



APRIL 2004

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

APRIL 2004
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																																		
01	85	54	70	4	54	61	0	5	MIFG BR	0		0.0	0.00	29.86	29.97	2.9	20	5.0	18	13	15	13	01																																		
02	81	57	69	3	62	65	0	4	RA	0		0.0	T	29.86	29.98	5.6	15	6.5	28	13	20	16	02																																		
03	78	62	70	4	61	65	0	5	RA	0		0.0	T	29.90	30.02	3.1	11	4.7	18	15	15	15	03																																		
04	81	59	70	4	59	63	0	5	BCFG BR HZ	0		0.0	0.00	29.90	30.02	3.6	13	5.2	26	13	16	15	04																																		
05	75	64	70	3	53	60	0	5		0		0.0	0.00	29.89	30.01	12.3	09	12.5	23	09	18	09	05																																		
06	71	58	65	-2	59	61	0	0	TSRA RA BR	0		0.0	0.51	29.80	29.91	5.4	06	8.3	33	04	28	09	06																																		
07	83	55	69	2	59	63	0	4	FG+ MIFG BR HZ	0		0.0	0.00	29.70	29.81	3.6	26	5.1	16	21	13	25	07																																		
08	80	58	69	2	56	61	0	4		0		0.0	0.00	29.76	29.88	3.4	36	5.3	17	02	13	04	08																																		
09	85	58	72	5	59	64	0	7		0		0.0	0.00	29.77	29.88	3.1	15	4.6			16	12	09																																		
10	83	62	73	6	65	67	0	8	TSRA RA BR HZ	0		0.0	2.57	29.71	29.82	2.7	08	6.9	37	32	30	32	10																																		
11	63	53	58	-9	55	55	7	0	TS TSRA RA DZ BR	0		0.0	0.70	29.73	29.85	10.0	34	11.5	24	01	20	35	11																																		
12	57	49	53*	-14	49	51	12	0	RA BR	0		0.0	0.15	29.81	29.93	9.7	31	10.4	24	01	18	30	12																																		
13	67	46	57	-11	42	49	8	0		0		0.0	0.00	30.08	30.19	8.0	32	8.8	24	33	20	35	13																																		
14	73	46*	60	-8	45	52	5	0		0		0.0	0.00	30.13	30.24	3.3	18	4.1	17	23	13	12	14																																		
15	78	49	64	-4	53	58	1	0		0		0.0	0.00	30.05	30.16	7.0	16	7.5	28	16	18	15	15																																		
16	81	57	69	1	58	62	0	4		0		0.0	0.00	30.06	30.17	8.8	17	9.0	23	16	20	16	16																																		
17	81	65	73	4	62	66	0	8		0		0.0	0.00	30.13	30.24	10.7	15	10.9	26	12	23	14	17																																		
18	82	63	73	4	61	65	0	8		0		0.0	0.00	30.13	30.24	13.4	16	13.6	35	14	26	14	18																																		
19	83	65	74	5	62	66	0	9	BR	0		0.0	0.00	30.09	30.20	10.4	15	10.8	25	14	22	15	19																																		
20	81	66	74	5	64	67	0	9		0		0.0	0.00	29.84	29.96	11.7	17	11.9	39*	14	33*	15	20																																		
21	83	67	75	5	66	69	0	10	RA	0		0.0	T	29.68	29.80	11.1	18	11.2	25	17	21	17	21																																		
22	86*	71	79	9	69	72	0	14		0		0.0	0.00	29.71	29.82	12.1	16	12.5	28	18	23	15	22																																		
23	84	73	79*	9	70	73	0	14	RA BR	0		0.0	T	29.78	29.89	14.4	14	14.9	29	14	24	14	23																																		
24	76	67	72	2	67	69	0	7	TSRA RA BR	0		0.0	1.08	29.83	29.94	6.0	13	9.2	30	20	21	21	24																																		
25	75	66	71	0	67	68	0	6	TSRA RA FG+ BR	0		0.0	0.45	29.88	30.00	5.6	05	6.9	20	06	16	05	25																																		
26	82	64	73	2	61	65	0	8		0		0.0	0.00	30.01	30.12	9.0	01	9.8	26	02	22	03	26																																		
27	83	59	71	0	52	60	0	6		0		0.0	0.00	30.06	30.17	3.9	01	5.5	21	02	15	04	27																																		
28	79	57	68	-3	56	62	0	3		0		0.0	0.00	29.93	30.05	9.2	15	9.4	25	13	22	15	28																																		
29	83	67	75	4	67	70	0	10	RA	0		0.0	T	29.85	29.97	10.5	16	10.6	24	15	20	15	29																																		
30	85	70	78	7	71	73	0	13	RA BR	0		0.0	0.10	29.79	29.91	9.8	14	10.7	28	10	23	10	30																																		
78.8										60.2		69.5		■ ■		59.5		63.4		1.1		5.9		< MONTHLY AVERAGES		TOTALS->		0.0		5.56		29.89		30.01		3.9		16		8.8		<- MONTHLY AVERAGES															
-.3										2.3		1.0		■ ■		<-----DEPARTURE FROM NORMAL----->																				1.96		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 3.26 DATE: 10-11										SEA LEVEL PRESSURE										DATE		TIME																									
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE:										MAXIMUM										30.33		14 0953															
HEATING: 33										-15										1177										-346										MINIMUM										29.69		10 1653					
COOLING: 176										29										302										56										NUMBER OF DAYS WITH										MAXIMUM TEMP ≥ 90: 0		MINIMUM TEMP ≤ 32: 0		PRECIPITATION ≥ 0.01 INCH: 7			
																																								MAXIMUM TEMP ≤ 32: 0		MINIMUM TEMP ≤ 0: 0		PRECIPITATION ≥ 0.10 INCH: 7													
																																								THUNDERSTORMS: 5		HEAVY FOG: 2		SNOWFALL ≥ 1.0 INCH: 0													

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

APRIL 2004

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		T	
03													03	T	T	T									03		T	
04													04												04		0.00	
05													05												05		0.00	
06													06												06		0.51	
07											0.07	0.26	07	0.05	0.09	0.04									07		0.00	
08													08												08		0.00	
09													09												09		0.00	
10													10					1.68	0.77	0.07	0.03	0.02	T	10		2.57		
11		T	0.23	0.22	T	0.01							11	0.10	0.04	T	0.01	0.01	0.02					11		0.70		
12											0.04	0.05	12	T	T	T								12		0.15		
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				T							21		T		
22													22				T							22		0.00		
23													23				T							23		T		
24			T			0.14	0.19	0.18	0.07	0.14	0.04	0.02	24	0.03	0.01		T				T			24		1.08		
25								0.01		0.04	0.14	0.13	25	0.05	0.06	0.02	T				T			25		0.45		
26													26											26		0.00		
27													27											27		0.00		
28													28											28		0.00		
29		T	T	T									29											29		T		
30													30											30		0.10		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.55	.84	1.07	1.33	1.78	2.11	2.26	2.40	2.43	2.47	2.50	2.55
Ending Date	10	10	10	10	10	10	10	10	10	10	10	10
Ending Time (Hour/Min)	1845	1848	1847	1859	1901	1905	1919	1931	1953	2011	2036	2102

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 APRIL 2004

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							3.00	10.00	
02							10.00	10.00	
03							7.00	10.00	
04							2.00	10.00	
05							10.00	10.00	
06							1.00	10.00	
07							.25	10.00	
08							10.00	10.00	
09							7.00	10.00	
10							.50	10.00	
11							5.00	10.00	
12							2.50	10.00	
13							8.00	10.00	
14							9.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							7.00	10.00	
19							5.00	10.00	
20							10.00	10.00	
21							8.00	10.00	
22							7.00	10.00	
23							5.00	10.00	
24							1.50	10.00	
25							.06	10.00	
26							10.00	10.00	
27							8.00	10.00	
28							9.00	10.00	
29							10.00	10.00	
30							3.00	10.00	
MONTHLY AVGS							6.35	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									
2 9 18									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

APRIL 2004

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: 0610				APR 01	SUNSET: 1840				SUNRISE: 0603				APR 07	SUNSET: 1843															
03	CLR	NC		10.00	MIFG BR	57	54	55	90	0	00	29.87	29.99	03	OVC	016		2.00	BR	57	57	57	100	0	00	29.71	29.83		
06	SCT	NC		3.00		55	53	54	93	0	00	29.89	30.01	06	BKN	009		6.00	BR	56	56	56	100	0	00	29.72	29.84		
09	CLR	NC		10.00		68	54	60	61	6	28	29.93	30.05	09	OVC	002		0.75	BR	63	62	62	97	3	21	29.76	29.88		
12	CLR	NC		10.00		78	50	62	37	7	25	29.89	30.01	12	BKN	011		10.00		69	63	65	81	9	27	29.74	29.86		
15	FEW	NC		10.00		83	46	62	28	3	VR	29.80	29.92	15	FEW	NC		10.00		82	59	68	46	9	23	29.65	29.76		
18	SCT	NC		10.00		79	61	68	54	15	13	29.77	29.89	18	FEW	NC		10.00		82	58	67	44	9	22	29.58	29.70		
21	CLR	NC		10.00		71	58	63	63	8	18	29.82	29.94	21	BKN	110		10.00		77	60	66	56	8	23	29.66	29.78		
24	FEW	NC		10.00		65	63	64	93	5	19	29.84	29.96	24	SCT	NC		10.00		68	57	62	68	8	33	29.72	29.83		
SUNRISE: 0609				APR 02	SUNSET: 1840				SUNRISE: 0602				APR 08	SUNSET: 1844															
03	FEW	NC		10.00		60	59	59	96	0	00	29.81	29.93	03	SCT	NC		10.00		61	57	59	87	0	00	29.72	29.84		
06	FEW	NC		10.00		58	57	57	97	0	00	29.84	29.96	06	FEW	NC		10.00		59	55	57	87	5	29	29.75	29.87		
09	SCT	NC		10.00		73	63	67	71	7	17	29.91	30.03	09	BKN	250		10.00		68	56	61	66	9	02	29.80	29.92		
12	BKN	130		10.00		79	59	67	50	3	VR	29.90	30.02	12	BKN	250		10.00		76	56	64	50	6	06	29.78	29.90		
15	BKN	110		10.00		77	62	68	60	15	13	29.84	29.96	15	BKN	250		10.00		79	52	63	39	9	03	29.73	29.85		
18	OVC	250		10.00		73	64	67	74	9	16	29.87	29.99	18	BKN	130		10.00		76	54	63	47	6	03	29.72	29.84		
21	OVC	130		10.00		70	65	67	84	8	18	29.86	29.98	21	BKN	250		10.00		67	57	61	71	3	24	29.77	29.89		
24	OVC	085		10.00		67	61	63	81	5	23	29.91	30.02	24	BKN	250		10.00		64	58	60	81	0	00	29.78	29.90		
SUNRISE: 0608				APR 03	SUNSET: 1841				SUNRISE: 0601				APR 09	SUNSET: 1845															
03	OVC	250		10.00		65	59	61	81	3	09	29.84	29.96	03	BKN	250		10.00		61	58	59	90	0	00	29.75	29.87		
06	BKN	085		10.00		64	61	62	90	0	00	29.90	30.02	06	SCT	NC		10.00		59	57	58	93	0	00	29.79	29.91		
09	BKN	120		10.00		69	64	66	84	5	05	29.94	30.06	09	SCT	NC		10.00		72	59	64	64	6	24	29.82	29.94		
12	BKN	032		10.00		76	62	67	62	7	05	29.93	30.05	12	CLR	NC		10.00		81	56	66	42	5	VR	29.80	29.92		
15	BKN	060		10.00		77	62	68	60	9	12	29.88	30.00	15	FEW	NC		10.00		84	58	68	41	5	VR	29.73	29.85		
18	SCT	NC		10.00		75	60	66	60	8	14	29.87	29.99	18	SCT	NC		10.00		79	62	68	56	12	12	29.70	29.82		
21	CLR	NC		10.00		68	62	64	81	3	17	29.91	30.02	21	CLR	NC		10.00		71	61	65	71	6	17	29.75	29.87		
24	BKN	250		7.00		63	62	62	97	0	00	29.92	30.03	24	CLR	NC		10.00		68	63	65	84	6	19	29.74	29.85		
SUNRISE: 0607				APR 04	SUNSET: 1842				SUNRISE: 0560				APR 10	SUNSET: 1845															
03	BKN	250		7.00	BCFG	60	59	59	96	0	00	29.90	30.02	03	BKN	009		5.00	BR	67	64	65	91	0	00	29.72	29.83		
06	FEW	NC		2.00	BR	60	58	59	93	0	00	29.91	30.03	06	BKN	006		2.00	BR	65	64	64	97	6	16	29.73	29.84		
09	SCT	NC		8.00		70	64	66	82	6	05	29.94	30.06	09	OVC	008		2.00	BR	70	68	69	93	3	16	29.75	29.87		
12	SCT	NC		10.00		78	61	67	56	8	13	29.92	30.03	12	OVC	043		10.00		78	66	70	67	6	17	29.72	29.84		
15	BKN	250		10.00		81	57	66	44	14	15	29.86	29.98	15	SCT	NC		10.00		82	65	71	56	6	10	29.63	29.75		
18	OVC	250		10.00		76	56	64	50	14	14	29.84	29.96	18	OVC	130		10.00		77	68	71	74	10	11	29.59	29.71		
21	BKN	250		10.00		70	54	61	57	5	14	29.89	30.01	21	OVC	080		6.00	TSRA	62	60	61	93	17	02	29.77	29.88		
24	BKN	250		10.00		66	61	63	84	7	06	29.91	30.02	24	OVC	130		10.00		63	60	61	90	12	08	29.68	29.80		
SUNRISE: 0606				APR 05	SUNSET: 1842				SUNRISE: 0559				APR 11	SUNSET: 1846															
03	OVC	250		10.00		65	59	61	81	6	11	29.86	29.98	03	OVC	006		5.00	TSRA BR	61	60	60	97	8	27	29.77	29.88		
06	BKN	250		10.00		65	52	58	63	14	09	29.89	30.01	06	BKN	006		8.00		56	54	55	93	12	35	29.72	29.84		
09	OVC	250		10.00		64	44	54	48	15	09	29.94	30.05	09	OVC	007		5.00	-DZ BR	56	53	54	90	14	33	29.79	29.91		
12	OVC	250		10.00		69	51	59	53	16	09	29.93	30.05	12	OVC	007		5.00	TSRA BR	55	53	54	93	12	30	29.78	29.89		
15	SCT	NC		10.00		73	54	62	51	12	08	29.87	29.98	15	OVC	009		7.00	-RA	57	54	55	90	12	36	29.67	29.79		
18	SCT	NC		10.00		72	55	62	55	10	11	29.85	29.97	18	OVC	008		10.00		57	55	56	93	9	31	29.71	29.83		
21	OVC	044		10.00		68	55	61	63	14	08	29.91	30.02	21	OVC	009		10.00		54	52	53	93	13	34	29.74	29.86		
24	SCT	NC		10.00		65	54	59	68	13	09	29.86	29.98	24	OVC	018		10.00		53	50	51	89	9	34	29.72	29.85		
SUNRISE: 0604				APR 06	SUNSET: 1843				SUNRISE: 0558				APR 12	SUNSET: 1847															
03	OVC	034		10.00		63	53	57	70	15	08	29.81	29.93	03	OVC	014		10.00		53	50	51	89	8	31	29.70	29.82		
06	BKN	045		10.00		62	55	58	78	7	10	29.85	29.97	06	OVC	016		6.00	BR	53	51	52	93	8	30	29.74	29.86		
09	BKN	100		10.00		69	63	65	81	9	11	29.84	29.96	09	OVC	013		4.00	RA BR	53	51	52	93	8	30	29.78	29.90		
12	OVC	012		1.75	+TSRA BR	59	58	58	96	18	36	29.86	29.97	12	OVC	016		10.00		54	50	52	87	13	33	29.79	29.91		
15	BKN	130		10.00		62	61	61	96	8	11	29.72	29.84	15	OVC	028		10.00		57	49	53	75	14	31	29.80	29.92		
18	OVC	008		10.00		65	63	64	93	7	36	29.73	29.85	18	BKN	049		10.00		55	47	51	74	16	30	29.86	29.98		
21	BKN	250		10.00		62	61	61	96	3	34	29.74	29.86	21	SCT	NC		10.00		51	48	50	89	7	31	29.93	30.05		
24	SCT	NC		6.00	BR	59	59	59	100	3	25	29.76	29.88	24	SCT	NC		10.00		49	46	47	90	3	25	29.97	30.09		

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

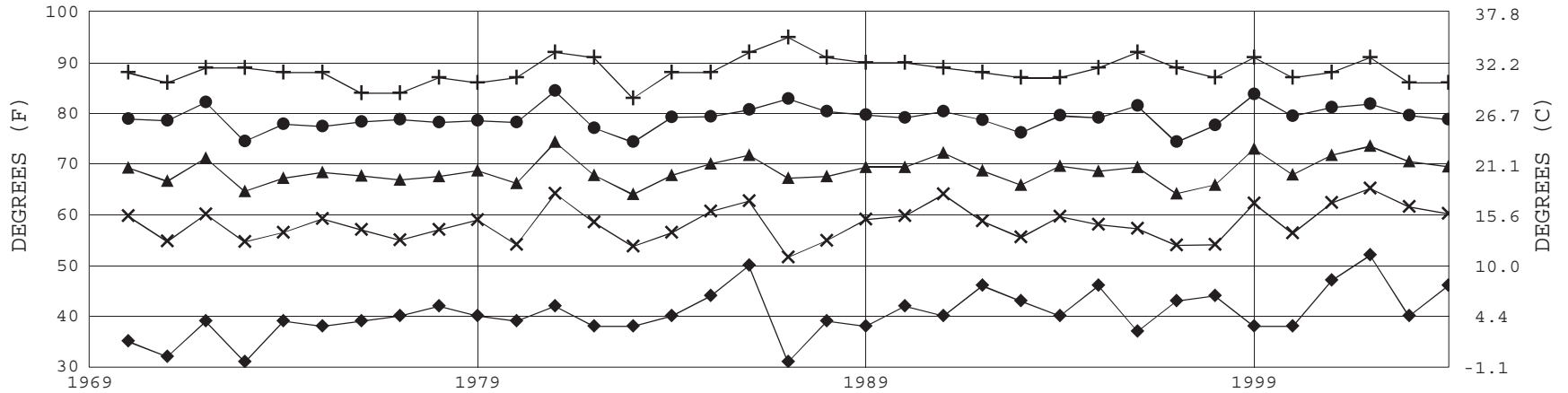
APRIL 2004

IAH

WBAN # 12960

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT			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			SKY COVER	CEILING 100'S OF FT	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: 0556					APR 13					SUNSET: 1847					SUNRISE: 0550					APR 19					SUNSET: 1851				
03	FEW	NC	9.00		47	46	47	97	6	25	29.97	30.09	03	BKN	250	10.00		67	65	66	93	6	15	30.10	30.22				
06	SCT	NC	9.00		47	44	46	90	8	30	30.03	30.16	06	BKN	250	7.00		65	64	64	97	6	15	30.11	30.23				
09	FEW	NC	10.00		56	44	50	65	13	33	30.10	30.22	09	BKN	250	10.00		75	62	67	64	14	16	30.14	30.26				
12	FEW	NC	10.00		63	40	51	43	13	33	30.11	30.23	12	BKN	250	10.00		81	60	68	49	12	18	30.12	30.24				
15	FEW	NC	10.00		66	36	51	33	14	32	30.06	30.18	15	BKN	250	10.00		82	58	67	44	17	14	30.05	30.17				
18	CLR	NC	10.00		65	37	51	36	13	31	30.06	30.18	18	SCT	NC	10.00		77	58	65	52	14	14	30.03	30.15				
21	CLR	NC	10.00		57	45	51	64	5	28	30.14	30.26	21	SCT	NC	10.00		70	62	65	76	8	16	30.05	30.17				
24	CLR	NC	10.00		50	45	48	83	0	00	30.16	30.28	24	BKN	250	10.00		69	64	66	84	10	16	30.01	30.13				
SUNRISE: 0555					APR 14					SUNSET: 1848					SUNRISE: 0549					APR 20					SUNSET: 1851				
03	CLR	NC	10.00		48	45	47	89	0	00	30.13	30.25	03	BKN	130	10.00		68	62	64	81	8	17	29.91	30.03				
06	FEW	NC	10.00		46	44	45	93	0	00	30.16	30.28	06	OVC	250	10.00		67	64	65	91	7	17	29.89	30.01				
09	FEW	NC	10.00		63	44	53	50	6	18	30.21	30.32	09	BKN	026	10.00		74	66	69	76	15	17	29.90	30.02				
12	SCT	NC	10.00		68	40	54	36	9	21	30.17	30.29	12	BKN	060	10.00		80	63	69	56	17	17	29.86	29.98				
15	FEW	NC	10.00		72	43	57	35	5	VR	30.09	30.21	15	OVC	070	10.00		78	62	68	58	15	17	29.82	29.94				
18	FEW	NC	10.00		72	45	57	38	6	20	30.05	30.17	18	OVC	075	10.00		76	64	68	67	10	17	29.78	29.90				
21	CLR	NC	10.00		61	49	55	65	6	16	30.09	30.20	21	BKN	035	10.00		73	65	68	76	7	18	29.76	29.88				
24	CLR	NC	10.00		56	48	52	75	3	17	30.06	30.18	24	BKN	020	10.00		71	67	68	87	9	18	29.74	29.85				
SUNRISE: 0554					APR 15					SUNSET: 1848					SUNRISE: 0548					APR 21					SUNSET: 1852				
03	CLR	NC	10.00		51	48	50	89	0	00	30.04	30.16	03	BKN	020	10.00		71	66	68	84	9	20	29.70	29.82				
06	CLR	NC	10.00		51	47	49	86	0	00	30.06	30.17	06	BKN	032	8.00		68	66	67	93	3	17	29.70	29.82				
09	CLR	NC	10.00		67	52	59	59	10	16	30.09	30.21	09	BKN	039	10.00		75	66	69	74	14	18	29.72	29.84				
12	FEW	NC	10.00		74	50	60	43	7	VR	30.07	30.19	12	BKN	040	10.00		80	65	70	60	15	17	29.69	29.81				
15	BKN	055	10.00		77	55	64	47	12	16	30.01	30.13	15	OVC	033	10.00		79	65	70	62	17	18	29.66	29.78				
18	FEW	NC	10.00		72	56	63	57	16	16	30.00	30.12	18	BKN	060	10.00		77	64	69	64	14	16	29.63	29.75				
21	FEW	NC	10.00		65	57	60	76	7	16	30.03	30.15	21	OVC	032	10.00		73	67	69	81	9	17	29.66	29.77				
24	SCT	NC	10.00		62	57	59	84	3	18	30.04	30.16	24	BKN	024	9.00		73	68	70	84	14	17	29.65	29.77				
SUNRISE: 0553					APR 16					SUNSET: 1849					SUNRISE: 0547					APR 22					SUNSET: 1853				
03	SCT	NC	10.00		59	56	57	90	0	00	30.02	30.13	03	BKN	014	8.00		72	69	70	91	8	16	29.65	29.77				
06	BKN	250	10.00		59	56	57	90	5	19	30.04	30.16	06	OVC	015	7.00		72	69	70	91	9	17	29.67	29.79				
09	BKN	250	10.00		71	56	62	59	10	21	30.08	30.20	09	BKN	026	10.00		76	67	70	74	16	16	29.73	29.85				
12	BKN	250	10.00		78	57	65	48	13	15	30.08	30.19	12	BKN	048	10.00		84	66	72	55	17	16	29.74	29.85				
15	BKN	250	10.00		80	58	66	47	16	17	30.04	30.15	15	BKN	055	10.00		82	71	75	69	16	12	29.70	29.82				
18	BKN	045	10.00		74	58	64	57	12	16	30.04	30.16	18	OVC	031	10.00		80	70	73	71	18	15	29.70	29.82				
21	BKN	043	10.00		70	60	64	71	10	17	30.09	30.21	21	OVC	026	10.00		77	70	72	79	9	16	29.73	29.85				
24	SCT	NC	10.00		66	61	63	84	5	17	30.08	30.20	24	OVC	028	10.00		76	70	72	82	9	15	29.75	29.86				
SUNRISE: 0552					APR 17					SUNSET: 1850					SUNRISE: 0546					APR 23					SUNSET: 1853				
03	OVC	041	10.00		66	62	64	87	3	17	30.06	30.18	03	BKN	025	10.00		75	69	71	82	10	16	29.74	29.86				
06	OVC	043	10.00		67	63	64	87	5	17	30.09	30.21	06	BKN	029	10.00		73	69	70	87	8	17	29.75	29.87				
09	OVC	045	10.00		72	64	67	76	12	16	30.15	30.27	09	BKN	023	10.00		79	68	72	69	17	15	29.78	29.90				
12	BKN	043	10.00		80	62	69	54	14	15	30.16	30.28	12	BKN	029	10.00		82	69	73	65	18	14	29.79	29.91				
15	BKN	042	10.00		80	63	69	56	15	15	30.11	30.23	15	BKN	037	10.00		82	71	75	69	18	12	29.77	29.89				
18	BKN	045	10.00		75	61	66	62	18	14	30.12	30.24	18	OVC	046	9.00		76	71	73	85	16	13	29.78	29.90				
21	SCT	NC	10.00		70	63	66	79	13	15	30.17	30.29	21	OVC	009	5.00	-RA BR	74	73	73	97	20	14	29.80	29.91				
24	SCT	NC	10.00		67	63	64	87	9	15	30.16	30.28	24	OVC	014	8.00		75	71	72	88	15	16	29.78	29.90				
SUNRISE: 0551					APR 18					SUNSET: 1850					SUNRISE: 0545					APR 24					SUNSET: 1854				
03	SCT	NC	10.00		66	63	64	90	9	15	30.13	30.25	03	OVC	013	10.00		75	70	72	84	15	15	29.77	29.89				
06	BKN	250	7.00		66	64	65	93	8	15	30.12	30.24	06	OVC	014	8.00	-TSRA	68	65	66	90	7	19	29.82	29.94				
09	OVC	250	10.00		73	60	65	64	13	16	30.16	30.27	09	OVC	025	9.00	-RA	67	65	66	93	5	16	29.85	29.97				
12	BKN	250	10.00		80	56	65	44	21	17	30.14	30.26	12	BKN	070	9.00	-RA	69	67	68	93	3	30	29.87	29.99				
15	OVC	250	10.00		78	58	66	50	24	16	30.09	30.20	15	BKN	250	10.00		74	67	69	79	10	04	29.78	29.90				
18	OVC	250	10.00		76	59	66	56	22	15	30.10	30.22	18	OVC	060	2.50	RA	73	68	70	84	13	09	29.81	29.93				
21	BKN	250	10.00		71	64	67	79	12	15	30.14	30.25	21	OVC	095	10.00		70	68	69	93	9	11	29.88	30.00				
24	BKN	250	10.00		69	65	66	87	10	16	30.13	30.25	24	FEW	NC	10.00		68	66	67	93	6	12	29.86	29.98				

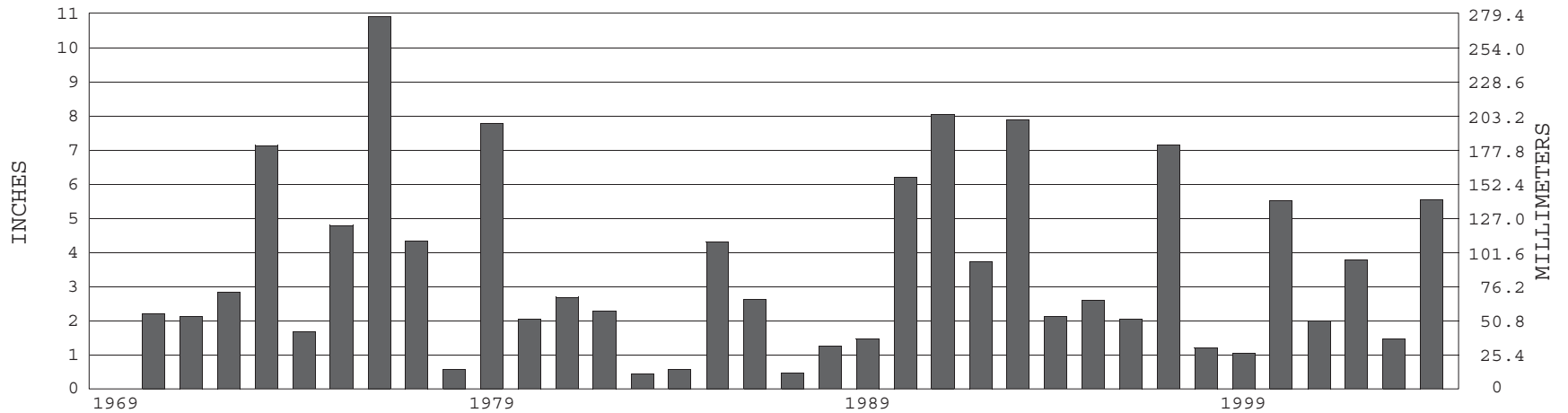
HOUSTON, TX APRIL TEMPERATURES



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

Long-Term (1969-2004) Mean: 66.8 1971-2000 Normal: 68.5

HOUSTON, TX APRIL PRECIPITATION



Long-Term (1969-2004) Mean Monthly Total: 3.42

1971-2000 Normal: 3.60



APRIL 2004

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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