



JULY 2000

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HOUSTON, TX

INTERCONTINENTAL AIRPORT (IAH)
 Lat: 29°59' N Long: 95°21' W Elev (Ground): 119 Feet
 Time Zone: CENTRAL WBAN: 12960 ISSN #:0198-5094

JULY 2000
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	92	74	83	1	74	77	0	18	TSRA RA	0		0.0	0.06	29.86	29.98	4.8	16	6.1	25	17	21	16	01	
02	94	74	84	2	73	76	0	19		0		0.0	0.00	29.84	29.96	6.5	17	7.2	26	05	17	16	02	
03	94	75	85	3	71	75	0	20	BR	0		0.0	0.00	29.87	29.99	6.4	17	6.8	20	15	17	15	03	
04	93	70	82	0	72	75	0	17	RA	0		0.0	T	29.88	30.00	5.5	15	6.4	23	13	20	13	04	
05	95	68	82	0	68	73	0	17	MIFG	0		0.0	0.00	29.86	29.98	3.1	13	4.1	17	12	14	12	05	
06	97	71	84	2	71	74	0	19	MIFG	0		0.0	0.00	29.85	29.97	3.6	17	4.8	23	16	20	16	06	
07	97	71	84	2	69	74	0	19		0		0.0	0.00	29.87	29.99	2.6	13	4.5	17	14	15	13	07	
08	97	71	84	2	68	73	0	19		0		0.0	0.00	29.89	30.01	2.9	16	4.6	18	36	14	15	08	
09	95	72	84	2	71	75	0	19		0		0.0	0.00	29.89	30.01	5.1	16	5.9	21	13	17	12	09	
10	97	73	85	3	71	75	0	20	RA	0		0.0	T	29.89	30.01	6.2	18	6.8	24	16	18	16	10	
11	99	74	87	5	68	74	0	22		0		0.0	0.00	29.88	30.00	6.4	20	7.1	24	19	14	23	11	
12	100	72	86	4	69	75	0	21		0		0.0	0.00	29.88	30.00	5.5	21	6.4	18	18	15	18	12	
13	101	73	87	4	68	74	0	22		0		0.0	0.00	29.89	30.01	3.9	21	6.4	20	16	16	17	13	
14	102	74	88	5	67	74	0	23		0		0.0	0.00	29.85	29.96	4.3	22	5.3	16	26	13	16	14	
15	103*	77	90*	7	66	74	0	25		0		0.0	0.00	29.76	29.88	3.1	21	5.1	18	20	13	17	15	
16	102	71	87	4	68	74	0	22		0		0.0	0.00	29.76	29.88	4.5	17	6.1	20	14	16	14	16	
17	99	73	86	3	72	76	0	21		0		0.0	0.00	29.87	29.99	5.0	16	6.0	23	14	18	13	17	
18	99	75	87	4	72	77	0	22		0		0.0	0.00	29.91	30.03	4.2	17	5.9	17	15	14	16	18	
19	101	77	89	6	69	75	0	24		0		0.0	0.00	29.91	30.03	4.0	23	6.1	18	21	15	13	19	
20	102	76	89	6	68	75	0	24		0		0.0	0.00	29.84	29.96	3.9	21	6.3	20	15	18	14	20	
21	101	76	89	6	67	74	0	24		0		0.0	0.00	29.82	29.94	3.4	20	6.3	24	13	21	14	21	
22	101	76	89	6	70	75	0	24		0		0.0	0.00	29.85	29.98	3.1	23	5.7	22	15	17	17	22	
23	100	71	86	3	71	74	0	21	TS TSRA RA HZ	0		0.0	0.34	29.89	30.01	0.8	19	4.3	37*	29	30*	33	23	
24	95	69	82	-1	68	72	0	17	BR	0		0.0	0.00	29.87	29.99	1.0	12	3.5	17	19	10	23	24	
25	96	72	84	1	70	74	0	19	BR	0		0.0	0.00	29.83	29.95	4.0	15	5.3	22	15	18	13	25	
26	97	73	85	2	66	72	0	20	BR	0		0.0	0.00	29.87	29.99	4.9	15	6.2	24	11	18	12	26	
27	97	67*	82	-1	66	72	0	17	BR	0		0.0	0.00	29.89	30.02	3.0	16	4.7	24	12	20	14	27	
28	96	70	83	0	70	74	0	18	BR	0		0.0	0.00	29.85	29.97	4.1	17	5.3	23	15	20	13	28	
29	99	74	87	4	70	75	0	22		0		0.0	0.00	29.80	29.92	4.6	19	6.9	23	15	20	15	29	
30	95	74	85	2	72	75	0	20	TS RA	0		0.0	0.01	29.80	29.92	1.7	24	5.1	20	09	15	08	30	
31	93	71	82*	-1	73	74	0	17	TS TSRA RA BR	0		0.0	0.23	29.86	29.98	1.5	24	4.3	32	12	28	13	31	
MONTHLY AVERAGES										TOTALS-->				<-- MONTHLY AVERAGES										
DEPARTURE FROM NORMAL														SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.34 DATE: 23				SEA LEVEL PRESSURE DATE TIME										
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE:				MAXIMUM : 30.10 19 0753										
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE:				MINIMUM : 29.81 15 1753										
HEATING: 0 0 0 0										NUMBER OF DAYS WITH =>				PRECIPITATION ≥ 0.01 INCH : 4										
COOLING: 632 86 1914 399										MAXIMUM TEMP ≥ 90: 31				PRECIPITATION ≥ 0.10 INCH : 2										
										MAXIMUM TEMP ≤ 32 : 0				SNOWFALL ≥ 1.0 INCH : 0										
										MINIMUM TEMP ≤ 0 : 0														
										THUNDERSTORMS : 4														
										HEAVY FOG : 0														

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

JULY 2000

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												0.01	01	0.01		0.04	T									01		0.06	
02													02													02		0.00	
03													03													03		0.00	
04													04			T	T									04		T	
05													05													05		0.00	
06													06													06		0.00	
07													07													07		0.00	
08													08													08		0.00	
09													09													09		0.00	
10								T	T				10													10		T	
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			0.33	T				0.01	T				23		0.34	
24													24													24		0.00	
25													25													25		0.00	
26													26													26		0.00	
27													27													27		0.00	
28													28													28		0.00	
29													29													29		0.00	
30											0.01		30													30		0.01	
31													31	0.01	T	0.12	T	0.10	T	T	T					31		0.23	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.18	.25	.31	.32	.33	.33	.33	.33	.33	.33	.33	.33
Ending Date	23	23	23	23	23	23	23	23	23	23	23	23
Ending Time (Hour/Min)	1412	1412	1413	1413	1422	1422	1422	1422	1422	1422	1422	1422

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 1961 – 1990

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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		

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

HOUSTON, TX JULY 2000

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							2.00	10.00	
02							7.00	10.00	
03							6.00	10.00	
04							7.00	10.00	
05							8.00	10.00	
06							8.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							8.00	10.00	
10							9.00	10.00	
11							8.00	10.00	
12							9.00	10.00	
13							9.00	10.00	
14							10.00	10.00	
15							9.00	10.00	
16							10.00	10.00	
17							7.00	10.00	
18							10.00	10.00	
19							8.00	10.00	
20							8.00	10.00	
21							7.00	10.00	
22							10.00	10.00	
23							1.00	10.00	
24							2.50	10.00	
25							4.00	10.00	
26							6.00	10.00	
27							2.50	10.00	
28							2.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							2.00	10.00	
MONTHLY AVGS							7.81	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		1		25					

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JULY 2000

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: 0530				JUL 13	SUNSET: 1925				SUNRISE: 0533				JUL 19	SUNSET: 1922															
03	CLR	NC	10.00		77	73	74	88	5	23	29.89	30.01	03	BKN	250	10.00	79	76	77	90	3	23	29.90	30.03					
06	BKN	250	9.00		74	72	73	94	0	00	29.92	30.04	06	BKN	250	8.00	77	75	76	94	3	24	29.94	30.06					
09	BKN	250	10.00		83	72	75	70	9	28	29.95	30.07	09	SCT	NC	10.00	85	74	77	70	8	25	29.97	30.09					
12	BKN	250	10.00		94	64	74	37	7	VR	29.92	30.04	12	SCT	NC	10.00	94	68	76	43	9	26	29.95	30.07					
15	BKN	250	10.00		99	59	73	27	6	VR	29.85	29.98	15	BKN	250	10.00	100	62	74	29	7	29	29.87	29.99					
18	BKN	250	10.00		97	58	72	27	8	15	29.81	29.93	18	BKN	250	10.00	99	62	74	30	7	16	29.83	29.96					
21	FEW	NC	10.00		85	69	74	59	8	18	29.85	29.97	21	CLR	NC	10.00	88	62	71	42	0	00	29.88	30.00					
24	FEW	NC	10.00		80	70	73	71	7	24	29.87	30.00	24	FEW	NC	10.00	82	71	75	69	3	22	29.90	30.02					
SUNRISE: 0530				JUL 14	SUNSET: 1924				SUNRISE: 0534				JUL 20	SUNSET: 1922															
03	FEW	NC	10.00		77	73	74	88	3	25	29.87	29.99	03	CLR	NC	10.00	78	74	75	87	6	24	29.87	29.99					
06	SCT	NC	10.00		74	72	73	94	0	00	29.89	30.01	06	BKN	250	8.00	76	74	75	94	0	00	29.88	30.00					
09	BKN	250	10.00		86	67	73	53	10	25	29.91	30.03	09	SCT	NC	10.00	84	73	76	70	10	23	29.89	30.01					
12	SCT	NC	10.00		96	63	74	34	7	23	29.89	30.01	12	BKN	250	10.00	95	66	75	39	3	VR	29.87	29.99					
15	BKN	250	10.00		101	62	75	28	8	25	29.81	29.93	15	BKN	250	10.00	102	59	74	24	6	VR	29.81	29.93					
18	SCT	NC	10.00		99	62	74	30	8	17	29.75	29.88	18	SCT	NC	10.00	99	62	74	30	10	14	29.76	29.88					
21	FEW	NC	10.00		89	71	77	55	6	19	29.79	29.91	21	FEW	NC	10.00	88	64	72	45	7	18	29.80	29.92					
24	FEW	NC	10.00		84	66	72	55	5	25	29.81	29.93	24	FEW	NC	10.00	82	68	73	63	5	21	29.81	29.93					
SUNRISE: 0531				JUL 15	SUNSET: 1924				SUNRISE: 0534				JUL 21	SUNSET: 1922															
03	SCT	NC	10.00		78	71	73	79	0	00	29.79	29.92	03	CLR	NC	10.00	78	73	75	85	0	00	29.80	29.92					
06	SCT	NC	9.00		77	71	73	82	0	00	29.81	29.93	06	SCT	NC	7.00	77	74	75	90	7	23	29.84	29.96					
09	SCT	NC	10.00		87	66	73	50	10	26	29.83	29.95	09	BKN	250	10.00	85	69	74	59	8	26	29.86	29.98					
12	FEW	NC	10.00		97	62	74	32	6	VR	29.78	29.90	12	BKN	250	10.00	96	62	73	32	8	36	29.84	29.96					
15	SCT	NC	10.00		102	63	75	28	8	15	29.71	29.83	15	BKN	250	10.00	99	60	73	28	9	16	29.79	29.91					
18	BKN	100	10.00		99	62	74	30	5	17	29.68	29.81	18	BKN	250	10.00	98	58	72	26	8	14	29.75	29.88					
21	SCT	NC	10.00		90	69	76	50	5	21	29.71	29.83	21	SCT	NC	10.00	87	67	74	51	5	18	29.81	29.93					
24	FEW	NC	10.00		81	61	68	51	0	00	29.73	29.85	24	FEW	NC	10.00	81	69	73	67	3	19	29.82	29.95					
SUNRISE: 0531				JUL 16	SUNSET: 1924				SUNRISE: 0535				JUL 22	SUNSET: 1921															
03	FEW	NC	10.00		73	67	69	81	0	00	29.72	29.85	03	FEW	NC	10.00	78	74	75	87	3	VR	29.83	29.95					
06	FEW	NC	10.00		72	71	71	97	0	00	29.76	29.88	06	OVC	015	10.00	76	74	75	94	0	00	29.87	29.99					
09	FEW	NC	10.00		85	72	76	65	7	VR	29.79	29.91	09	SCT	NC	10.00	85	73	77	68	9	26	29.90	30.02					
12	SCT	NC	10.00		95	67	76	40	7	VR	29.78	29.91	12	SCT	NC	10.00	93	67	75	42	8	33	29.89	30.01					
15	SCT	NC	10.00		102	62	75	27	8	21	29.74	29.86	15	BKN	250	10.00	98	64	75	33	8	19	29.82	29.95					
18	SCT	NC	10.00		96	71	78	44	14	13	29.73	29.85	18	BKN	250	10.00	97	64	75	34	7	17	29.80	29.93					
21	FEW	NC	10.00		85	69	74	59	8	17	29.77	29.90	21	SCT	NC	10.00	86	69	74	57	8	19	29.85	29.98					
24	SCT	NC	10.00		80	72	75	76	3	21	29.82	29.94	24	CLR	NC	10.00	82	73	76	74	0	00	29.88	30.00					
SUNRISE: 0532				JUL 17	SUNSET: 1923				SUNRISE: 0535				JUL 23	SUNSET: 1921															
03	FEW	NC	10.00		75	73	74	94	0	00	29.84	29.96	03	FEW	NC	10.00	79	75	76	88	6	VR	29.87	30.00					
06	BKN	250	9.00		75	74	74	96	0	00	29.86	29.99	06	FEW	NC	10.00	77	75	76	94	0	00	29.90	30.03					
09	BKN	022	10.00		85	74	77	70	6	VR	29.90	30.02	09	SCT	NC	10.00	87	73	77	63	7	VR	29.92	30.05					
12	BKN	250	10.00		93	72	78	50	9	15	29.90	30.02	12	BKN	250	10.00	95	67	76	40	7	VR	29.89	30.01					
15	BKN	250	10.00		97	69	77	40	6	VR	29.85	29.97	15	OVC	060	7.00	79	70	73	74	7	23	29.84	29.96					
18	SCT	NC	10.00		95	67	76	40	10	16	29.83	29.96	18	OVC	250	10.00	76	71	73	85	9	11	29.86	29.98					
21	SCT	NC	10.00		84	72	76	67	8	16	29.88	30.00	21	BKN	250	10.00	73	71	72	94	3	VR	29.88	30.00					
24	FEW	NC	10.00		80	73	75	79	3	17	29.90	30.02	24	SCT	NC	10.00	71	70	70	96	0	00	29.89	30.01					
SUNRISE: 0532				JUL 18	SUNSET: 1923				SUNRISE: 0536				JUL 24	SUNSET: 1920															
03	FEW	NC	10.00		79	75	76	88	3	VR	29.89	30.01	03	SCT	NC	10.00	70	70	70	100	3	03	29.89	30.01					
06	BKN	250	10.00		76	74	75	94	0	00	29.93	30.06	06	SCT	NC	6.00	70	69	69	97	3	VR	29.91	30.03					
09	BKN	250	10.00		87	75	79	67	7	VR	29.97	30.09	09	BKN	060	10.00	78	67	71	69	7	14	29.93	30.06					
12	SCT	NC	10.00		91	71	77	52	8	24	29.95	30.07	12	SCT	NC	10.00	87	69	75	55	5	16	29.91	30.03					
15	BKN	140	10.00		97	68	77	39	7	VR	29.87	29.99	15	SCT	NC	10.00	91	66	74	44	0	00	29.83	29.95					
18	SCT	NC	10.00		95	71	78	46	13	16	29.86	29.98	18	BKN	250	10.00	92	64	73	40	7	18	29.79	29.91					
21	SCT	NC	10.00		86	72	76	63	6	16	29.90	30.02	21	SCT	NC	10.00	80	59	67	49	5	VR	29.83	29.95					
24	SCT	NC	10.00		82	73	76	74	6	19	29.92	30.04	24	FEW	NC	9.00	78	72	74	82	0	00	29.85	29.97					

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

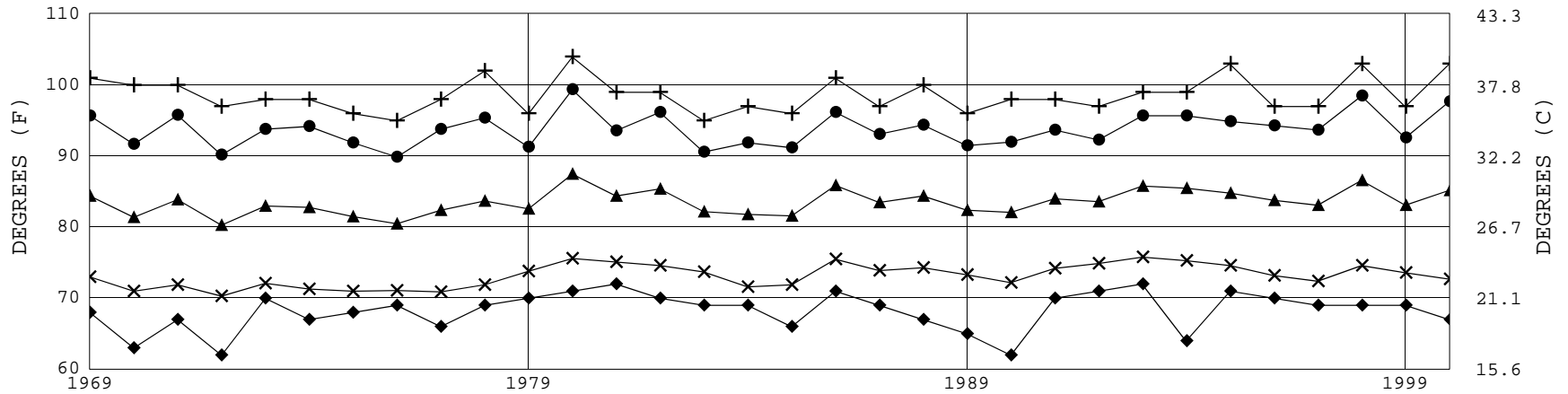
JULY 2000

IAH

WBAN # 12960

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)													
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okltas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER		CEILING	OBSERVATION TIME (LST)		EFF CLD AMT Okltas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL										
SUNRISE: 0537							JUL 25							SUNSET: 1919							SUNRISE: 0540							JUL 31							SUNSET: 1916						
03	SCT	NC			9.00		73	72	72	96	0	00	29.83	29.95	03	FEW	NC			10.00		77	74	75	90	0	00	29.83	29.95												
06	BKN	140			6.00	BR	73	71	72	94	0	00	29.85	29.97	06	BKN	250			10.00		78	76	77	93	3	VR	29.84	29.96												
09	SCT	NC			10.00		84	72	76	67	0	00	29.88	30.00	09	BKN	022			10.00		86	74	78	67	8	25	29.87	29.99												
12	SCT	NC			10.00		91	67	75	45	6	VR	29.86	29.98	12	BKN	100			10.00		92	71	77	51	3	VR	29.84	29.96												
15	BKN	250			10.00		95	63	74	35	0	00	29.78	29.90	15	OVC	090			8.00	-RA	72	69	70	91	7	18	29.85	29.97												
18	SCT	NC			10.00		89	69	75	52	15	13	29.76	29.89	18	OVC	120			7.00		73	71	72	94	3	22	29.84	29.97												
21	OVC	080			10.00		83	70	74	65	9	16	29.81	29.93	21	BKN	250			7.00		73	72	72	96	3	31	29.86	29.99												
24	BKN	250			10.00		80	71	74	74	7	16	29.82	29.94	24	OVC	250			7.00		71	71	71	100	3	34	29.89	30.01												
SUNRISE: 0537							JUL 26							SUNSET: 1919							3-HOURLY OBSERVATION NOTES																				
03	BKN	065			9.00		77	71	73	82	3	17	29.83	29.96	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.																										
06	OVC	070			7.00		75	71	72	88	0	00	29.88	30.00	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																										
09	BKN	250			10.00		85	71	75	63	7	22	29.91	30.04	NC= No ceiling detected.																										
12	SCT	NC			10.00		90	61	71	38	7	21	29.90	30.02	& = Original observation contained additional weather elements.																										
15	FEW	NC			10.00		95	57	71	28	10	15	29.84	29.96	See page 3 for additional notes.																										
18	FEW	NC			10.00		91	62	72	38	14	11	29.83	29.95																											
21	CLR	NC			10.00		80	66	71	62	9	16	29.86	29.99																											
24	SCT	NC			8.00		73	67	69	81	0	00	29.87	30.00																											
SUNRISE: 0538							JUL 27							SUNSET: 1918																											
03	CLR	NC			6.00	BR	69	66	67	90	0	00	29.88	30.00																											
06	FEW	NC			4.00	BR	70	67	68	90	0	00	29.91	30.03																											
09	SCT	NC			10.00		83	70	74	65	7	VR	29.94	30.06																											
12	SCT	NC			10.00		92	56	69	30	5	VR	29.91	30.03																											
15	BKN	250			10.00		96	58	71	28	7	VR	29.87	29.99																											
18	SCT	NC			10.00		90	69	76	50	12	15	29.84	29.97																											
21	SCT	NC			10.00		83	71	75	67	7	17	29.88	30.01																											
24	FEW	NC			10.00		79	73	75	82	3	20	29.89	30.02																											
SUNRISE: 0538							JUL 28							SUNSET: 1918																											
03	CLR	NC			10.00		73	72	72	96	0	00	29.86	29.98																											
06	SCT	NC			7.00		74	73	73	97	0	00	29.89	30.01																											
09	SCT	NC			10.00		83	72	75	70	6	24	29.91	30.03																											
12	SCT	NC			10.00		92	64	73	40	6	17	29.88	30.00																											
15	BKN	250			10.00		93	67	75	42	14	13	29.83	29.95																											
18	BKN	250			10.00		90	67	74	47	13	18	29.80	29.92																											
21	SCT	NC			10.00		83	69	74	63	6	18	29.80	29.92																											
24	CLR	NC			10.00		79	73	75	82	6	17	29.83	29.95																											
SUNRISE: 0539							JUL 29							SUNSET: 1917																											
03	CLR	NC			10.00		75	72	73	90	3	17	29.81	29.93																											
06	FEW	NC			10.00		75	73	74	94	5	17	29.82	29.94																											
09	SCT	NC			10.00		85	72	76	65	8	22	29.84	29.97																											
12	SCT	NC			10.00		91	66	74	44	8	28	29.83	29.95																											
15	SCT	NC			10.00		98	61	73	29	12	21	29.75	29.87																											
18	BKN	250			10.00		90	69	76	50	10	16	29.73	29.85																											
21	FEW	NC			10.00		84	67	73	57	7	18	29.76	29.88																											
24	FEW	NC			10.00		80	73	75	79	5	VR	29.79	29.91																											
SUNRISE: 0540							JUL 30							SUNSET: 1916																											
03	CLR	NC			10.00		77	73	74	88	5	23	29.78	29.91																											
06	BKN	020			10.00		75	73	74	94	0	00	29.82	29.94																											
09	BKN	022			10.00		83	73	76	72	8	26	29.85	29.97																											
12	BKN	250			10.00		93	68	76	44	8	25	29.81	29.93																											
15	OVC	090			10.00	TS	91	71	77	52	9	16	29.75	29.88																											
18	OVC	250			10.00		87	71	76	59	7	15	29.74	29.86																											
21	BKN	250			10.00		83	71	75	67	5	17	29.79	29.91																											
24	BKN	250			10.00		80	73	75	79	5	21	29.84	29.96																											

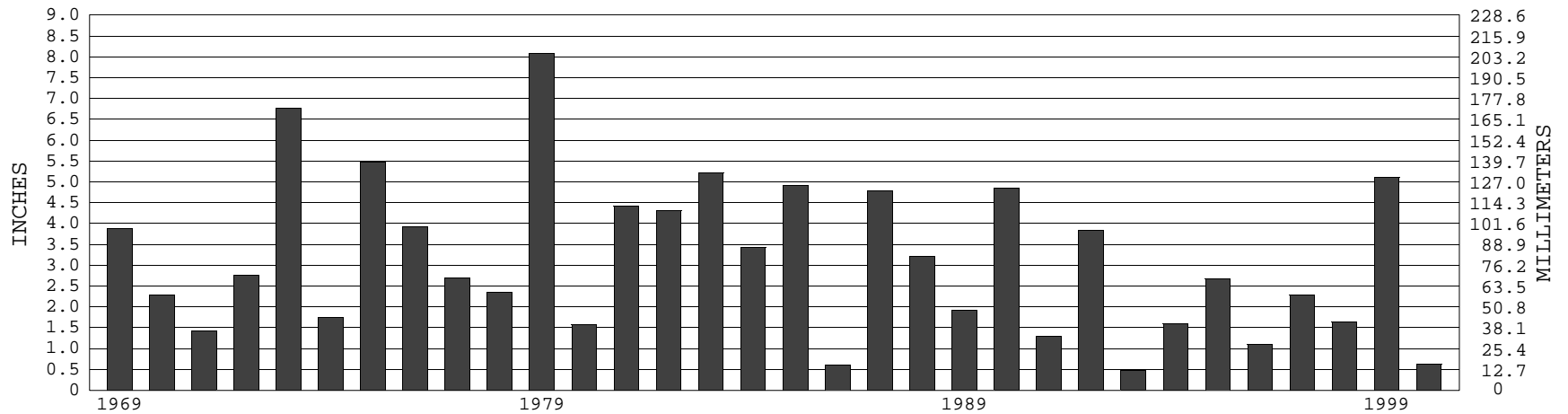
HOUSTON, TX JULY TEMPERATURES



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

Long-Term (1969-2000) Mean: 83.5 1961-1990 Normal: 82.6

HOUSTON, TX JULY PRECIPITATION



Long-Term (1969-2000) Mean Monthly Total: 3.17

1961-1990 Normal: 3.60



**JULY 2000
HOUSTON, TX**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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