



# SEPTEMBER 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							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	86	73	80	-1	75	75	0	15	RA BR	0		0.0	1.80	29.74	29.85	5.1	14	5.7	22	16	17	16	01							
02	88	74	81	0	75	77	0	16	TS TSRA RA BR	0		0.0	0.40	29.73	29.84	2.4	19	3.2	23	18	20	15	02							
03	89	74	82	1	76	78	0	17	TSRA RA BR	0		0.0	0.46	29.74	29.85	2.7	19	4.4	18	17	16	18	03							
04	90	74	82	1	75	76	0	17	TS TSRA RA BR	0		0.0	0.34	29.81	29.92	3.2	13	5.5	30	15	28*	16	04							
05	87	74	81	1	75	76	0	16	TS TSRA RA FG+ BR	0		0.0	1.83	29.87	29.98	3.0	12	4.6	25	12	23	12	05							
06	91	74	83	3	75	77	0	18	SHRA	0		0.0	0.01	29.84	29.95	6.3	16	7.1	21	15	17	15	06							
07	93	75	84	4	75	77	0	19	RA	0		0.0	T	29.71	29.82	8.7	17	8.8	23	15	17	17	07							
08	93	77	85	5	76	78	0	20		0		0.0	0.00	29.69	29.80	8.3	17	8.4	22	17	17	17	08							
09	82	69	76	-4	72	73	0	11	TSRA RA BR	0		0.0	0.68	29.86	29.97	4.5	05	7.4	25	08	20	03	09							
10	88	68	78	-2	69	72	0	13		0		0.0	0.00	30.00	30.11	4.9	03	6.0	35	09	14	02	10							
11	87	68	78	-1	65	69	0	13		0		0.0	0.00	29.98	30.09	5.7	03	6.0	16	05	14	02	11							
12	90	65	78	-1	66	70	0	13		0		0.0	0.00	29.90	30.01	2.9	01	3.5	17	02	14	03	12							
13	92	71	82	3	71	74	0	17		0		0.0	0.00	29.87	29.98	4.5	03	5.0	16	07	14	06	13							
14	92	71	82	3	71	74	0	17		0		0.0	0.00	29.87	29.98	3.6	05	3.7	30	14	12	06	14							
15	90	70	80	1	69	73	0	15	BR HZ	0		0.0	0.00	29.86	29.97	0.9	16	2.1	20	31	9	11	15							
16	89	69	79	1	70	73	0	14	BR HZ	0		0.0	0.00	29.88	29.99	2.9	11	3.7	17	09	15	10	16							
17	90	69	80	2	71	73	0	15	BR	0		0.0	0.00	29.88	29.99	4.6	13	5.9	22	14	18	14	17							
18	91	70	81	3	73	75	0	16	RA	0		0.0	0.09	29.79	29.90	5.8	15	6.6	21	12	18	12	18							
19	95*	74	85*	7	75	78	0	20		0		0.0	0.00	29.81	29.92	1.3	21	2.8	14	14	12	15	19							
20	94	71	83	6	74	76	0	18	TS TSRA BR	0		0.0	0.59	29.87	29.98	0.9	07	3.4	29	04	24	04	20							
21	92	69	81	4	72	73	0	16	TS TSRA RA MIFG BR	0		0.0	0.50	29.89	30.00	1.0	05	4.3	29	29	22	28	21							
22	85	68	77	0	70	72	0	12	TSRA RA BR	0		0.0	1.59	29.89	30.00	1.4	27	3.3	15	32	13	31	22							
23	81	69	75	-2	71	72	0	10	TS TSRA RA BR	0		0.0	0.53	29.86	29.97	0.6	35	2.7	47*	28	13	33	23							
24	72	64	68	-8	66	67	0	3	FG+ BCFG BR	0		0.0	0.00	29.93	30.04	7.0	35	7.2	21	01	17	36	24							
25	75	57	66	-10	55	59	0	1		0		0.0	0.00	30.01	30.13	6.4	03	7.0	29	18	17	07	25							
26	77	52	65*	-11	51	56	0	0		0		0.0	0.00	30.01	30.12	2.9	05	4.1	44	06	14	08	26							
27	79	52	66	-9	53	58	0	1		0		0.0	0.00	29.96	30.07	1.8	05	2.9	26	04	10	04	27							
28	81	52*	67	-8	54	59	0	2		0		0.0	0.00	29.91	30.02	2.5	04	3.6	17	06	14	05	28							
29	82	56	69	-6	55	60	0	4		0		0.0	0.00	29.95	30.06	5.8	02	6.5	32	01	20	03	29							
30	78	54	66	-8	56	60	0	1		0		0.0	0.00	30.05	30.16	3.9	03	4.6	39	35	13	03	30							
< MONTHLY AVERAGES											TOTALS->		0.0	8.82	29.87	29.98	1.3	08	5.0	<- MONTHLY AVERAGES										
-1.8											-0.5		-1.2		<-----DEPARTURE FROM NORMAL----->											3.93	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 2.08 DATE :21-22				SEA LEVEL PRESSURE				DATE		TIME									
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: 0.0 DATE :				MAXIMUM				: 30.21		30 0953									
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOW DEPTH: 0 DATE :				MINIMUM				: 29.75		08 1753									
HEATING: 0 0 0 0											NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 13				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH : 12							
COOLING: 370 -26 2640 193															MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 10							
															THUNDERSTORMS : 9				HEAVY FOG : 2				SNOWFALL ≥ 1.0 INCH : 0							

SEPTEMBER 2001  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## HOUSTON, TX

SEPTEMBER 2001 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		0.09		0.01		0.02	0.03	0.01	0.12	0.34	0.18	T	01							T	0.81	0.19				01		1.80	
02													02		T	0.40	T									02	0.41	0.40	
03													03	0.45	0.01	T										03		0.46	
04							T				0.13		04	0.11	0.07	0.03	T									04		0.34	
05												T	05	1.46	0.37		T									05		1.83	
06													06													06	0.00	0.01	
07				T									07													07		T	
08													08													08		0.00	
09									0.25	0.39	0.04	T	09				T									09		0.68	
10													10													10		0.00	
11													11													11		0.00	
12													12		T											12	T	0.00	
13													13													13		0.00	
14													14													14		0.00	
15													15													15		0.00	
16													16													16		0.00	
17													17						T							17		0.00	
18													18					0.09		T						18		0.09	
19			T										19													19		0.00	
20													20								0.59		T			20		0.59	
21													21				T	0.46	0.03							21	0.49	0.50	
22				0.60	0.59	0.09	0.07	0.11	0.12	0.01	T	0.07	22													22		1.59	
23					T	0.01				T	0.28	0.07	23	0.04	0.02						0.12		T			23	0.54	0.53	
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													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)	.51	.82	.90	.91	.94	1.61	1.83	1.83	1.83	1.83	1.83	1.83
Ending Date	05	05	05	05	05	05	05	05	05	05	05	05
Ending Time (Hour/Min)	1220	1222	1223	1228	1237	1257	1305	1305	1305	1305	1305	1305

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	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 SEPTEMBER 2001

Ceilorometer (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							1.50	10.00	
03							1.50	10.00	
04							3.00	10.00	
05							.25	10.00	
06							8.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							1.25	10.00	
10							7.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							9.00	10.00	
14							7.00	10.00	
15							4.00	9.00	
16							3.00	9.00	
17							3.00	10.00	
18							7.00	10.00	
19							10.00	10.00	
20							2.00	10.00	
21							1.00	10.00	
22							1.00	10.00	
23							1.75	10.00	
24							.13	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							9.00	10.00	
30							10.00	10.00	
<b>MONTHLY AVGS</b>							6.35	9.93	
<b>SUNSHINE (MINUTES)</b>									
Total:      Possible: Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING 30									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0 1            8            17									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

SEPTEMBER 2001

IAH

WBAN # 12960

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG
SUNRISE: 0558				SEP 01	SUNSET: 1845				SUNRISE: 0602				SEP 07	SUNSET: 1838											
03	BKN	250	10.00	RA BR	74	73	73	97	5	14	29.74	29.85	03	FEW	NC	10.00	76	74	75	94	0	00	29.75	29.86	
06	OVC	025	10.00		73	73	73	100	0	00	29.74	29.86	06	SCT	NC	10.00	76	74	75	94	0	00	29.75	29.86	
09	OVC	007	4.00		75	74	74	96	6	18	29.79	29.90	09	BKN	024	10.00	85	76	79	75	10	17	29.76	29.87	
12	OVC	008	10.00		77	74	75	90	9	12	29.78	29.89	12	BKN	036	10.00	90	76	80	63	13	16	29.72	29.83	
15	SCT	NC	10.00		83	75	77	77	7	14	29.70	29.81	15	BKN	042	10.00	90	76	80	63	9	17	29.66	29.77	
18	BKN	250	10.00		82	77	78	85	10	13	29.69	29.81	18	SCT	NC	10.00	87	74	78	65	13	16	29.64	29.75	
21	OVC	024	10.00		78	76	77	93	8	17	29.73	29.84	21	SCT	NC	10.00	81	76	77	85	8	16	29.67	29.78	
24	SCT	NC	7.00		76	75	75	97	3	16	29.74	29.86	24	SCT	NC	10.00	80	77	78	90	9	16	29.65	29.76	
SUNRISE: 0559				SEP 02	SUNSET: 1844				SUNRISE: 0602				SEP 08	SUNSET: 1836											
03	BKN	065	3.00	BR	74	74	74	100	0	00	29.72	29.83	03	BKN	019	10.00	79	77	78	94	0	00	29.68	29.79	
06	SCT	NC	4.00	BR	75	74	74	96	0	00	29.72	29.83	06	SCT	NC	10.00	77	76	76	96	5	15	29.69	29.80	
09	OVC	010	6.00	BR	80	77	78	90	6	28	29.74	29.86	09	BKN	022	10.00	85	77	79	77	10	19	29.70	29.82	
12	BKN	028	10.00		85	75	78	72	6	21	29.75	29.86	12	BKN	036	10.00	90	76	80	63	12	18	29.68	29.80	
15	BKN	085	10.00	-RA	81	78	79	91	5	20	29.71	29.82	15	BKN	250	10.00	90	76	80	63	13	19	29.65	29.76	
18	BKN	250	10.00		82	74	76	77	0	00	29.68	29.79	18	SCT	NC	10.00	87	75	78	67	10	16	29.66	29.77	
21	BKN	250	10.00		78	76	77	93	5	16	29.72	29.84	21	SCT	NC	10.00	82	77	78	85	12	18	29.69	29.80	
24	SCT	NC	9.00		76	75	75	97	0	00	29.74	29.85	24	OVC	018	10.00	82	78	79	88	8	17	29.73	29.84	
SUNRISE: 0560				SEP 03	SUNSET: 1842				SUNRISE: 0603				SEP 09	SUNSET: 1835											
03	SCT	NC	5.00	BR	75	75	75	100	0	00	29.74	29.85	03	CLR	NC	10.00	80	77	78	90	3	16	29.72	29.83	
06	SCT	NC	6.00	BR	76	76	76	100	3	14	29.74	29.86	06	BKN	250	10.00	78	77	77	97	5	03	29.78	29.89	
09	BKN	020	10.00		83	78	79	85	9	24	29.76	29.88	09	OVC	008	6.00	+RA BR	71	70	70	96	13	36	29.91	30.02
12	BKN	250	10.00		88	77	80	70	9	19	29.76	29.87	12	OVC	100	10.00	72	69	70	91	9	09	29.91	30.02	
15	BKN	250	10.00		84	78	80	82	6	35	29.70	29.82	15	OVC	100	10.00	78	72	74	82	7	30	29.86	29.98	
18	BKN	250	10.00		84	77	79	80	9	13	29.67	29.78	18	OVC	016	10.00	75	71	72	88	9	36	29.87	29.99	
21	BKN	250	10.00		81	77	78	88	7	19	29.74	29.85	21	SCT	NC	10.00	73	70	71	90	5	VR	29.94	30.05	
24	BKN	250	10.00		77	76	76	96	0	00	29.76	29.88	24	SCT	NC	10.00	71	69	70	94	0	00	29.96	30.07	
SUNRISE: 0600				SEP 04	SUNSET: 1841				SUNRISE: 0603				SEP 10	SUNSET: 1834											
03	BKN	250	7.00		78	77	77	97	6	15	29.75	29.86	03	SCT	NC	10.00	69	68	68	96	0	00	29.97	30.08	
06	BKN	110	7.00		77	77	77	100	3	15	29.78	29.89	06	SCT	NC	9.00	68	67	67	96	5	01	30.01	30.12	
09	BKN	021	10.00		83	77	79	82	3	18	29.82	29.93	09	BKN	250	10.00	75	70	72	84	9	04	30.03	30.14	
12	BKN	250	10.00		89	75	79	63	9	26	29.81	29.92	12	SCT	NC	10.00	84	69	74	61	7	VR	30.02	30.14	
15	OVC	110	10.00	-RA	76	73	74	91	5	08	29.81	29.92	15	SCT	NC	10.00	87	71	76	59	8	02	29.97	30.09	
18	OVC	120	10.00		78	74	75	87	5	04	29.81	29.93	18	BKN	250	10.00	84	70	74	63	7	VR	29.97	30.08	
21	SCT	NC	10.00		77	74	75	90	9	10	29.82	29.94	21	SCT	NC	10.00	76	71	73	85	5	36	30.01	30.12	
24	SCT	NC	10.00		75	74	74	96	3	11	29.85	29.96	24	SCT	NC	10.00	73	70	71	90	3	06	30.01	30.12	
SUNRISE: 0601				SEP 05	SUNSET: 1840				SUNRISE: 0604				SEP 11	SUNSET: 1833											
03	CLR	NC	7.00		74	73	73	97	0	00	29.84	29.96	03	SCT	NC	10.00	71	68	69	90	6	04	29.99	30.11	
06	OVC	045	9.00		74	73	73	97	0	00	29.87	29.98	06	FEW	NC	10.00	68	66	67	93	3	04	30.01	30.12	
09	OVC	130	6.00	BR	80	77	78	90	3	15	29.90	30.01	09	SCT	NC	10.00	78	61	67	56	12	03	30.04	30.15	
12	OVC	022	10.00		82	75	77	79	12	03	29.89	30.00	12	FEW	NC	10.00	84	63	70	49	7	04	30.01	30.13	
15	BKN	250	10.00		86	74	77	67	7	14	29.83	29.95	15	SCT	NC	10.00	87	61	70	42	9	01	29.94	30.05	
18	BKN	130	10.00		82	75	77	79	0	00	29.85	29.96	18	SCT	NC	10.00	82	65	71	56	6	35	29.92	30.04	
21	BKN	250	10.00		79	76	77	90	6	15	29.86	29.98	21	FEW	NC	10.00	73	65	68	76	3	36	29.94	30.06	
24	SCT	NC	10.00		77	75	76	94	0	00	29.88	29.99	24	CLR	NC	10.00	70	65	67	84	0	00	29.93	30.04	
SUNRISE: 0601				SEP 06	SUNSET: 1839				SUNRISE: 0604				SEP 12	SUNSET: 1831											
03	CLR	NC	10.00		77	76	76	96	6	10	29.86	29.97	03	CLR	NC	10.00	67	64	65	91	0	00	29.92	30.03	
06	SCT	NC	10.00		74	74	74	100	0	00	29.87	29.98	06	FEW	NC	10.00	66	63	64	90	0	00	29.91	30.03	
09	BKN	021	10.00		83	76	78	79	7	VR	29.90	30.01	09	FEW	NC	10.00	78	65	70	64	3	01	29.94	30.06	
12	SCT	NC	10.00		89	75	79	63	10	15	29.88	29.99	12	FEW	NC	10.00	86	65	72	50	5	VR	29.92	30.03	
15	SCT	NC	10.00		90	73	78	58	14	16	29.81	29.92	15	SCT	NC	10.00	89	66	74	47	9	01	29.85	29.97	
18	BKN	250	10.00		86	73	77	65	8	16	29.78	29.89	18	FEW	NC	10.00	84	68	73	59	8	02	29.85	29.96	
21	SCT	NC	10.00		80	75	77	85	7	16	29.80	29.91	21	FEW	NC	10.00	75	69	71	82	3	35	29.88	30.00	
24	SCT	NC	10.00		77	75	76	94	6	17	29.79	29.90	24	FEW	NC	10.00	74	69	71	85	0	00	29.87	29.98	

# OBSERVATIONS AT 3-HOURLY INTERVALS

## HOUSTON, TX SEPTEMBER 2001

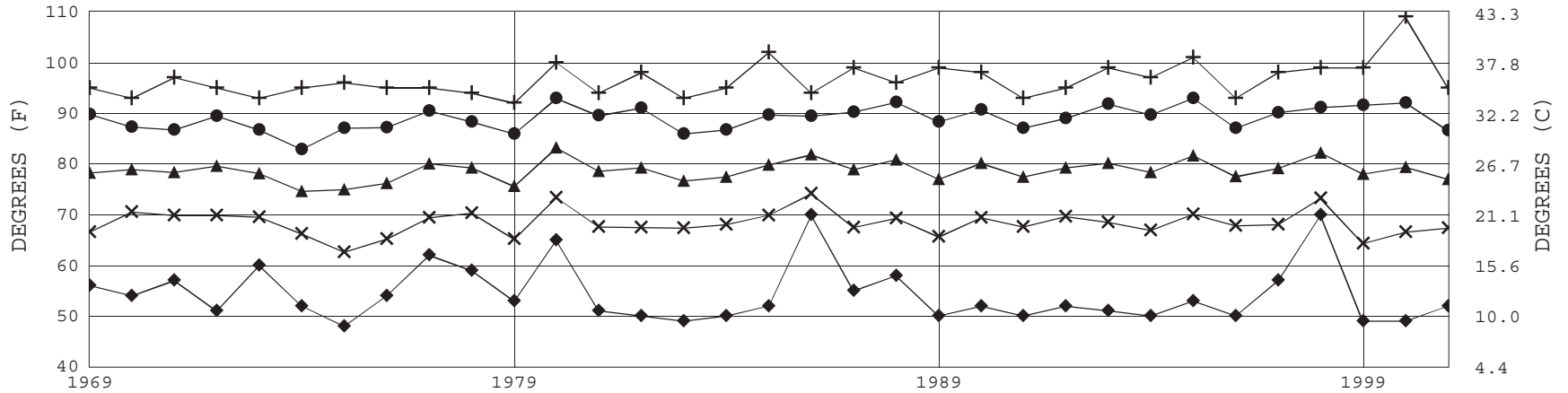
IAH

WBAN # 12960

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)			
	SKY COVER	SKY COVER		DRY BULB	DEW POINT					WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG					STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0605									SEP 13	SUNSET: 1830									SUNRISE: 0608									SEP 19	SUNSET: 1823								
03	CLR	NC						10.00		72	69	70	91	5	36	29.87	29.98	03	SCT	NC							10.00		76	75	75	97	0	00	29.78	29.89	
06	FEW	NC						9.00		71	68	69	90	5	34	29.88	29.99	06	SCT	NC						10.00		75	75	75	100	0	00	29.80	29.91		
09	CLR	NC						9.00		80	71	74	74	6	04	29.91	30.02	09	BKN	020					10.00		84	77	79	80	5	21	29.84	29.95			
12	SCT	NC						10.00		89	73	78	59	7	05	29.88	30.00	12	SCT	NC					10.00		89	74	78	61	3	VR	29.83	29.94			
15	SCT	NC						10.00		92	71	77	51	9	03	29.83	29.94	15	SCT	NC					10.00		92	72	78	52	0	00	29.77	29.88			
18	SCT	NC						10.00		87	72	77	61	7	05	29.83	29.94	18	SCT	NC					10.00		86	76	79	72	8	16	29.77	29.88			
21	CLR	NC						10.00		77	73	74	88	0	00	29.87	29.98	21	SCT	NC					10.00		82	77	78	85	6	17	29.82	29.93			
24	CLR	NC						10.00		74	72	73	94	0	00	29.88	30.00	24	FEW	NC					10.00		77	75	76	94	0	00	29.84	29.95			
SUNRISE: 0606									SEP 14	SUNSET: 1829									SUNRISE: 0609									SEP 20	SUNSET: 1821								
03	CLR	NC						10.00		72	71	71	97	0	00	29.87	29.98	03	FEW	NC					10.00		76	75	75	97	0	00	29.84	29.95			
06	CLR	NC						10.00		71	70	70	96	0	00	29.89	30.00	06	SCT	NC					10.00		76	76	76	100	0	00	29.88	29.99			
09	CLR	NC						10.00		82	71	75	69	7	06	29.91	30.03	09	SCT	NC					10.00		84	77	79	80	6	23	29.90	30.01			
12	SCT	NC						10.00		89	68	75	50	7	05	29.89	30.01	12	SCT	NC					10.00		90	74	79	59	0	00	29.89	30.00			
15	SCT	NC						10.00		91	68	75	47	7	01	29.84	29.95	15	SCT	NC					10.00		93	72	78	50	5	05	29.83	29.95			
18	CLR	NC						10.00		86	70	75	59	8	07	29.84	29.95	18	BKN	250				10.00		89	73	78	59	8	07	29.82	29.93				
21	SCT	NC						9.00		78	72	74	82	0	00	29.86	29.97	21	SCT	NC					10.00		72	70	71	94	0	00	29.88	30.00			
24	SCT	NC						7.00		74	72	73	94	0	00	29.86	29.97	24	FEW	NC					9.00		72	71	71	97	0	00	29.88	29.99			
SUNRISE: 0606									SEP 15	SUNSET: 1828									SUNRISE: 0609									SEP 21	SUNSET: 1820								
03	FEW	NC						7.00		71	70	70	96	0	00	29.85	29.96	03	BKN	250					9.00		72	71	71	97	0	00	29.88	29.99			
06	SCT	NC						5.00	BR	70	70	70	100	0	00	29.87	29.98	06	SCT	NC					10.00	MIFG	71	71	71	100	0	00	29.90	30.02			
09	BKN	250						6.00	HZ	80	73	75	79	5	VR	29.90	30.01	09	SCT	NC					10.00		83	76	78	79	5	29	29.93	30.04			
12	BKN	250						8.00		87	68	74	53	5	21	29.89	30.00	12	BKN	250					10.00		89	74	78	61	3	31	29.90	30.01			
15	OVC	250						8.00		89	68	75	50	5	VR	29.82	29.94	15	BKN	047					10.00		84	72	76	67	7	12	29.83	29.94			
18	BKN	250						7.00		85	68	74	57	6	13	29.82	29.93	18	BKN	250					10.00		72	71	71	97	7	08	29.87	29.98			
21	SCT	NC						7.00		78	68	71	71	0	00	29.86	29.97	21	BKN	250					10.00		72	70	71	94	10	09	29.89	30.00			
24	SCT	NC						7.00		71	69	70	94	0	00	29.86	29.98	24	SCT	NC					7.00		70	69	69	97	0	00	29.88	30.00			
SUNRISE: 0607									SEP 16	SUNSET: 1826									SUNRISE: 0610									SEP 22	SUNSET: 1819								
03	SCT	NC						7.00		71	69	70	94	0	00	29.86	29.98	03	OVC	019					10.00		71	69	70	94	5	32	29.89	30.01			
06	FEW	NC						3.00	BR	71	70	70	96	0	00	29.89	30.00	06	OVC	024					7.00	RA	69	68	68	96	3	36	29.91	30.02			
09	FEW	NC						6.00	HZ	81	72	75	74	0	00	29.91	30.03	09	BKN	034					10.00	-RA	70	69	69	97	3	VR	29.94	30.05			
12	OVC	150						7.00		86	67	73	53	6	14	29.90	30.01	12	BKN	120					10.00		77	71	73	82	6	27	29.90	30.02			
15	BKN	250						8.00		88	67	74	50	8	11	29.84	29.96	15	BKN	250					10.00		84	70	74	63	0	00	29.84	29.96			
18	SCT	NC						8.00		83	69	74	63	10	13	29.84	29.95	18	BKN	031					10.00		82	73	76	74	7	13	29.83	29.94			
21	SCT	NC						9.00		77	71	73	82	8	10	29.88	29.99	21	OVC	250					10.00		74	73	73	97	0	00	29.88	30.00			
24	SCT	NC						5.00	BR	73	71	72	94	3	07	29.89	30.01	24	OVC	120					10.00		73	73	73	100	0	00	29.85	29.97			
SUNRISE: 0607									SEP 17	SUNSET: 1825									SUNRISE: 0610									SEP 23	SUNSET: 1818								
03	SCT	NC						5.00	BR	71	70	70	96	3	04	29.87	29.98	03	OVC	120					6.00		74	73	73	97	0	00	29.82	29.94			
06	CLR	NC						6.00	BR	70	70	70	100	0	00	29.89	30.01	06	OVC	015					10.00		73	73	73	100	0	00	29.84	29.96			
09	SCT	NC						8.00		82	72	75	72	7	18	29.92	30.03	09	OVC	023					10.00		74	70	71	88	0	00	29.88	29.99			
12	SCT	NC						10.00		88	69	75	54	7	18	29.89	30.00	12	OVC	010					8.00	-RA	72	70	71	94	0	00	29.93	30.04			
15	BKN	110						10.00		85	71	75	63	12	13	29.84	29.96	15	BKN	120					10.00		77	70	72	79	0	00	29.83	29.94			
18	BKN	250						10.00		82	70	74	67	10	13	29.84	29.96	18	OVC	050					10.00	TS	75	71	72	88	13	33	29.85	29.96			
21	SCT	NC						10.00		77	71	73	82	5	17	29.86	29.98	21	OVC	250					10.00		70	70	70	100	0	00	29.85	29.96			
24	FEW	NC						10.00		75	71	72	88	0	00	29.85	29.96	24	OVC	007					8.00		69	68	68	96	0	00	29.86	29.98			
SUNRISE: 0608									SEP 18	SUNSET: 1824									SUNRISE: 0611									SEP 24	SUNSET: 1816								
03	SCT	NC						10.00		73	71	72	94	0	00	29.81	29.93	03	VV	001					0.13	FG	69	69	69	100	3	30	29.84	29.96			
06	SCT	NC						7.00		71	71	71	100	0	00	29.82	29.93	06	OVC	004					7.00		69	68	68	96	3	34	29.88	29.99			
09	SCT	NC						10.00		83	74	77	74	8	15	29.81	29.93	09	OVC	006					6.00	BR	70	68	69	93	12	35	29.93	30.04			
12	SCT	NC						10.00		89	71	77	55	9	19	29.79	29.91	12	OVC	015					10.00		70	66	67	87	12	35	29.96	30.07			
15	SCT	NC						10.00		87	74	78	65	15	14	29.74	29.86	15	OVC	016					8.00		71	65	67	81	13	35	29.93	30.04			
18	BKN	055						10.00	-RA	82	77	78	85	10	11	29.73	29.85	18	OVC	026					7.00		69	64	66	84	7	36	29.93	30.05			
21	SCT	NC						10.00		79	75	76	88	6	17	29.77	29.88	21	OVC	041					10.00		67	64	65	91	5	35	29.99	30.10			
24	FEW	NC						10.00		77																											



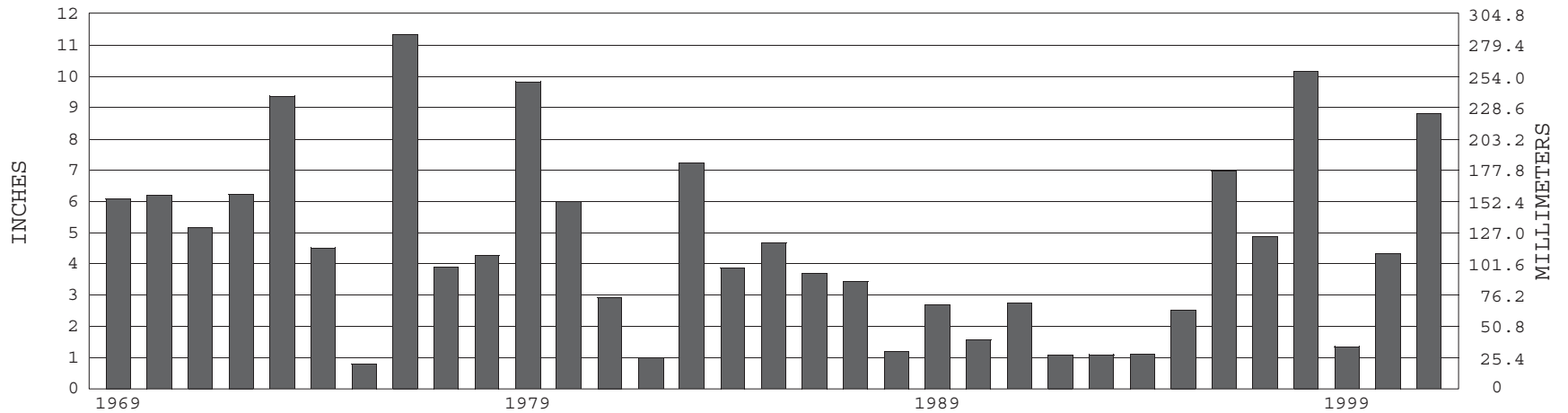
### HOUSTON, TX SEPTEMBER TEMPERATURES



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

Long-Term (1969-2001) Mean: 78.7      1961-1990 Normal: 78.2

### HOUSTON, TX SEPTEMBER PRECIPITATION



Long-Term (1969-2001) Mean Monthly Total: 4.58

1961-1990 Normal: 4.89



SEPTEMBER 2001  
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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