEW	NC		8.00		70	66	67	87	3	17	29.75	29.86	24	SCT	NC		10.00	76	69	71	79	5	19	29.71	29.83			
SUNRISE: 0526					MAY 18					SUNSET: 1909					SUNRISE: 0523					MAY 24					SUNSET: 1913				
03	FEW	NC		5.00	BR	68	66	67	93	5	16	29.72	29.84	03	BKN	250		10.00	74	70	71	88	0	00	29.71	29.82			
06	SCT	NC		3.00	BR	67	66	66	97	0	00	29.77	29.88	06	BKN	250		6.00	70	68	69	93	0	00	29.74	29.85			
09	BKN	028		10.00		78	66	70	67	9	18	29.80	29.91	09	BKN	029		10.00	81	68	72	65	7	21	29.76	29.87			
12	BKN	044		10.00		83	64	71	53	8	18	29.77	29.89	12	SCT	NC		10.00	87	65	72	48	6	VR	29.75	29.86			
15	BKN	050		10.00		83	68	73	61	17	12	29.73	29.85	15	SCT	NC		10.00	90	65	73	44	7	19	29.65	29.77			
18	BKN	250		10.00		80	67	71	64	16	12	29.73	29.84	18	SCT	NC		10.00	90	62	72	39	6	19	29.61	29.73			
21	BKN	250		10.00		73	66	69	79	9	15	29.76	29.88	21	SCT	NC		10.00	82	68	73	63	6	20	29.62	29.73			
24	SCT	NC		10.00		70	67	68	90	3	17	29.78	29.90	24	SCT	NC		10.00	75	68	70	79	6	19	29.66	29.78			

# OBSERVATIONS AT 3-HOURLY INTERVALS

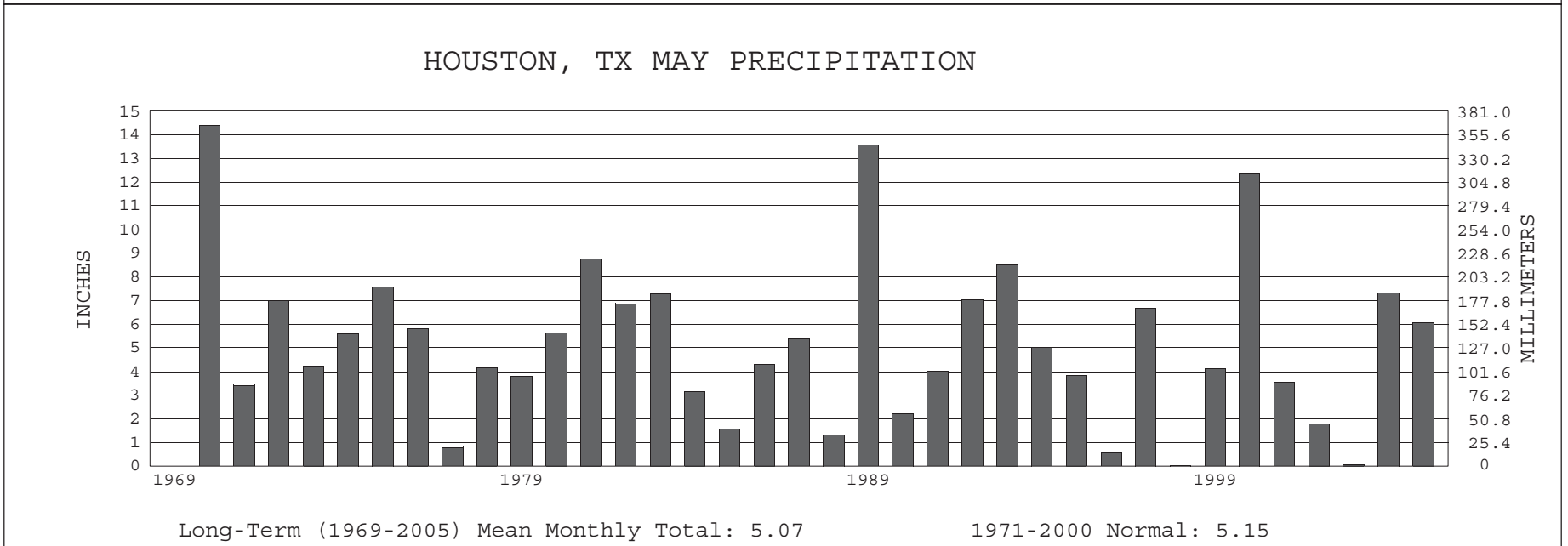
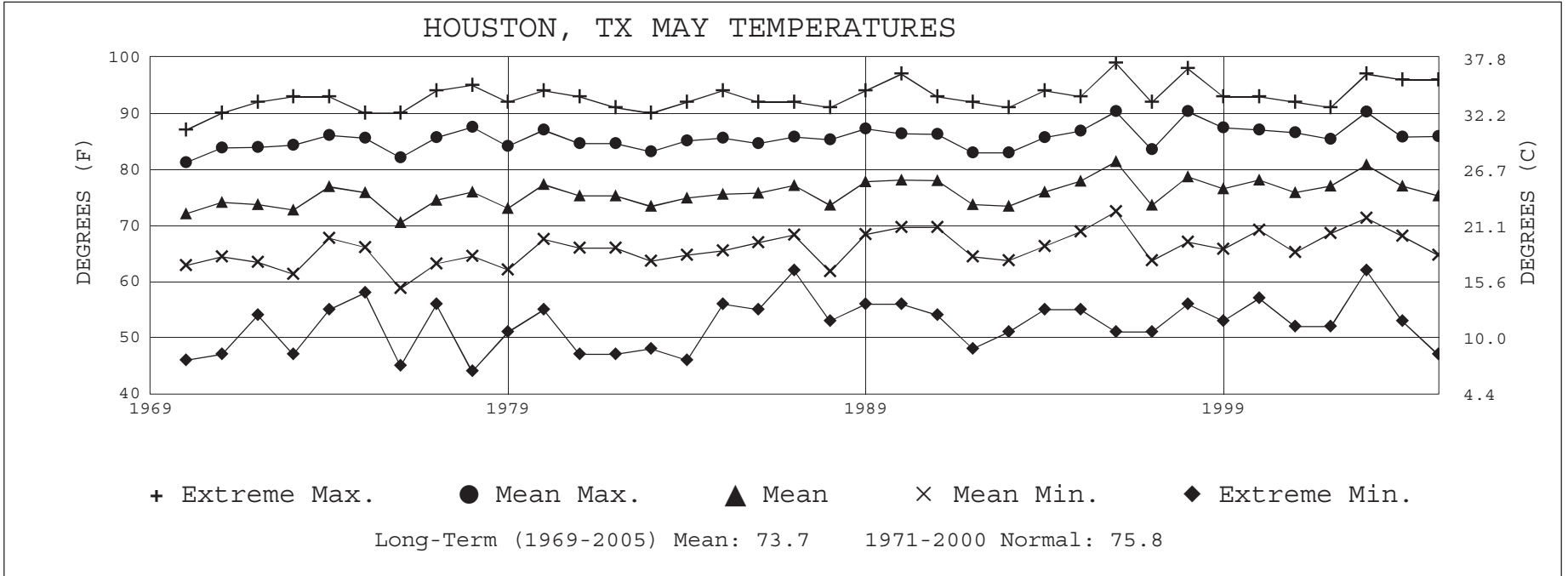
# HOUSTON, TX

MAY 2005

IAH

WBAN # 12960

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okltas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okltas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)					SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL												
SUNRISE: 0523										MAY 25				SUNSET: 1914				SUNRISE: 0521										MAY 31				SUNSET: 1917			
03	BKN	014						10.00		71	68	69	90	0	00	29.68	29.79	03	SCT	NC						8.00		72	69	70	91	3	33	29.65	29.77
06	FEW	NC						8.00		72	69	70	91	3	17	29.69	29.80	06	SCT	NC					10.00		71	69	70	94	0	00	29.67	29.79	
09	SCT	NC						10.00		81	68	72	65	5	24	29.71	29.82	09	SCT	NC					10.00		80	69	73	69	5	30	29.69	29.80	
12	SCT	NC						10.00		88	63	72	43	3	VR	29.71	29.82	12	BKN	042					10.00		85	67	73	55	5	30	29.67	29.79	
15	SCT	NC						10.00		92	57	70	31	3	VR	29.67	29.78	15	BKN	060					10.00		86	66	73	51	6	34	29.63	29.75	
18	SCT	NC						10.00		91	62	72	38	8	03	29.67	29.79	18	SCT	NC					10.00		86	67	73	53	8	06	29.61	29.72	
21	SCT	NC						10.00		82	70	74	67	5	17	29.69	29.80	21	FEW	NC					10.00		77	71	73	82	5	06	29.64	29.76	
24	SCT	NC						10.00		76	71	73	85	5	34	29.75	29.87	24	SCT	NC					10.00		75	70	72	84	5	36	29.65	29.77	
SUNRISE: 0523										MAY 26				SUNSET: 1914				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, VV = 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.																									
03	BKN	250						10.00		72	66	68	82	6	02	29.78	29.89																		
06	BKN	080						10.00		72	64	67	76	7	02	29.82	29.93																		
09	BKN	250						10.00		79	67	71	67	10	08	29.83	29.94																		
12	BKN	037						10.00		87	68	74	53	6	VR	29.82	29.94																		
15	OVC	250						10.00	-RA	85	67	73	55	10	02	29.80	29.92																		
18	OVC	140						7.00		80	70	73	71	3	32	29.81	29.93																		
21	BKN	250						10.00		76	62	67	62	6	04	29.80	29.92																		
24	BKN	250						10.00		71	63	66	76	0	00	29.84	29.96																		
SUNRISE: 0522										MAY 27				SUNSET: 1915				SUMMARY BY HOUR																	
										AVERAGES										RESULTANT WIND (MPH)															
HOUR (LST)	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			69	63	65	84	29.83	29.95	9.10	4	0	0																							
02			68	63	65	85	29.82	29.94	8.90	3	1	15																							
03			67	63	65	86	29.82	29.94	8.65	4	1	10																							
04			67	63	64	87	29.82	29.94	8.61	4	1	9																							
05			66	63	64	88	29.83	29.95	8.32	4	1	1																							
06			67	62	64	87	29.85	29.96	8.06	4	1	9																							
07			69	63	65	83	29.86	29.98	8.27	5	2	11																							
08			72	63	67	74	29.87	29.99	9.11	8	3	11																							
09			75	62	67	65	29.87	29.99	9.65	8	4	13																							
10			78	62	68	59	29.88	29.99	9.87	8	4	13																							
11			80	62	68	55	29.87	29.99	9.97	8	3	13																							
12			82	61	69	51	29.85	29.97	9.87	7	4	14																							
13			83	62	69	50	29.84	29.95	9.87	7	4	12																							
14			84	62	70	49	29.82	29.94	9.61	7	4	10																							
15			83	61	69	49	29.80	29.92	9.67	8	4	11																							
16			84	61	70	49	29.79	29.91	9.77	9	4	12																							
17			83	62	69	52	29.78	29.90	9.63	10	5	11																							
18			81	62	69	56	29.78	29.90	9.58	10	7	10																							
19			78	63	69	63	29.78	29.90	9.56	10	7	12																							
20			75	64	68	68	29.79	29.91	9.55	8	5	13																							
21			74	64	68	72	29.81	29.93	9.77	6	5	15																							
22			72	64	67	76	29.83	29.94	9.32	5	3	15																							
23			71	64	67	79	29.83	29.95	9.26	5	3	16																							
24			70	64	66	81	29.83	29.94	9.32	4	2	18																							





MAY 2005

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.*

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