



JANUARY 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

JANUARY 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	11	12	13	14	15	16	17	18	19	20	21	22	23	24																																					
01	78	38	58	7	54	57	7	0	BR HZ	0		0.0	0.00	29.90	30.03	6.8	14	6.9	24	14	18	13	01																																				
02	81	69	75*	24	66	68	0	10		0		0.0	0.00	29.80	29.92	11.0	15	11.3	26	16	20	14	02																																				
03	76	58	67	16	44	58	0	2	RA	0		0.0	0.01	29.78	29.91	6.3	24	10.7	28	15	20	28	03																																				
04	58	28	43	-8	26	37	22	0		0		0.0	0.00	30.25	30.37	10.3	30	10.7	35*	30	24	29	04																																				
05	58	24*	41	-9	32	38	24	0		0		0.0	0.00	30.19	30.31	6.8	10	7.0	21	09	17	10	05																																				
06	63	46	55	5	49	53	10	0	RA	0		0.0	T	30.12	30.24	10.0	07	10.5	20	01	17	10	06																																				
07	69	55	62	12	44	52	3	0	RA	0		0.0	T	30.15	30.27	14.1	08	14.9	33	10	28*	09	07																																				
08	60	53	57	7	54	55	8	0	RA DZ BR	0		0.0	0.38	29.94	30.06	2.2	05	7.3	24	07	20	10	08																																				
09	73	44	59	9	55	56	6	0	FG+ BR	0		0.0	0.00	29.80	29.92	2.9	20	4.3	20	18	14	19	09																																				
10	75	44	60	10	43	52	5	0	FG+ MIFG BCFG BR	0		0.0	0.00	29.85	29.97	3.3	23	4.1	13	23	13	23	10																																				
11	79	52	66	16	60	62	0	1	FG+ BR HZ	0		0.0	0.00	29.92	30.05	3.9	19	5.0	16	16	13	19	11																																				
12	81	67	74	24	66	69	0	9		0		0.0	0.00	29.94	30.06	8.4	17	8.8	23	18	15	18	12																																				
13	81	59	70	20	56	63	0	5	RA BR	0		0.0	T	30.16	30.29	4.5	36	7.6	26	35	20	02	13																																				
14	67	44	56	6	23	42	9	0		0		0.0	0.00	30.46	30.59	9.1	06	10.1	29	04	21	06	14																																				
15	74	39	57	7	49	52	8	0		0		0.0	0.00	30.32	30.45	6.6	11	7.3	26	15	20	13	15																																				
16	79	51	65	15	56	59	0	0	MIFG BR	0		0.0	0.00	30.21	30.34	5.8	13	6.4	23	14	17	15	16																																				
17	79	49	64	14	57	60	1	0	FG+ BCFG BR	0		0.0	0.00	30.14	30.27	3.8	14	4.8	17	15	13	14	17																																				
18	81	58	70	20	60	64	0	5	BR	0		0.0	0.00	30.00	30.12	6.0	21	6.6	22	22	17	22	18																																				
19	81*	64	73	23	61	65	0	8		0		0.0	0.00	29.83	29.96	6.3	21	7.2	22	20	16	20	19																																				
20	65	42	54	4	37	47	11	0		0		0.0	0.00	30.03	30.15	7.3	36	8.1	26	36	18	35	20																																				
21	59	41	50	0	36	44	15	0		0		0.0	0.00	30.01	30.13	10.5	07	11.1	24	03	20	06	21																																				
22	77	55	66	16	59	62	0	1	FG BR	0		0.0	0.00	29.75	29.88	6.1	17	6.9	24	18	16	18	22																																				
23	74	55	65	14	58	61	0	0	BR	0		0.0	0.00	29.81	29.93	3.5	30	5.2	25	32	20	32	23																																				
24	58	36	47	-4	34	42	18	0		0		0.0	0.00	30.06	30.18	4.2	33	5.2	13	30	10	31	24																																				
25	64	33	49	-2	32	40	16	0		0		0.0	0.00	30.02	30.15	4.0	33	4.6	18	36	14	28	25																																				
26	48	36	42	-9	24	36	23	0		0		0.0	0.00	30.08	30.21	9.0	06	10.3	24	04	18	06	26																																				
27	52	35	44	-7	36	39	21	0	RA DZ BR	0		0.0	0.86	29.96	30.09	10.7	05	15.0	33	36	23	36	27																																				
28	40	34	37*	-14	33	35	28	0		0		0.0	0.00	30.14	30.26	9.8	33	10.0	21	35	15	30	28																																				
29	44	33	39	-12	29	34	26	0		0		0.0	0.00	30.23	30.35	7.9	34	8.4	20	36	16	36	29																																				
30	53	32	43	-8	29	37	22	0		0		0.0	0.00	30.23	30.35	6.8	01	7.1	18	35	12	01	30																																				
31	58	41	50	-1	33	41	15	0		0		0.0	0.00	30.13	30.25	6.9	07	8.2	18	12	15	12	31																																				
										67.3		45.6	56.5	■ ■	45.0	51.0	9.6	1.3	< MONTHLY AVERAGES		TOTALS-->		0.0	1.25	30.04		2.0	08	8.1	<- MONTHLY AVERAGES																													
										6.3	5.9	6.1	■ ■	<----- DEPARTURE FROM NORMAL ----->										-2.04	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																																		
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.86 DATE: 27										SEA LEVEL PRESSURE DATE TIME																																							
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE:										MAXIMUM : 30.66 14 1053																													
HEATING: 298 -170										818 -236										GREATEST SNOW DEPTH: 0 DATE:										MINIMUM : 29.78 03 0453																													
COOLING: 41 25										41 25										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 0										MINIMUM TEMP ≤ 32: 3										PRECIPITATION ≥ 0.01 INCH : 3									
																				MAXIMUM TEMP ≤ 32 : 0										MINIMUM TEMP ≤ 0 : 0										PRECIPITATION ≥ 0.10 INCH : 2																			
																				THUNDERSTORMS : 0										HEAVY FOG : 4										SNOWFALL ≥ 1.0 INCH : 0																			

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

JANUARY 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													01												01		0.00		
02													02												02		0.00		
03							0.01	T					03												03		0.01		
04													04												04		0.00		
05													05												05		0.00		
06						T	T	T					06												06		T		
07	T			0.01	0.08	0.07	0.11	0.10	T	T			07			T	T	T	T	T	T	T	T	T	07		T		
08													08												08		0.38		
09													09												09		0.00		
10													10												10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13							T						13												13		T		
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												23		0.00		
24													24												24		0.00		
25													25												25		0.00		
26													26												26		0.00		
27											T		27	T	0.01	0.26	0.28	0.15	0.16	T			T	27		0.86			
28													28											T	28		0.00		
29													29												29		0.00		
30													30												30		0.00		
31													31												31		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)												
Ending Date												
Ending Time (Hour/Min)												

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 JANUARY 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							2.50	10.00	
02	0	0					8.00	10.00	
03	0	0					7.00	10.00	
04	0	0					10.00	10.00	
05	0	0					10.00	10.00	
06	0	0					10.00	10.00	
07							9.00	10.00	
08							.25	10.00	
09							<.25	10.00	
10							<.25	10.00	
11							.00	10.00	
12							7.00	10.00	
13							6.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							1.25	10.00	
17	0	0					<.25	10.00	
18	0	0					2.50	10.00	
19	0	0					10.00	10.00	
20							10.00	10.00	
21	0	0					9.00	10.00	
22							.50	10.00	
23	0	0					5.00	10.00	
24							10.00	10.00	
25							7.00	10.00	
26							10.00	10.00	
27							1.00	10.00	
28							8.00	10.00	
29							7.00	10.00	
30							10.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							6.45	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					
5		9		19					

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JANUARY 2000

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 Otktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT Otktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL									
			SUNRISE: 0717			JAN 01				SUNSET: 1733							SUNRISE: 0718			JAN 07				SUNSET: 1737														
03	CLR	NC			9.00								42	39	41	89	0	00	29.92	30.05	03	OVC	022				10.00				57	48	52	72	13	07	30.19	30.31
06	CLR	NC			4.00								39	38	39	96	0	00	29.92	30.05	06	OVC	095				10.00				56	47	51	72	12	07	30.18	30.30
09	SCT	NC			4.00								51	47	49	86	0	00	29.96	30.09	09	OVC	037		-RA		10.00				55	47	51	74	9	04	30.23	30.35
12	BKN	013			10.00								71	59	64	66	7	13	29.93	30.05	12	OVC	055				10.00				61	46	53	58	10	04	30.21	30.33
15	BKN	037			10.00								77	64	69	64	14	13	29.85	29.98	15	BKN	120				10.00				69	42	55	38	24	10	30.10	30.22
18	BKN	038			10.00								70	66	67	87	13	13	29.85	29.98	18	OVC	075				10.00				61	38	50	43	20	10	30.10	30.23
21	OVC	012			10.00								69	66	67	90	12	15	29.86	29.99	21	OVC	060				10.00				61	39	50	44	20	10	30.08	30.21
24	OVC	014			10.00								69	66	67	90	9	15	29.86	29.98	24	OVC	048				10.00				60	45	52	58	18	10	30.04	30.16
			SUNRISE: 0717			JAN 02				SUNSET: 1733							SUNRISE: 0718			JAN 08				SUNSET: 1738														
03	OVC	016			10.00								70	65	67	84	10	15	29.83	29.96	03	OVC	024				10.00				60	50	55	70	13	09	30.00	30.13
06	OVC	015			10.00								70	66	67	87	9	15	29.83	29.95	06	OVC	018			7.00	RA			55	54	54	96	10	07	29.97	30.09	
09	OVC	038			8.00								71	67	68	87	8	15	29.87	29.99	09	OVC	008			2.50	-RA BR			53	53	53	100	10	03	29.99	30.11	
12	BKN	030			10.00								80	64	70	58	14	18	29.85	29.97	12	OVC	003			0.25	BR			57	56	56	96	7	VR	29.94	30.07	
15	BKN	048			10.00								80	61	68	52	12	17	29.75	29.87	15	OVC	003			0.25	BR			58	57	57	97	7	26	29.87	29.99	
18	OVC	024			10.00								73	66	69	79	15	13	29.74	29.87	18	OVC	003			0.25	BR			55	55	55	100	6	30	29.88	30.01	
21	OVC	024			10.00								71	67	68	87	14	14	29.75	29.87	21	OVC	001			0.25	DZ BR			53	53	53	100	0	00	29.90	30.03	
24	OVC	023			10.00								71	67	68	87	10	15	29.73	29.85	24	OVC	008			7.00				53	52	52	96	0	00	29.88	30.00	
			SUNRISE: 0718			JAN 03				SUNSET: 1734							SUNRISE: 0718			JAN 09				SUNSET: 1739														
03	OVC	018			10.00								72	67	69	84	12	14	29.67	29.80	03	OVC	001			5.00	BR			45	45	45	100	3	14	29.85	29.97	
06	OVC	021			10.00								73	67	69	81	9	20	29.72	29.84	06	VV	001			< .25	FG			50	50	50	100	0	00	29.84	29.96	
09	BKN	070			10.00								72	66	68	82	15	20	29.75	29.88	09	VV	001			0.25	FG			53	53	53	100	5	21	29.87	29.99	
12	OVC	030			10.00								71	40	55	32	8	29	29.77	29.89	12	FEW	NC			9.00				64	56	59	75	7	VR	29.81	29.94	
15	BKN	049			10.00								74	28	52	18	9	26	29.72	29.85	15	FEW	NC			10.00				72	57	63	60	7	17	29.70	29.83	
18	SCT	NC			10.00								67	25	48	20	6	28	29.80	29.92	18	SCT	NC			10.00				68	60	63	76	8	18	29.69	29.82	
21	FEW	NC			10.00								62	22	45	21	12	28	29.92	30.05	21	CLR	NC			10.00				64	60	62	87	6	21	29.76	29.88	
24	SCT	NC			7.00								58	18	42	21	13	28	30.00	30.13	24	CLR	NC			6.00	BR			57	57	57	100	0	00	29.80	29.92	
			SUNRISE: 0718			JAN 04				SUNSET: 1735							SUNRISE: 0718			JAN 10				SUNSET: 1739														
03	FEW	NC			10.00								47	28	39	48	15	29	30.11	30.23	03	VV	001			0.50	FG			53	53	53	100	3	VR	29.81	29.93	
06	CLR	NC			10.00								44	29	38	55	16	30	30.17	30.30	06	VV	001			< .25	FG			48	48	48	100	0	00	29.83	29.95	
09	FEW	NC			10.00								43	28	37	56	14	29	30.29	30.42	09	CLR	NC			10.00				49	44	47	83	0	00	29.88	30.01	
12	CLR	NC			10.00								48	27	39	44	16	31	30.30	30.43	12	CLR	NC			10.00				69	39	54	33	6	24	29.89	30.01	
15	CLR	NC			10.00								52	25	41	35	14	32	30.25	30.38	15	CLR	NC			10.00				75	28	53	17	13	23	29.83	29.95	
18	CLR	NC			10.00								47	20	37	34	6	30	30.28	30.41	18	FEW	NC			10.00				70	31	51	24	6	22	29.83	29.96	
21	CLR	NC			10.00								34	25	31	70	5	29	30.32	30.45	21	CLR	NC			10.00				64	42	53	45	5	21	29.86	29.99	
24	CLR	NC			10.00								28	23	26	81	0	00	30.32	30.45	24	CLR	NC			10.00				58	51	54	78	0	00	29.89	30.01	
			SUNRISE: 0718			JAN 05				SUNSET: 1736							SUNRISE: 0718			JAN 11				SUNSET: 1740														
03	CLR	NC			10.00								27	22	25	81	0	00	30.28	30.41	03	CLR	NC			6.00	BR			53	53	53	98	0	00	29.90	30.02	
06	CLR	NC			10.00								26	21	24	81	0	00	30.27	30.39	06	VV	001			0.25	FG			59	59	59	100	9	22	29.91	30.03	
09	FEW	NC			10.00								38	30	35	73	6	08	30.27	30.40	09	OVC	007			6.00	BR			63	61	62	93	7	24	29.97	30.09	
12	FEW	NC			10.00								52	29	42	41	13	10	30.23	30.36	12	FEW	NC			10.00				71	61	65	71	9	21	29.96	30.08	
15	FEW	NC			10.00								58	36	48	44	13	12	30.12	30.25	15	CLR	NC			10.00				78	61	67	56	6	VR	29.88	30.01	
18	FEW	NC			10.00								51	41	46	69	14	10	30.08	30.21	18	CLR	NC			10.00				69	62	65	78	0	00	29.89	30.02	
21	FEW	NC			10.00								48	42	45	80	12	10	30.09	30.21	21	SCT	NC			10.00				64	59	61	84	6	15	29.95	30.07	
24	SCT	NC			10.00								46	44	45	93	7	06	30.07	30.20	24	OVC	004			5.00	BR			67	66	66	97	8	15	29.95	30.08	
			SUNRISE: 0718			JAN 06				SUNSET: 1736							SUNRISE: 0718			JAN 12				SUNSET: 1741														
03	OVC	050			10.00								50	46	48	86	6	04	30.05	30.18	03	BKN	008			10.00				69	66	67	90	10	16	29.93	30.05	
06	OVC	065			10.00								51	49	50	92	9	07	30.08	30.21	06	BKN	012			10.00				68	66	67	93	9	15	29.92	30.05	
09	OVC	040			10.00								55	50	52	83	14	08	30.12	30.25	09	OVC	012			10.00				70	66	67	87	8	14	29.97	30.10	
12	OVC	090			10.00								60	51	55	72	13	08	30.13	30.26	12	BKN	030			10.00				77	66	70	69					

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JANUARY 2000

IAH

WBAN # 12960

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	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	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB
SUNRISE: 0718				JAN 13				SUNSET: 1742				SUNRISE: 0717				JAN 19				SUNSET: 1747					
03	OVC	017		10.00	71	67	68	87	5	20	30.00	30.13	03	CLR	NC		10.00	65	62	63	90	5	22	29.89	30.01
06	OVC	022		10.00	70	68	69	93	3	23	30.04	30.16	06	OVC	008		10.00	64	62	63	93	7	VR	29.88	30.00
09	OVC	026		6.00	71	68	69	90	0	00	30.11	30.24	09	OVC	009		10.00	66	63	64	90	8	21	29.89	30.02
12	OVC	043		10.00	74	65	68	74	6	29	30.15	30.28	12	BKN	020		10.00	73	63	67	71	9	23	29.86	29.98
15	SCT	NC		10.00	78	62	68	58	6	30	30.13	30.25	15	SCT	NC		10.00	79	59	67	50	9	19	29.74	29.87
18	SCT	NC		10.00	70	47	57	44	17	02	30.23	30.36	18	SCT	NC		10.00	77	59	66	54	3	17	29.73	29.85
21	OVC	060		10.00	64	28	48	26	12	04	30.35	30.47	21	FEW	NC		10.00	69	60	64	73	8	20	29.77	29.89
24	BKN	080		10.00	60	26	45	27	12	03	30.40	30.53	24	FEW	NC		10.00	64	60	62	87	3	19	29.86	29.98
SUNRISE: 0718				JAN 14				SUNSET: 1743				SUNRISE: 0717				JAN 20				SUNSET: 1748					
03	BKN	085		10.00	56	21	42	26	12	03	30.43	30.56	03	CLR	NC		10.00	61	51	56	70	8	35	29.92	30.04
06	SCT	NC		10.00	51	17	38	26	12	03	30.46	30.59	06	FEW	NC		10.00	52	43	48	72	3	33	29.98	30.10
09	FEW	NC		10.00	51	19	39	28	15	05	30.52	30.64	09	SCT	NC		10.00	56	39	48	53	14	35	30.06	30.19
12	FEW	NC		10.00	61	18	44	19	14	07	30.52	30.65	12	SCT	NC		10.00	61	33	48	35	7	35	30.09	30.21
15	CLR	NC		10.00	66	18	46	16	13	09	30.43	30.56	15	FEW	NC		10.00	64	30	48	28	13	36	30.03	30.15
18	SCT	NC		10.00	57	23	43	27	8	06	30.43	30.55	18	SCT	NC		10.00	57	29	45	34	7	36	30.04	30.17
21	CLR	NC		10.00	50	37	44	61	5	14	30.45	30.58	21	FEW	NC		10.00	47	32	41	56	3	03	30.08	30.20
24	CLR	NC		10.00	45	36	41	71	5	11	30.44	30.57	24	FEW	NC		10.00	42	29	37	60	6	06	30.06	30.19
SUNRISE: 0718				JAN 15				SUNSET: 1744				SUNRISE: 0717				JAN 21				SUNSET: 1749					
03	BKN	250		10.00	41	36	39	82	0	00	30.39	30.51	03	OVC	047		10.00	43	30	38	60	5	01	30.06	30.19
06	OVC	026		10.00	41	34	38	76	0	00	30.38	30.50	06	BKN	049		10.00	46	28	39	50	15	07	30.10	30.22
09	BKN	250		10.00	54	47	50	77	9	07	30.38	30.50	09	OVC	049		10.00	46	22	37	38	13	05	30.10	30.23
12	SCT	NC		10.00	71	56	62	59	18	13	30.35	30.47	12	OVC	050		9.00	49	28	40	45	8	05	30.08	30.21
15	BKN	250		10.00	72	56	63	57	14	13	30.25	30.38	15	OVC	042		10.00	52	37	45	57	14	09	29.97	30.10
18	BKN	250		10.00	65	57	60	76	12	12	30.24	30.37	18	OVC	019		10.00	52	44	48	75	16	08	29.92	30.04
21	SCT	NC		10.00	58	56	57	93	6	13	30.26	30.39	21	OVC	014		10.00	54	49	51	83	13	10	29.90	30.03
24	BKN	250		10.00	57	56	56	96	3	13	30.24	30.36	24	OVC	025		10.00	59	55	57	87	6	09	29.84	29.97
SUNRISE: 0718				JAN 16				SUNSET: 1744				SUNRISE: 0716				JAN 22				SUNSET: 1750					
03	SCT	NC		9.00	57	56	56	96	3	09	30.23	30.35	03	BKN	026		10.00	63	61	62	93	9	15	29.78	29.90
06	BKN	033		7.00	52	52	52	100	0	00	30.23	30.36	06	SCT	NC	BR	4.00	57	57	57	100	3	13	29.77	29.89
09	SCT	NC		10.00	64	61	62	90	8	12	30.27	30.40	09	BKN	250		7.00	65	63	64	93	5	17	29.79	29.92
12	SCT	NC		10.00	76	57	65	52	15	15	30.25	30.37	12	BKN	120		10.00	75	59	65	58	14	18	29.76	29.89
15	BKN	050		10.00	76	57	65	52	13	12	30.16	30.29	15	OVC	060		10.00	75	58	65	55	12	21	29.70	29.82
18	BKN	250		10.00	70	57	62	64	10	14	30.17	30.29	18	BKN	130		10.00	72	59	64	64	7	18	29.70	29.82
21	FEW	NC		10.00	61	58	59	90	6	13	30.18	30.31	21	OVC	250		10.00	68	59	63	73	3	18	29.73	29.86
24	CLR	NC		10.00	53	53	53	100	0	00	30.21	30.33	24	BKN	250		10.00	59	57	58	93	0	00	29.75	29.88
SUNRISE: 0718				JAN 17				SUNSET: 1745				SUNRISE: 0716				JAN 23				SUNSET: 1750					
03	VV	001		0.75	54	54	54	100	0	00	30.18	30.30	03	BKN	250		10.00	58	57	57	97	0	00	29.74	29.87
06	VV	001		< .25	51	51	51	100	3	11	30.17	30.29	06	OVC	005		8.00	61	60	60	97	5	13	29.75	29.87
09	CLR	NC		1.50	60	60	60	100	5	07	30.22	30.34	09	OVC	017		7.00	65	63	64	93	5	21	29.79	29.91
12	BKN	050		10.00	76	58	65	54	9	18	30.19	30.31	12	OVC	015		8.00	69	63	65	81	7	VR	29.80	29.93
15	BKN	250		10.00	77	55	64	47	7	14	30.09	30.21	15	OVC	250		10.00	74	62	67	67	7	30	29.73	29.86
18	BKN	250		10.00	71	59	64	66	8	14	30.09	30.21	18	OVC	250		10.00	71	61	65	71	3	29	29.76	29.89
21	SCT	NC		10.00	67	62	64	84	7	16	30.10	30.23	21	SCT	NC		10.00	61	49	55	65	12	33	29.93	30.05
24	CLR	NC		10.00	63	60	61	90	3	VR	30.06	30.19	24	FEW	NC		10.00	55	45	50	69	7	34	30.01	30.13
SUNRISE: 0717				JAN 18				SUNSET: 1746				SUNRISE: 0716				JAN 24				SUNSET: 1751					
03	SCT	NC		10.00	58	58	58	100	0	00	30.04	30.16	03	CLR	NC		10.00	50	40	45	68	5	33	30.05	30.18
06	OVC	003		3.00	63	62	62	97	5	22	30.04	30.16	06	CLR	NC		10.00	45	40	43	83	7	34	30.07	30.19
09	BKN	006		3.00	65	63	64	93	7	24	30.08	30.21	09	FEW	NC		10.00	46	38	42	73	12	33	30.13	30.25
12	SCT	NC		10.00	74	61	66	64	13	21	30.03	30.16	12	BKN	250		10.00	54	31	44	42	7	VR	30.13	30.26
15	SCT	NC		10.00	81	58	67	46	8	20	29.93	30.06	15				10.00	57	28	44	33	7	VR	30.05	
18	SCT	NC		10.00	76	58	65	54	6	18	29.92	30.05	18	BKN	250		10.00	53	27	42	37	3	34	30.02	
21	FEW	NC		10.00	69	59	63	70	7	19	29.95	30.08	21	SCT	NC		10.00	42	31	38	65	0	00	30.00	
24	CLR	NC		10.00	65	61	63	87	5	18	29.94	30.06	24	BKN	250		10.00	37	31	35	79	0	00	29.99	

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

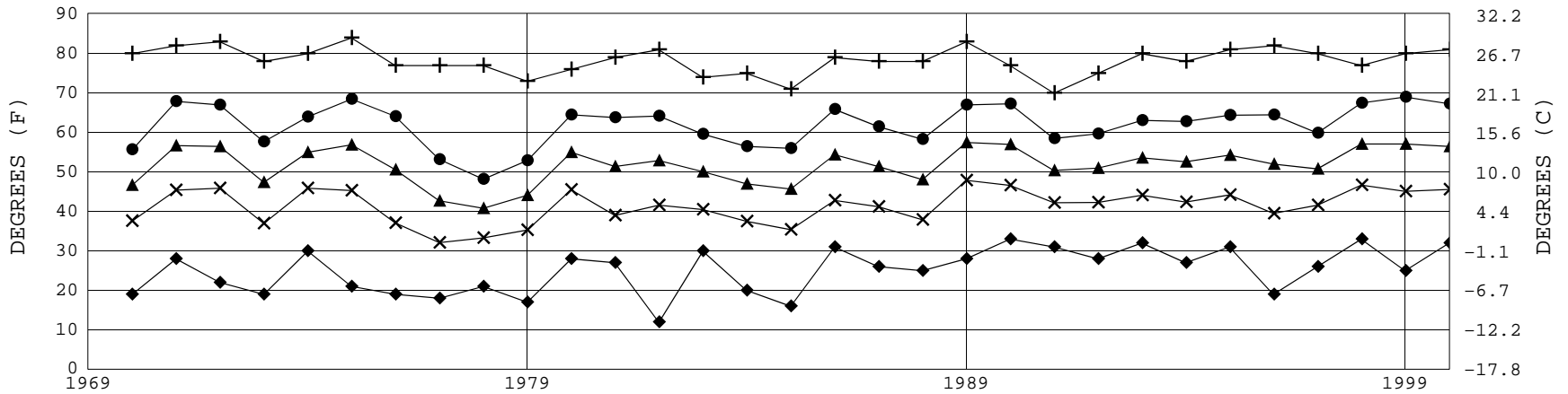
JANUARY 2000

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		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	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG
SUNRISE: 0715							JAN 25	SUNSET: 1752							SUNRISE: 0712							JAN 31	SUNSET: 1757						
03	BKN	250			10.00		35	31	33	85	0	00	29.96	30.09	03	OVC	075			10.00		43	33	39	68	5	03	30.18	30.30
06	FEW	NC			10.00		35	32	34	89	5	01	29.98	30.11	06	OVC	070			10.00		41	33	38	74	6	02	30.16	30.29
09	OVC	250			7.00		40	37	39	89	6	02	30.04	30.17	09	OVC	060			10.00		41	32	37	70	7	01	30.20	30.33
12	BKN	250			10.00		57	33	46	41	6	33	30.06	30.19	12	SCT	NC			10.00		51	29	42	43	12	09	30.16	30.29
15	BKN	250			10.00		62	30	48	30	6	32	29.97	30.10	15	BKN	070			10.00		57	29	45	34	14	08	30.06	30.18
18	SCT	NC			10.00		54	29	43	38	6	30	30.02	30.15	18	OVC	055			10.00		53	33	44	47	12	12	30.06	30.19
21	FEW	NC			10.00		48	30	40	50	5	31	30.07	30.20	21	OVC	050			10.00		50	36	44	59	10	10	30.06	30.19
24	BKN	250			10.00		45	25	37	46	8	34	30.08	30.21	24	OVC	065			10.00		50	37	44	61	9	04	30.06	30.18
SUNRISE: 0715							JAN 26	SUNSET: 1753							3-HOURLY OBSERVATION NOTES														
03	CLR	NC			10.00		43	22	35	43	6	03	30.09	30.22	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	BKN	250			10.00		37	20	31	50	5	01	30.09	30.22	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.														
09	OVC	080			10.00		41	24	35	51	12	06	30.14	30.27	NC= No ceiling detected.														
12	OVC	070			10.00		45	22	36	40	13	08	30.13	30.25	& = Original observation contained additional weather elements.														
15	OVC	055			10.00		48	25	39	41	9	08	30.05	30.18	See page 3 for additional notes.														
18	OVC	046			10.00		47	27	39	46	15	10	30.03	30.16															
21	OVC	035			10.00		46	28	39	50	15	05	30.05	30.18															
24	OVC	031			10.00		45	26	37	48	14	07	30.03	30.16															
SUNRISE: 0714							JAN 27	SUNSET: 1754																					
03	OVC	029			10.00		44	28	38	53	17	07	29.97	30.10															
06	OVC	025			10.00		44	30	38	58	21	07	29.98	30.11															
09	OVC	021			9.00		44	33	39	65	18	08	29.96	30.09															
12	OVC	015			10.00		47	41	44	80	17	07	29.91	30.04															
15	OVC	007			1.50	-RA	46	46	46	100	14	30	29.86	29.98															
18	OVC	037			5.00	+RA BR	37	37	37	100	9	31	29.95	30.08															
21	OVC	008			10.00	RA BR	36	35	36	97	9	34	30.03	30.16															
24	OVC	010			10.00		36	35	36	100	8	33	30.06	30.19															
SUNRISE: 0714							JAN 28	SUNSET: 1755																					
03	OVC	007			10.00		36	35	36	97	8	34	30.07	30.19															
06	OVC	009			10.00		36	34	35	93	9	34	30.07	30.20															
09	OVC	011			10.00		37	34	36	89	12	33	30.16	30.29															
12	OVC	015			10.00		39	34	37	82	10	30	30.18	30.31															
15	OVC	015			10.00		38	33	36	83	12	33	30.13	30.25															
18	OVC	015			10.00		36	32	34	86	8	32	30.12	30.25															
21	OVC	015			10.00		35	31	33	85	8	33	30.19	30.31															
24	OVC	013			8.00		34	31	33	89	12	33	30.22	30.35															
SUNRISE: 0713							JAN 29	SUNSET: 1756																					
03	OVC	011			8.00		33	30	32	89	7	32	30.20	30.33															
06	OVC	011			10.00		33	30	32	89	7	31	30.22	30.34															
09	OVC	013			9.00		34	29	32	82	7	31	30.26	30.39															
12	OVC	019			10.00		38	29	34	70	10	33	30.26	30.39															
15	BKN	065			10.00		43	29	37	58	9	33	30.18	30.30															
18	BKN	060			10.00		40	29	36	65	9	02	30.19	30.32															
21	OVC	050			10.00		37	28	34	70	9	36	30.25	30.37															
24	OVC	055			10.00		36	29	33	76	8	34	30.27	30.40															
SUNRISE: 0713							JAN 30	SUNSET: 1757																					
03	OVC	060			10.00		34	28	32	79	7	01	30.26	30.39															
06	OVC	070			10.00		33	28	31	82	9	01	30.26	30.39															
09	SCT	NC			10.00		34	28	32	79	8	02	30.29	30.42															
12	BKN	060			10.00		45	27	38	49	7	36	30.26	30.38															
15	OVC	250			10.00		52	27	42	38	8	01	30.17	30.29															
18	OVC	075			10.00		49	30	41	48	6	36	30.17	30.29															
21	OVC	070			10.00		47	30	40	52	8	02	30.19	30.31															
24	OVC	075			10.00		45	31	39	58	7	04	30.20	30.33															

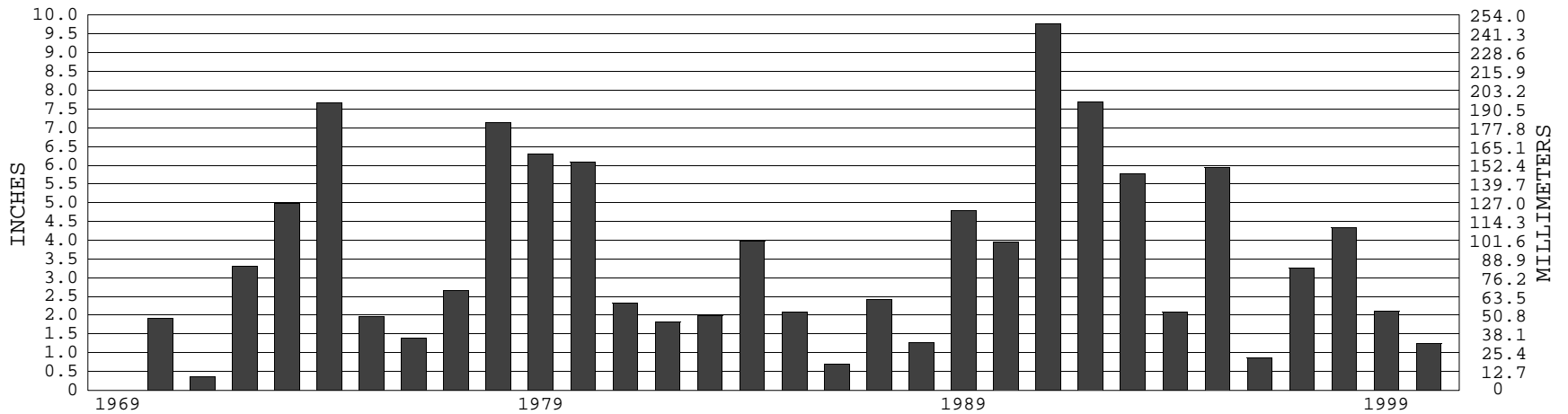
HOUSTON, TX JANUARY TEMPERATURES



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

Long-Term (1969-2000) Mean: 50.1 1961-1990 Normal: 50.4

HOUSTON, TX JANUARY PRECIPITATION



Long-Term (1969-2000) Mean Monthly Total: 3.51

1961-1990 Normal: 3.29



**JANUARY 2000
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.

DIRECTOR

NOTICE

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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