



JUNE 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																										
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	68	78*	-1	66	70	0	13	RA BR	0		0.0	0.05	29.66	29.77	2.4	34	6.2	30	14	28	14	01																								
02	93	68*	81	1	68	72	0	16		0		0.0	0.00	29.66	29.78	3.3	15	4.1	18	13	15	12	02																								
03	90	73	82	2	72	74	0	17		0		0.0	0.00	29.63	29.74	9.1	15	9.8	23	10	20	10	03																								
04	91	76	84	4	72	75	0	19		0		0.0	0.00	29.67	29.78	11.7	16	11.9	26	15	22	15	04																								
05	92	75	84	4	73	76	0	19		0		0.0	0.00	29.75	29.87	8.0	13	8.7	21	10	18	12	05																								
06	92	75	84	4	74	77	0	19	RA BR	0		0.0	T	29.77	29.88	7.1	16	7.6	23	14	20	14	06																								
07	92	77	85	5	73	77	0	20		0		0.0	0.00	29.73	29.84	9.4	17	9.6	22	16	18	16	07																								
08	92	78	85	5	72	76	0	20		0		0.0	0.00	29.73	29.84	9.6	16	9.8	25	15	21	14	08																								
09	92	75	84	4	72	76	0	19		0		0.0	0.00	29.73	29.84	9.6	15	10.1	25	14	23	14	09																								
10	91	73	82	1	72	75	0	17		0		0.0	0.00	29.69	29.80	8.9	13	9.3	24	12	21	12	10																								
11	93	74	84	3	72	75	0	19		0		0.0	0.00	29.64	29.75	4.9	12	6.2	16	13	14	13	11																								
12	93	72	83	2	71	74	0	18		0		0.0	0.00	29.68	29.79	7.4	15	8.3	23	12	20	14	12																								
13	92	73	83	2	72	76	0	18		0		0.0	0.00	29.72	29.83	8.2	15	9.1	21	14	17	15	13																								
14	96	75	86	5	71	75	0	21	TS RA VCTS	0		0.0	T	29.80	29.91	2.1	18	5.4	21	31	17	14	14																								
15	95	72	84	3	71	75	0	19		0		0.0	0.00	29.82	29.93	2.0	23	4.8	18	05	16	05	15																								
16	97	75	86	5	71	76	0	21		0		0.0	0.00	29.76	29.87	4.1	21	5.3	16	13	13	17	16																								
17	96	74	85	3	71	75	0	20		0		0.0	0.00	29.68	29.79	4.8	19	5.6	18	24	14	24	17																								
18	96	74	85	3	71	75	0	20	TS RA HZ	0		0.0	0.03	29.73	29.84	2.9	13	6.4	35*	12	31*	12	18																								
19	94	73	84	2	69	73	0	19		0		0.0	0.00	29.84	29.95	6.2	08	7.9	18	12	13	13	19																								
20	94	71	83	1	61	69	0	18		0		0.0	0.00	29.91	30.02	6.2	06	7.7	21	04	16	03	20																								
21	94	70	82	0	62	70	0	17		0		0.0	0.00	29.95	30.06	2.2	09	4.8	16	09	14	10	21																								
22	95	69	82	0	65	71	0	17	BR HZ	0		0.0	0.00	29.95	30.06	3.5	12	5.7	22	08	16	14	22																								
23	94	73	84	2	67	72	0	19	HZ	0		0.0	0.00	29.91	30.02	4.2	13	6.0	26	15	23	13	23																								
24	94	72	83	1	68	72	0	18	RA BR	0		0.0	T	29.87	29.98	4.5	13	6.3	28	12	25	12	24																								
25	94	71	83	1	69	73	0	18	BR HZ	0		0.0	0.00	29.85	29.97	6.4	12	7.7	21	08	17	13	25																								
26	94	73	84	2	68	73	0	19	BR HZ	0		0.0	0.00	29.87	29.98	4.7	12	6.4	25	13	22	11	26																								
27	92	73	83	0	69	73	0	18	RA BR HZ	0		0.0	T	29.89	30.00	4.9	13	6.4	24	12	21	12	27																								
28	96	72	84	1	69	74	0	19	BR HZ	0		0.0	0.00	29.86	29.97	4.7	13	6.6	23	10	17	13	28																								
29	97	73	85	2	71	75	0	20		0		0.0	0.00	29.82	29.93	5.2	13	6.0	22	13	18	11	29																								
30	98*	74	86*	3	74	77	0	21		0		0.0	0.00	29.80	29.91	5.3	17	6.7	24	11	17	13	30																								
< MONTHLY AVERAGES										TOTALS-->				0.0	0.08	29.78	29.89	0.4	07	7.2	<-- MONTHLY AVERAGES																										
2.8										1.2				2.0				<-----DEPARTURE FROM NORMAL----->										-5.27				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3															
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.05 DATE :01										SEA LEVEL PRESSURE										DATE		TIME															
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE :										MAXIMUM MINIMUM										: 30.12		22 0853					
HEATING: 0										0										1153										-372		NUMBER OF DAYS WITH										MAXIMUM TEMP ≥ 90: 29		MINIMUM TEMP ≤ 32: 0		PRECIPITATION ≥ 0.01 INCH : 2	
COOLING: 558										73										1130										71		MAXIMUM TEMP ≤ 32 : 0										MINIMUM TEMP ≤ 0 : 0		PRECIPITATION ≥ 0.10 INCH : 0			
																																		THUNDERSTORMS : 2										HEAVY FOG : 0		SNOWFALL ≥ 1.0 INCH : 0	

JUNE 2005 HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

JUNE 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							0.04	0.01					01												01		0.05		
02													02												02		0.00		
03													03												03		0.00		
04													04												04		0.00		
05													05												05		0.00		
06													06												06		T		
07							T						07												07		0.00		
08													08												08		0.00		
09													09												09		0.00		
10													10												10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13													13												13		0.00		
14													14												14		T		
15													15												15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18												18		0.03		
19													19												19		0.00		
20													20						0.03						20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		T		
25													25												25		0.00		
26													26												26		0.00		
27													27												27		T		
28													28												28		0.00		
29													29												29		0.00		
30													30												30		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)												
Ending Date												
Ending Time (Hour/Min)												

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 JUNE 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							6.00	10.00	
02							8.00	10.00	
03							7.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							4.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							9.00	10.00	
11							7.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							9.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							6.00	10.00	
19							9.00	10.00	
20							10.00	10.00	
21							9.00	10.00	
22							6.00	10.00	
23							6.00	10.00	
24							5.00	10.00	
25							3.00	10.00	
26							5.00	10.00	
27							5.00	10.00	
28							4.00	10.00	
29							9.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							7.90	10.00	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
30									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
0 1 20									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JUNE 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
SUNRISE: 0521				JUN 01				SUNSET: 1918				SUNRISE: 0520				JUN 07				SUNSET: 1921					
03	BKN	250		10.00	73	69	70	87	6	35	29.63	29.75	03	OVC	027		10.00	78	75	76	90	3	16	29.74	29.85
06	OVC	130		10.00	70	63	66	79	8	33	29.69	29.81	06	SCT	NC		10.00	80	75	77	85	9	18	29.73	29.85
09	OVC	130		10.00	71	65	67	81	5	28	29.68	29.80	09	BKN	021		10.00	84	73	76	70	12	16	29.76	29.88
12	BKN	250		10.00	79	65	70	62	6	VR	29.69	29.80	12	SCT	NC		10.00	89	72	77	57	12	19	29.75	29.86
15	SCT	NC		10.00	85	64	71	50	5	VR	29.65	29.76	15	BKN	045		10.00	91	70	76	50	13	16	29.70	29.81
18	SCT	NC		10.00	85	65	72	51	10	02	29.62	29.74	18	SCT	NC		10.00	88	71	76	57	10	17	29.68	29.79
21	SCT	NC		10.00	75	68	70	79	3	32	29.66	29.78	21	SCT	NC		10.00	82	74	76	77	8	17	29.72	29.84
24	FEW	NC		10.00	72	68	69	87	0	00	29.68	29.80	24	SCT	NC		10.00	80	74	76	82	8	16	29.76	29.88
SUNRISE: 0521				JUN 02				SUNSET: 1918				SUNRISE: 0520				JUN 08				SUNSET: 1921					
03	FEW	NC		10.00	70	68	69	93	0	00	29.67	29.79	03	SCT	NC		10.00	79	74	75	85	8	17	29.72	29.84
06	FEW	NC		10.00	69	67	68	93	0	00	29.68	29.80	06	SCT	NC		10.00	79	74	75	85	5	17	29.74	29.85
09	SCT	NC		10.00	82	70	74	67	6	17	29.72	29.84	09	BKN	024		10.00	83	73	76	72	9	18	29.76	29.87
12	SCT	NC		10.00	88	66	73	48	0	00	29.69	29.81	12	BKN	040		10.00	91	70	76	50	10	18	29.75	29.87
15	SCT	NC		10.00	92	64	73	40	3	VR	29.62	29.73	15	SCT	NC		10.00	91	70	76	50	15	16	29.71	29.82
18	SCT	NC		10.00	89	69	75	52	9	12	29.60	29.72	18	FEW	NC		10.00	87	70	75	57	14	16	29.68	29.80
21	SCT	NC		10.00	81	71	74	72	8	17	29.65	29.76	21	SCT	NC		10.00	81	72	75	74	10	16	29.72	29.83
24	SCT	NC		10.00	76	70	72	82	5	16	29.65	29.76	24	FEW	NC		10.00	79	73	75	82	7	16	29.74	29.85
SUNRISE: 0521				JUN 03				SUNSET: 1919				SUNRISE: 0520				JUN 09				SUNSET: 1921					
03	BKN	250		7.00	74	71	72	91	6	16	29.60	29.72	03	FEW	NC		10.00	79	74	75	85	5	18	29.72	29.83
06	BKN	250		8.00	74	71	72	91	3	19	29.62	29.73	06	SCT	NC		10.00	78	74	75	87	3	18	29.74	29.86
09	BKN	017		10.00	81	72	75	74	14	17	29.65	29.76	09	SCT	NC		10.00	85	72	76	65	13	16	29.76	29.88
12	BKN	250		10.00	88	70	76	55	13	16	29.64	29.76	12	BKN	040		10.00	88	72	77	59	13	14	29.76	29.87
15	BKN	130		10.00	88	70	76	55	12	15	29.63	29.74	15	SCT	NC		10.00	90	73	78	58	15	12	29.71	29.83
18	SCT	NC		10.00	85	72	76	65	14	13	29.59	29.71	18	SCT	NC		10.00	87	69	75	55	12	16	29.69	29.80
21	SCT	NC		10.00	79	72	74	79	9	16	29.61	29.72	21	SCT	NC		10.00	80	71	74	74	9	16	29.71	29.82
24	SCT	NC		10.00	77	73	74	88	8	15	29.65	29.76	24	SCT	NC		10.00	79	73	75	82	7	16	29.72	29.84
SUNRISE: 0520				JUN 04				SUNSET: 1919				SUNRISE: 0520				JUN 10				SUNSET: 1922					
03	BKN	250		10.00	76	73	74	91	10	14	29.62	29.74	03	FEW	NC		10.00	76	72	73	88	6	15	29.69	29.80
06	SCT	NC		10.00	77	73	74	88	9	16	29.64	29.76	06	SCT	NC		10.00	74	72	73	94	8	12	29.70	29.81
09	SCT	NC		10.00	84	72	76	67	14	17	29.69	29.80	09	SCT	NC		10.00	84	70	74	63	10	15	29.72	29.84
12	SCT	NC		10.00	88	71	76	57	15	18	29.69	29.80	12	BKN	043		10.00	87	72	77	61	13	11	29.70	29.81
15	SCT	NC		10.00	90	70	76	52	15	16	29.65	29.77	15	SCT	NC		10.00	90	70	76	52	20	14	29.65	29.76
18	FEW	NC		10.00	86	69	74	57	17	15	29.65	29.76	18	SCT	NC		10.00	85	70	75	61	13	12	29.63	29.74
21	SCT	NC		10.00	79	71	74	77	7	15	29.67	29.79	21	SCT	NC		10.00	80	73	75	79	9	13	29.65	29.77
24	SCT	NC		10.00	78	72	74	82	5	17	29.72	29.83	24	SCT	NC		9.00	75	73	74	94	0	00	29.67	29.78
SUNRISE: 0520				JUN 05				SUNSET: 1920				SUNRISE: 0520				JUN 11				SUNSET: 1922					
03	BKN	250		10.00	78	72	74	82	8	12	29.71	29.82	03	BKN	250		7.00	75	73	74	94	5	05	29.64	29.75
06	BKN	130		10.00	76	73	74	91	0	00	29.73	29.85	06	BKN	032		7.00	76	74	75	94	6	12	29.64	29.75
09	BKN	130		10.00	80	74	76	82	3	VR	29.79	29.91	09	SCT	NC		10.00	83	73	76	72	0	00	29.66	29.78
12	BKN	250		10.00	89	71	77	55	13	17	29.77	29.88	12	BKN	041		10.00	90	71	77	54	6	16	29.66	29.78
15	BKN	250		10.00	90	73	78	58	15	12	29.73	29.85	15	FEW	NC		10.00	92	69	76	47	10	11	29.61	29.72
18	SCT	NC		10.00	87	74	78	65	13	13	29.72	29.84	18	FEW	NC		10.00	91	68	75	47	9	11	29.58	29.70
21	SCT	NC		10.00	80	73	75	79	14	15	29.77	29.89	21	FEW	NC		10.00	83	71	75	67	6	18	29.63	29.75
24	SCT	NC		10.00	77	74	75	90	5	10	29.78	29.90	24	FEW	NC		10.00	80	72	75	76	6	VR	29.66	29.78
SUNRISE: 0520				JUN 06				SUNSET: 1920				SUNRISE: 0520				JUN 12				SUNSET: 1923					
03	BKN	250		10.00	76	74	75	94	0	00	29.79	29.91	03	CLR	NC		10.00	75	72	73	90	0	00	29.64	29.76
06	BKN	250		10.00	77	75	76	94	3	11	29.78	29.89	06	CLR	NC		10.00	73	71	72	94	3	17	29.67	29.79
09	BKN	014		10.00	82	76	78	82	7	15	29.82	29.94	09	SCT	NC		10.00	84	71	75	65	8	17	29.70	29.82
12	BKN	035		10.00	90	73	78	58	12	16	29.78	29.89	12	BKN	049		10.00	90	67	74	47	12	16	29.69	29.81
15	BKN	060		10.00	92	72	78	52	13	16	29.72	29.83	15	SCT	NC		10.00	90	69	76	50	17	11	29.67	29.78
18	SCT	NC		10.00	88	72	77	59	10	17	29.69	29.81	18	FEW	NC		10.00	87	70	75	57	18	13	29.64	29.76
21	BKN	130		10.00	82	73	76	74	8	16	29.75	29.86	21	SCT	NC		10.00	81	70	74	69	6	18	29.67	29.79
24	SCT	NC		10.00	79	74	75	85	8	13	29.77	29.88	24	SCT	NC		10.00	77	72	74	85	3	19	29.71	29.83

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JUNE 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	
																												SKY COVER
SUNRISE: 0520				JUN 13				SUNSET: 1923				SUNRISE: 0521				JUN 19				SUNSET: 1925								
03	FEW	NC			10.00	77	73	74	88	3	16	29.70	29.82	03	SCT	NC			10.00	73	70	71	90	7	04	29.78	29.90	
06	FEW	NC			10.00	76	72	73	88	5	18	29.72	29.83	06	SCT	NC			9.00	75	71	72	88	5	04	29.83	29.94	
09	SCT	NC			10.00	85	71	75	63	10	17	29.74	29.86	09	BKN	070			10.00	82	68	73	63	13	12	29.88	30.00	
12	BKN	040			10.00	90	71	77	54	5	VR	29.73	29.84	12	OVC	036			10.00	90	69	76	50	7	VR	29.86	29.98	
15	SCT	NC			10.00	90	72	77	56	15	12	29.69	29.81	15	BKN	250			10.00	93	68	76	44	9	04	29.82	29.93	
18	SCT	NC			10.00	88	70	76	55	14	15	29.68	29.79	18	FEW	NC			10.00	91	64	73	41	10	09	29.79	29.91	
21	SCT	NC			10.00	82	72	75	72	7	17	29.71	29.83	21	SCT	NC			10.00	81	71	74	72	10	12	29.85	29.96	
24	BKN	250			10.00	80	74	76	82	5	18	29.76	29.87	24	FEW	NC			10.00	75	69	71	82	8	10	29.88	29.99	
SUNRISE: 0520				JUN 14				SUNSET: 1923				SUNRISE: 0521				JUN 20				SUNSET: 1925								
03	BKN	250			10.00	78	74	75	87	3	19	29.76	29.87	03	CLR	NC			10.00	72	66	68	82	10	08	29.87	29.99	
06	BKN	250			9.00	76	73	74	91	5	34	29.82	29.93	06	FEW	NC			10.00	72	62	66	71	6	05	29.91	30.02	
09	SCT	NC			10.00	84	74	77	72	7	VR	29.80	29.92	09	CLR	NC			10.00	83	61	69	48	10	06	29.96	30.07	
12	BKN	045			10.00	93	70	77	47	3	VR	29.82	29.93	12	FEW	NC			10.00	89	59	70	36	10	04	29.94	30.05	
15	SCT	NC			10.00	95	69	77	43	0	00	29.78	29.90	15	FEW	NC			10.00	93	53	68	26	8	04	29.89	30.00	
18	SCT	NC			10.00	89	73	78	59	10	18	29.76	29.88	18	FEW	NC			10.00	90	55	68	31	8	06	29.86	29.97	
21	BKN	065			10.00	81	65	71	58	9	30	29.83	29.94	21	CLR	NC			10.00	80	62	69	54	7	13	29.90	30.01	
24	SCT	NC			10.00	76	68	71	77	0	00	29.84	29.96	24	CLR	NC			10.00	76	64	68	67	0	00	29.93	30.04	
SUNRISE: 0520				JUN 15				SUNSET: 1924				SUNRISE: 0521				JUN 21				SUNSET: 1925								
03	SCT	NC			10.00	74	70	71	88	5	36	29.81	29.93	03	SCT	NC			10.00	72	64	67	76	3	33	29.93	30.05	
06	FEW	NC			10.00	74	71	72	91	0	00	29.84	29.95	06	SCT	NC			9.00	71	65	67	81	0	00	29.94	30.06	
09	BKN	023			10.00	84	74	77	72	9	30	29.88	29.99	09	SCT	NC			10.00	85	64	71	50	7	01	29.98	30.10	
12	FEW	NC			10.00	91	71	77	52	5	VR	29.85	29.96	12	BKN	250			10.00	92	58	70	32	8	02	29.99	30.10	
15	SCT	NC			10.00	93	69	76	46	7	26	29.79	29.91	15	BKN	250			10.00	93	58	71	31	5	VR	29.93	30.04	
18	SCT	NC			10.00	91	68	75	47	8	18	29.76	29.88	18	SCT	NC			10.00	90	59	70	35	8	12	29.90	30.01	
21	SCT	NC			10.00	85	71	75	63	6	17	29.80	29.91	21	BKN	085			10.00	83	65	71	55	6	17	29.94	30.05	
24	SCT	NC			10.00	81	73	75	77	5	18	29.79	29.91	24	BKN	250			9.00	74	65	68	74	0	00	29.96	30.08	
SUNRISE: 0520				JUN 16				SUNSET: 1924				SUNRISE: 0521				JUN 22				SUNSET: 1926								
03	FEW	NC			10.00	79	73	75	82	3	25	29.77	29.88	03	BKN	250			8.00	72	66	68	82	0	00	29.95	30.06	
06	FEW	NC			10.00	76	73	74	91	0	00	29.82	29.93	06	BKN	250			6.00	BR	70	66	67	87	3	04	29.97	30.08
09	FEW	NC			10.00	86	73	77	65	7	VR	29.83	29.94	09	SCT	NC			10.00	86	64	72	48	3	35	30.01	30.12	
12	FEW	NC			10.00	92	72	78	52	8	18	29.79	29.90	12	BKN	250			10.00	92	63	73	38	7	09	29.97	30.09	
15	SCT	NC			10.00	95	68	76	41	7	21	29.73	29.84	15	SCT	NC			10.00	93	61	72	34	12	11	29.91	30.03	
18	SCT	NC			10.00	95	67	76	40	6	24	29.68	29.80	18	OVC	250			7.00	90	67	74	47	13	12	29.88	30.00	
21	SCT	NC			10.00	87	68	74	53	6	17	29.70	29.81	21	FEW	NC			10.00	82	62	69	51	6	16	29.91	30.02	
24	FEW	NC			10.00	81	72	75	74	6	19	29.71	29.83	24	BKN	250			10.00	79	70	73	74	5	18	29.93	30.04	
SUNRISE: 0520				JUN 17				SUNSET: 1924				SUNRISE: 0522				JUN 23				SUNSET: 1926								
03	FEW	NC			10.00	78	73	75	85	6	18	29.68	29.79	03	BKN	250			8.00	73	69	70	87	0	00	29.92	30.03	
06	SCT	NC			10.00	74	72	73	94	0	00	29.71	29.82	06	BKN	100			6.00	HZ	76	70	72	82	3	33	29.94	30.06
09	SCT	NC			10.00	84	72	76	67	7	23	29.73	29.85	09	SCT	NC			10.00	85	70	75	61	0	00	29.96	30.07	
12	BKN	043			10.00	92	70	77	49	6	VR	29.71	29.83	12	SCT	NC			10.00	90	67	74	47	8	10	29.93	30.05	
15	SCT	NC			10.00	95	66	75	39	6	16	29.65	29.77	15	SCT	NC			10.00	91	66	74	44	22	14	29.88	30.00	
18	SCT	NC			10.00	93	67	75	42	6	21	29.60	29.71	18	SCT	NC			10.00	89	64	72	43	14	13	29.85	29.96	
21	CLR	NC			10.00	86	70	75	59	8	18	29.66	29.78	21	SCT	NC			10.00	80	67	71	64	7	15	29.87	29.98	
24	CLR	NC			10.00	81	74	76	79	7	19	29.69	29.80	24	FEW	NC			8.00	75	69	71	82	0	00	29.88	30.00	
SUNRISE: 0521				JUN 18				SUNSET: 1925				SUNRISE: 0522				JUN 24				SUNSET: 1926								
03	CLR	NC			10.00	78	73	75	85	5	22	29.69	29.81	03	CLR	NC			7.00	73	69	70	87	0	00	29.87	29.98	
06	FEW	NC			10.00	76	73	74	91	0	00	29.72	29.83	06	FEW	NC			5.00	BR	73	69	70	87	0	00	29.89	30.00
09	SCT	NC			10.00	85	73	77	68	9	22	29.75	29.86	09	SCT	NC			10.00	84	71	75	65	6	03	29.91	30.02	
12	SCT	NC			10.00	89	69	75	52	6	28	29.74	29.85	12	BKN	047			10.00	90	67	74	47	8	14	29.89	30.01	
15	SCT	NC			10.00	93	68	76	44	7	VR	29.71	29.82	15	BKN	080			10.00	83	69	74	63	12	16	29.86	29.98	
18	FEW	NC			10.00	93	71	78	49	12	11	29.71	29.83	18	SCT	NC			10.00	88	64	72	45	15	13	29.81	29.93	
21	FEW	NC			10.00	76	70	72	82	8	06	29.74	29.85	21	CLR	NC			10.00	79	66	71	65	6	15	29.83	29.95	
24	BKN	047			10.00	77	71	73	82	5	02	29.78	29.89	24	FEW	NC			8.00	74	68	70	82	0	00	29.86	29.97	

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JUNE 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		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION
SUNRISE: 0522				JUN 25				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	FEW	NC		72	68	69	87	0	00	29.84	29.96										
06	SCT	NC	BR	74	70	71	88	5	VR	29.86	29.98										
09	FEW	NC		85	72	76	65	9	11	29.89	30.01										
12	SCT	NC		91	68	75	47	9	11	29.88	29.99										
15	SCT	NC		93	64	74	38	16	13	29.82	29.94										
18	SCT	NC		88	67	74	50	14	12	29.81	29.93										
21	BKN	250		82	69	73	65	10	15	29.83	29.95										
24	BKN	250		76	71	73	85	3	20	29.86	29.98										
SUNRISE: 0522				JUN 26				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	SCT	NC		74	71	72	91	0	00	29.85	29.97										
06	FEW	NC	BR	73	70	71	90	0	00	29.88	29.99										
09	SCT	NC		85	72	76	65	8	08	29.91	30.03										
12	SCT	NC		92	65	74	41	10	09	29.89	30.01										
15	SCT	NC		92	65	74	41	10	11	29.84	29.96										
18	SCT	NC		89	63	72	42	14	11	29.82	29.94										
21	SCT	NC		82	68	73	63	7	17	29.85	29.96										
24	FEW	NC		80	70	73	71	3	20	29.88	29.99										
SUNRISE: 0523				JUN 27				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	FEW	NC	BR	74	70	71	88	0	00	29.88	29.99										
06	FEW	NC	BR	73	70	71	90	6	01	29.90	30.02										
09	SCT	NC		85	71	75	63	7	12	29.93	30.05										
12	BKN	044	-RA	82	69	73	65	15	13	29.92	30.04										
15	BKN	250		91	67	75	45	14	11	29.87	29.99										
18	FEW	NC		89	64	72	43	7	VR	29.84	29.96										
21	SCT	NC		81	68	72	65	5	19	29.87	29.99										
24	FEW	NC		76	70	72	82	6	19	29.89	30.01										
SUNRISE: 0523				JUN 28				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	FEW	NC		73	70	71	90	0	00	29.86	29.97										
06	SCT	NC	BR	74	71	72	91	5	01	29.88	29.99										
09	BKN	022		84	72	76	67	3	VR	29.90	30.01										
12	SCT	NC		91	66	74	44	13	13	29.88	29.99										
15	SCT	NC		95	64	74	36	8	17	29.82	29.93										
18	FEW	NC		90	68	75	49	15	13	29.80	29.91										
21	FEW	NC		82	68	73	63	9	14	29.83	29.94										
24	CLR	NC		80	71	74	74	3	22	29.84	29.95										
SUNRISE: 0523				JUN 29				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	FEW	NC		75	71	72	88	0	00	29.81	29.92										
06	SCT	NC		74	71	72	91	0	00	29.83	29.95										
09	BKN	024		85	73	77	68	0	00	29.87	29.98										
12	SCT	NC		92	69	76	47	10	13	29.84	29.95										
15	SCT	NC		96	69	77	42	9	13	29.78	29.90										
18	SCT	NC		92	69	76	47	14	14	29.77	29.89										
21	FEW	NC		83	71	75	67	9	14	29.81	29.93										
24	CLR	NC		78	73	75	85	0	00	29.82	29.93										
SUNRISE: 0524				JUN 30				SUNSET: 1926				SUNRISE: JUN 31				SUNSET:					
03	FEW	NC		76	73	74	91	0	00	29.80	29.91										
06	SCT	NC		76	74	75	94	0	00	29.82	29.94										
09	BKN	023		88	75	79	66	7	16	29.85	29.96										
12	BKN	046		94	72	78	49	6	VR	29.82	29.93										
15	BKN	055		94	73	79	51	13	11	29.77	29.88										
18	SCT	NC		94	73	79	51	10	18	29.74	29.86										
21	FEW	NC		87	74	78	65	7	18	29.77	29.88										
24	FEW	NC		83	75	77	77	8	20	29.78	29.90										

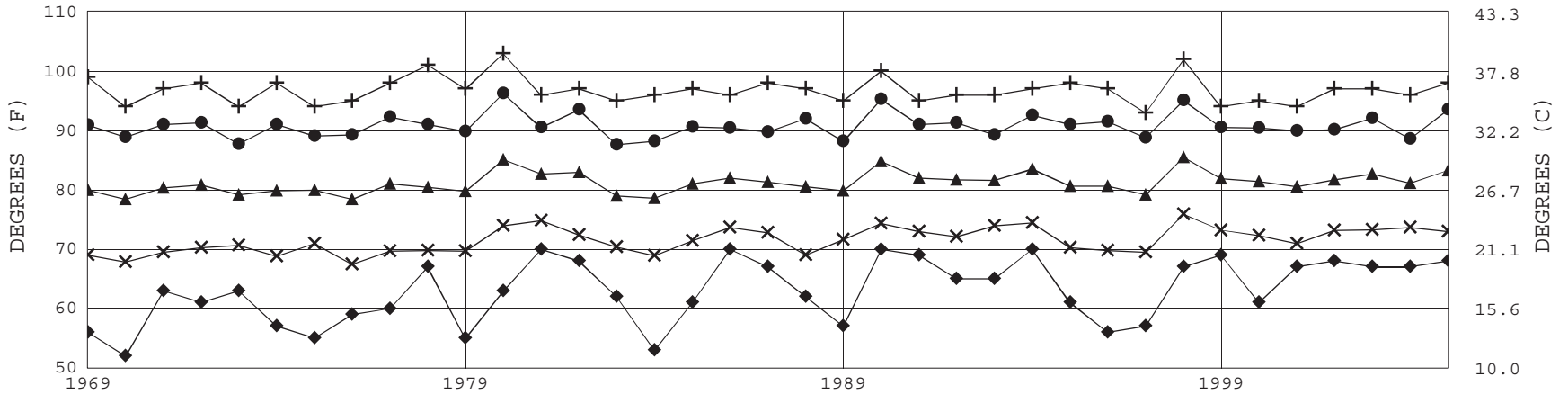
3-HOURLY OBSERVATION NOTES

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)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			77	71	73	83	29.77	29.89	9.40	3	2	16
02			76	71	73	86	29.77	29.88	9.30	3	2	15
03			75	71	72	87	29.76	29.88	9.13	3	1	14
04			75	71	72	88	29.77	29.88	9.03	3	1	13
05			74	71	72	89	29.78	29.89	9.17	3	1	8
06			75	71	72	89	29.79	29.90	8.50	3	1	12
07			78	72	74	82	29.80	29.91	8.50	5	3	13
08			81	72	75	74	29.81	29.93	9.27	6	3	14
09			84	71	75	67	29.82	29.93	9.80	7	4	15
10			86	70	75	60	29.81	29.93	9.87	7	5	16
11			88	69	75	54	29.81	29.93	9.87	7	5	15
12			90	69	75	50	29.80	29.91	9.90	8	6	14
13			91	68	75	48	29.78	29.90	9.93	8	6	13
14			92	68	75	46	29.77	29.88	9.87	10	8	14
15			92	67	75	46	29.75	29.87	9.93	10	9	13
16			92	67	75	46	29.74	29.85	9.93	11	9	13
17			90	67	75	47	29.73	29.84	9.97	12	10	14
18			89	68	75	50	29.73	29.84	9.87	11	9	14
19			86	68	74	56	29.74	29.85	9.80	12	10	14
20			83	69	73	63	29.75	29.86	10.00	8	7	14
21			81	70	73	68	29.76	29.88	10.00	8	6	16
22			80	70	73	72	29.78	29.90	9.87	6	6	16
23			79	71	73	76	29.79	29.90	9.73	5	4	17
24			78	71	73	81	29.79	29.90	9.57	4	3	17

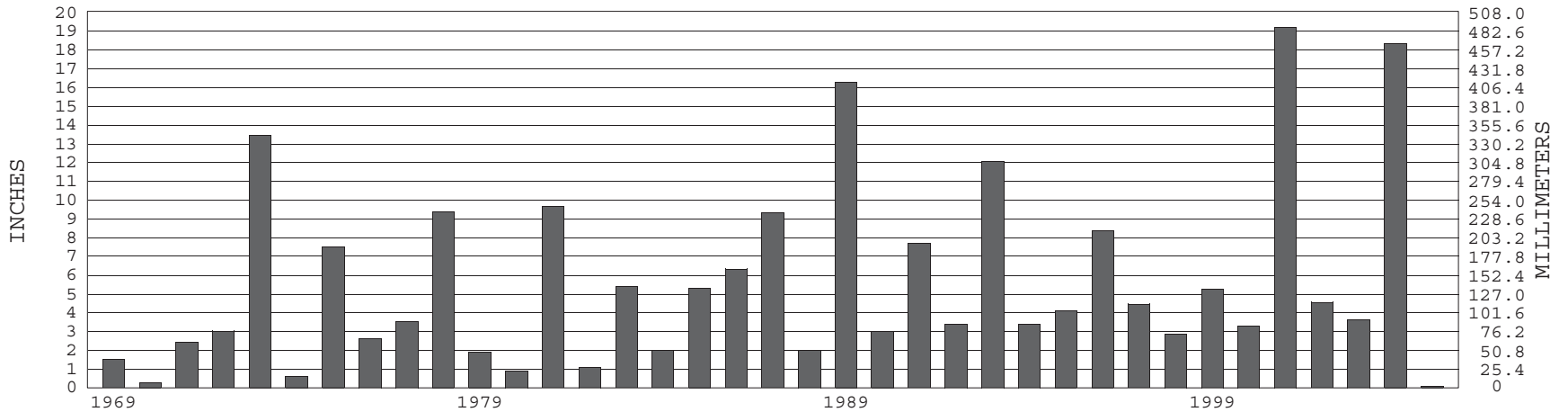
HOUSTON, TX JUNE TEMPERATURES



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

Long-Term (1969-2005) Mean: 81.2 1971-2000 Normal: 81.3

HOUSTON, TX JUNE PRECIPITATION



Long-Term (1969-2005) Mean Monthly Total: 5.62

1971-2000 Normal: 5.35



JUNE 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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