JUNE 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

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
										0600 LST	1200 LST	2400 LST	2400 LST						MAXIMUM 5−SEC		MAXIMUM 2−MIN		
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		DEPTH	WATER EQUIV	SNOW−FALL	WATER EQUIV	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	SPEED	DIR	SPEED	DIR	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	91	69	80	2	71	74	0	15	BR	0		0.0	0.00	29.92	30.04	5.8	14	6.1	20	13	17	13	01
02	92	68	80	2	72	74	0	15	MIFG	0		0.0	0.00	29.97	30.09	4.5	14	5.4	18	14	16	13	02
03	92	74	83	5	73	76	0	18	TS TSRA RA	0		0.0	0.01	29.92	30.04	3.0	17	4.6	22	19	18	15	03
04	86	74	80	1	74	76	0	15	TS RA BR	0		0.0	0.15	29.81	29.93	3.0	17	4.9	17	11	14	11	04
05	81	69	75	−4	72	73	0	10	RA BR	0		0.0	0.31	29.86	29.99	1.8	30	4.3	25	29	13	16	05
06	85	67	76	−3	66	69	0	11	BR	0		0.0	0.00	29.97	30.09	4.0	05	6.3	46	36	14	07	06
07	85	61*	73*	−6	63	67	0	8		0		0.0	0.00	29.96	30.09	4.6	07	6.4	17	06	13	10	07
08	86	68	77	−2	70	72	0	12	BR	0		0.0	0.00	29.87	30.00	7.3	10	8.5	23	11	18	12	08
09	85	71	78	−2	74	75	0	13	TS TSRA RA BR	0		0.0	0.77	29.85	29.97	8.2	12	9.2	66*	15	24	14	09
10	88	72	80	0	74	76	0	15	TSRA RA BR	0		0.0	0.15	29.85	29.98	9.5	13	9.7	29	14	23	13	10
11	87	73	80	0	75	76	0	15	TS TSRA RA BR	0		0.0	0.45	29.92	30.04	7.7	13	8.3	29	17	22	18	11
12	91	72	82	2	73	75	0	17		0		0.0	0.00	29.95	30.07	5.4	12	5.8	18	16	15	16	12
13	90	68	79	−1	71	74	0	14	TSRA RA BR	0		0.0	0.02	29.87	29.99	5.6	17	5.9	22	15	18	15	13
14	90	75	83	3	72	75	0	18	TS RA	0		0.0	0.02	29.82	29.94	7.5	17	8.0	23	16	16	15	14
15	92	73	83	2	71	75	0	18		0		0.0	0.00	29.73	29.85	6.4	18	7.0	23	15	18	16	15
16	91	74	83	2	73	76	0	18	RA	0		0.0	T	29.69	29.81	9.5	16	10.0	25	15	20	14	16
17	89	71	80	−1	74	75	0	15	TSRA RA FG BR	0		0.0	1.15	29.83	29.95	5.8	14	7.5	33	18	26*	21	17
18	90	73	82	1	74	76	0	17	TSRA RA VCTS	0		0.0	0.02	29.94	30.07	5.7	12	6.8	31	13	20	15	18
19	89	75	82	1	75	77	0	17	TS TSRA RA BR	0		0.0	0.24	29.93	30.06	7.2	16	7.3	24	15	18	15	19
20	93	77	85	4	74	77	0	20	TS RA	0		0.0	T	29.88	30.00	7.3	18	8.0	22	15	18	15	20
21	92	77	85	4	73	76	0	20		0		0.0	0.00	29.88	30.00	5.7	18	6.7	20	18	14	17	21
22	93	75	84	3	72	76	0	19		0		0.0	0.00	29.91	30.03	5.3	18	6.8	18	15	15	15	22
23	94	75	85	4	71	75	0	20	BR	0		0.0	0.00	29.89	30.01	3.6	17	5.2	17	16	14	16	23
24	94	74	84	2	71	75	0	19		0		0.0	0.00	29.86	29.98	6.5	17	7.4	21	15	16	15	24
25	93	73	83	1	73	76	0	18		0		0.0	0.00	29.86	29.98	5.8	16	7.0	21	15	17	15	25
26	95	74	85	3	72	75	0	20	TSRA RA	0		0.0	T	29.86	29.99	2.8	19	4.2	26	19	20	16	26
27	94	73	84	2	72	75	0	19	RA BR	0		0.0	T	29.89	30.01	1.5	19	2.9	16	19	13	18	27
28	95	75	85	3	72	75	0	20		0		0.0	0.00	29.87	29.99	1.7	18	4.0	22	02	14	14	28
29	93	74	84	2	71	75	0	19	TS RA	0		0.0	T	29.87	29.99	0.1	19	5.6	17	36	15	08	29
30	95*	74	85*	3	72	76	0	20		0		0.0	0.00	29.85	29.98	3.2	17	4.9	20	14	16	15	30
	90.4	72.3	81.4		72.0	74.7	0.0	16.5	< MONTHLY AVERAGES	TOTALS−>		0.0	3.29	29.88	30.00	2.1	15	6.5	<− MONTHLY AVERAGES				
	0.3	1.7	1.0		<−−−−−−−−−−−−− DEPARTURE FROM NORMAL −−−−−−−−−−−−−>								−1.67	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

JUNE 2000
HOUSTON, TX

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING:	0	0	1092	−507
COOLING:	495	33	1282	313

GREATEST 24−HR PRECIPITATION: 1.15 DATE :17
GREATEST 24−HR SNOWFALL: 0.0 DATE :
GREATEST SNOW DEPTH: 0 DATE :

	SEA LEVEL PRESSURE	DATE	TIME
MAXIMUM :	30.14	07	0553
MINIMUM :	29.75	15	1653

NUMBER OF DAYS WITH →

MAXIMUM TEMP ≥ 90:	20	MINIMUM TEMP ≤ 32 :	0
MAXIMUM TEMP ≤ 32 :	0	MINIMUM TEMP ≤ 0 :	0
THUNDERSTORMS :	13	HEAVY FOG :	0
PRECIPITATION ≥ 0.01 INCH :	11		
PRECIPITATION ≥ 0.10 INCH :	7		
SNOWFALL ≥ 1.0 INCH :	0		

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

JUNE 2000 IAH WBAN # 12960

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST Water Equiv.
	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													01													01		0.00
02													02													02		0.00
03											T		03				0.01	T	T	T						03		0.01
04		T	T								0.01	0.08	04	T	0.01	T	T	0.04	T	0.01						04		0.15
05		0.04	T	0.16	0.08						0.03		05													05		0.31
06													06													06		0.00
07													07													07		0.00
08													08													08		0.00
09						0.01				T	0.32	T	09	T	0.03				0.01	0.01	0.25	0.10	0.04			09		0.77
10			T		0.14	0.01							10	T												10		0.15
11												T	11	0.44	0.01											11		0.45
12													12													12		0.00
13													13	T	0.02											13		0.02
14													14		0.02											14		0.02
15													15													15		0.00
16										T		T	16			T							T			16		T
17										0.06		T	17	0.74	0.35	T										17		1.15
18								T		0.01	0.01		18											T		18		0.02
19											T		19	0.23		T	T								19	0.23	0.24
20													20				T	T								20		T
21													21													21		0.00
22													22													22		0.00
23													23													23		0.00
24													24													24		0.00
25													25													25		0.00
26													26				T									26		T
27				T									27								T					27		T
28													28													28		0.00
29													29										T			29		T
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)	.24	.37	.49	.59	.69	1.01	1.08	1.09	1.09	1.09	1.09	1.09
Ending Date	17	17	17	17	17	17	17	17	17	17	17	17
Ending Time (Hour/Min)	1227	1255	1259	1304	1252	1306	1320	1327	1327	1327	1327	1327

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 occurence 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		
DESCRIPTOR	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 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
			SR−SS		MN−MN				
	TOTAL MINUTES	PERCENT POSSIBLE	CEILOMETER	SATELLITE	CEILOMETER	SATELLITE	MINIMUM	MAXIMUM	
01							5.00	10.00	
02							2.50	10.00	
03							4.00	10.00	
04							6.00	10.00	
05							6.00	10.00	
06							5.00	10.00	
07							8.00	10.00	
08							3.00	10.00	
09							1.50	10.00	
10							4.00	10.00	
11							2.00	10.00	
12							7.00	10.00	
13							1.75	10.00	
14							10.00	10.00	
15							9.00	10.00	
16							10.00	10.00	
17							.50	10.00	
18							8.00	10.00	
19							4.00	10.00	
20							8.00	10.00	
21							8.00	10.00	
22							9.00	10.00	
23							5.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							2.50	10.00	
28							8.00	10.00	
29							8.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							7.18	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	3	20

OBSERVATIONS AT 3−HOURLY INTERVALS

HOUSTON, TX

JUNE 2000 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE OBSERVATION TIME (LST)	SATELLITE EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION TENS OF DEG	PRESSURE (INCHES,HG) STATION	PRESSURE (INCHES,HG) SEA LEVEL
					SUNRISE: 0521	**JUN 01**			**SUNSET: 1918**					
03	SCT	NC			10.00		70	69	69	97	0	00	29.88	30.00
06	SCT	NC			10.00		73	70	71	90	0	00	29.91	30.03
09	SCT	NC			10.00		84	71	75	65	9	14	29.95	30.07
12	SCT	NC			10.00		89	70	76	53	9	14	29.95	30.07
15	BKN	250			10.00		88	72	77	59	15	12	29.92	30.04
18	BKN	250			10.00		85	72	76	65	12	12	29.89	30.01
21	FEW	NC			10.00		78	69	72	74	3	19	29.93	30.05
24	FEW	NC			10.00		74	72	73	94	3	16	29.96	30.08
					SUNRISE: 0521	**JUN 02**			**SUNSET: 1918**					
03	CLR	NC			10.00		70	70	70	100	0	00	29.95	30.08
06	SCT	NC			10.00	MIFG	69	68	68	96	3	01	29.99	30.11
09	SCT	NC			10.00		83	72	75	70	3	14	30.01	30.13
12	BKN	250			10.00		87	69	75	55	10	15	29.99	30.11
15	BKN	050			10.00		92	72	78	52	12	11	29.94	30.06
18	SCT	NC			10.00		86	74	78	67	14	14	29.91	30.04
21	BKN	110			10.00		81	74	76	79	6	16	29.96	30.09
24	OVC	110			10.00		80	75	77	85	3	18	29.98	30.10
					SUNRISE: 0521	**JUN 03**			**SUNSET: 1919**					
03	BKN	110			10.00		78	75	76	90	0	00	29.95	30.07
06	BKN	110			10.00		76	74	75	94	0	00	29.97	30.09
09	BKN	023			10.00		84	73	76	70	3	VR	29.98	30.10
12	SCT	NC			10.00		90	71	77	54	3	13	29.95	30.07
15	BKN	055			10.00		88	72	77	59	8	14	29.86	29.98
18	SCT	NC			10.00	-RA	80	75	77	85	8	30	29.83	29.95
21	SCT	NC			10.00		80	73	75	79	7	16	29.88	30.00
24	CLR	NC			10.00		77	73	74	88	5	18	29.86	29.99
					SUNRISE: 0520	**JUN 04**			**SUNSET: 1919**					
03	BKN	250			10.00		75	73	74	94	3	VR	29.82	29.94
06	OVC	100			10.00		77	73	74	88	5	VR	29.82	29.95
09	OVC	100			10.00		81	75	77	82	5	20	29.85	29.97
12	OVC	090			7.00	RA	81	75	77	82	5	VR	29.84	29.97
15	BKN	100			10.00	-RA	85	75	78	72	6	15	29.78	29.91
18	OVC	130			10.00		81	74	76	79	0	00	29.74	29.87
21	BKN	250			10.00		79	71	74	77	5	18	29.78	29.91
24	BKN	110			10.00		78	73	75	85	3	22	29.81	29.94
					SUNRISE: 0520	**JUN 05**			**SUNSET: 1920**					
03	OVC	110			10.00		74	72	73	94	6	20	29.83	29.95
06	OVC	100			10.00		71	70	70	96	0	00	29.83	29.96
09	OVC	015			10.00		77	72	74	85	6	28	29.87	30.00
12	OVC	024			10.00		77	72	74	85	3	VR	29.89	30.01
15	OVC	120			10.00		80	72	75	76	6	34	29.87	29.99
18	BKN	130			10.00		80	72	75	76	3	36	29.85	29.97
21	SCT	NC			10.00		74	71	72	91	0	00	29.88	30.00
24	SCT	NC			10.00		70	69	69	97	0	00	29.91	30.03
					SUNRISE: 0520	**JUN 06**			**SUNSET: 1920**					
03	CLR	NC			10.00		68	68	68	100	0	00	29.93	30.05
06	BKN	019			5.00	BR	69	67	68	93	7	VR	29.97	30.10
09	SCT	NC			10.00		77	66	70	69	12	08	30.01	30.14
12	BKN	032			10.00		81	67	72	62	9	05	29.99	30.11
15	SCT	NC			10.00		85	67	73	55	9	02	29.95	30.07
18	SCT	NC			10.00		82	64	70	55	10	06	29.93	30.06
21	FEW	NC			10.00		71	63	66	76	3	04	29.96	30.08
24	CLR	NC			10.00		67	60	63	79	6	03	30.00	30.12
					SUNRISE: 0520	**JUN 07**			**SUNSET: 1921**					
03	CLR	NC			10.00		63	59	61	87	6	05	30.00	30.12
06	SCT	NC			9.00		62	58	60	86	8	06	30.02	30.14
09	SCT	NC			10.00		74	60	65	62	7	02	30.00	30.13
12	SCT	NC			10.00		81	57	66	44	5	VR	29.98	30.10
15	SCT	NC			10.00		85	63	71	48	8	09	29.93	30.06
18	OVC	055			10.00		82	66	71	58	9	10	29.90	30.03
21	SCT	NC			10.00		76	68	71	77	9	11	29.92	30.04
24	SCT	NC			10.00		72	70	71	94	6	VR	29.91	30.03
					SUNRISE: 0520	**JUN 08**			**SUNSET: 1921**					
03	BKN	250			8.00		69	69	69	100	7	02	29.88	30.01
06	BKN	250			3.00	BR	69	68	68	96	5	04	29.89	30.02
09	OVC	250			8.00		77	68	71	74	8	08	29.93	30.05
12	OVC	130			10.00		85	69	74	59	12	10	29.89	30.01
15	OVC	250			10.00		83	65	71	55	12	12	29.86	29.98
18	OVC	130			10.00		81	72	75	74	12	12	29.83	29.95
21	BKN	075			10.00		79	74	75	85	10	10	29.84	29.97
24	OVC	130			10.00		76	75	75	97	5	12	29.84	29.96
					SUNRISE: 0520	**JUN 09**			**SUNSET: 1921**					
03	BKN	130			10.00		76	75	75	97	3	09	29.82	29.94
06	BKN	045			10.00	TS	75	73	74	94	8	13	29.84	29.97
09	OVC	024			10.00		82	76	78	82	12	14	29.86	29.98
12	OVC	120			10.00		80	76	77	87	10	12	29.87	29.99
15	OVC	250			10.00		83	75	77	77	14	13	29.82	29.94
18	OVC	035			6.00	-RA BR	75	73	74	94	3	17	29.82	29.94
21	OVC	029			6.00	-TSRA BR	72	71	71	97	10	10	29.87	29.99
24	OVC	250			9.00		73	72	72	96	6	11	29.85	29.97
					SUNRISE: 0520	**JUN 10**			**SUNSET: 1922**					
03	BKN	250			7.00		74	73	73	97	3	07	29.82	29.95
06	OVC	120			8.00		74	72	73	94	3	13	29.84	29.96
09	OVC	110			10.00		82	76	78	82	10	14	29.88	30.00
12	OVC	120			10.00		85	75	78	72	14	13	29.87	30.00
15	OVC	060			10.00		85	73	77	68	22	13	29.84	29.96
18	BKN	130			10.00		83	76	78	79	12	11	29.83	29.96
21	OVC	130			10.00		79	75	76	88	7	12	29.87	29.99
24	OVC	250			10.00		77	75	76	94	5	11	29.88	30.01
					SUNRISE: 0520	**JUN 11**			**SUNSET: 1922**					
03	OVC	130			9.00		77	76	76	96	6	12	29.85	29.97
06	BKN	130			10.00		76	74	75	94	3	14	29.89	30.01
09	BKN	130			10.00		86	73	77	65	18	14	29.93	30.05
12	OVC	130			10.00	TS	82	75	77	79	10	13	29.94	30.06
15	OVC	250			10.00		84	75	78	74	16	12	29.91	30.03
18	BKN	130			10.00		82	75	77	79	9	11	29.92	30.04
21	BKN	130			10.00		78	74	75	87	6	13	29.95	30.07
24	SCT	NC			10.00		75	74	74	96	6	13	29.96	30.08
					SUNRISE: 0520	**JUN 12**			**SUNSET: 1923**					
03	BKN	130			10.00		73	72	72	96	0	00	29.94	30.06
06	BKN	130			7.00		74	73	73	97	3	10	29.97	30.09
09	BKN	250			10.00		83	74	77	74	8	12	30.00	30.13
12	BKN	250			10.00		88	72	77	59	7	08	29.99	30.11
15	BKN	070			10.00		88	73	77	61	9	16	29.94	30.06
18	SCT	NC			10.00		86	72	76	63	10	13	29.90	30.02
21	SCT	NC			10.00		78	74	75	87	7	15	29.91	30.03
24	CLR	NC			10.00		73	72	72	96	0	00	29.91	30.03

OBSERVATIONS AT 3−HOURLY INTERVALS

HOUSTON, TX

JUNE 2000 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0520		**JUN 13**			**SUNSET: 1923**				
03	FEW	NC			10.00		70	70	70	100	0	00	29.90	30.02
06	SCT	NC			8.00		70	70	70	100	0	00	29.91	30.03
09	SCT	NC			10.00		83	73	76	72	8	15	29.93	30.05
12	BKN	060			10.00		89	73	78	59	6	15	29.88	30.01
15	SCT	NC			10.00		89	69	75	52	9	19	29.83	29.96
18	BKN	250			10.00		86	68	74	55	10	16	29.80	29.92
21	BKN	250			10.00		79	72	74	79	10	16	29.82	29.94
24	BKN	250			10.00		77	74	75	90	6	16	29.83	29.96
					SUNRISE: 0520		**JUN 14**			**SUNSET: 1923**				
03	CLR	NC			10.00		75	73	74	94	7	16	29.80	29.92
06	BKN	250			10.00		77	72	74	85	6	16	29.82	29.94
09	BKN	250			10.00		84	71	75	65	10	18	29.85	29.97
12	BKN	250			10.00	TS	88	71	76	57	16	15	29.84	29.97
15	OVC	250			10.00		88	71	76	57	8	19	29.79	29.91
18	BKN	250			10.00		84	71	75	65	8	16	29.78	29.90
21	SCT	NC			10.00		80	72	75	76	9	16	29.81	29.93
24	CLR	NC			10.00		76	72	73	88	3	17	29.81	29.93
					SUNRISE: 0520		**JUN 15**			**SUNSET: 1924**				
03	SCT	NC			10.00		75	72	73	90	3	16	29.77	29.89
06	SCT	NC			9.00		74	72	73	94	0	00	29.80	29.93
09	BKN	250			10.00		82	73	76	74	6	20	29.79	29.91
12	BKN	250			10.00		87	70	75	57	7	VR	29.73	29.85
15	BKN	250			10.00		92	69	76	47	8	21	29.66	29.79
18	BKN	250			10.00		86	71	76	61	10	16	29.64	29.76
21	SCT	NC			10.00		79	71	74	77	10	16	29.66	29.78
24	SCT	NC			10.00		78	73	75	85	7	17	29.68	29.80
					SUNRISE: 0520		**JUN 16**			**SUNSET: 1924**				
03	FEW	NC			10.00		76	73	74	91	6	16	29.65	29.77
06	SCT	NC			10.00		75	73	74	94	3	16	29.66	29.78
09	SCT	NC			10.00		85	74	77	70	10	17	29.69	29.81
12	BKN	041			10.00		90	72	77	56	16	17	29.67	29.79
15	SCT	NC			10.00		89	72	77	57	15	16	29.66	29.78
18	BKN	250			10.00		88	71	76	57	14	15	29.66	29.78
21	SCT	NC			10.00		81	75	77	82	10	14	29.73	29.85
24	FEW	NC			10.00		79	74	75	85	9	16	29.77	29.90
					SUNRISE: 0520		**JUN 17**			**SUNSET: 1924**				
03	FEW	NC			10.00		79	74	75	85	5	16	29.77	29.89
06	BKN	250			9.00		77	74	75	90	5	15	29.78	29.90
09	BKN	024			10.00		85	75	78	72	13	14	29.82	29.94
12	OVC	035			10.00	−RA	83	75	77	77	16	09	29.83	29.95
15	OVC	080			10.00		76	74	75	94	5	03	29.84	29.96
18	OVC	130			10.00		80	75	77	85	8	14	29.84	29.96
21	BKN	130			10.00		77	73	74	88	9	15	29.90	30.02
24	BKN	250			10.00		74	72	73	94	0	00	29.90	30.03
					SUNRISE: 0521		**JUN 18**			**SUNSET: 1925**				
03	BKN	130			10.00		73	72	72	96	0	00	29.90	30.02
06	OVC	110			10.00		73	72	72	96	3	03	29.95	30.08
09	OVC	120			10.00		78	75	76	90	0	00	29.98	30.11
12	OVC	120			10.00		81	73	75	77	6	VR	29.98	30.10
15	BKN	120			10.00		89	77	80	68	9	10	29.92	30.04
18	BKN	028			10.00		85	75	78	73	13	14	29.91	30.04
21	BKN	070			10.00		81	76	77	85	10	11	29.96	30.08
24	BKN	018			8.00		79	77	78	94	5	13	29.97	

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0521		**JUN 19**			**SUNSET: 1925**				
03	CLR	NC			4.00	BR	76	76	76	100	0	00	29.94	30.06
06	BKN	250			6.00	BR	77	76	76	96	0	00	29.96	30.08
09	BKN	250			10.00		86	76	79	72	12	16	29.97	30.09
12	BKN	250			9.00	−TSRA	86	74	78	67	8	14	29.95	30.07
15	BKN	250			10.00	−RA	87	75	78	67	12	16	29.91	30.03
18	BKN	250			10.00		85	74	77	70	9	16	29.89	30.01
21	SCT	NC			10.00		81	75	77	82	10	17	29.91	30.03
24	BKN	250			10.00		79	75	76	88	6	16	29.92	30.04
					SUNRISE: 0521		**JUN 20**			**SUNSET: 1925**				
03	BKN	250			10.00		78	75	76	90	8	17	29.88	30.00
06	BKN	250			8.00		77	75	76	94	5	15	29.91	30.03
09	BKN	026			10.00		84	75	78	74	8	21	29.92	30.05
12	BKN	250			10.00		90	74	79	59	10	18	29.90	30.02
15	BKN	250			10.00		89	72	77	57	10	18	29.85	29.98
18	BKN	250			10.00		87	72	77	61	12	17	29.83	29.96
21	SCT	NC			10.00		81	73	75	77	10	17	29.85	29.97
24	SCT	NC			10.00		78	75	76	90	7	16	29.87	29.99
					SUNRISE: 0521		**JUN 21**			**SUNSET: 1925**				
03	SCT	NC			10.00		78	75	76	90	8	17	29.87	29.99
06	SCT	NC			8.00		77	74	75	90	6	18	29.89	30.01
09	SCT	NC			10.00		85	73	77	68	9	18	29.90	30.03
12	BKN	250			10.00		90	71	77	54	12	17	29.91	30.03
15	BKN	250			10.00		92	71	77	51	6	VR	29.85	29.97
18	BKN	250			10.00		87	72	77	61	7	VR	29.82	29.94
21	SCT	NC			10.00		81	72	75	74	7	17	29.87	29.99
24	FEW	NC			10.00		77	74	75	90	5	17	29.92	30.04
					SUNRISE: 0521		**JUN 22**			**SUNSET: 1926**				
03	FEW	NC			10.00		76	74	75	94	3	17	29.89	30.01
06	FEW	NC			9.00		76	73	74	91	6	17	29.90	30.03
09	SCT	NC			10.00		85	72	76	65	9	18	29.95	30.08
12	SCT	NC			10.00		90	68	75	49	9	25	29.94	30.06
15	BKN	060			10.00		90	69	76	50	5	VR	29.89	30.02
18	BKN	250			10.00		88	75	79	66	13	12	29.85	29.97
21	SCT	NC			10.00		81	74	76	79	8	16	29.89	30.01
24	FEW	NC			10.00		78	73	75	85	6	18	29.90	30.02
					SUNRISE: 0522		**JUN 23**			**SUNSET: 1926**				
03	CLR	NC			10.00		77	74	75	90	0	00	29.88	30.00
06	BKN	250			5.00	BR	75	74	74	96	3	15	29.91	30.03
09	BKN	027			10.00		84	75	78	74	6	VR	29.95	30.07
12	BKN	250			10.00		90	73	78	58	8	20	29.93	30.05
15	BKN	250			10.00		93	65	74	40	7	VR	29.86	29.99
18	BKN	250			10.00		90	68	75	49	7	16	29.83	29.96
21	BKN	250			10.00		79	69	72	72	5	16	29.87	29.99
24	SCT	NC			10.00		77	73	74	88	3	18	29.87	29.99
					SUNRISE: 0522		**JUN 24**			**SUNSET: 1926**				
03	SCT	NC			10.00		75	72	73	90	3	17	29.86	29.98
06	BKN	250			10.00		75	72	73	90	3	17	29.88	30.00
09	BKN	024			10.00		83	73	76	72	6	23	29.91	30.03
12	SCT	NC			10.00		90	70	76	52	8	19	29.88	30.00
15	BKN	250			10.00		92	68	75	46	9	16	29.82	29.94
18	BKN	250			10.00		89	72	77	57	16	15	29.80	29.92
21	SCT	NC			10.00		81	71	74	72	9	16	29.86	29.98
24	SCT	NC			10.00		77	73	74	88	6	16	29.87	29.99

OBSERVATIONS AT 3−HOURLY INTERVALS

HOUSTON, TX

JUNE 2000 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0522 JUN 25 SUNSET: 1926									
03	SCT	NC			10.00		77	74	75	90	6	16	29.85	29.97
06	SCT	NC			10.00		74	72	73	94	0	00	29.88	30.00
09	BKN	023			10.00		83	73	76	72	8	20	29.90	30.02
12	SCT	NC			10.00		91	72	78	54	7	VR	29.88	30.00
15	SCT	NC			10.00		88	72	77	59	13	14	29.83	29.96
18	SCT	NC			10.00		89	71	77	55	13	14	29.79	29.92
21	SCT	NC			10.00		81	73	75	77	7	16	29.82	29.95
24	FEW	NC			10.00		76	73	74	91	3	14	29.87	29.99
					SUNRISE: 0522 JUN 26 SUNSET: 1926									
03	FEW	NC			10.00		77	74	75	90	5	18	29.82	29.94
06	SCT	NC			10.00		77	73	74	88	0	00	29.86	29.99
09	SCT	NC			10.00		85	72	76	65	7	22	29.90	30.02
12	BKN	250			10.00		90	70	76	52	5	28	29.89	30.01
15	BKN	055			10.00		84	72	76	67	16	16	29.83	29.96
18	BKN	250			10.00		83	73	76	72	5	18	29.82	29.95
21	SCT	NC			10.00		78	71	73	79	3	15	29.87	29.99
24	FEW	NC			10.00		75	72	73	90	0	00	29.89	30.01
					SUNRISE: 0523 JUN 27 SUNSET: 1926									
03	CLR	NC			9.00		75	73	74	94	0	00	29.88	30.00
06	BKN	250			9.00		76	73	74	91	5	32	29.92	30.04
09	BKN	026			10.00		83	73	76	72	6	VR	29.94	30.06
12	SCT	NC			10.00		90	69	76	50	5	VR	29.92	30.04
15	BKN	250			10.00		94	67	75	41	3	VR	29.84	29.97
18	BKN	250			10.00		87	73	77	63	6	19	29.84	29.96
21	BKN	055			9.00		82	72	75	72	6	17	29.87	30.00
24	BKN	250			10.00		80	74	76	82	5	17	29.89	30.01
					SUNRISE: 0523 JUN 28 SUNSET: 1926									
03	CLR	NC			10.00		76	72	73	88	0	00	29.89	30.01
06	BKN	250			8.00		75	73	74	94	0	00	29.91	30.03
09	BKN	250			10.00		85	74	77	70	8	22	29.91	30.03
12	BKN	250			10.00		89	70	76	53	8	22	29.90	30.02
15	BKN	250			10.00		92	67	75	44	3	VR	29.83	29.95
18	BKN	070			10.00		86	72	76	63	9	12	29.81	29.93
21	BKN	250			10.00		81	69	73	67	3	17	29.85	29.97
24	SCT	NC			10.00		79	69	72	72	0	00	29.89	30.01
					SUNRISE: 0523 JUN 29 SUNSET: 1926									
03	BKN	250			10.00		77	71	73	82	0	00	29.87	29.99
06	BKN	020			9.00		76	72	73	88	6	29	29.89	30.01
09	BKN	020			10.00		82	72	75	72	6	VR	29.91	30.03
12	BKN	250			10.00		88	69	75	54	7	VR	29.90	30.02
15	SCT	NC			10.00		91	68	75	47	3	VR	29.83	29.96
18	SCT	NC			10.00		91	67	75	45	5	20	29.80	29.92
21	BKN	090			10.00	TS	81	72	75	74	9	14	29.84	29.97
24	SCT	NC			10.00		77	73	74	88	5	16	29.86	29.98
					SUNRISE: 0524 JUN 30 SUNSET: 1926									
03	SCT	NC			10.00		76	73	74	91	0	00	29.85	29.97
06	SCT	NC			10.00		76	74	75	94	0	00	29.87	29.99
09	BKN	021			10.00		83	74	77	74	5	24	29.89	30.01
12	SCT	NC			10.00		89	68	75	50	6	VR	29.89	30.01
15	SCT	NC			10.00		94	69	77	44	8	16	29.83	29.95
18	BKN	250			10.00		89	72	77	57	14	14	29.79	29.92
21	BKN	095			10.00		83	73	76	72	0	00	29.84	29.97
24	SCT	NC			10.00		80	74	76	82	5	VR	29.86	29.98

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F: DRY BULB	TEMPERATURE °F: DEW POINT	TEMPERATURE °F: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: JUN 31 SUNSET:									

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 Visibilty = 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: CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL	VISIBILITY (MILES)	WIND SPEED (MPH)	RESULTANT WIND (MPH): SPEED	RESULTANT WIND (MPH): DIRECTION
01			75	72	73	91	29.87	30.00	9.80	3	3	15
02			75	72	73	93	29.87	29.99	9.63	3	3	15
03			74	72	73	93	29.86	29.99	9.57	3	2	15
04			74	72	73	93	29.87	29.99	9.40	3	2	14
05			74	72	72	94	29.87	30.00	9.43	3	1	14
06			74	72	73	93	29.89	30.01	8.67	3	1	13
07			77	73	74	88	29.90	30.02	8.97	4	2	14
08			80	73	75	80	29.91	30.03	9.73	6	4	16
09			82	73	76	72	29.91	30.04	9.93	7	5	16
10			84	72	76	67	29.91	30.03	10.00	7	5	18
11			85	71	75	63	29.91	30.03	10.00	7	4	16
12			87	71	76	61	29.90	30.02	9.87	7	5	15
13			87	70	76	60	29.88	30.01	9.63	7	5	16
14			88	71	76	58	29.86	29.99	10.00	8	6	15
15			88	71	76	58	29.85	29.97	10.00	9	7	14
16			87	71	76	59	29.84	29.96	9.87	9	7	14
17			87	71	76	61	29.83	29.95	10.00	9	7	15
18			85	72	76	66	29.83	29.95	9.87	9	7	14
19			82	72	75	71	29.84	29.96	9.93	9	7	14
20			80	72	75	77	29.85	29.97	9.72	7	6	15
21			79	72	74	79	29.87	29.99	9.83	7	6	15
22			78	72	74	83	29.88	30.00	10.00	6	4	14
23			77	73	74	86	29.88	30.01	9.93	5	4	15
24			76	73	74	89	29.88	30.00	9.90	4	3	15

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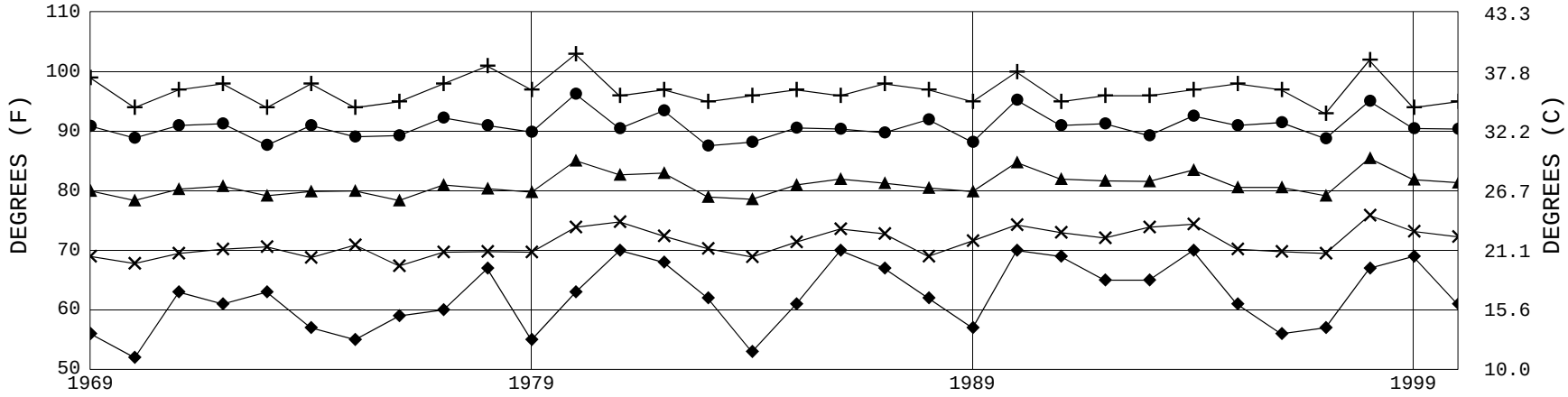
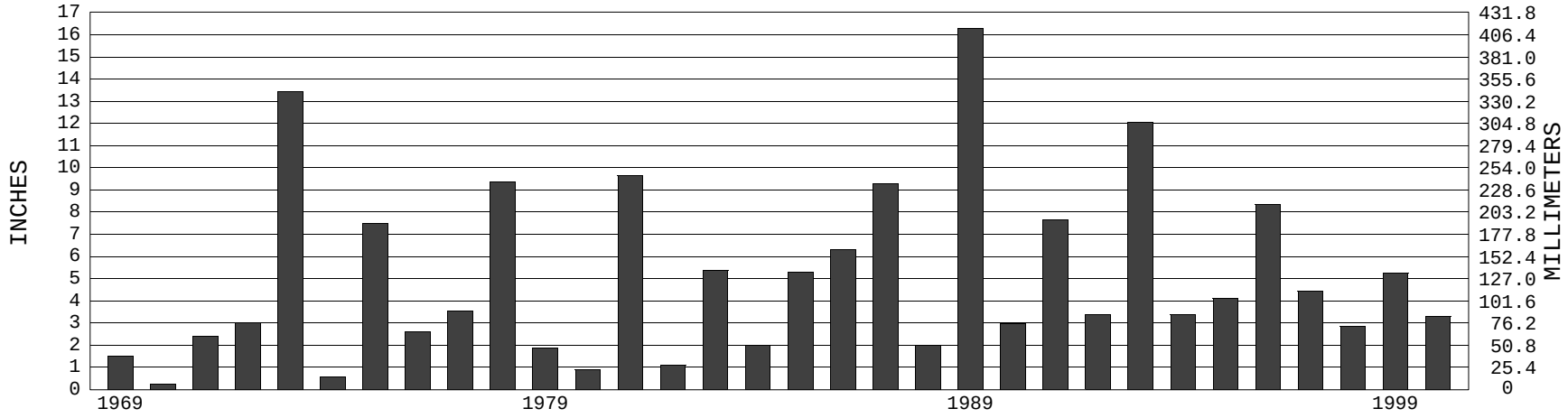
HOUSTON, TX JUNE TEMPERATURES



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

Long–Term (1969–2000) Mean: 81.1 1961–1990 Normal: 80.4

HOUSTON, TX JUNE PRECIPITATION



Long–Term (1969–2000) Mean Monthly Total: 5.07 1961–1990 Normal: 4.96

JUNE 2000
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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Thomas R Karl

DIRECTOR

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