



AUGUST 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

AUGUST 2005
HOUSTON, TX

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																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25																															
01	95	75	85	1	73	76	0	20	TS RA BR	0		0.0	0.02	29.88	29.99	3.2	09	4.9	23	08	20	06	01	26																															
02	95	75	85	1	72	76	0	20	BR	0		0.0	0.00	29.86	29.97	1.7	07	4.7	20	06	16	06	02	27																															
03	93	76	85	1	73	76	0	20	BR	0		0.0	0.00	29.84	29.95	2.4	12	5.3	20	12	16	12	03	28																															
04	93	74	84	0	72	76	0	19	TS	0		0.0	0.00	29.89	30.00	1.7	15	3.7	16	13	13	34	04	29																															
05	93	75	84	0	71	74	0	19	TS	0		0.0	0.00	29.94	30.05	1.1	33	5.2	20	21	15	20	05	30																															
06	96	74	85	1	70	74	0	20	RA	0		0.0	T	29.91	30.02	0.9	23	4.6	13	10	10	12	06	31																															
07	96	76	86	2	71	75	0	21	BR	0		0.0	0.00	29.90	30.01	1.1	15	5.9	23	17	21	17	07	01																															
08	93	74	84	0	72	74	0	19	TS TSRA RA BR HZ	0		0.0	0.38	29.89	30.00	0.3	09	2.9	28	14	24	12	08	02																															
09	89	72	81*	-3	73	74	0	16	TS TSRA RA FG BR	0		0.0	0.13	29.89	30.00	4.8	09	6.6	20	09	17	03	09	03																															
10	94	72*	83	-1	71	75	0	18		0		0.0	0.00	29.88	29.99	4.8	16	6.3	16	16	13	16	10	04																															
11	95	75	85	1	73	76	0	20		0		0.0	0.00	29.89	30.00	5.2	16	5.7	20	12	17	12	11	05																															
12	94	75	85	1	74	77	0	20		0		0.0	0.00	29.86	29.97	6.5	15	7.1	29	15	24	13	12	06																															
13	95	75	85	1	73	76	0	20		0		0.0	0.00	29.82	29.94	6.0	18	6.2	18	14	14	18	13	07																															
14	91	76	84	0	75	77	0	19	TS TSRA RA	0		0.0	0.01	29.85	29.96	5.4	13	6.4	22	22	16	19	14	08																															
15	93	75	84	0	74	76	0	19	TS TSRA BR	0		0.0	T	29.94	30.05	4.2	12	6.7	30	15	26	15	15	09																															
16	91	74	83	0	74	75	0	18	TS TSRA RA	0		0.0	0.02	29.95	30.07	3.6	11	5.0	30	17	25	17	16	10																															
17	92	74	83	0	74	77	0	18	TS RA	0		0.0	T	29.86	29.98	3.3	15	5.1	30	13	25	13	17	11																															
18	95	76	86	3	74	76	0	21	TSRA RA	0		0.0	T	29.83	29.94	3.9	17	5.2	31	14	22	14	18	12																															
19	94	75	85	2	75	77	0	20	TS TSRA RA	0		0.0	0.09	29.88	29.99	4.1	16	4.6	28	14	24	13	19	13																															
20	96	77	87	4	74	78	0	22		0		0.0	0.00	29.94	30.06	3.4	15	4.3	17	14	14	14	20	14																															
21	96	74	85	2	71	76	0	20	RA	0		0.0	T	29.92	30.03	2.3	15	4.1	13	13	12	10	21	15																															
22	97	77	87	4	74	77	0	22	TS TSRA RA	0		0.0	0.20	29.81	29.92	0.9	25	3.5	24	10	21	11	22	16																															
23	95	77	86	3	75	78	0	21		0		0.0	0.00	29.76	29.87	3.2	17	3.8	15	17	13	16	23	17																															
24	95	76	86	3	74	78	0	21		0		0.0	0.00	29.80	29.92	3.6	15	5.3	20	12	13	12	24	18																															
25	88	77	83	1	76	78	0	18	TS TSRA RA	0		0.0	0.05	29.87	29.98	1.9	13	3.2	16	13	14	12	25	19																															
26	94	76	85	3	75	78	0	20	BR	0		0.0	0.00	29.79	29.90	2.1	13	3.7	18	10	12	13	26	20																															
27	99*	76	88*	6	74	78	0	23	TSRA BR	0		0.0	0.08	29.69	29.80	2.3	08	5.7	38*	04	33*	04	27	21																															
28	93	75	84	2	73	76	0	19	TSRA RA	0		0.0	0.17	29.60	29.71	7.3	36	8.4	24	02	18	03	28	22																															
29	95	76	86	4	73	76	0	21	TS TSRA RA HZ	0		0.0	0.37	29.52	29.63	7.1	33	8.4	35	31	26	34	29	23																															
30	94	74	84	2	71	75	0	19		0		0.0	0.00	29.65	29.76	0.5	11	3.5	14	13	13	12	30	24																															
31	97	76	87	5	73	76	0	22	BR	0		0.0	0.00	29.73	29.84	2.2	15	4.7	22	14	20	14	31	25																															
94.1										75.1		84.6		■ ■		73.1		76.2		0.0		19.8		< MONTHLY AVERAGES		TOTALS->		0.0		1.52		29.83		29.95		0.8		02		5.2		<- MONTHLY AVERAGES													
0.6										2.1		1.3		■ ■		<-----		DEPARTURE FROM NORMAL		----->																																			
MONTHLY										GREATEST 24-HR PRECIPITATION: 0.51										DATE: 08-09		SEA LEVEL PRESSURE										DATE		TIME																					
TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0										DATE:		MAXIMUM										:		30.12		20		0953																	
HEATING: 0										SEASON TO DATE										TOTAL DEPARTURE		MINIMUM										:		29.58		29		1353																	
COOLING: 615										TOTAL DEPARTURE										52		NUMBER OF DAYS WITH										->		MAXIMUM TEMP ≥ 90: 29										MINIMUM TEMP ≤ 32: 0		PRECIPITATION ≥ 0.01 INCH: 11									
																						MAXIMUM TEMP ≤ 32: 0										MINIMUM TEMP ≤ 0: 0		PRECIPITATION ≥ 0.10 INCH: 5																					
																						THUNDERSTORMS: 16										HEAVY FOG: 0		SNOWFALL ≥ 1.0 INCH: 0																					

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

AUGUST 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	T												01												01	T	0.02		
02													02												02		0.00		
03													03												03		0.00		
04													04												04		0.00		
05													05												05		0.00		
06													06	T	T										06		T		
07													07				T	0.25	0.01	0.09	0.03	T			07		0.00		
08													08												08		0.38		
09													09	0.12	0.01	T									09		0.13		
10													10			T									10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13													13												13		0.00		
14													14		0.01	T	T								14		0.01		
15													15	T	T										15		T		
16													16		T	0.02	T	T							16		0.02		
17													17						T						17		T		
18													18		T	T	T								18		T		
19													19	T	T	T		0.06	0.03						19		0.09		
20													20												20		0.00		
21													21	T											21		T		
22													22						T	0.20	T				22		0.20		
23													23												23		0.00		
24													24												24		0.00		
25													25		T	0.05	T								25		0.05		
26													26												26		0.00		
27	0.09	0.08	T										27												27		0.08		
28													28				T								28		0.17		
29													29			0.37		T							29		0.37		
30													30												30		0.00		
31													31												31		0.00		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.17	.28	.33	.35	.37	.37	.37	.37	.37	.37	.37	.37
Ending Date	29	29	29	29	29	29	29	29	29	29	29	29
Ending Time (Hour/Min)	1421	1426	1431	1434	1437	1437	1437	1437	1437	1437	1437	1437

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 AUGUST 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							5.00	10.00	
02							6.00	10.00	
03							6.00	10.00	
04							8.00	10.00	
05							9.00	10.00	
06							7.00	10.00	
07							6.00	10.00	
08							2.50	10.00	
09							3.00	10.00	
10							9.00	10.00	
11							9.00	10.00	
12							10.00	10.00	
13							8.00	10.00	
14							8.00	10.00	
15							5.00	10.00	
16							8.00	10.00	
17							8.00	10.00	
18							10.00	10.00	
19							7.00	10.00	
20							8.00	10.00	
21							10.00	10.00	
22							7.00	10.00	
23							8.00	10.00	
24							10.00	10.00	
25							8.00	10.00	
26							6.00	10.00	
27							5.00	10.00	
28							7.00	10.00	
29							6.00	10.00	
30							9.00	10.00	
31							5.00	10.00	
MONTHLY AVGS							7.21	10.00	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING 31									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0 0 2 20									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

AUGUST 2005

IAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
			OBSERVATION TIME (LST)	EFF CLD AMT Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL				OBSERVATION TIME (LST)	EFF CLD AMT Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0541 AUG 01							SUNSET: 1915							SUNRISE: 0544 AUG 07							SUNSET: 1910								
03	BKN	250			7.00		77	75	76	94	0	00	29.86	29.98	03	BKN	250			7.00		78	73	75	85	3	25	29.89	30.00
06	SCT	NC			5.00	BR	75	73	74	94	0	00	29.89	30.01	06	BKN	250			6.00	BR	76	72	73	88	0	00	29.91	30.02
09	SCT	NC			8.00		84	76	78	77	7	06	29.92	30.03	09	SCT	NC			10.00		86	74	78	67	6	27	29.94	30.06
12	BKN	250			8.00		90	75	79	62	6	11	29.91	30.02	12	SCT	NC			10.00		92	69	76	47	5	10	29.93	30.05
15	BKN	250			10.00		94	72	78	49	9	11	29.83	29.95	15	SCT	NC			10.00		95	67	76	40	7	VR	29.84	29.95
18	BKN	250			9.00		86	70	75	59	18	08	29.85	29.97	18	BKN	250			9.00		91	69	76	49	7	18	29.83	29.94
21	FEW	NC			10.00		78	71	73	79	0	00	29.86	29.98	21	BKN	130			9.00		79	69	72	72	9	06	29.89	30.01
24	SCT	NC			10.00		77	72	74	85	0	00	29.87	29.98	24	BKN	250			8.00		77	70	72	79	5	11	29.89	30.00
SUNRISE: 0541 AUG 02							SUNSET: 1914							SUNRISE: 0545 AUG 08							SUNSET: 1910								
03	BKN	250			8.00		76	73	74	91	0	00	29.86	29.98	03	BKN	250			7.00		76	71	73	85	0	00	29.87	29.99
06	SCT	NC			6.00	BR	75	72	73	90	3	34	29.89	30.00	06	BKN	250			6.00	BR	74	71	72	91	3	36	29.90	30.01
09	SCT	NC			8.00		86	74	78	67	5	29	29.91	30.03	09	OVC	250			8.00		83	73	76	72	3	27	29.92	30.04
12	BKN	038			8.00		90	72	77	56	3	02	29.88	29.99	12	BKN	250			10.00		91	70	76	50	5	26	29.90	30.01
15	BKN	250			10.00		94	65	74	38	7	06	29.82	29.93	15	BKN	100			10.00		87	72	77	61	12	05	29.83	29.95
18	BKN	250			9.00		88	72	77	59	12	04	29.80	29.92	18	OVC	035			6.00	-TSRA BR	75	72	73	90	0	00	29.89	30.01
21	SCT	NC			9.00		81	75	77	82	7	11	29.83	29.94	21	OVC	250			10.00		75	72	73	90	5	04	29.88	30.00
24	SCT	NC			10.00		81	73	75	77	3	18	29.84	29.96	24	BKN	250			5.00	BR	75	74	74	96	0	00	29.88	29.99
SUNRISE: 0542 AUG 03							SUNSET: 1914							SUNRISE: 0545 AUG 09							SUNSET: 1909								
03	SCT	NC			8.00		78	74	75	87	0	00	29.83	29.94	03	BKN	130			7.00		75	73	74	94	3	11	29.88	29.99
06	SCT	NC			6.00	BR	77	74	75	90	0	00	29.85	29.96	06	BKN	130			5.00	BR	75	72	73	90	5	06	29.89	30.01
09	BKN	050			10.00		83	74	77	74	7	VR	29.88	30.00	09	BKN	250			8.00		83	76	78	79	5	15	29.92	30.04
12	BKN	250			10.00		89	70	76	53	5	VR	29.85	29.97	12	BKN	250			10.00	TS	80	74	76	82	7	11	29.90	30.02
15	BKN	250			10.00		93	70	77	47	3	VR	29.79	29.91	15	OVC	130			10.00		77	73	74	88	7	04	29.90	30.01
18	OVC	250			10.00		89	69	75	52	15	11	29.79	29.90	18	BKN	130			10.00		78	72	74	82	9	06	29.85	29.97
21	BKN	130			10.00		85	73	77	68	6	25	29.84	29.95	21	BKN	250			10.00		74	71	72	91	7	11	29.87	29.99
24	BKN	250			10.00		77	71	73	82	5	09	29.86	29.98	24	BKN	250			10.00		74	71	72	91	7	13	29.89	30.01
SUNRISE: 0542 AUG 04							SUNSET: 1913							SUNRISE: 0546 AUG 10							SUNSET: 1908								
03	SCT	NC			10.00		75	72	73	90	0	00	29.85	29.97	03	BKN	250			9.00		74	72	73	94	5	17	29.86	29.98
06	SCT	NC			10.00		74	70	71	88	5	01	29.90	30.01	06	BKN	130			9.00		73	72	72	96	3	15	29.90	30.01
09	SCT	NC			10.00		87	74	78	65	3	23	29.93	30.04	09	BKN	250			10.00		83	75	77	77	3	VR	29.91	30.03
12	BKN	250			10.00		89	69	75	52	7	08	29.92	30.03	12	BKN	250			10.00		90	70	76	52	7	17	29.90	30.01
15	BKN	250			10.00		93	68	76	44	6	VR	29.85	29.97	15	BKN	250			10.00		93	69	76	46	9	17	29.85	29.96
18	BKN	250			10.00		89	72	77	57	9	17	29.84	29.95	18	BKN	250			10.00		90	67	74	47	6	17	29.83	29.94
21	SCT	NC			10.00		83	72	75	70	5	18	29.87	29.99	21	BKN	250			10.00		83	72	75	70	7	18	29.88	30.00
24	OVC	022			8.00	TS	81	74	76	79	8	34	29.94	30.05	24	BKN	250			10.00		77	73	74	88	3	16	29.88	29.99
SUNRISE: 0543 AUG 05							SUNSET: 1912							SUNRISE: 0547 AUG 11							SUNSET: 1907								
03	OVC	130			10.00		76	71	73	85	7	31	29.93	30.04	03	BKN	250			10.00		78	74	75	87	5	18	29.87	29.98
06	BKN	130			10.00		75	70	72	84	3	04	29.97	30.09	06	BKN	250			9.00		75	73	74	94	0	00	29.92	30.03
09	BKN	130			10.00		80	71	74	74	5	08	29.98	30.10	09	BKN	250			10.00		85	75	78	72	5	17	29.93	30.05
12	BKN	130			10.00		86	72	76	63	9	02	29.98	30.10	12	BKN	250			10.00		90	72	77	56	6	16	29.91	30.03
15	BKN	250			10.00		91	69	76	49	5	27	29.91	30.02	15	BKN	130			10.00		93	73	79	52	8	17	29.86	29.98
18	BKN	250			10.00		88	68	74	52	7	24	29.89	30.00	18	BKN	250			10.00		90	72	77	56	13	17	29.83	29.95
21	BKN	250			10.00		81	69	73	67	5	28	29.92	30.03	21	SCT	NC			10.00		83	73	76	72	5	19	29.86	29.98
24	BKN	250			10.00		77	71	73	82	5	23	29.93	30.05	24	SCT	NC			10.00		80	74	76	82	5	16	29.87	29.99
SUNRISE: 0544 AUG 06							SUNSET: 1911							SUNRISE: 0547 AUG 12							SUNSET: 1906								
03	FEW	NC			10.00		76	71	73	85	3	23	29.91	30.02	03	SCT	NC			10.00		76	73	74	91	0	00	29.87	29.99
06	SCT	NC			7.00		75	71	72	88	0	00	29.94	30.06	06	SCT	NC			10.00		76	73	74	91	0	00	29.88	30.00
09	SCT	NC			10.00		86	71	76	61	8	33	29.96	30.08	09	SCT	NC			10.00		85	76	79	75	12	17	29.91	30.03
12	SCT	NC			10.00		90	69	76	50	6	22	29.94	30.06	12	BKN	050			10.00		91	73	78	56	7	18	29.89	30.00
15	SCT	NC			10.00		94	66	75	40	5	VR	29.87	29.98	15	SCT	NC			10.00		93	75	80	56	14	11	29.83	29.94
18	BKN	250			10.00		91	66	74	44	7	12	29.83	29.94	18	SCT	NC			10.00		88	75	79	66	15	13	29.79	29.91
21	BKN	250			10.00		82	70	74	67	3	17	29.88	30.00	21	BKN	250			10.00		83	72	75	70	8	16	29.81	29.93
24	BKN	250			7.00		78	72	74	82	0	00	29.89	30.01	24	BKN	250			10.00		80	73	75	79	5	18	29.85	29.97

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

AUGUST 2005

IAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATellite		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATellite		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
			OBSERVATION TIME (LST)	EFF CLD AMT Oktas			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			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0548 AUG 13 SUNSET: 1905							SUNRISE: 0551 AUG 19 SUNSET: 1859																						
03	SCT	NC			9.00		76	73	74	91	3	17	29.83	29.94	03	SCT	NC			10.00		76	74	75	94	0	00	29.84	29.96
06	SCT	NC			8.00		75	73	74	94	0	00	29.84	29.95	06	SCT	NC			7.00		76	74	75	94	0	00	29.88	30.00
09	SCT	NC			10.00		86	73	77	65	8	21	29.86	29.98	09	SCT	NC			10.00		86	76	79	72	7	16	29.91	30.03
12	BKN	250			10.00		90	71	77	54	8	17	29.86	29.97	12	SCT	NC			10.00		91	75	80	59	8	16	29.91	30.02
15	BKN	250			10.00		92	70	77	49	8	19	29.78	29.90	15	SCT	NC			10.00		92	72	78	52	7	17	29.86	29.98
18	BKN	250			10.00		90	72	77	56	10	18	29.75	29.87	18	BKN	250			10.00		81	78	79	91	3	22	29.85	29.97
21	BKN	250			10.00		84	75	78	74	8	17	29.80	29.92	21	SCT	NC			10.00		81	76	77	85	7	16	29.88	29.99
24	FEW	NC			10.00		80	75	77	85	3	18	29.83	29.94	24	FEW	NC			10.00		80	76	77	87	3	19	29.91	30.02
SUNRISE: 0548 AUG 14 SUNSET: 1904							SUNRISE: 0552 AUG 20 SUNSET: 1858																						
03	SCT	NC			10.00		78	75	76	90	5	17	29.82	29.93	03	SCT	NC			9.00		77	76	76	96	0	00	29.92	30.03
06	SCT	NC			8.00		78	75	76	90	3	15	29.82	29.94	06	SCT	NC			8.00		77	75	76	94	0	00	29.96	30.08
09	BKN	250			10.00		85	77	79	77	7	16	29.85	29.97	09	SCT	NC			10.00		87	77	80	72	7	15	29.99	30.11
12	BKN	250			10.00	TS	84	73	76	70	7	21	29.85	29.97	12	SCT	NC			10.00		91	75	80	59	7	15	29.97	30.08
15	OVC	250			10.00	-RA	81	74	76	79	0	00	29.85	29.97	15	FEW	NC			10.00		95	68	76	41	6	23	29.92	30.03
18	OVC	120			10.00		82	75	77	79	5	13	29.84	29.96	18	SCT	NC			10.00		90	74	79	59	12	12	29.89	30.00
21	BKN	250			10.00		80	76	77	87	8	09	29.88	29.99	21	FEW	NC			10.00		84	73	76	70	5	17	29.93	30.04
24	OVC	130			10.00		79	76	77	90	12	09	29.88	29.99	24	FEW	NC			10.00		80	74	76	82	3	20	29.96	30.07
SUNRISE: 0549 AUG 15 SUNSET: 1903							SUNRISE: 0552 AUG 21 SUNSET: 1857																						
03	BKN	130			9.00		77	75	76	94	3	11	29.89	30.01	03	FEW	NC			10.00		76	74	75	94	0	00	29.95	30.06
06	BKN	250			5.00	BR	76	74	75	94	0	00	29.91	30.03	06	FEW	NC			10.00		74	72	73	94	0	00	29.94	30.06
09	BKN	250			10.00		83	77	79	82	3	VR	29.98	30.09	09	FEW	NC			10.00		85	75	78	72	7	21	29.97	30.09
12	BKN	250			10.00		90	74	79	59	9	21	29.95	30.06	12	SCT	NC			10.00		93	69	76	46	8	07	29.95	30.07
15	OVC	130			10.00	TS	76	71	73	85	15	15	29.95	30.07	15	SCT	NC			10.00		96	63	74	34	8	16	29.88	29.99
18	OVC	110			10.00		79	74	75	85	9	10	29.93	30.05	18	SCT	NC			10.00		92	67	75	44	12	10	29.83	29.95
21	OVC	250			10.00		78	73	75	85	6	02	29.96	30.07	21	FEW	NC			10.00		87	73	77	63	7	17	29.87	29.99
24	BKN	250			10.00		76	74	75	94	6	13	29.95	30.07	24	SCT	NC			10.00		82	73	76	74	6	17	29.89	30.00
SUNRISE: 0549 AUG 16 SUNSET: 1902							SUNRISE: 0553 AUG 22 SUNSET: 1856																						
03	BKN	250			9.00		75	73	74	94	6	12	29.94	30.05	03	SCT	NC			10.00		80	74	76	82	0	00	29.83	29.95
06	BKN	250			8.00		76	74	75	94	3	04	29.95	30.07	06	BKN	250			10.00		78	74	75	87	8	06	29.86	29.98
09	SCT	NC			10.00		85	76	79	75	0	00	29.99	30.11	09	BKN	250			10.00		87	74	78	65	9	28	29.85	29.97
12	BKN	130			10.00		89	72	77	57	0	00	29.97	30.09	12	BKN	250			10.00		93	71	78	49	0	00	29.83	29.95
15	OVC	130			10.00	-RA	77	72	74	85	5	10	29.94	30.06	15	BKN	055			10.00		94	71	78	48	6	20	29.75	29.87
18	OVC	250			10.00		80	73	75	79	6	04	29.92	30.04	18	BKN	250			10.00		89	74	78	61	0	00	29.75	29.86
21	BKN	250			10.00		76	74	75	94	3	11	29.93	30.05	21	BKN	250			10.00		79	76	77	90	5	12	29.76	29.87
24	SCT	NC			10.00		76	74	75	94	5	11	29.91	30.03	24	SCT	NC			8.00		78	75	76	90	0	00	29.77	29.88
SUNRISE: 0550 AUG 17 SUNSET: 1901							SUNRISE: 0554 AUG 23 SUNSET: 1855																						
03	FEW	NC			10.00		75	73	74	94	0	00	29.88	30.00	03	SCT	NC			8.00		79	76	77	90	0	00	29.76	29.87
06	BKN	250			8.00		74	73	73	97	0	00	29.90	30.02	06	SCT	NC			9.00		77	75	76	94	0	00	29.78	29.90
09	BKN	250			10.00		85	77	79	77	5	VR	29.91	30.02	09	SCT	NC			10.00		86	76	79	72	0	00	29.80	29.91
12	BKN	040			10.00		92	73	78	54	6	25	29.87	29.99	12	SCT	NC			10.00		91	74	79	57	5	15	29.78	29.89
15	BKN	250			10.00		85	73	77	68	12	14	29.82	29.94	15	SCT	NC			10.00		94	73	79	51	8	14	29.73	29.84
18	BKN	250			10.00		86	75	78	70	6	08	29.80	29.91	18	SCT	NC			10.00		91	74	79	57	8	17	29.71	29.83
21	BKN	250			10.00		83	74	77	74	6	18	29.83	29.94	21	FEW	NC			10.00		85	74	77	70	6	18	29.71	29.83
24	SCT	NC			10.00		81	75	77	82	0	00	29.84	29.95	24	SCT	NC			10.00		82	75	77	79	0	00	29.77	29.88
SUNRISE: 0551 AUG 18 SUNSET: 1900							SUNRISE: 0554 AUG 24 SUNSET: 1854																						
03	FEW	NC			10.00		76	74	75	94	3	20	29.82	29.93	03	SCT	NC			10.00		79	74	75	85	3	20	29.75	29.87
06	SCT	NC			10.00		77	74	75	90	0	00	29.84	29.95	06	FEW	NC			10.00		76	74	75	94	0	00	29.80	29.91
09	SCT	NC			10.00		87	76	79	70	7	VR	29.86	29.97	09	SCT	NC			10.00		86	75	78	70	6	26	29.83	29.94
12	BKN	048			10.00		92	70	77	49	8	17	29.85	29.96	12	BKN	250			10.00		91	73	78	56	7	11	29.82	29.93
15	BKN	050			10.00		77	73	74	88	9	12	29.82	29.93	15	BKN	250			10.00		95	73	79	49	12	11	29.77	29.88
18	BKN	250			10.00	TSRA	83	75	77	77	6	13	29.79	29.91	18	SCT	NC			10.00		92	73	78	54	9	16	29.78	29.90
21	SCT	NC			10.00		79	74	75	85	5	17	29.82	29.93	21	FEW	NC			10.00		83	75	77	77	7	13	29.82	29.94
24	FEW	NC			10.00		77	74	75	90	0	00	29.85	29.96	24	SCT	NC			10.00		79	74	75	85	0	00	29.84	29.96

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

AUGUST 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	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	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0555												SUNSET: 1853															
<p>AUG 25</p> <p>03 BKN 250 10.00 78 75 76 90 0 00 29.84 29.96</p> <p>06 SCT NC 10.00 78 75 76 90 3 01 29.87 29.98</p> <p>09 BKN 055 10.00 84 76 78 77 5 VR 29.91 30.02</p> <p>12 BKN 250 10.00 81 77 78 88 0 00 29.90 30.02</p> <p>15 BKN 250 10.00 88 77 80 70 3 16 29.85 29.97</p> <p>18 BKN 250 10.00 84 77 79 80 6 12 29.83 29.95</p> <p>21 BKN 250 10.00 80 76 77 87 0 00 29.84 29.96</p> <p>24 BKN 250 8.00 78 76 77 93 0 00 29.84 29.96</p>																											
SUNRISE: 0555												SUNSET: 1852															
<p>AUG 26</p> <p>03 SCT NC 8.00 77 76 76 96 3 34 29.82 29.94</p> <p>06 SCT NC 6.00 BR 76 75 75 97 0 00 29.85 29.97</p> <p>09 BKN 250 10.00 87 77 80 72 5 VR 29.86 29.97</p> <p>12 BKN 250 10.00 90 74 79 59 0 00 29.82 29.94</p> <p>15 BKN 250 10.00 92 71 77 51 7 13 29.75 29.86</p> <p>18 BKN 250 10.00 88 76 79 68 8 12 29.71 29.83</p> <p>21 SCT NC 10.00 83 76 78 79 5 16 29.72 29.84</p> <p>24 SCT NC 9.00 80 76 77 87 0 00 29.73 29.84</p>																											
SUNRISE: 0556												SUNSET: 1850															
<p>AUG 27</p> <p>03 FEW NC 8.00 79 76 77 90 0 00 29.71 29.83</p> <p>06 CLR NC 6.00 BR 78 76 77 93 0 00 29.72 29.83</p> <p>09 CLR NC 10.00 88 76 79 68 5 03 29.76 29.87</p> <p>12 SCT NC 10.00 94 74 80 52 6 VR 29.72 29.83</p> <p>15 SCT NC 10.00 98 72 79 43 5 VR 29.63 29.75</p> <p>18 BKN 250 10.00 94 73 79 51 7 13 29.60 29.72</p> <p>21 SCT NC 9.00 87 75 78 67 5 17 29.64 29.76</p> <p>24 OVC 038 7.00 -TSRA 76 74 75 94 6 VR 29.70 29.82</p>																											
SUNRISE: 0556												SUNSET: 1849															
<p>AUG 28</p> <p>03 OVC 130 8.00 76 74 75 94 0 00 29.58 29.70</p> <p>06 SCT NC 7.00 75 73 74 94 9 01 29.63 29.74</p> <p>09 SCT NC 10.00 81 73 75 77 6 VR 29.67 29.78</p> <p>12 SCT NC 10.00 91 76 80 61 12 34 29.64 29.75</p> <p>15 BKN 100 10.00 88 74 78 63 9 04 29.58 29.70</p> <p>18 SCT NC 10.00 90 72 77 56 13 36 29.53 29.64</p> <p>21 SCT NC 10.00 84 72 76 67 6 36 29.55 29.66</p> <p>24 SCT NC 9.00 81 73 75 77 9 34 29.54 29.65</p>																											
SUNRISE: 0557												SUNSET: 1848															
<p>AUG 29</p> <p>03 BKN 250 9.00 79 72 74 79 8 34 29.51 29.63</p> <p>06 FEW NC 8.00 78 72 74 82 6 32 29.51 29.63</p> <p>09 SCT NC 8.00 85 74 77 70 12 32 29.51 29.62</p> <p>12 SCT NC 10.00 93 73 79 52 13 30 29.49 29.60</p> <p>15 OVC 019 10.00 TS 77 73 74 88 3 15 29.48 29.59</p> <p>18 BKN 130 10.00 84 72 76 67 10 36 29.48 29.60</p> <p>21 BKN 130 10.00 80 72 75 76 7 03 29.55 29.67</p> <p>24 SCT NC 10.00 78 72 74 82 3 26 29.57 29.68</p>																											
SUNRISE: 0557												SUNSET: 1847															
<p>AUG 30</p> <p>03 BKN 250 10.00 76 72 73 88 0 00 29.59 29.71</p> <p>06 SCT NC 10.00 75 71 72 88 0 00 29.63 29.75</p> <p>09 CLR NC 10.00 83 70 74 65 5 33 29.68 29.79</p> <p>12 SCT NC 10.00 91 68 75 47 0 00 29.67 29.78</p> <p>15 SCT NC 10.00 92 66 74 43 3 33 29.62 29.74</p> <p>18 SCT NC 10.00 90 71 77 54 6 14 29.62 29.73</p> <p>21 FEW NC 10.00 83 73 76 72 6 20 29.66 29.78</p> <p>24 BKN 250 9.00 81 75 77 82 5 19 29.69 29.80</p>																											

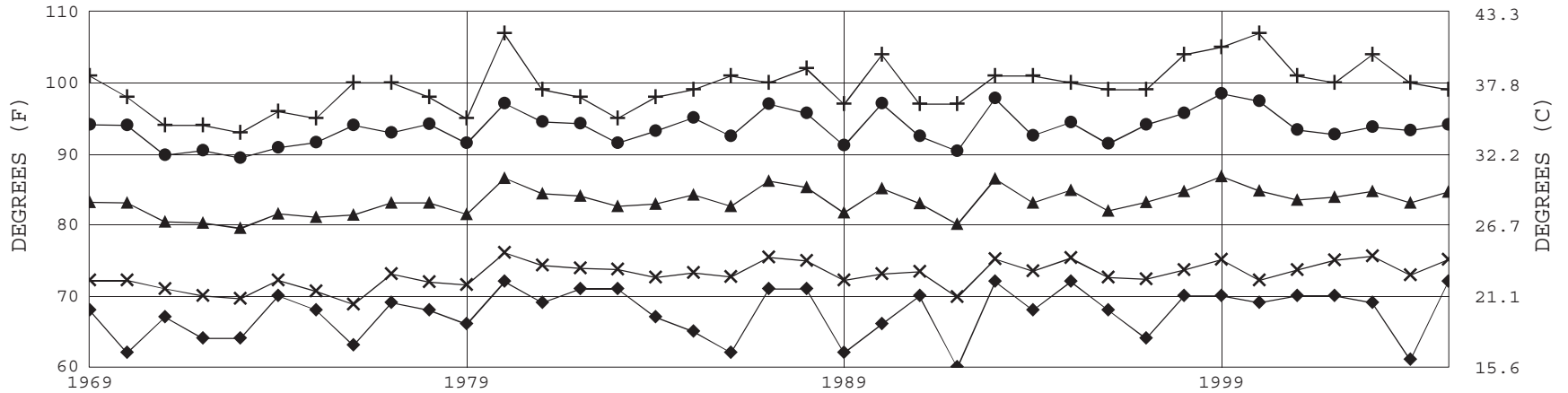
3-HOURLY OBSERVATION NOTES

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.

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)	DIRECTION	SPEED	DIRECTION
							STATION	SEA LEVEL					
01			78	74	75	87	29.83	29.95	9.16	3	1	17	
02			77	74	75	89	29.82	29.94	9.16	3	0	0	
03			77	74	75	90	29.82	29.94	8.94	2	1	19	
04			76	73	74	91	29.82	29.94	8.90	2	0	0	
05			76	73	74	91	29.83	29.95	8.77	2	1	2	
06			76	73	74	92	29.85	29.96	7.87	2	1	3	
07			78	74	76	88	29.86	29.97	8.42	2	1	2	
08			82	75	77	79	29.87	29.98	9.39	5	1	3	
09			85	75	78	72	29.87	29.99	9.68	4	1	24	
10			87	74	78	65	29.88	29.99	9.84	5	1	21	
11			89	73	78	60	29.87	29.98	9.81	5	3	17	
12			90	72	77	56	29.86	29.97	9.87	5	2	16	
13			91	72	77	55	29.84	29.95	9.71	7	3	12	
14			91	71	77	54	29.82	29.93	10.00	6	3	14	
15			90	71	76	56	29.80	29.92	10.00	6	4	13	
16			89	71	77	58	29.79	29.91	9.68	8	5	15	
17			88	72	77	60	29.79	29.90	9.60	9	6	14	
18			87	72	77	63	29.78	29.90	9.77	8	5	12	
19			84	73	76	70	29.79	29.91	9.55	7	5	13	
20			82	73	76	75	29.80	29.92	9.84	7	4	13	
21			81	73	76	77	29.82	29.93	9.90	5	3	15	
22			80	73	76	79	29.83	29.94	9.58	5	2	14	
23			79	74	75	83	29.83	29.95	9.45	4	2	14	
24			79	74	75	85	29.83	29.95	9.26	3	1	15	

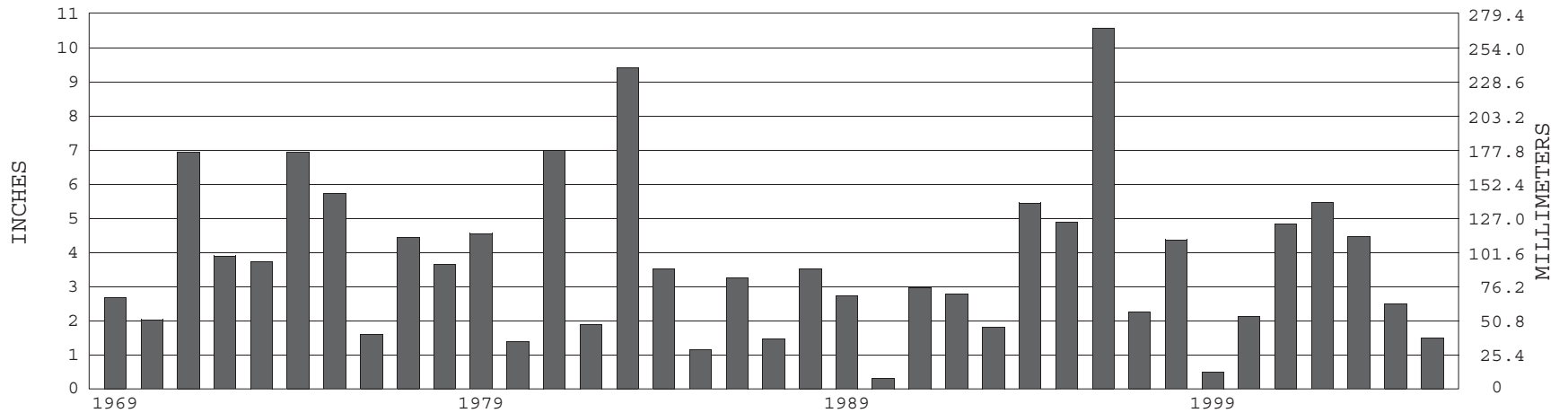
HOUSTON, TX AUGUST TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1969-2005) Mean: 83.3 1971-2000 Normal: 83.3

HOUSTON, TX AUGUST PRECIPITATION



Long-Term (1969-2005) Mean Monthly Total: 3.74

1971-2000 Normal: 3.83



AUGUST 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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NOAA
PERMIT G-19