MAY 2001
LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center

HOUSTON, TX
INTERCONTINENTAL AIRPORT (IAH)
Lat: 29°59' N Long: 95°21' W Elev (Ground): 118 Feet
Time Zone: CENTRAL WBAN: 12960 ISSN #:0198–5094

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	DEG DAYS BASE 65° HEATING	COOLING	WEATHER	SNOW/ICE ON GND(IN) 0600 LST DEPTH	1200 LST WATER EQUIV	PRECIPITATION (INCHES) 2400 LST SNOW–FALL	2400 LST WATER EQUIV	PRESSURE (INCHES OF HG) AVERAGE STATION	AVERAGE SEA LEVEL	WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM 5–SEC SPEED	5–SEC DIR	MAXIMUM 2–MIN SPEED	2–MIN DIR	DATE
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	84	62	73	1	67	69	0	8	BR	0		0.0	0.00	29.89	30.00	7.4	12	8.0	23	13	20	13	01
02	84	65	75	3	69	70	0	10	BR	0		0.0	0.00	29.82	29.93	10.4	13	10.6	25	12	22	13	02
03	85	65	75	3	69	71	0	10	BR	0		0.0	0.00	29.91	30.03	10.1	12	10.5	25	13	22	13	03
04	83	70	77	5	70	72	0	12	RA BR	0		0.0	T	29.89	30.00	13.6	12	14.3	30	12	25	12	04
05	81	64	73	1	70	71	0	8	TS TSRA RA BR	0		0.0	0.48	29.82	29.93	9.1	13	11.2	28	15	22	14	05
06	85	63	74	1	70	71	0	9	TSRA MIFG BR	0		0.0	1.01	29.85	29.96	7.1	14	9.5	31	01	23	15	06
07	85	63	74	1	67	69	0	9	TS TSRA RA FG+ BR	0		0.0	0.43	29.98	30.09	4.5	13	5.9	16	15	14	13	07
08	85	64	75	2	66	68	0	10	RA FG+ BR	0		0.0	T	30.04	30.15	2.9	09	4.2	14	03	10	11	08
09	84	63	74	1	65	68	0	9	BR	0		0.0	0.00	30.00	30.11	2.1	15	3.0	17	12	12	18	09
10	84	62	73	0	67	69	0	8	TS TSRA BR	0		0.0	0.73	29.95	30.06	4.7	15	5.5	23	13	18	16	10
11	84	64	74	1	67	69	0	9	MIFG	0		0.0	0.00	29.96	30.07	3.7	15	4.3	21	18	17	18	11
12	85	62	74	0	66	68	0	9	TS TSRA BR	0		0.0	0.06	30.03	30.14	2.7	07	4.4	26	06	23	07	12
13	86	63	75	1	66	69	0	10	BR	0		0.0	0.00	30.05	30.17	0.7	09	2.6	12	08	12	08	13
14	87	64	76	2	66	69	0	11	BR	0		0.0	0.00	30.03	30.14	3.3	15	4.0	15	13	13	13	14
15	86	61	74	0	65	68	0	9	MIFG	0		0.0	0.00	29.90	30.02	5.8	17	6.2	22	16	16	15	15
16	88	66	77	3	68	71	0	12		0		0.0	0.00	29.75	29.86	8.0	17	8.1	21	15	16	15	16
17	87	69	78	3	69	72	0	13		0		0.0	0.00	29.75	29.86	9.5	16	9.6	23	14	18	14	17
18	89	69	79	4	70	73	0	14	BR	0		0.0	0.00	29.78	29.89	7.6	15	8.0	23	14	18	15	18
19	89	67	78	3	71	73	0	13	BR	0		0.0	0.00	29.78	29.89	4.7	17	5.4	16	17	13	16	19
20	91	72	82	7	72	75	0	17	BR	0		0.0	0.00	29.64	29.75	8.2	18	8.5	25	17	18	18	20
21	91	65	78	3	67	71	0	13	RA	0		0.0	T	29.70	29.81	2.0	30	9.4	26	33	20	33	21
22	84	56	70	-6	49	58	0	5	RA	0		0.0	0.02	29.94	30.05	7.1	01	7.5	24	01	18	04	22
23	88	52*	70*	-6	56	63	0	5		0		0.0	0.00	29.85	29.96	3.6	22	5.4	17	21	13	23	23
24	90	62	76	0	69	72	0	11		0		0.0	0.00	29.78	29.90	2.4	20	5.1	16	18	13	18	24
25	87	65	76	0	64	69	0	11	TS TSRA	0		0.0	0.04	29.87	29.98	3.8	07	6.3	24	29	20	28	25
26	87	65	76	-1	69	71	0	11	TS TSRA RA FG BR	0		0.0	0.74	29.83	29.94	0.8	25	3.7	39*	20	28*	21	26
27	90	66	78	1	71	73	0	13	BR	0		0.0	0.00	29.74	29.85	7.1	17	7.6	20	16	16	16	27
28	90	73	82	5	71	74	0	17	RA	0		0.0	T	29.75	29.85	5.0	16	9.7	24	19	18	18	28
29	90	70	80	3	73	75	0	15		0		0.0	0.00	29.81	29.92	8.5	14	8.7	22	13	20	14	29
30	92*	76	84*	7	74	76	0	19	RA	0		0.0	T	29.81	29.92	8.9	17	9.2	23	15	18	15	30
31	85	72	79	1	73	74	0	14	TS RA	0		0.0	0.02	29.79	29.90	3.5	16	5.7	30	15	22	16	31
	86.6	65.2	75.9		67.6	70.4	0.0	11.1	< MONTHLY AVERAGES TOTALS–>			0.0	3.53	29.86	29.97	3.4	18	7.2					<– MONTHLY AVERAGES
	2.0	0.8	1.4		<–––––––––––DEPARTURE FROM NORMAL–––––––––––––>								-1.71	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING:	0	0	1823	224
COOLING:	344	49	630	123

GREATEST 24–HR PRECIPITATION: 1.35 DATE :06-07
GREATEST 24–HR SNOWFALL: 0.0 DATE :
GREATEST SNOW DEPTH: 0 DATE :

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM	30.22	13	0953
MINIMUM	29.66	20	1753

NUMBER OF DAYS WITH →

MAXIMUM TEMP ≥ 90:	7	MINIMUM TEMP ≤ 32 :	0
MAXIMUM TEMP ≤ 32 :	0	MINIMUM TEMP ≤ 0 :	0
THUNDERSTORMS :	8	HEAVY FOG :	2
PRECIPITATION ≥ 0.01 INCH :	9		
PRECIPITATION ≥ 0.10 INCH :	5		
SNOWFALL ≥ 1.0 INCH :	0		

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

MAY 2001 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													03													03		0.00
04													04			T										04		T
05		T	0.06	0.27	0.01	T	T	T					05	T			T	T	0.01	0.01	0.04	0.07	0.01			05		0.48
06				T	0.10								06											0.60	0.31	06		1.01
07	0.05	0.10	0.18	0.01	T								07					T	T	0.06	0.03					07		0.43
08													08										T			08		T
09													09													09		0.00
10										0.01			10		0.44	0.27	T		0.01							10		0.73
11													11													11		0.00
12													12									0.06	T			12		0.06
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							T	T		T			21													21		T
22	T	0.01	0.01										22													22		0.02
23													23													23		0.00
24													24													24		0.00
25			T	0.03	0.01								25													25		0.04
26									T			T	26			0.19	0.03	0.51	0.01	T					26		0.74
27													27													27		0.00
28						T							28													28		T
29													29													29		0.00
30											T	T	30										T	T		30		T
31									T	T	0.02		31	T												31		0.02

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.25	.41	.51	.56	.64	.68	.70	.86	.90	.92	.94	.98
Ending Date	10	10	10	10	10	10	10	06	06	07	07	07
Ending Time (Hour/Min)	1350	1354	1358	1404	1411	1424	1424	2335	2348	0001	0030	0101

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
MAY 2001

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							2.00	10.00	
02							4.00	10.00	
03							2.00	10.00	
04							4.00	10.00	
05							3.00	10.00	
06							2.50	10.00	
07							.25	10.00	
08							.25	10.00	
09							1.50	10.00	
10							.50	10.00	
11							7.00	10.00	
12							1.00	10.00	
13							4.00	10.00	
14							4.00	10.00	
15							10.00	10.00	
16							9.00	10.00	
17							7.00	10.00	
18							5.00	10.00	
19							1.25	10.00	
20							5.00	10.00	
21							8.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							.50	10.00	
27							4.00	10.00	
28							10.00	10.00	
29							7.00	10.00	
30							9.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							5.69	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
1	8	13

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

MAY 2001 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 ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0539	**MAY 01**			**SUNSET: 1858**					
03	BKN	250			8.00		62	62	62	100	0	00	29.94	30.05
06	OVC	024			6.00	BR	63	63	63	100	0	00	29.94	30.05
09	BKN	025			10.00		75	69	71	82	10	10	29.95	30.06
12	BKN	031			10.00		80	68	72	67	10	11	29.90	30.01
15	BKN	050			10.00		80	68	72	67	14	13	29.85	29.96
18	BKN	250			10.00		76	68	71	77	15	12	29.83	29.94
21	SCT	NC			10.00		70	68	69	93	8	14	29.85	29.96
24	FEW	NC			10.00		67	67	67	100	7	13	29.83	29.94
					SUNRISE: 0538	**MAY 02**			**SUNSET: 1859**					
03	SCT	NC			8.00		65	65	65	100	0	00	29.78	29.90
06	BKN	250			4.00	BR	67	67	67	100	3	13	29.79	29.91
09	BKN	033			10.00		76	68	71	77	9	16	29.84	29.96
12	BKN	035			10.00		82	70	74	67	15	11	29.83	29.94
15	SCT	NC			10.00		82	69	73	65	18	12	29.79	29.91
18	SCT	NC			10.00		78	68	71	71	16	14	29.78	29.89
21	FEW	NC			10.00		72	69	70	91	10	14	29.84	29.95
24	SCT	NC			10.00		70	69	69	97	7	12	29.86	29.98
					SUNRISE: 0537	**MAY 03**			**SUNSET: 1860**					
03	SCT	NC			9.00		67	67	67	100	0	00	29.87	29.98
06	BKN	021			4.00	BR	67	67	67	100	3	04	29.91	30.02
09	BKN	250			10.00		76	70	72	82	10	11	29.90	30.02
12	BKN	055			10.00		83	69	74	63	14	11	29.92	30.03
15	BKN	050			10.00		82	68	73	63	15	12	29.91	30.02
18	OVC	250			10.00		78	68	71	71	15	12	29.91	30.03
21	BKN	250			10.00		73	70	71	90	10	12	29.95	30.06
24	BKN	250			10.00		71	70	70	96	7	11	29.94	30.06
					SUNRISE: 0536	**MAY 04**			**SUNSET: 1900**					
03	OVC	027			7.00		70	70	70	100	9	08	29.91	30.02
06	OVC	015			4.00	BR	71	70	70	96	9	10	29.91	30.02
09	BKN	018			10.00		78	71	73	79	16	13	29.93	30.04
12	OVC	033			10.00		82	70	74	67	17	14	29.90	30.02
15	OVC	060			10.00		78	70	73	76	20	12	29.86	29.97
18	OVC	047			10.00		76	69	71	79	20	13	29.83	29.95
21	OVC	024			10.00		75	69	71	82	16	13	29.84	29.96
24	OVC	055			10.00		74	69	71	85	10	14	29.85	29.97
					SUNRISE: 0535	**MAY 05**			**SUNSET: 1901**					
03	OVC	055			9.00		69	68	68	96	13	31	29.87	29.98
06	BKN	035			10.00		64	64	64	100	5	07	29.85	29.96
09	OVC	008			10.00		73	70	71	90	8	08	29.86	29.97
12	BKN	100			10.00		79	72	74	79	17	14	29.81	29.93
15	OVC	070			10.00		77	71	73	82	15	12	29.77	29.89
18	OVC	130			10.00	-RA	73	71	72	94	12	13	29.78	29.89
21	OVC	037			7.00	-RA	72	71	71	97	16	14	29.80	29.91
24	SCT	NC			10.00		72	70	71	94	9	12	29.79	29.91
					SUNRISE: 0534	**MAY 06**			**SUNSET: 1902**					
03	BKN	035			8.00		70	70	70	100	6	34	29.81	29.93
06	SCT	NC			10.00	MIFG	66	66	66	100	0	00	29.81	29.93
09	BKN	055			10.00		78	71	73	79	9	17	29.87	29.98
12	OVC	028			10.00		81	71	74	72	12	15	29.87	29.98
15	BKN	055			10.00		81	72	75	74	15	15	29.83	29.94
18	BKN	065			10.00		79	69	72	72	15	15	29.81	29.93
21	BKN	060			10.00		75	70	72	84	5	15	29.90	30.02
24	OVC	025			6.00	TSRA BR	63	63	63	100	9	10	29.98	30.10

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0534	**MAY 07**			**SUNSET: 1902**					
03	OVC	040			8.00	-TSRA	63	63	63	100	8	13	29.91	30.03
06	OVC	140			10.00		65	63	64	93	8	05	29.88	30.00
09	BKN	250			10.00		75	65	69	71	9	10	29.97	30.09
12	BKN	250			10.00		81	69	73	67	10	12	29.99	30.11
15	BKN	250			10.00		82	68	73	63	6	12	29.97	30.08
18	OVC	250			10.00	TS	77	70	72	79	8	14	29.98	30.10
21	BKN	250			7.00		70	69	69	97	0	00	30.03	30.15
24	BKN	250			3.00	BR	68	68	68	100	6	06	30.05	30.17
					SUNRISE: 0533	**MAY 08**			**SUNSET: 1903**					
03	SCT	NC			4.00	BR	65	65	65	100	0	00	30.03	30.14
06	VV	001			0.50	FG	65	65	65	100	3	03	30.06	30.18
09	BKN	250			1.00	BR	71	70	70	96	3	36	30.09	30.21
12	SCT	NC			10.00		81	64	70	57	6	08	30.07	30.19
15	SCT	NC			10.00		82	63	70	53	5	09	30.01	30.12
18	SCT	NC			10.00		79	65	70	62	8	13	29.98	30.09
21	SCT	NC			10.00		72	68	69	87	3	17	30.03	30.14
24	SCT	NC			9.00		67	67	67	100	0	00	30.04	30.15
					SUNRISE: 0532	**MAY 09**			**SUNSET: 1904**					
03	BKN	060			9.00	BR	65	65	65	100	0	00	30.02	30.13
06	SCT	NC			5.00	BR	64	64	64	100	0	00	30.03	30.14
09	FEW	NC			10.00		75	63	67	66	3	VR	30.04	30.16
12	SCT	NC			9.00		80	62	69	54	0	00	30.02	30.14
15	BKN	250			10.00		84	61	69	46	0	00	29.96	30.07
18	BKN	250			10.00		77	67	70	71	7	18	29.95	30.07
21	SCT	NC			10.00		71	66	68	84	5	15	29.98	30.09
24	CLR	NC			4.00	BR	66	66	66	100	0	00	29.98	30.09
					SUNRISE: 0531	**MAY 10**			**SUNSET: 1904**					
03	FEW	NC			8.00		63	63	63	100	0	00	29.95	30.06
06	SCT	NC			3.00	BR	63	63	63	100	0	00	29.97	30.09
09	SCT	NC			10.00		77	68	71	74	10	16	30.00	30.11
12	CLR	NC			10.00		83	64	71	53	7	VR	29.96	30.07
15	BKN	060			10.00	-TSRA	74	71	72	91	9	16	29.92	30.03
18	OVC	045			10.00		78	71	73	79	5	16	29.90	30.01
21	FEW	NC			10.00		71	68	69	90	6	17	29.92	30.04
24	FEW	NC			10.00		68	66	67	93	0	00	29.94	30.06
					SUNRISE: 0531	**MAY 11**			**SUNSET: 1905**					
03	SCT	NC			10.00		65	65	65	100	0	00	29.93	30.04
06	SCT	NC			10.00	MIFG	66	65	65	96	0	00	29.94	30.06
09	BKN	250			10.00		77	69	72	77	8	15	29.98	30.09
12	SCT	NC			10.00		83	66	72	57	7	12	29.97	30.09
15	BKN	250			10.00		74	66	69	76	8	18	29.94	30.05
18	BKN	250			10.00		78	68	71	71	8	17	29.93	30.04
21	SCT	NC			10.00		70	67	68	90	0	00	29.96	30.08
24	SCT	NC			7.00		65	65	65	100	0	00	30.01	30.12
					SUNRISE: 0530	**MAY 12**			**SUNSET: 1905**					
03	SCT	NC			7.00		64	64	64	100	0	00	29.98	30.09
06	SCT	NC			5.00	BR	62	62	62	100	0	00	30.03	30.15
09	BKN	017			10.00		76	69	71	79	5	05	30.06	30.18
12	BKN	250			10.00		83	65	71	55	9	04	30.05	30.16
15	BKN	250			10.00		83	67	72	59	6	12	30.00	30.11
18	BKN	250			10.00		81	66	71	61	3	18	29.97	30.09
21	OVC	050			10.00	-TSRA	67	64	65	91	10	08	30.05	30.16
24	BKN	250			8.00		65	65	65	100	0	00	30.04	30.16

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

MAY 2001 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 ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0529	**MAY 13**			**SUNSET: 1906**					
03	SCT	NC			4.00	BR	65	65	65	100	0	00	30.04	30.16
06	SCT	NC			4.00	BR	64	64	64	100	3	03	30.07	30.18
09	FEW	NC			10.00		76	70	72	82	5	03	30.10	30.21
12	BKN	033			10.00		80	67	71	64	5	VR	30.09	30.20
15	SCT	NC			10.00		85	64	71	50	0	00	30.03	30.14
18	SCT	NC			10.00		81	66	71	61	8	17	30.01	30.12
21	SCT	NC			10.00		72	69	70	91	0	00	30.03	30.14
24	FEW	NC			8.00		68	67	67	96	0	00	30.03	30.15
					SUNRISE: 0529	**MAY 14**			**SUNSET: 1907**					
03	CLR	NC			4.00	BR	65	65	65	100	0	00	30.03	30.14
06	SCT	NC			4.00	BR	65	65	65	100	0	00	30.06	30.17
09	SCT	NC			10.00		77	68	71	74	0	00	30.09	30.20
12	SCT	NC			9.00		83	67	72	59	7	16	30.06	30.18
15	FEW	NC			10.00		86	64	72	48	9	13	29.99	30.10
18	SCT	NC			10.00		81	66	71	61	9	13	29.96	30.07
21	CLR	NC			10.00		74	66	69	76	6	19	30.00	30.12
24	CLR	NC			10.00		69	65	66	87	5	20	30.00	30.11
					SUNRISE: 0528	**MAY 15**			**SUNSET: 1907**					
03	CLR	NC			10.00		64	64	64	100	0	00	29.95	30.07
06	FEW	NC			10.00	MIFG	62	62	62	100	0	00	29.97	30.08
09	SCT	NC			10.00		77	67	70	71	9	17	29.97	30.08
12	FEW	NC			10.00		83	62	70	49	12	14	29.92	30.04
15	FEW	NC			10.00		86	62	70	45	10	17	29.86	29.97
18	SCT	NC			10.00		82	65	71	56	10	16	29.80	29.92
21	SCT	NC			10.00		74	67	69	79	8	18	29.84	29.95
24	SCT	NC			10.00		70	67	68	90	6	16	29.82	29.94
					SUNRISE: 0527	**MAY 16**			**SUNSET: 1908**					
03	SCT	NC			10.00		68	66	67	93	0	00	29.78	29.90
06	SCT	NC			9.00		68	67	67	96	0	00	29.77	29.88
09	BKN	040			10.00		78	70	73	76	9	20	29.80	29.92
12	BKN	048			10.00		83	67	72	59	10	16	29.77	29.88
15	BKN	250			10.00		85	67	73	55	12	18	29.69	29.81
18	BKN	050			10.00		81	69	73	67	13	17	29.67	29.79
21	FEW	NC			10.00		75	68	70	79	8	17	29.72	29.83
24	SCT	NC			10.00		73	70	71	90	7	17	29.73	29.84
					SUNRISE: 0527	**MAY 17**			**SUNSET: 1909**					
03	FEW	NC			10.00		71	69	70	94	6	16	29.70	29.81
06	SCT	NC			7.00		70	68	69	93	6	16	29.73	29.84
09	BKN	025			10.00		78	68	71	71	12	18	29.78	29.89
12	BKN	250			10.00		85	68	74	57	12	15	29.77	29.89
15	BKN	050			8.00		84	70	74	63	12	17	29.74	29.85
18	BKN	250			10.00		81	68	72	65	14	15	29.71	29.83
21	SCT	NC			10.00		75	70	72	84	10	16	29.75	29.87
24	SCT	NC			10.00		73	70	71	90	7	16	29.77	29.88
					SUNRISE: 0526	**MAY 18**			**SUNSET: 1909**					
03	SCT	NC			8.00		71	70	70	96	0	00	29.74	29.85
06	SCT	NC			5.00	BR	70	69	69	97	6	15	29.77	29.89
09	BKN	026			10.00		82	71	75	69	12	15	29.82	29.93
12	BKN	040			10.00		87	70	75	57	14	16	29.81	29.92
15	SCT	NC			10.00		88	71	76	57	13	17	29.74	29.86
18	SCT	NC			10.00		82	69	73	65	13	16	29.73	29.85
21	SCT	NC			10.00		76	71	73	85	6	VR	29.78	29.90
24	BKN	030			7.00		72	71	71	97	0	00	29.82	29.93

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0526	**MAY 19**			**SUNSET: 1910**					
03	CLR	NC			8.00		68	68	68	100	0	00	29.80	29.91
06	SCT	NC			4.00	BR	69	69	69	100	3	08	29.81	29.92
09	BKN	024			10.00		82	71	75	69	9	15	29.83	29.94
12	OVC	250			10.00		85	70	75	61	8	17	29.81	29.92
15	OVC	250			10.00		87	72	77	61	7	VR	29.74	29.85
18	OVC	250			10.00		83	72	75	70	9	21	29.72	29.83
21	BKN	250			10.00		78	73	75	85	8	16	29.71	29.83
24	BKN	250			9.00		75	72	73	90	3	19	29.73	29.85
					SUNRISE: 0525	**MAY 20**			**SUNSET: 1911**					
03	SCT	NC			7.00		73	72	72	96	5	21	29.71	29.83
06	SCT	NC			5.00	BR	73	72	72	96	5	15	29.69	29.80
09	BKN	020			10.00		80	73	75	79	10	20	29.69	29.80
12	SCT	NC			10.00		88	71	76	57	8	20	29.66	29.77
15	SCT	NC			10.00		90	70	76	52	9	19	29.59	29.70
18	SCT	NC			10.00		85	72	76	65	13	17	29.55	29.66
21	BKN	250			10.00		79	73	75	82	13	18	29.59	29.71
24	BKN	021			10.00		78	73	75	85	0	00	29.66	29.77
					SUNRISE: 0525	**MAY 21**			**SUNSET: 1911**					
03	BKN	250			10.00		77	73	74	88	8	27	29.68	29.79
06	BKN	100			8.00		75	72	73	90	12	16	29.60	29.71
09	BKN	250			10.00		81	72	75	74	9	19	29.64	29.76
12	BKN	250			10.00		89	74	78	61	7	29	29.64	29.75
15	BKN	120			10.00		89	72	77	57	7	28	29.63	29.75
18	OVC	120			10.00		73	60	65	64	13	34	29.74	29.85
21	OVC	047			10.00		68	54	60	61	12	35	29.83	29.95
24	OVC	055			10.00		65	47	55	52	14	36	29.93	30.05
					SUNRISE: 0524	**MAY 22**			**SUNSET: 1912**					
03	OVC	070			10.00		61	53	57	75	8	03	29.93	30.04
06	SCT	NC			10.00		57	52	54	83	7	33	29.97	30.09
09	FEW	NC			10.00		69	48	58	47	13	02	30.00	30.11
12	FEW	NC			10.00		78	46	60	32	15	03	29.95	30.07
15	CLR	NC			10.00		83	45	62	26	12	01	29.90	30.01
18	CLR	NC			10.00		81	45	61	28	8	02	29.87	29.99
21	FEW	NC			10.00		63	52	57	68	0	00	29.91	30.02
24	CLR	NC			10.00		58	50	54	75	0	00	29.94	30.05
					SUNRISE: 0524	**MAY 23**			**SUNSET: 1912**					
03	FEW	NC			10.00		55	53	54	93	0	00	29.90	30.01
06	FEW	NC			10.00		60	56	58	86	5	23	29.88	30.00
09	FEW	NC			10.00		76	58	65	54	6	VR	29.91	30.03
12	CLR	NC			10.00		84	51	64	32	8	24	29.88	29.99
15	CLR	NC			10.00		88	54	67	31	9	23	29.81	29.92
18	CLR	NC			10.00		85	57	68	39	6	VR	29.76	29.87
21	CLR	NC			10.00		76	58	65	54	9	19	29.80	29.91
24	CLR	NC			10.00		68	61	64	78	6	18	29.81	29.93
					SUNRISE: 0523	**MAY 24**			**SUNSET: 1913**					
03	CLR	NC			10.00		67	62	64	84	6	19	29.76	29.88
06	CLR	NC			10.00		67	64	65	91	0	00	29.78	29.90
09	SCT	NC			10.00		78	70	73	76	7	VR	29.83	29.94
12	SCT	NC			10.00		85	69	74	59	6	27	29.79	29.91
15	SCT	NC			10.00		88	70	76	55	6	22	29.75	29.86
18	SCT	NC			10.00		86	73	77	65	9	12	29.72	29.84
21	BKN	039			10.00		81	72	75	74	9	19	29.78	29.89
24	BKN	070			10.00		76	71	73	85	5	22	29.85	29.96

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

MAY 2001 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 ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0523	MAY 25			SUNSET: 1914					
03	OVC	029			10.00	TS	75	72	73	90	10	27	29.86	29.97
06	OVC	250			10.00		65	59	61	81	8	04	29.86	29.97
09	SCT	NC			10.00		74	57	64	56	7	07	29.91	30.03
12	BKN	250			10.00		83	62	70	49	7	VR	29.90	30.01
15	BKN	250			10.00		85	64	71	50	9	04	29.86	29.98
18	BKN	120			10.00		83	64	71	53	7	09	29.83	29.95
21	SCT	NC			10.00		76	69	71	79	7	15	29.85	29.96
24	SCT	NC			10.00		71	68	69	90	0	00	29.87	29.98
					SUNRISE: 0523	MAY 26			SUNSET: 1914					
03	SCT	NC			7.00		69	68	68	96	0	00	29.85	29.96
06	BKN	250			5.00	BR	69	68	68	96	3	02	29.86	29.97
09	SCT	NC			10.00		80	72	75	76	8	21	29.86	29.98
12	OVC	250			10.00		83	74	77	74	7	35	29.84	29.96
15	OVC	041			8.00	RA	74	71	72	91	10	32	29.79	29.90
18	BKN	060			10.00	-RA	69	66	67	90	0	00	29.77	29.88
21	SCT	NC			8.00		69	68	68	96	0	00	29.77	29.88
24	BKN	250			6.00	BR	69	69	69	100	0	00	29.79	29.90
					SUNRISE: 0522	MAY 27			SUNSET: 1915					
03	SCT	NC			4.00	BR	69	69	69	100	3	15	29.76	29.88
06	OVC	250			5.00	BR	69	69	69	100	0	00	29.80	29.91
09	OVC	250			10.00		78	74	75	87	9	23	29.79	29.91
12	OVC	250			10.00		84	72	76	67	9	17	29.75	29.86
15	BKN	038			10.00		87	75	78	67	10	13	29.71	29.83
18	SCT	NC			10.00		84	71	75	65	12	16	29.68	29.79
21	SCT	NC			10.00		77	72	74	85	13	16	29.67	29.79
24	BKN	016			10.00		76	73	74	91	10	16	29.69	29.80
					SUNRISE: 0522	MAY 28			SUNSET: 1915					
03	BKN	021			10.00		76	73	74	91	7	16	29.68	29.79
06	BKN	250			10.00		76	68	71	77	13	01	29.82	29.93
09	BKN	250			10.00		75	69	71	82	12	02	29.86	29.98
12	BKN	250			10.00		85	70	75	61	14	20	29.70	29.81
15	SCT	NC			10.00		90	72	77	56	7	22	29.69	29.80
18	SCT	NC			10.00		86	70	75	59	7	16	29.69	29.80
21	SCT	NC			10.00		79	73	75	82	10	16	29.75	29.87
24	BKN	250			10.00		76	73	74	91	6	17	29.78	29.90
					SUNRISE: 0522	MAY 29			SUNSET: 1916					
03	BKN	250			10.00		72	72	72	100	0	00	29.78	29.89
06	BKN	250			7.00		73	73	73	100	0	00	29.80	29.91
09	BKN	030			10.00		81	73	75	77	9	15	29.84	29.96
12	BKN	250			10.00		88	73	77	61	12	16	29.83	29.94
15	BKN	250			10.00		88	75	79	66	15	13	29.79	29.90
18	SCT	NC			10.00		84	74	77	72	16	13	29.78	29.90
21	SCT	NC			10.00		78	73	75	85	10	14	29.80	29.92
24	BKN	026			10.00		77	73	74	88	8	14	29.82	29.93
					SUNRISE: 0521	MAY 30			SUNSET: 1916					
03	BKN	021			10.00		77	74	75	90	8	16	29.79	29.90
06	OVC	027			9.00		77	74	75	90	6	17	29.83	29.94
09	BKN	250			10.00		83	74	77	74	12	19	29.83	29.94
12	BKN	250			10.00		87	74	78	65	9	17	29.81	29.93
15	BKN	250			10.00		91	73	78	56	17	15	29.77	29.88
18	BKN	250			10.00		85	73	77	68	10	17	29.77	29.88
21	SCT	NC			10.00		79	73	75	82	8	16	29.79	29.91
24	SCT	NC			10.00		77	74	75	90	6	16	29.84	29.95

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0521	MAY 31			SUNSET: 1917					
03	BKN	026			10.00		76	75	75	97	3	17	29.80	29.91
06	BKN	011			10.00		76	74	75	94	0	00	29.83	29.94
09	BKN	250			10.00	-RA	83	75	77	77	8	19	29.82	29.93
12	OVC	120			10.00		78	71	73	79	10	16	29.81	29.93
15	BKN	250			10.00		81	71	74	72	3	05	29.77	29.89
18	SCT	NC			10.00		82	71	75	69	10	13	29.74	29.85
21	SCT	NC			10.00		74	72	73	94	6	15	29.76	29.87
24	SCT	NC			10.00		72	70	71	94	0	00	29.79	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 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	AVERAGES: EFF CLD AMT	AVERAGES: DRY BULB	AVERAGES: DEW POINT	AVERAGES: WET BULB	AVERAGES: RELATIVE HUMIDITY	AVERAGES: PRESSURE (INCHES,HG): STATION	AVERAGES: PRESSURE (INCHES,HG): SEA LEVEL	AVERAGES: VISIBILITY (MILES)	AVERAGES: WIND SPEED (MPH)	RESULTANT WIND (MPH): SPEED	RESULTANT WIND (MPH): DIRECTION
01			69	67	68	93	29.86	29.98	8.87	4	2	15
02			69	67	68	94	29.85	29.97	8.77	3	2	16
03			68	67	67	96	29.86	29.97	8.29	3	1	19
04			67	66	67	96	29.85	29.96	7.84	3	2	16
05			67	66	66	96	29.86	29.97	7.90	3	1	12
06			67	66	66	95	29.87	29.99	6.89	3	1	8
07			70	68	69	92	29.89	30.00	7.20	4	2	11
08			74	69	71	85	29.90	30.01	8.49	6	3	14
09			77	68	72	75	29.90	30.01	9.71	8	5	15
10			80	68	72	68	29.90	30.01	9.84	8	5	15
11			82	68	73	64	29.89	30.00	10.00	9	6	15
12			83	67	73	60	29.87	29.99	9.94	9	6	14
13			84	68	73	59	29.86	29.97	9.97	10	8	15
14			84	68	73	59	29.84	29.96	9.63	9	7	14
15			84	68	73	60	29.83	29.94	9.87	10	6	14
16			84	67	73	60	29.82	29.93	9.87	11	8	14
17			82	67	72	62	29.81	29.92	10.00	11	9	15
18			80	67	72	67	29.81	29.93	10.00	10	8	14
19			77	68	71	73	29.82	29.93	9.66	9	6	15
20			75	68	70	78	29.83	29.95	9.81	9	7	15
21			74	68	70	84	29.85	29.96	9.74	7	6	15
22			73	68	70	86	29.87	29.98	9.81	6	4	15
23			71	68	69	89	29.87	29.98	9.39	5	4	15
24			70	67	68	91	29.87	29.98	8.94	4	3	14

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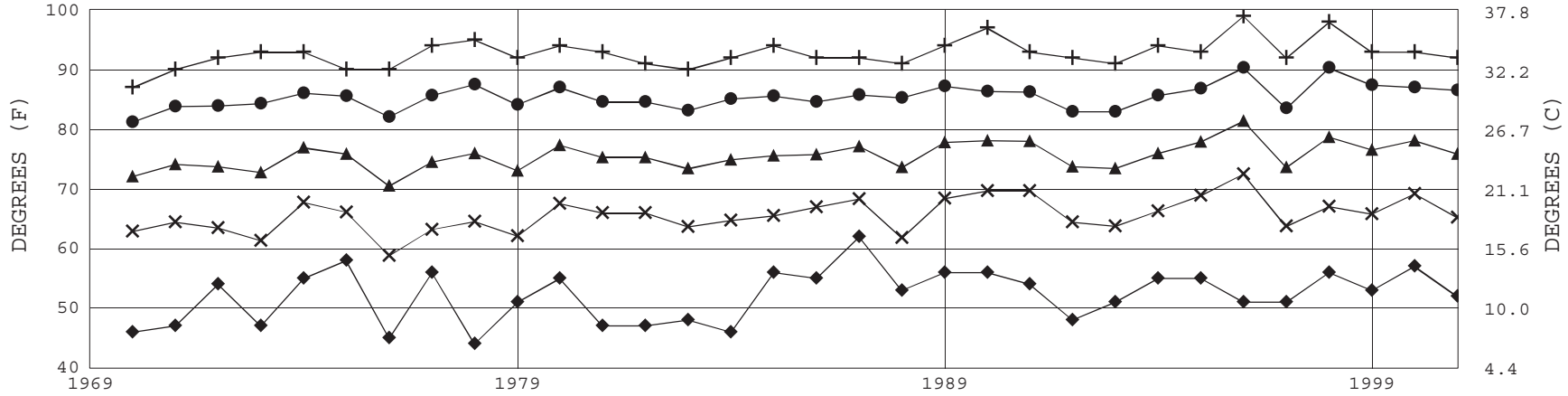
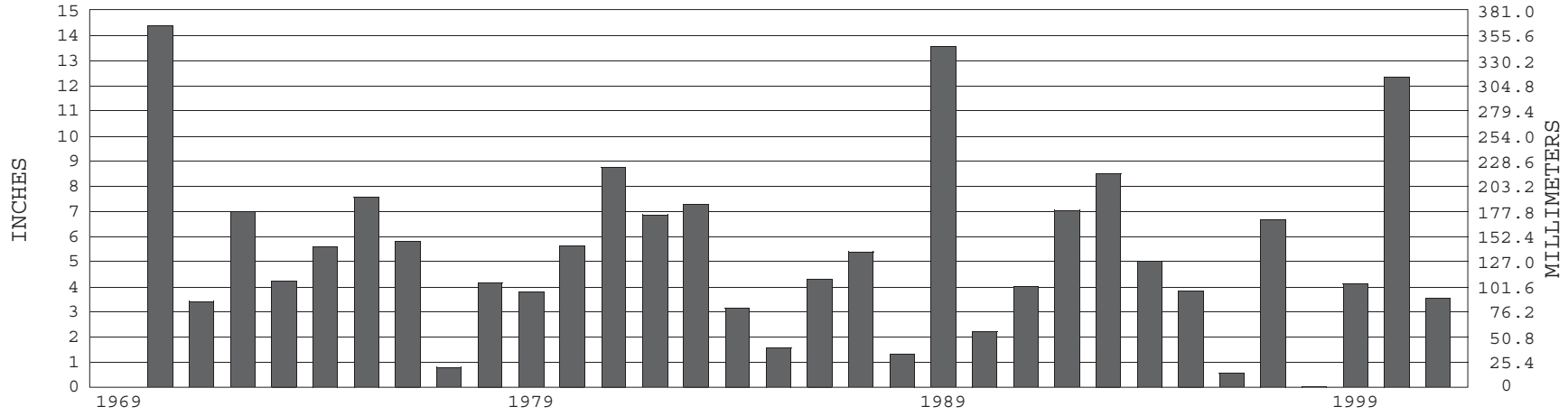
HOUSTON, TX MAY TEMPERATURES



Long-Term (1969-2001) Mean: 73.2 1961-1990 Normal: 74.5

HOUSTON, TX MAY PRECIPITATION



Long-Term (1969-2001) Mean Monthly Total: 5.23 1961-1990 Normal: 5.24

MAY 2001
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

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Thomas R Karl

DIRECTOR

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