



JANUARY 2002

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

JANUARY 2002
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		DEPTH	WATER EQUIV	SNOW FALL	WATER EQUIV	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	45	37	41	-11	25	35	24	0	RA	0		0.0	T	30.16	30.27	9.3	02	9.8	22	03	17	35	01																										
02	45	30	38	-14	21	31	27	0		0		0.0	0.00	30.26	30.37	7.6	34	8.2	25	01	18	01	02																										
03	45	25	35*	-17	18	28	30	0		0		0.0	0.00	30.33	30.44	3.7	33	4.4	17	34	13	32	03																										
04	53	23*	38	-14	33	37	27	0	HZ	0		0.0	0.00	30.19	30.30	8.2	11	8.8	24	11	21	14	04																										
05	56	45	51	-1	48	49	14	0	RA BR	0		0.0	0.83	29.89	30.00	4.3	35	10.0	28	04	24	04	05																										
06	62	38	50	-2	36	43	15	0		0		0.0	0.00	30.08	30.19	6.7	29	7.0	20	32	16	30	06																										
07	58	31	45	-7	28	37	20	0		0		0.0	0.00	30.23	30.35	4.4	31	5.3	22	33	16	31	07																										
08	65	29	47	-4	36	43	18	0		0		0.0	0.00	30.14	30.25	2.9	20	4.1	17	19	13	21	08																										
09	74	45	60	9	55	58	5	0		0		0.0	0.00	29.98	30.09	7.1	18	7.4	22	20	17	18	09																										
10	75	56	66	15	60	62	0	1		0		0.0	0.00	29.89	30.00	5.2	19	6.3	18	19	14	19	10																										
11	64	52	58	7	48	52	7	0	RA	0		0.0	0.01	30.03	30.14	6.5	35	6.9	20	33	15	34	11																										
12	68	40	54	3	36	46	11	0		0		0.0	0.00	30.02	30.13	6.9	33	7.1	23	32	16	33	12																										
13	66	33	50	-1	39	45	15	0		0		0.0	0.00	29.87	29.98	5.2	17	6.0	18	17	15	18	13																										
14	71	41	56	5	36	46	9	0		0		0.0	0.00	29.94	30.05	5.4	36	5.9	21	36	17	02	14																										
15	63	32	48	-3	35	42	17	0		0		0.0	0.00	30.13	30.24	5.1	13	5.8	21	12	17	09	15																										
16	73	39	56	5	50	53	9	0		0		0.0	0.00	30.01	30.13	4.8	15	6.0	22	16	18	16	16																										
17	75	56	66	14	62	63	0	1	RA FG+ BR	0		0.0	T	29.95	30.06	3.3	13	5.7	15	32	13	31	17																										
18	60	51	56	4	54	55	9	0	RA FG+ BR	0		0.0	0.03	29.94	30.05	4.9	06	7.7	16	13	14	13	18																										
19	68	37	53	1	49	52	12	0	RA FG+ BR	0		0.0	0.07	29.92	30.03	5.5	34	6.8	25	35	20	32	19																										
20	56	33	45	-7	43	45	20	0	DZ FG BR	0		0.0	T	29.92	30.03	5.2	12	5.9	16	15	15	14	20																										
21	70	50	60	8	48	53	5	0	DZ FG+ BR HZ	0		0.0	T	29.98	30.10	2.1	09	4.4	15	15	13	15	21																										
22	76	54	65	13	63	64	0	0	RA BR HZ	0		0.0	T	29.89	30.00	7.3	15	8.5	20	17	16	17	22																										
23	76	70	73	21	69	70	0	8	RA	0		0.0	T	29.80	29.91	11.1	17	11.2	26	15	21	15	23																										
24	73	49	61	9	59	60	4	0	RA BR	0		0.0	0.23	29.84	29.95	2.3	01	11.4	25	36	21	36	24																										
25	61	38	50	-2	32	41	15	0		0		0.0	0.00	30.17	30.28	8.2	36	8.6	25	01	21	01	25																										
26	60	33	47	-5	35	41	18	0		0		0.0	0.00	30.14	30.26	1.2	09	1.4	10	08	9	13	26																										
27	72	39	56	4	46	50	9	0		0		0.0	0.00	30.02	30.13	2.6	16	2.9	14	13	13	13	27																										
28	80	50	65	12	64	65	0	0	DZ FG+ BR HZ	0		0.0	T	29.93	30.04	5.6	17	5.9	22	17	15	15	28																										
29	80*	67	74*	21	66	68	0	9	RA BR	0		0.0	T	29.86	29.98	10.7	16	10.9	29	15	23	16	29																										
30	79	67	73	20	68	69	0	8	BR	0		0.0	0.00	29.80	29.91	14.8	16	15.0	32*	15	26*	16	30																										
31	77	46	62	9	55	58	3	0	RA	0		0.0	0.07	29.91	30.02	2.3	28	12.3	30	33	22	33	31																										
66.0										43.1		54.6		■ ■		45.7		50.4		11.1		0.9		< MONTHLY AVERAGES		TOTALS->		0.0		1.24		30.01		30.12		1.0		13		7.4		<- MONTHLY AVERAGES							
3.7										1.9		2.8		■ ■		<-----DEPARTURE FROM NORMAL----->																				-2.44		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.83 DATE :05										SEA LEVEL PRESSURE										DATE		TIME																	
MONTHLY										GREATEST 24-HR SNOWFALL: 0.0 DATE :										MAXIMUM										:		30.53		03 0953															
TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE :										MINIMUM										:		29.82		24 0453															
HEATING: 343										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 0										MINIMUM TEMP ≤ 32: 6										PRECIPITATION ≥ 0.01 INCH: 6									
COOLING: 27										SEASON TO DATE TOTAL DEPARTURE 822 -232										MAXIMUM TEMP ≤ 32: 0										MINIMUM TEMP ≤ 0: 0										PRECIPITATION ≥ 0.10 INCH: 2									
																				THUNDERSTORMS: 0										HEAVY FOG: 5										SNOWFALL ≥ 1.0 INCH: 0									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

JANUARY 2002

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				T			T					01		T		
02													02												02		0.00		
03													03												03		0.00		
04													04												04		0.00		
05				T	T	T	0.05	0.01	0.22	0.32	0.13	0.06	05	0.01				0.03			T	T			05		0.83		
06													06												06		0.00		
07													07												07		0.00		
08													08												08		0.00		
09													09												09		0.00		
10													10												10		0.00		
11	T												11												11		0.01		
12		0.01											12												12		0.00		
13													13												13		0.00		
14													14												14		0.00		
15													15												15		0.00		
16													16												16		0.00		
17													17												17		T		
18	T												18					T							18		0.03		
19	T												19						0.02						19		0.07		
20				T	0.01	T	0.02			T	0.04	T	20						T						20		T		
21						T	T	T					21												21		T		
22													22	T	T										22		T		
23													23												23		T		
24		T	T	0.01		T	0.02	0.01	T	T	0.01	0.08	24	0.10	T	T	T								24		0.23		
25													25												25		0.00		
26													26												26		0.00		
27													27												27		0.00		
28													28												28		T		
29													29												29		T		
30													30												30		0.00		
31												T	31	0.02	0.05		T	T	T					31		0.07			

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 1971–2000

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 2002

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							10.00	10.00	
02							8.00	10.00	
03							10.00	10.00	
04							4.00	10.00	
05							1.50	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							9.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							9.00	10.00	
16							7.00	10.00	
17							.00	10.00	
18							.13	8.00	
19							.13	10.00	
20							.25	10.00	
21							.06	10.00	
22							3.00	10.00	
23							8.00	10.00	
24							3.00	10.00	
25							10.00	10.00	
26							9.00	10.00	
27							9.00	10.00	
28							<.25	10.00	
29							4.00	10.00	
30							.00	10.00	
31							9.00	10.00	
MONTHLY AVGS							6.39	9.94	
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 6 9 19									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JANUARY 2002

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		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		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	OVC	065	10.00	40	30	36	68	8	35	30.14	30.26	03	CLR	NC	10.00	37	32	35	82	5	28	30.21	30.33
06	BKN	110	10.00	37	29	34	73	9	01	30.12	30.24	06	BKN	NC	10.00	34	30	32	85	7	27	30.23	30.35
09	OVC	065	10.00	39	29	35	67	10	03	30.18	30.29	09	CLR	250	10.00	41	32	37	70	6	29	30.28	30.40
12	OVC	065	10.00	41	25	35	53	10	04	30.15	30.27	12	BKN	250	10.00	53	21	40	29	14	32	30.27	30.39
15	OVC	085	10.00	44	22	36	41	12	01	30.10	30.22	15	BKN	250	10.00	55	20	41	25	7	VR	30.20	30.32
18	OVC	075	10.00	43	22	35	43	9	36	30.16	30.27	18	FEW	NC	10.00	46	27	38	47	3	30	30.20	30.32
21	OVC	085	10.00	42	24	35	49	9	01	30.20	30.32	21	CLR	NC	10.00	34	32	33	92	0	00	30.24	30.36
24	BKN	075	10.00	38	24	33	57	10	35	30.20	30.31	24	CLR	NC	10.00	32	30	31	92	0	00	30.24	30.35
SUNRISE: 0717				JAN 02				SUNSET: 1734				SUNRISE: 0718				JAN 08				SUNSET: 1738			
03	OVC	075	10.00	36	28	33	73	8	34	30.22	30.33	03	CLR	NC	10.00	33	32	33	96	0	00	30.20	30.32
06	SCT	NC	10.00	31	28	30	89	3	32	30.23	30.35	06	FEW	NC	10.00	30	29	30	96	0	00	30.18	30.29
09	FEW	NC	10.00	35	27	32	72	7	36	30.29	30.40	09	BKN	250	10.00	41	35	38	79	3	15	30.20	30.32
12	FEW	NC	10.00	43	15	33	32	15	35	30.27	30.38	12	BKN	250	10.00	59	34	47	39	7	VR	30.17	30.29
15	SCT	NC	10.00	45	10	33	24	13	35	30.21	30.33	15	SCT	NC	10.00	64	36	50	35	7	VR	30.07	30.19
18	FEW	NC	10.00	38	16	31	41	6	33	30.25	30.37	18	BKN	250	10.00	57	43	50	60	3	21	30.06	30.18
21	CLR	NC	10.00	34	18	29	52	6	31	30.30	30.42	21	FEW	NC	10.00	53	44	49	72	5	18	30.06	30.18
24	FEW	NC	10.00	31	22	28	69	5	31	30.30	30.42	24	CLR	NC	10.00	51	45	48	80	3	19	30.06	30.18
SUNRISE: 0718				JAN 03				SUNSET: 1734				SUNRISE: 0718				JAN 09				SUNSET: 1739			
03	CLR	NC	10.00	29	19	26	66	5	32	30.33	30.45	03	CLR	NC	10.00	52	49	50	89	3	19	30.01	30.12
06	CLR	NC	10.00	26	20	24	78	3	27	30.35	30.47	06	CLR	NC	10.00	47	47	47	100	0	00	30.01	30.12
09	CLR	NC	10.00	29	18	25	64	3	VR	30.40	30.52	09	SCT	NC	10.00	54	53	53	97	3	14	30.04	30.16
12	CLR	NC	10.00	39	12	30	33	8	35	30.35	30.47	12	BKN	030	10.00	71	58	63	63	15	19	30.03	30.14
15	CLR	NC	10.00	44	14	34	30	9	31	30.28	30.40	15	SCT	NC	10.00	73	56	63	55	10	19	29.92	30.04
18	FEW	NC	10.00	37	17	30	44	0	00	30.28	30.40	18	SCT	NC	10.00	68	59	63	73	8	17	29.90	30.02
21	CLR	NC	10.00	29	22	27	75	0	00	30.31	30.43	21	SCT	NC	10.00	64	60	62	87	8	17	29.92	30.03
24	CLR	NC	10.00	26	22	25	84	0	00	30.31	30.42	24	FEW	NC	10.00	62	60	61	93	6	18	29.91	30.02
SUNRISE: 0718				JAN 04				SUNSET: 1735				SUNRISE: 0718				JAN 10				SUNSET: 1740			
03	CLR	NC	10.00	24	22	23	91	0	00	30.30	30.42	03	SCT	NC	10.00	62	58	60	86	8	18	29.87	29.99
06	SCT	NC	10.00	25	21	24	85	3	04	30.26	30.38	06	SCT	NC	10.00	57	56	56	96	8	15	29.87	29.99
09	BKN	250	10.00	34	27	31	76	6	07	30.28	30.40	09	BKN	250	10.00	60	58	59	93	5	14	29.91	30.02
12	BKN	250	10.00	50	35	43	57	13	13	30.22	30.34	12	OVC	035	10.00	72	62	66	71	10	22	29.90	30.01
15	OVC	050	10.00	51	40	46	66	18	13	30.12	30.24	15	OVC	048	10.00	75	60	66	60	10	19	29.82	29.94
18	OVC	024	10.00	50	41	46	71	16	12	30.10	30.22	18	OVC	055	10.00	70	61	64	73	5	21	29.86	29.98
21	OVC	015	10.00	47	42	45	83	12	11	30.09	30.21	21	OVC	055	10.00	68	61	64	78	0	00	29.91	30.02
24	OVC	011	10.00	47	45	46	93	9	07	30.04	30.15	24	OVC	028	10.00	65	59	61	81	10	33	29.95	30.07
SUNRISE: 0718				JAN 05				SUNSET: 1736				SUNRISE: 0718				JAN 11				SUNSET: 1741			
03	OVC	009	10.00	47	44	46	90	13	09	29.94	30.06	03	OVC	025	10.00	58	48	53	70	8	34	29.98	30.09
06	OVC	005	5.00	49	48	48	97	8	04	29.84	29.96	06	OVC	028	10.00	57	50	53	78	8	33	30.00	30.11
09	OVC	005	1.75	50	50	50	100	13	33	29.86	29.97	09	OVC	026	10.00	54	47	50	77	6	35	30.06	30.18
12	OVC	080	10.00	52	51	52	97	7	05	29.83	29.95	12	OVC	020	10.00	59	47	53	64	9	36	30.07	30.18
15	OVC	015	10.00	56	52	54	87	7	29	29.80	29.92	15	OVC	026	10.00	61	49	55	65	7	34	30.00	30.12
18	OVC	018	10.00	51	48	50	89	8	32	29.88	30.00	18	OVC	028	10.00	58	48	53	70	5	36	30.02	30.13
21	OVC	021	10.00	48	46	47	93	14	30	29.97	30.09	21	OVC	028	10.00	56	45	50	67	6	35	30.04	30.16
24	CLR	NC	10.00	45	40	43	83	6	28	29.98	30.10	24	OVC	030	10.00	55	44	50	67	7	35	30.05	30.17
SUNRISE: 0718				JAN 06				SUNSET: 1737				SUNRISE: 0718				JAN 12				SUNSET: 1742			
03	CLR	NC	10.00	43	40	42	89	5	27	30.01	30.13	03	OVC	027	10.00	53	44	49	72	5	34	30.03	30.15
06	CLR	NC	10.00	41	38	40	89	5	28	30.03	30.15	06	SCT	NC	10.00	50	42	46	74	3	33	30.04	30.15
09	CLR	NC	10.00	44	39	42	83	9	29	30.10	30.22	09	FEW	NC	10.00	52	40	46	64	8	33	30.07	30.18
12	FEW	NC	10.00	58	36	48	44	8	31	30.10	30.22	12	FEW	NC	10.00	63	32	49	31	12	32	30.03	30.15
15	FEW	NC	10.00	61	35	49	38	9	29	30.04	30.16	15	FEW	NC	10.00	68	32	51	26	12	33	29.95	30.06
18	CLR	NC	10.00	55	35	46	47	6	29	30.08	30.20	18	FEW	NC	10.00	59	28	45	31	7	32	29.97	30.09
21	CLR	NC	10.00	47	36	42	66	5	27	30.12	30.24	21	CLR	NC	10.00	51	32	43	48	3	29	30.01	30.13
24	CLR	NC	10.00	46	30	39	54	6	33	30.19	30.31	24	CLR	NC	10.00	42	35	39	76	0	00	30.00	30.12

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JANUARY 2002

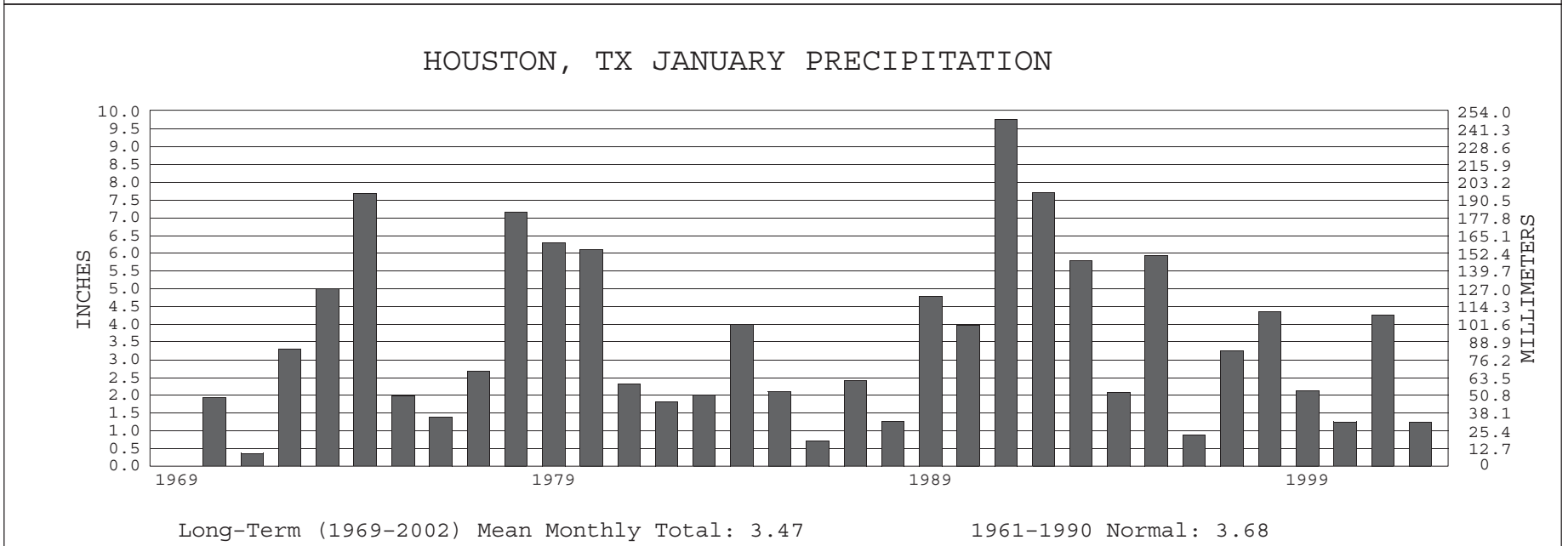
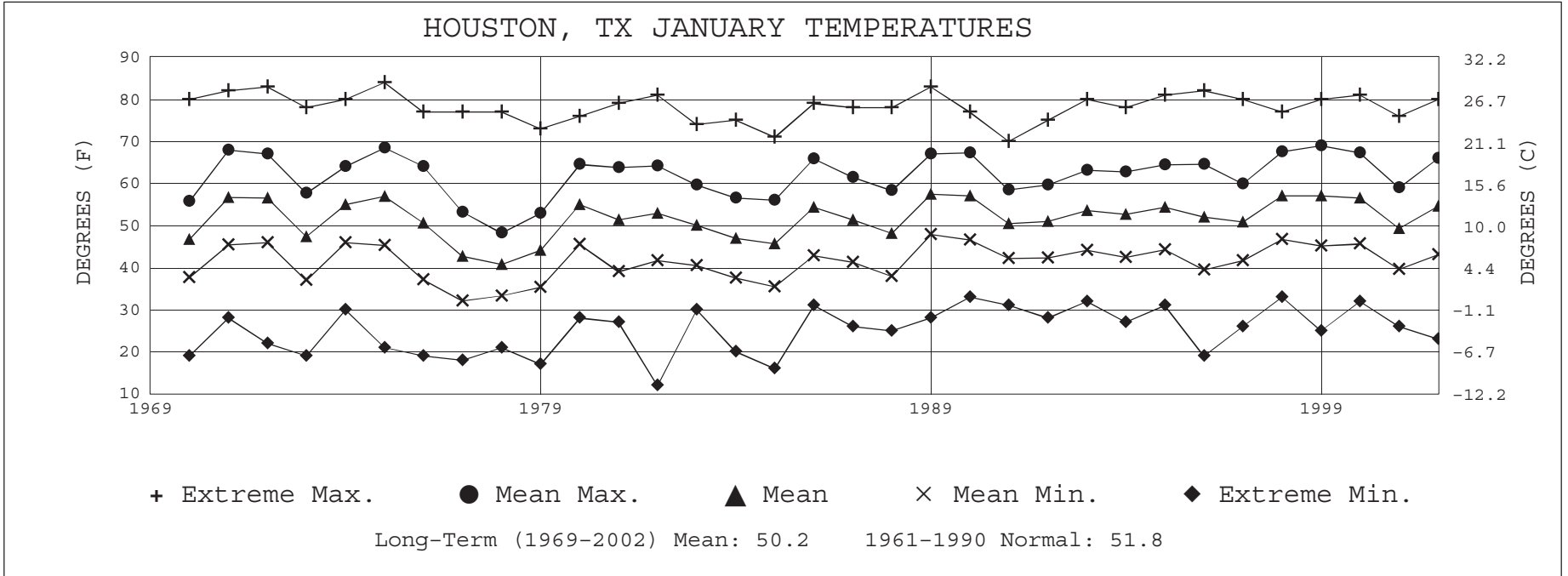
IAH

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	STATION	SEA LEVEL
<p>SUNRISE: 0715 JAN 25 SUNSET: 1753</p>																											
03	OVC	015		10.00	46	42	44	86	9	33	30.12	30.24	03	OVC	025		10.00	72	67	69	84	15	16	29.76	29.88		
06	BKN	250		10.00	41	34	38	76	8	35	30.16	30.27	06	OVC	018		10.00	71	67	68	87	7	18	29.80	29.91		
09	SCT	NC		10.00	42	30	37	62	12	36	30.22	30.34	09	OVC	015		10.00	73	68	70	84	14	17	29.79	29.90		
12	FEW	NC		10.00	55	23	42	29	16	03	30.22	30.34	12	OVC	026		10.00	75	69	71	82	15	31	29.82	29.94		
15	FEW	NC		10.00	60	22	44	23	13	01	30.15	30.27	15	OVC	037		10.00	53	48	50	83	12	33	29.91	30.02		
18	FEW	NC		10.00	54	33	45	45	5	05	30.14	30.26	18	BKN	049		10.00	53	42	48	66	14	32	29.99	30.10		
21	SCT	NC		10.00	43	37	40	80	0	00	30.18	30.29	21	BKN	049		10.00	50	39	45	66	10	34	30.11	30.22		
24	SCT	NC		10.00	39	35	37	86	0	00	30.18	30.29	24	FEW	NC		10.00	46	36	42	68	10	34	30.18	30.29		
<p>SUNRISE: 0715 JAN 26 SUNSET: 1753</p>																											
03	FEW	NC		10.00	36	34	35	93	0	00	30.16	30.27	<p>3-HOURLY OBSERVATION NOTES</p> <p>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.</p> <p>Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.</p> <p>NC= No ceiling detected.</p> <p>& = Original observation contained additional weather elements.</p> <p>See page 3 for additional notes.</p>														
06	SCT	NC		10.00	34	32	33	92	0	00	30.17	30.29															
09	SCT	NC		10.00	41	35	38	79	0	00	30.21	30.33															
12	BKN	250		10.00	53	29	43	40	8	06	30.20	30.31															
15	OVC	250		10.00	60	33	48	36	0	00	30.10	30.22															
18	OVC	250		9.00	56	38	47	51	0	00	30.07	30.19															
21	OVC	250		10.00	48	41	45	77	0	00	30.10	30.22															
24	BKN	250		10.00	43	40	42	89	0	00	30.09	30.21															
<p>SUNRISE: 0714 JAN 27 SUNSET: 1754</p>																											
03	BKN	250		10.00	42	41	42	96	0	00	30.05	30.17															
06	FEW	NC		10.00	40	39	40	97	0	00	30.06	30.17															
09	CLR	NC		10.00	48	43	46	83	0	00	30.06	30.18															
12	FEW	NC		10.00	65	49	56	56	7	19	30.05	30.16															
15	FEW	NC		10.00	71	47	58	42	7	16	29.96	30.08															
18	FEW	NC		10.00	67	51	58	57	12	14	29.95	30.06															
21	CLR	NC		10.00	59	51	55	75	6	15	29.98	30.09															
24	CLR	NC		9.00	53	51	52	93	0	00	29.97	30.08															
<p>SUNRISE: 0714 JAN 28 SUNSET: 1755</p>																											
03	OVC	045		5.00	57	56	56	96	7	18	29.96	30.07															
06	OVC	003		0.25	61	61	61	100	7	16	29.93	30.05															
09	VV	001		0.25	62	62	62	100	0	00	29.97	30.09															
12	OVC	013		2.50	72	68	69	87	7	19	29.96	30.07															
15	OVC	042		10.00	79	65	70	62	8	20	29.87	29.98															
18	OVC	050		10.00	73	68	70	84	13	16	29.87	29.98															
21	OVC	008		7.00	70	68	69	93	12	17	29.90	30.02															
24	OVC	004		4.00	68	68	68	100	8	17	29.90	30.01															
<p>SUNRISE: 0713 JAN 29 SUNSET: 1756</p>																											
03	OVC	018		10.00	68	66	67	93	9	16	29.87	29.99															
06	OVC	025		8.00	68	67	67	96	7	15	29.87	29.98															
09	OVC	026		8.00	70	68	69	93	10	15	29.90	30.01															
12	BKN	250		10.00	77	66	70	69	13	17	29.89	30.00															
15	BKN	250		10.00	78	62	68	58	20	17	29.81	29.93															
18	SCT	NC		10.00	73	65	68	76	12	15	29.83	29.94															
21	OVC	019		5.00	69	67	68	93	8	14	29.86	29.97															
24	OVC	008		4.00	69	68	68	96	9	13	29.84	29.95															
<p>SUNRISE: 0713 JAN 30 SUNSET: 1757</p>																											
03	BKN	014		7.00	68	67	67	96	7	15	29.82	29.93															
06	BKN	018		10.00	69	66	67	90	13	16	29.81	29.93															
09	OVC	007		4.00	70	68	69	93	18	16	29.84	29.96															
12	BKN	048		10.00	78	66	70	67	20	16	29.83	29.94															
15	BKN	029		10.00	78	68	71	71	16	16	29.75	29.86															
18	OVC	030		10.00	75	69	71	82	20	16	29.73	29.85															
21	OVC	017		10.00	73	68	70	84	17	17	29.79	29.90															
24	OVC	023		10.00	72	68	69	87	17	17	29.77	29.88															

SUMMARY BY HOUR

HOUR (LST)	AVERAGES											RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION	
							STATION	SEA LEVEL					
01			50	46	48	86	30.01	30.12	9.01	5	1	9	
02			49	46	48	88	30.00	30.12	8.95	5	1	13	
03			49	46	47	88	30.00	30.12	8.89	5	1	16	
04			49	45	47	88	30.00	30.11	8.78	5	1	14	
05			49	45	47	89	29.99	30.11	8.40	5	0	0	
06			48	45	47	91	30.00	30.12	8.13	5	1	8	
07			47	45	46	92	30.01	30.12	8.03	5	1	9	
08			49	46	47	91	30.02	30.14	7.82	6	0	0	
09			52	47	49	83	30.04	30.15	7.82	7	1	7	
10			56	46	51	72	30.05	30.17	8.55	9	2	8	
11			59	46	53	64	30.05	30.17	8.81	10	2	10	
12			60	45	53	60	30.03	30.14	9.34	11	2	9	
13			61	44	53	58	30.00	30.11	9.13	11	1	19	
14			63	44	53	55	29.97	30.09	9.65	10	1	25	
15			63	44	54	53	29.96	30.08	9.74	10	1	15	
16			63	44	54	55	29.96	30.08	9.77	10	2	12	
17			61	45	54	59	29.97	30.08	9.68	10	2	14	
18			58	46	53	66	29.97	30.09	9.38	8	2	15	
19			56	47	52	72	29.99	30.11	9.41	7	2	15	
20			55	47	51	75	30.00	30.11	9.38	7	2	15	
21			54	47	51	79	30.01	30.13	9.02	7	3	16	
22			53	47	50	81	30.01	30.13	8.79	6	1	16	
23			52	46	49	83	30.02	30.14	8.83	6	1	13	
24			51	46	49	85	30.02	30.13	8.79	5	0	0	





JANUARY 2002

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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