



OCTOBER 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

OCTOBER 2001
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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
01	80	54	67	-7	55	59	0	2		0		0.0	0.00	30.06	30.17	1.7	01	2.8	15	03	13	03	01		
02	82	52	67	-7	56	61	0	2	BR HZ	0		0.0	0.00	30.01	30.13	3.4	13	4.0	14	13	12	12	02		
03	83	58	71	-3	62	65	0	6	BR	0		0.0	0.00	29.97	30.08	5.3	13	5.8	21	13	17	14	03		
04	79	63	71	-2	68	69	0	6	RA BR	0		0.0	0.14	29.91	30.02	5.4	13	6.2	21	15	18	13	04		
05	82	62	72	-1	69	69	0	7	TSRA RA BR	0		0.0	2.12	29.83	29.94	2.3	03	5.1	31	01	26*	02	05		
06	65	54	60	-13	56	57	5	0	RA	0		0.0	0.01	30.01	30.12	7.6	35	7.9	21	34	16	02	06		
07	73	50	62	-10	51	56	3	0		0		0.0	0.00	30.09	30.20	4.4	06	4.9	18	04	13	06	07		
08	80	54	67	-5	60	63	0	2		0		0.0	0.00	30.03	30.14	5.5	12	6.0	17	13	15	13	08		
09	84	66	75	3	71	72	0	10	TS TSRA RA BR	0		0.0	0.03	29.95	30.06	9.4	12	9.9	25	13	22	13	09		
10	88*	74	81*	9	74	76	0	16	BR	0		0.0	0.00	29.87	29.98	8.3	14	8.9	24	15	21	15	10		
11	78	66	72	1	71	71	0	7	TS TSRA RA FG+ BR	0		0.0	3.02	29.80	29.91	1.8	10	4.1	28	30	22	30	11		
12	82	67	75	4	71	72	0	10	TS TSRA RA FG+ BR HZ	0		0.0	2.05	29.65	29.76	5.4	11	8.1	24	05	17	15	12		
13	78	55	67	-3	59	61	0	2	TSRA RA BR	0		0.0	1.57	29.58	29.69	1.7	29	8.6	33*	30	24	30	13		
14	80	50	65	-5	53	58	0	0		0		0.0	0.00	29.88	30.00	0.7	05	4.3	14	32	12	08	14		
15	83	53	68	-2	61	63	0	3	MIFG	0		0.0	0.00	29.98	30.09	2.5	13	3.8	20	35	14	35	15		
16	68	45	57	-13	42	50	8	0		0		0.0	0.00	30.24	30.35	10.6	01	10.8	30	04	24	04	16		
17	70	41*	56	-13	43	49	9	0		0		0.0	0.00	30.20	30.32	2.4	09	3.0	20	05	15	11	17		
18	75	44	60	-9	53	56	5	0		0		0.0	0.00	30.02	30.13	5.0	13	5.7	18	13	16	13	18		
19	80	54	67	-2	59	62	0	2	BR	0		0.0	0.00	29.90	30.01	3.4	12	4.4	16	15	13	13	19		
20	80	57	69	0	61	64	0	4	FG+ BR	0		0.0	0.00	29.93	30.05	3.1	13	4.6	16	10	13	15	20		
21	83	58	71	3	66	68	0	6	BR	0		0.0	0.00	29.92	30.03	5.3	13	6.1	22	15	18	15	21		
22	84	70	77	9	72	73	0	12	FG BR	0		0.0	0.00	29.82	29.93	8.3	14	8.7	23	15	20	15	22		
23	86	68	77	10	71	73	0	12	BR	0		0.0	0.00	29.65	29.76	6.5	18	6.9	20	20	15	18	23		
24	87	67	77	10	69	72	0	12	RA	0		0.0	T	29.69	29.80	4.6	22	7.3	23	21	16	21	24		
25	78	55	67	0	49	57	0	2		0		0.0	0.00	30.06	30.18	6.9	04	7.9	28	14	20	07	25		
26	75	50	63	-4	45	53	2	0		0		0.0	0.00	30.25	30.36	5.3	05	6.4	29	06	17	06	26		
27	75	45	60	-6	44	52	5	0		0		0.0	0.00	30.30	30.41	3.2	05	4.1	21	01	14	08	27		
28	68	43	56*	-10	40	48	9	0		0		0.0	0.00	30.31	30.43	5.1	08	5.7	20	02	14	09	28		
29	74	43	59	-6	48	53	6	0		0		0.0	0.00	30.31	30.42	2.9	07	3.6	17	36	10	11	29		
30	75	46	61	-4	51	55	4	0	BR HZ	0		0.0	0.00	30.22	30.33	2.7	10	4.6	17	08	13	13	30		
31	79	49	64	-1	60	62	1	0	RA BR	0		0.0	0.01	30.04	30.15	4.9	14	6.0	18	12	15	15	31		
MONTHLY AVERAGES										TOTALS->				<- MONTHLY AVERAGES											
DEPARTURE FROM NORMAL														SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 3.49 DATE: 12-13				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 0.0 DATE:				MAXIMUM				: 30.50 29 0953							
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: 0 DATE:				MINIMUM				: 29.52 13 0053							
HEATING: 57 26										NUMBER OF DAYS WITH				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH: 8			
COOLING: 123 -51														MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0				PRECIPITATION ≥ 0.10 INCH: 5			
														THUNDERSTORMS: 5				HEAVY FOG: 3				SNOWFALL ≥ 1.0 INCH: 0			

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

OCTOBER 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													01												01		0.00		
02													02												02		0.00		
03													03												03		0.00		
04													04	0.14	T	T	0.03	0.03	T	T	0.10	0.33	1.18	T			0.14		
05													05	0.27	0.16	0.03	0.03	T	T	0.10	0.33	1.18	T		0.02		2.12		
06	0.01												06												06		0.01		
07													07												07		0.00		
08													08												08		0.00		
09													09	T	T	T	T	0.03							09		0.00		
10													10												10		0.03		
11													11	T	T		0.01	T							11		0.00		
12										0.03	1.99	0.92	0.07	12				T							12		3.02		
13	0.03	0.01	0.03	0.01	0.05	T				0.06	0.02	T	13	T	0.78	1.04	T	0.08	0.04	0.02			T	T	13		2.05		
14													14		0.04	T									14		1.57		
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				T	T								24												24		T		
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		
31													31	0.01	T										31		0.01		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.51	.85	1.02	1.10	1.37	1.57	2.18	2.80	2.91	2.93	2.99	3.00
Ending Date	05	05	05	05	11	11	11	11	11	11	11	11
Ending Time (Hour/Min)	2008	2008	2012	2015	1012	0953	1008	1019	1025	1040	1113	1121

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 OCTOBER 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
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							7.00	10.00	
02							6.00	10.00	
03							2.50	10.00	
04							5.00	10.00	
05							1.50	10.00	
06							7.00	10.00	
07							10.00	10.00	
08							9.00	10.00	
09							2.00	10.00	
10							3.00	10.00	
11							.25	10.00	
12							.25	10.00	
13							2.00	10.00	
14							10.00	10.00	
15							9.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							3.00	10.00	
20							.25	10.00	
21							5.00	10.00	
22							.50	10.00	
23							5.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							8.00	10.00	
30							1.00	10.00	
31							3.00	10.00	
MONTHLY AVGS							6.30	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									
2 10 16									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

OCTOBER 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	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
SUNRISE: 0615						OCT 01	SUNSET: 1808						SUNRISE: 0618						OCT 07	SUNSET: 1760									
03	SCT	NC			10.00		56	55	55	97	0	00	30.05	30.17	03	CLR	NC			10.00		53	51	52	93	3	04	30.07	30.19
06	BKN	250			10.00		56	53	54	90	3	33	30.08	30.19	06	CLR	NC			10.00		51	48	50	89	5	06	30.11	30.22
09	BKN	250			10.00		68	56	61	66	5	02	30.12	30.23	09	FEW	NC			10.00		59	48	53	67	8	06	30.15	30.27
12	SCT	NC			10.00		78	52	63	40	7	VR	30.09	30.20	12	CLR	NC			10.00		68	48	57	49	5	06	30.12	30.24
15	SCT	NC			10.00		79	53	64	41	7	VR	30.01	30.12	15	CLR	NC			10.00		72	50	60	46	6	04	30.05	30.17
18	SCT	NC			10.00		69	58	62	68	5	35	29.99	30.11	18	CLR	NC			10.00		68	54	60	61	7	10	30.04	30.15
21	FEW	NC			10.00		61	57	59	87	0	00	30.03	30.14	21	CLR	NC			10.00		61	56	58	84	6	07	30.05	30.17
24	CLR	NC			7.00		57	55	56	93	0	00	30.03	30.14	24	CLR	NC			10.00		56	55	55	97	0	00	30.05	30.16
SUNRISE: 0615						OCT 02	SUNSET: 1807						SUNRISE: 0619						OCT 08	SUNSET: 1758									
03	FEW	NC			10.00		55	54	54	96	0	00	30.02	30.14	03	CLR	NC			10.00		56	55	55	97	0	00	30.02	30.14
06	FEW	NC			10.00		53	53	53	100	0	00	30.04	30.15	06	CLR	NC			10.00		55	53	54	93	0	00	30.03	30.15
09	BKN	250			7.00		67	58	62	73	3	03	30.07	30.19	09	SCT	NC			10.00		67	56	61	68	6	05	30.08	30.20
12	BKN	250			10.00		79	56	65	45	8	11	30.04	30.16	12	BKN	250			10.00		78	63	68	60	9	12	30.05	30.17
15	SCT	NC			10.00		81	55	65	41	9	12	29.97	30.08	15	BKN	250			10.00		80	64	70	58	7	15	29.98	30.10
18	SCT	NC			10.00		75	56	64	52	8	12	29.95	30.07	18	BKN	250			10.00		74	65	68	74	10	14	29.99	30.11
21	FEW	NC			10.00		67	61	63	81	6	17	30.00	30.11	21	BKN	250			10.00		72	66	68	82	9	13	30.01	30.13
24	FEW	NC			10.00		62	60	61	93	0	00	30.00	30.11	24	BKN	250			10.00		68	65	66	90	9	11	30.00	30.11
SUNRISE: 0616						OCT 03	SUNSET: 1805						SUNRISE: 0620						OCT 09	SUNSET: 1757									
03	SCT	NC			10.00		59	59	59	100	0	00	29.98	30.09	03	BKN	070			10.00		67	66	66	97	5	11	29.97	30.08
06	SCT	NC			10.00		59	58	58	96	0	00	29.99	30.10	06	SCT	NC			5.00	BR	66	65	65	96	3	06	29.97	30.09
09	BKN	250			10.00		73	62	66	69	6	07	30.02	30.13	09	OVC	017			3.00	BR	76	73	74	91	7	14	29.98	30.09
12	BKN	250			10.00		81	60	68	49	9	16	29.99	30.11	12	BKN	250			10.00		83	74	77	74	13	14	29.95	30.07
15	BKN	250			8.00		81	64	70	57	15	12	29.93	30.04	15	OVC	029			9.00		80	74	76	82	16	13	29.91	30.02
18	BKN	250			10.00		76	65	69	69	9	13	29.92	30.03	18	OVC	060			9.00		77	73	74	88	15	13	29.90	30.02
21	SCT	NC			10.00		69	64	66	84	5	16	29.94	30.06	21	OVC	015			7.00		77	74	75	90	9	12	29.91	30.03
24	SCT	NC			10.00		64	63	63	96	0	00	29.93	30.05	24	OVC	019			10.00		76	74	75	94	10	13	29.91	30.02
SUNRISE: 0617						OCT 04	SUNSET: 1804						SUNRISE: 0620						OCT 10	SUNSET: 1756									
03	SCT	NC			10.00		64	63	63	96	0	00	29.91	30.02	03	OVC	008			9.00		75	74	74	96	6	11	29.88	29.99
06	SCT	NC			6.00	BR	64	64	64	100	0	00	29.92	30.03	06	BKN	015			7.00		75	74	74	96	7	12	29.90	30.02
09	OVC	140			10.00		75	68	70	79	6	11	29.96	30.07	09	OVC	250			5.00	BR	79	76	77	90	3	36	29.95	30.06
12	OVC	065			6.00	-RA	77	71	73	82	7	14	29.94	30.05	12	OVC	130			9.00		83	73	76	72	18	16	29.89	30.01
15	OVC	120			10.00		76	70	72	82	8	14	29.88	30.00	15	BKN	250			10.00		88	71	76	57	16	15	29.81	29.93
18	BKN	130			10.00		75	70	72	84	10	13	29.87	29.98	18	BKN	130			10.00		81	75	77	82	9	14	29.82	29.93
21	SCT	NC			9.00		72	69	70	91	8	13	29.87	29.98	21	BKN	027			10.00		79	75	76	88	7	14	29.85	29.96
24	CLR	NC			8.00		69	68	68	96	3	15	29.85	29.96	24	BKN	014			7.00		76	75	75	97	8	13	29.84	29.95
SUNRISE: 0617						OCT 05	SUNSET: 1803						SUNRISE: 0621						OCT 11	SUNSET: 1755									
03	FEW	NC			7.00		67	67	67	100	0	00	29.82	29.93	03	OVC	014			6.00	BR	75	75	75	100	6	12	29.79	29.90
06	OVC	130			5.00	BR	68	68	68	100	3	02	29.83	29.94	06	OVC	045			6.00	BR	73	73	73	100	0	00	29.81	29.93
09	OVC	095			3.00	BR	71	71	71	100	3	05	29.86	29.97	09	OVC	017			5.00	TSRA BR	76	74	75	94	0	00	29.82	29.94
12	OVC	070			10.00		79	72	74	79	7	17	29.83	29.94	12	OVC	060			10.00	-RA	71	69	70	94	3	VR	29.83	29.95
15	OVC	130			7.00	-RA	70	68	69	93	6	10	29.79	29.91	15	OVC	035			10.00		74	69	71	85	7	04	29.77	29.88
18	OVC	095			10.00	-RA	70	70	70	100	0	00	29.77	29.88	18	BKN	046			10.00		72	69	70	91	9	07	29.78	29.89
21	OVC	030			10.00	-TSRA	69	68	68	96	9	01	29.82	29.93	21	SCT	NC			8.00		67	67	67	100	0	00	29.77	29.88
24	OVC	009			4.00	-RA BR	62	61	61	96	9	33	29.92	30.04	24	VV	001			0.25	FG	67	67	67	100	0	00	29.75	29.86
SUNRISE: 0618						OCT 06	SUNSET: 1802						SUNRISE: 0622						OCT 12	SUNSET: 1754									
03	OVC	007			8.00		57	57	57	100	10	34	29.92	30.04	03	OVC	001			5.00	RA BR	67	67	67	100	5	04	29.74	29.85
06	OVC	007			10.00		57	56	56	96	10	36	29.97	30.08	06	OVC	015			10.00		68	67	67	96	6	02	29.73	29.84
09	OVC	013			10.00		58	54	56	87	10	01	30.05	30.16	09	OVC	006			7.00		72	69	70	91	8	12	29.73	29.85
12	OVC	017			10.00		62	55	58	78	10	01	30.04	30.15	12	OVC	017			7.00		80	74	76	82	10	14	29.68	29.80
15	OVC	021			10.00		64	55	59	73	13	01	30.01	30.12	15	OVC	024			7.00	-TSRA	74	71	72	91	6	VR	29.61	29.72
18	FEW	NC			10.00		61	56	58	84	3	32	30.00	30.12	18	OVC	023			10.00		72	71	71	97	9	07	29.58	29.69
21	FEW	NC			10.00		58	56	57	93	3	02	30.04	30.16	21	OVC	013			10.00		76	75	75	97	9	15	29.56	29.67
24	CLR	NC			10.00		54	53	53	97	0	00	30.07	30.19	24	OVC	028			10.00		78	75	76	90	12	17	29.51	29.62

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

OCTOBER 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 %	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 %	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL					
																														TIME (LST)	EFF CLD AMT %	VISIBILITY (MILES)	DRY BULB	DEW POINT
SUNRISE: 0622 OCT 13 SUNSET: 1753																																		
03	OVC	015			2.00	+TSRA	BR	64	64	64	100	10	30	29.50	29.61	03	BKN	033			8.00													
06	OVC	090			8.00	-RA		63	62	62	97	8	03	29.51	29.62	06	SCT	NC			9.00													
09	OVC	050			8.00	-RA		63	61	62	93	8	10	29.58	29.69	09	FEW	NC			10.00													
12	OVC	010			10.00			65	61	63	87	8	13	29.56	29.67	12	BKN	040			10.00													
15	OVC	021			10.00			64	57	60	78	10	28	29.52	29.64	15	BKN	050			10.00													
18	SCT	NC			10.00			60	51	55	72	8	31	29.59	29.70	18	SCT	NC			10.00													
21	FEW	NC			10.00			56	53	54	90	0	00	29.69	29.80	21	CLR	NC			10.00													
24	CLR	NC			10.00			57	52	54	83	7	22	29.75	29.87	24	CLR	NC			5.00	BR												
SUNRISE: 0623 OCT 14 SUNSET: 1752																																		
03	CLR	NC			10.00			54	53	53	97	6	28	29.78	29.89	03	SCT	NC			3.00	BR												
06	CLR	NC			10.00			51	51	51	100	0	00	29.84	29.96	06	BKN	041			7.00													
09	CLR	NC			10.00			63	53	57	70	3	VR	29.93	30.04	09	SCT	NC			10.00													
12	CLR	NC			10.00			76	50	61	40	3	VR	29.92	30.03	12	BKN	250			10.00													
15	CLR	NC			10.00			79	47	61	32	5	06	29.89	30.01	15	BKN	250			10.00													
18	CLR	NC			10.00			69	56	61	63	9	08	29.89	30.01	18	SCT	NC			10.00													
21	CLR	NC			10.00			63	58	60	84	5	09	29.91	30.02	21	SCT	NC			10.00													
24	CLR	NC			10.00			57	56	56	96	0	00	29.92	30.03	24	FEW	NC			9.00													
SUNRISE: 0623 OCT 15 SUNSET: 1751																																		
03	CLR	NC			10.00			56	56	56	100	0	00	29.92	30.03	03	CLR	NC			9.00													
06	CLR	NC			10.00			53	53	53	100	0	00	29.94	30.05	06	BKN	250			10.00													
09	FEW	NC			10.00			66	62	64	87	3	04	29.99	30.10	09	BKN	250			8.00													
12	SCT	NC			10.00			79	63	69	58	9	16	29.99	30.10	12	BKN	035			10.00													
15	SCT	NC			10.00			80	62	69	54	7	13	29.94	30.05	15	BKN	046			10.00													
18	FEW	NC			10.00			75	64	68	69	7	12	29.97	30.09	18	SCT	NC			10.00													
21	SCT	NC			10.00			65	65	65	100	0	00	30.05	30.17	21	SCT	NC			10.00													
24	SCT	NC			10.00			67	61	63	81	13	35	30.09	30.21	24	OVC	004			5.00	BR												
SUNRISE: 0624 OCT 16 SUNSET: 1749																																		
03	SCT	NC			10.00			59	47	53	64	12	36	30.16	30.27	03	OVC	003			3.00	BR												
06	CLR	NC			10.00			53	40	47	61	10	01	30.24	30.35	06	OVC	018			1.00	BR												
09	CLR	NC			10.00			56	38	47	51	17	02	30.31	30.42	09	OVC	005			3.00	BR												
12	CLR	NC			10.00			64	40	52	41	13	02	30.28	30.40	12	BKN	039			10.00													
15	CLR	NC			10.00			67	39	53	36	14	35	30.22	30.33	15	SCT	NC			10.00													
18	CLR	NC			10.00			58	44	51	60	3	35	30.22	30.34	18	BKN	033			10.00													
21	CLR	NC			10.00			50	45	48	83	0	00	30.25	30.37	21	BKN	019			10.00													
24	CLR	NC			10.00			46	44	45	93	0	00	30.25	30.37	24	OVC	011			10.00													
SUNRISE: 0625 OCT 17 SUNSET: 1748																																		
03	CLR	NC			10.00			44	43	44	96	0	00	30.24	30.35	03	SCT	NC			9.00													
06	CLR	NC			10.00			44	42	43	93	0	00	30.25	30.37	06	BKN	018			6.00	BR												
09	CLR	NC			10.00			57	44	51	62	7	08	30.27	30.39	09	BKN	013			10.00													
12	FEW	NC			10.00			66	37	52	34	10	07	30.24	30.36	12	BKN	250			10.00													
15	FEW	NC			10.00			68	39	53	35	5	VR	30.16	30.28	15	OVC	250			10.00													
18	CLR	NC			10.00			58	48	53	70	0	00	30.14	30.26	18	SCT	NC			10.00													
21	CLR	NC			10.00			52	48	50	86	0	00	30.13	30.25	21	SCT	NC			10.00													
24	CLR	NC			10.00			49	47	48	93	0	00	30.12	30.24	24	BKN	022			10.00													
SUNRISE: 0625 OCT 18 SUNSET: 1747																																		
03	CLR	NC			10.00			46	46	46	100	0	00	30.09	30.21	03	OVC	012			10.00													
06	CLR	NC			10.00			45	45	45	100	0	00	30.08	30.20	06	SCT	NC			10.00													
09	FEW	NC			10.00			59	50	54	72	8	06	30.10	30.22	09	OVC	016			10.00													
12	BKN	250			10.00			71	55	62	57	9	17	30.05	30.17	12	BKN	031			10.00													
15	SCT	NC			10.00			74	56	63	54	6	16	29.96	30.07	15	FEW	NC			10.00													
18	SCT	NC			10.00			67	57	61	71	13	13	29.93	30.05	18	SCT	NC			10.00													
21	CLR	NC			10.00			63	59	61	87	7	16	29.94	30.06	21	BKN	042			10.00													
24	CLR	NC			10.00			59	57	58	93	3	16	29.92	30.03	24	FEW	NC			10.00													
SUNRISE: 0626 OCT 19 SUNSET: 1746																																		
03	OVC	015			2.00	+TSRA	BR	64	64	64	100	10	30	29.50	29.61	03	BKN	033			8.00													
06	OVC	090			8.00	-RA		63	62	62	97	8	03	29.51	29.62	06	SCT	NC			9.00													
09	OVC	050			8.00	-RA		63	61	62	93	8	10	29.58	29.69	09	FEW	NC			10.00													
12	OVC	010			10.00			65	61	63	87	8	13	29.56	29.67	12	BKN	040			10.00													
15	OVC	021			10.00			64	57	60	78	10	28	29.52	29.64	15	BKN	050			10.00													
18	SCT	NC			10.00			60	51	55	72	8	31	29.59	29.70	18	SCT	NC			10.00													
21	FEW	NC			10.00			56	53	54	90	0	00	29.69	29.80	21	CLR	NC																

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

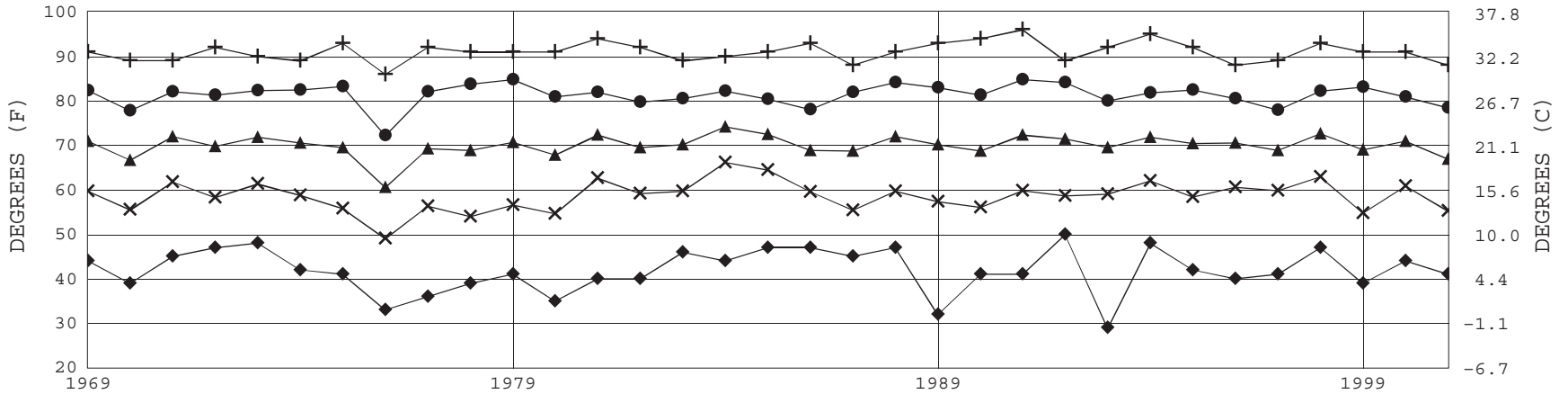
OCTOBER 2001

IAH

WBAN # 12960

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)																	
	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: 0630								OCT 25								SUNSET: 1740								SUNRISE: 0635								OCT 31								SUNSET: 1735							
03	FEW	NC				10.00		61	51	56	70	7	01	29.95	30.07	03	CLR	NC				10.00		50	49	49	96	0	00	30.10	30.21																
06	CLR	NC				10.00		58	50	54	75	0	00	30.01	30.12	06	SCT	NC				9.00		51	51	51	100	3	03	30.08	30.20																
09	FEW	NC				10.00		67	50	58	55	15	07	30.06	30.18	09	BKN	030				6.00	BR	62	59	60	90	5	04	30.10	30.22																
12	FEW	NC				10.00		74	48	59	40	14	03	30.08	30.20	12	BKN	030				10.00		78	65	70	64	13	14	30.04	30.15																
15	FEW	NC				10.00		77	48	61	36	10	04	30.05	30.17	15	BKN	048				10.00		75	65	69	71	10	14	29.97	30.09																
18	FEW	NC				10.00		66	51	58	59	3	01	30.09	30.20	18	BKN	250				10.00		72	63	66	73	12	15	29.96	30.08																
21	CLR	NC				10.00		63	48	55	58	7	06	30.15	30.27	21	SCT	NC				10.00		68	66	67	93	6	16	29.98	30.10																
24	CLR	NC				10.00		57	50	53	78	6	03	30.18	30.29	24	SCT	NC				9.00		65	65	65	100	3	14	29.96	30.08																
SUNRISE: 0631								OCT 26								SUNRISE: 1740								3-HOURLY OBSERVATION NOTES																							
03	CLR	NC				10.00		52	48	50	86	3	36	30.18	30.30	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	CLR	NC				10.00		51	47	49	86	5	03	30.23	30.35	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																															
09	FEW	NC				10.00		63	46	54	54	13	07	30.29	30.41	NC = No ceiling detected.																															
12	FEW	NC				10.00		73	42	57	33	12	08	30.28	30.39	& = Original observation contained additional weather elements.																															
15	CLR	NC				10.00		75	39	56	27	8	04	30.23	30.34	See page 3 for additional notes.																															
18	FEW	NC				10.00		66	46	55	49	3	03	30.24	30.35																																
21	CLR	NC				10.00		58	48	53	70	0	00	30.27	30.39																																
24	CLR	NC				10.00		54	46	50	75	0	00	30.29	30.40																																
SUNRISE: 0632								OCT 27								SUNRISE: 1739								SUMMARY BY HOUR																							
03	CLR	NC				10.00		48	45	47	89	0	00	30.29	30.41	AVERAGES																															
06	CLR	NC				10.00		48	43	46	83	5	02	30.31	30.43	RESULTANT WIND (MPH)																															
09	FEW	NC				10.00		61	42	52	50	5	VR	30.35	30.47	HOUR (LST)																															
12	CLR	NC				10.00		73	35	54	25	10	07	30.32	30.44	CEILOMETER																															
15	CLR	NC				10.00		75	40	57	28	8	05	30.25	30.37	EFF CLD AMT																															
18	CLR	NC				10.00		62	49	55	62	5	02	30.25	30.37	DRY BULB																															
21	CLR	NC				10.00		58	48	53	70	0	00	30.29	30.40	DEW POINT																															
24	CLR	NC				10.00		52	47	49	83	3	02	30.29	30.40	WET BULB																															
SUNRISE: 0633								OCT 28								SUNRISE: 1738								PRESSURE (INCHES, HG)																							
03	CLR	NC				10.00		48	42	45	80	7	07	30.29	30.41	STATION																															
06	CLR	NC				10.00		45	41	43	86	5	05	30.31	30.43	SEA LEVEL																															
09	CLR	NC				10.00		54	36	46	51	14	08	30.37	30.49	VISIBILITY (MILES)																															
12	CLR	NC				10.00		64	35	50	34	7	12	30.35	30.47	WIND SPEED (MPH)																															
15	FEW	NC				10.00		68	34	52	28	8	06	30.29	30.40	SPEED																															
18	FEW	NC				10.00		62	34	49	35	7	09	30.27	30.39	DIRECTION																															
21	CLR	NC				10.00		51	46	49	83	0	00	30.31	30.43																																
24	FEW	NC				10.00		48	46	47	93	5	08	30.31	30.43																																
SUNRISE: 0633								OCT 29								SUNRISE: 1737																															
03	CLR	NC				10.00		46	44	45	93	0	00	30.30	30.41																																
06	CLR	NC				10.00		44	41	43	89	6	03	30.31	30.43																																
09	FEW	NC				10.00		57	47	52	69	7	08	30.36	30.48																																
12	SCT	NC				10.00		69	52	59	55	6	09	30.34	30.45																																
15	SCT	NC				10.00		72	49	59	44	3	08	30.28	30.40																																
18	SCT	NC				10.00		63	51	56	65	6	VR	30.27	30.39																																
21	FEW	NC				10.00		54	53	53	97	0	00	30.30	30.42																																
24	FEW	NC				10.00		52	52	52	100	0	00	30.29	30.40																																
SUNRISE: 0634								OCT 30								SUNRISE: 1736																															
03	CLR	NC				10.00		49	49	49	100	3	02	30.25	30.37																																
06	CLR	NC				10.00		47	45	46	93	0	00	30.26	30.37																																
09	FEW	NC				7.00		56	49	52	77	3	VR	30.29	30.41																																
12	SCT	NC				10.00		70	54	61	57	7	VR	30.25	30.37																																
15	SCT	NC				10.00		75	53	62	46	5	33	30.17	30.28																																
18	FEW	NC				10.00		69	52	59	55	9	11	30.16	30.27																																
21	CLR	NC				9.00		60	56	58	86	7	14	30.18	30.29																																
24	CLR	NC				10.00		55	52	53	90	5	13	30.14	30.26																																

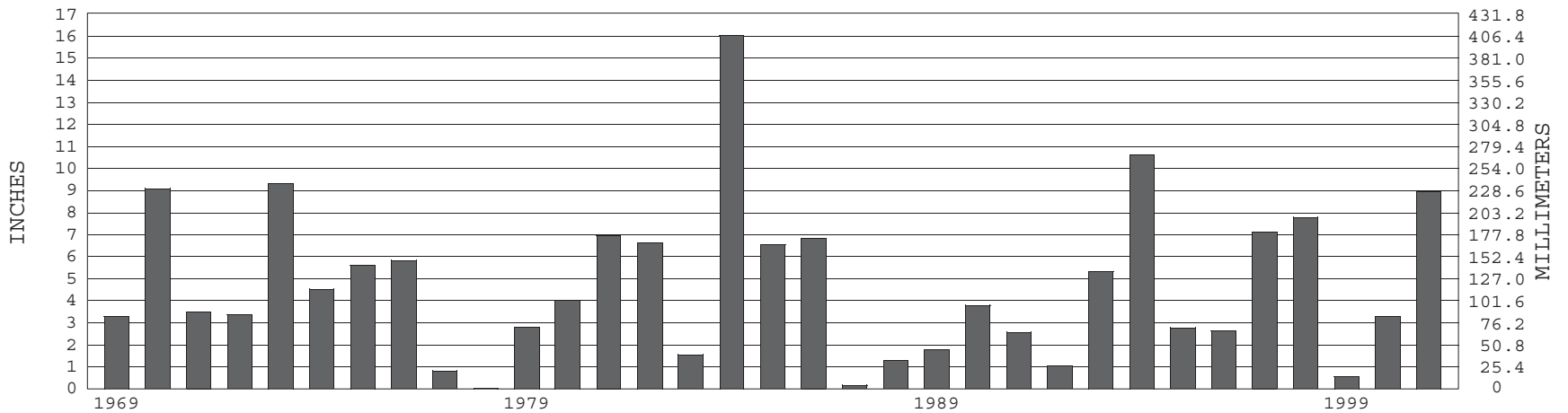
HOUSTON, TX OCTOBER TEMPERATURES



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

Long-Term (1969-2001) Mean: 70.0 1961-1990 Normal: 69.6

HOUSTON, TX OCTOBER PRECIPITATION



Long-Term (1969-2001) Mean Monthly Total: 4.74

1961-1990 Normal: 4.27



OCTOBER 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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