



# OCTOBER 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

OCTOBER 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	DEPTH		WATER EQUIV	SNOW-FALL	WATER EQUIV	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM						
																			5-SEC	2-MIN	SPEED	DIR	SPEED	DIR	
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
01	87	54	71	-3	61	64	0	6			0.0	0.00	29.81	29.94	3.4	12	4.4	17	13	15	12	01			
02	91*	67	79	5	70	73	0	14	RA BR		0.0	T	29.79	29.91	5.2	14	6.3	23	13	21	13	02			
03	90	68	79	5	70	73	0	14	MIFG BR		0.0	0.00	29.80	29.93	6.2	14	6.4	20	12	17	12	03			
04	90	65	78	5	68	71	0	13	FG+ MIFG BR		0.0	0.00	29.80	29.92	4.3	14	4.8	16	11	14	14	04			
05	90	69	80*	7	75	76	0	15	TS TSRA BR		0.0	0.33	29.78	29.90	3.9	15	4.5	20	13	16	13	05			
06	88	65	77	4	71	72	0	12	TSRA BR		0.0	0.22	29.93	30.05	5.7	01	7.2	21	04	17	02	06			
07	65	48	57	-15	52	54	8	0	RA BR		0.0	0.85	30.18	30.31	10.2	01	10.6	24	02	18	03	07			
08	50	44*	47*	-25	38	43	18	0	RA		0.0	0.05	30.36	30.49	7.7	01	8.6	29	03	23	03	08			
09	53	45	49	-23	37	44	16	0	RA		0.0	0.01	30.36	30.49	4.1	01	4.5	15	04	13	05	09			
10	64	48	56	-16	41	48	9	0			0.0	0.00	30.21	30.34	2.6	06	3.7	16	09	14	09	10			
11	77	53	65	-6	44	54	0	0			0.0	0.00	30.15	30.27	4.7	09	5.7	18	09	16	08	11			
12	81	53	67	-4	52	58	0	2			0.0	0.00	30.13	30.25	4.4	12	5.8	16	14	13	13	12			
13	82	54	68	-2	60	63	0	3	BR		0.0	0.00	30.06	30.18	6.6	12	6.9	21	15	15	11	13			
14	85	61	73	3	64	67	0	8	MIFG BR		0.0	0.00	29.98	30.10	7.2	12	7.7	21	13	17	13	14			
15	84	67	76	6	68	70	0	11	RA		0.0	0.05	29.94	30.07	7.0	14	7.5	21	13	17	14	15			
16	87	67	77	7	67	70	0	12	TSRA RA BR		0.0	0.11	29.94	30.06	3.2	15	6.0	23	02	18	02	16			
17	85	63	74	5	66	68	0	9	TS TSRA RA BR		0.0	0.36	29.99	30.12	2.0	35	3.7	15	17	13	18	17			
18	80	58	69	0	61	64	0	4	RA BR		0.0	T	30.05	30.17	2.1	03	3.0	13	05	9	04	18			
19	82	55	69	0	55	60	0	4	BR		0.0	0.00	30.01	30.13	0.8	08	1.8	13	33	9	07	19			
20	82	55	69	0	60	63	0	4	BR HZ		0.0	0.00	29.97	30.09	3.9	13	4.2	16	12	14	12	20			
21	81	66	74	6	67	69	0	9	RA BR HZ		0.0	0.12	29.91	30.04	8.4	12	8.8	23	14	18	14	21			
22	82	67	75	7	71	72	0	10	TSRA RA BR		0.0	0.27	29.97	30.09	9.2	11	9.8	31*	13	23*	14	22			
23	84	69	77	10	70	72	0	12	RA BR		0.0	0.22	30.13	30.25	10.3	11	11.1	24	12	20	14	23			
24	83	64	74	7	66	68	0	9	FG+ BR HZ		0.0	0.00	30.13	30.25	6.3	11	7.4	24	11	15	14	24			
25	83	64	74	7	66	69	0	9	FG+ BR		0.0	0.00	29.98	30.11	8.6	11	9.0	18	15	15	14	25			
26	84	70	77	10	69	71	0	12	BR		0.0	0.00	29.91	30.04	9.4	12	9.5	23	13	17	14	26			
27	84	67	76	10	68	70	0	11			0.0	0.00	29.97	30.10	6.7	11	7.1	20	12	16	11	27			
28	84	65	75	9	68	70	0	10	FG+ BR		0.0	0.00	29.99	30.11	7.2	12	7.5	25	14	21	13	28			
29	82	66	74	9	69	70	0	9	RA BR		0.0	0.68	29.94	30.06	4.8	14	6.2	24	13	20	14	29			
30	83	67	75	10	69	71	0	10	RA MIFG BR		0.0	T	29.96	30.09	5.4	14	5.5	18	14	16	13	30			
31	84	65	75	10	67	69	0	10	FG+ BR HZ		0.0	0.00	29.92	30.05	8.0	13	8.4	23	13	20	13	31			
MONTHLY AVERAGES											TOTALS-->		0.0 3.27		30.00 30.13		<- MONTHLY AVERAGES								
DEPARTURE FROM NORMAL											-1.00		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 0.87 DATE: 07-08				SEA LEVEL PRESSURE DATE TIME										
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: 0.0 DATE:				MAXIMUM : 30.58 09 0953										
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOW DEPTH: 0 DATE:				MINIMUM : 29.84 05 1653										
HEATING: 51 20 56 25											NUMBER OF DAYS WITH =>				PRECIPITATION ≥ 0.01 INCH : 12										
COOLING: 242 68 3221 600											MAXIMUM TEMP ≥ 90: 4				PRECIPITATION ≥ 0.10 INCH : 9										
											MAXIMUM TEMP ≤ 32 : 0				SNOWFALL ≥ 1.0 INCH : 0										
											THUNDERSTORMS : 5				HEAVY FOG : 5										

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# HOUSTON, TX

OCTOBER 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				T									02												02		T		
03													03												03		0.00		
04													04												04		0.00		
05												0.29	05	0.03	0.01										05		0.33		
06													06							T					06		0.22		
07												0.21	07	0.28	0.15	0.12	0.01	T		0.04	0.01	0.02	T	T	07		0.85		
08	T			T		0.01	0.01	T		T		0.02	08	T	0.01	0.01	T	T	T	T			0.01	T	08		0.05		
09		T		T		0.01		T		T		T	09											T	09		0.01		
10					T								10												10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13													13												13		0.00		
14													14												14		0.00		
15													15	0.05			T								15		0.05		
16													16						T		T	0.04	0.06	T		16		0.11	
17	0.01		T										17							0.04	0.16	0.11	0.04		17		0.36		
18								T					18												18		T		
19								T					19												19		0.00		
20													20												20		0.00		
21													21			T	T	0.01						T	21		0.12		
22	0.03											T	22	0.09	T	0.09					T			T	22		0.27		
23													23	0.11	0.11										23		0.22		
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					0.01								29	0.07	0.21	0.12	0.26	T	0.01						29		0.68		
30					T								30												30		T		
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)	.20	.29	.30	.32	.34	.34	.37	.43	.46	.56	.62	.68
Ending Date	05	05	05	29	29	29	29	07	07	29	07	07
Ending Time (Hour/Min)	1151	1154	1154	1506	1506	1506	1539	1252	1313	1506	1404	1435

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.







# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

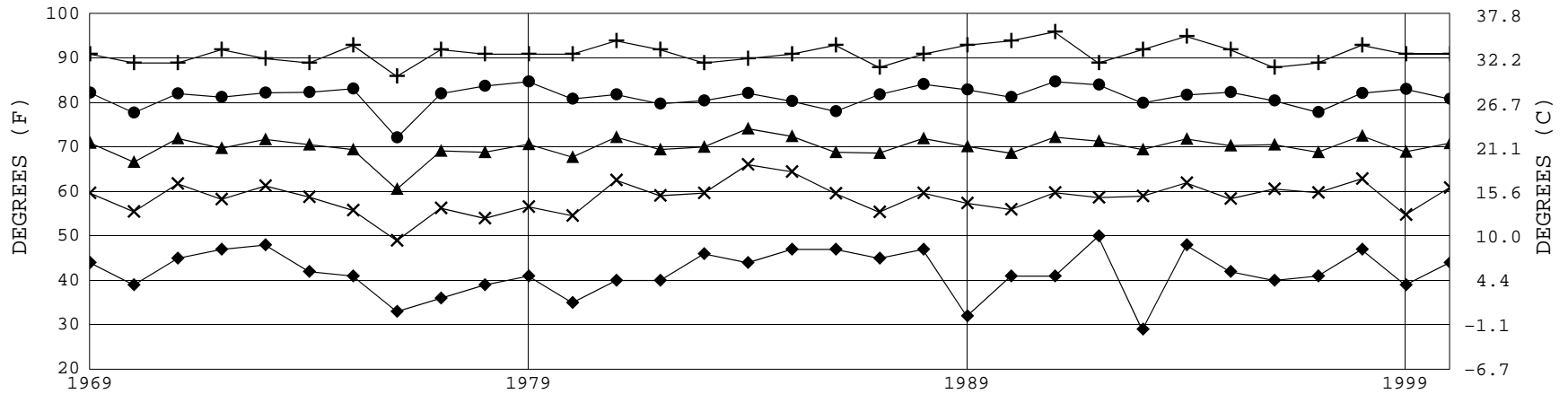
OCTOBER 2000

IAH

WBAN # 12960

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Okltas		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 Okltas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)
SUNRISE: 0631							OCT 25	SUNSET: 1740							SUNRISE: 0635							OCT 31	SUNSET: 1735						
03	BKN	003			0.25	FG	69	68	68	96	7	10	30.02	30.15	03	BKN	019			3.00	BR	67	67	67	100	0	00	29.93	30.06
06	BKN	003			1.75	BR	67	66	66	97	6	08	30.03	30.15	06	VV	001			0.25	FG	67	66	66	97	0	00	29.94	30.06
09	BKN	250			10.00		72	64	67	76	13	10	30.04	30.16	09	BKN	250			5.00	HZ	76	70	72	82	8	11	29.98	30.11
12	SCT	NC			10.00		81	61	68	51	12	12	29.99	30.12	12	BKN	250			10.00		82	65	71	56	12	16	29.95	30.07
15	BKN	250			10.00		79	65	70	62	12	11	29.92	30.05	15	BKN	060			10.00		82	68	73	63	20	14	29.89	30.02
18	BKN	250			10.00		74	67	69	79	12	13	29.93	30.05	18	SCT	NC			6.00	HZ	76	69	71	79	14	13	29.89	30.02
21	OVC	110			10.00		72	68	69	87	8	11	29.95	30.07	21	SCT	NC			7.00		72	69	70	91	9	14	29.89	30.01
24	OVC	007			9.00		71	69	70	94	7	12	29.93	30.06	24	SCT	NC			9.00		69	66	67	90	5	13	29.87	29.99
SUNRISE: 0631							OCT 26	SUNSET: 1739							3-HOURLY OBSERVATION NOTES														
03	OVC	005			7.00		71	70	70	96	7	11	29.90	30.03	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	120			7.00		70	69	69	97	8	12	29.90	30.03	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.														
09	BKN	010			10.00		76	70	72	82	10	12	29.94	30.07	NC= No ceiling detected.														
12	BKN	046			10.00		83	68	73	61	12	12	29.93	30.05	& = Original observation contained additional weather elements.														
15	SCT	NC			10.00		82	68	73	63	10	11	29.86	29.99	See page 3 for additional notes.														
18	SCT	NC			10.00		75	67	70	76	9	11	29.88	30.00															
21	SCT	NC			10.00		70	68	69	93	6	12	29.93	30.06															
24	SCT	NC			10.00		71	69	70	94	8	11	29.94	30.06															
SUNRISE: 0632							OCT 27	SUNSET: 1738																					
03	FEW	NC			9.00		68	67	67	96	5	08	29.93	30.05															
06	OVC	095			7.00		68	67	67	96	3	04	29.96	30.08															
09	BKN	250			10.00		75	71	72	88	7	11	30.01	30.13															
12	BKN	250			10.00		82	67	72	60	8	10	29.98	30.11															
15	BKN	250			10.00		83	68	73	61	16	12	29.94	30.06															
18	SCT	NC			10.00		76	70	72	82	13	12	29.96	30.08															
21	SCT	NC			10.00		71	69	70	94	5	16	30.02	30.14															
24	SCT	NC			10.00		69	68	68	96	0	00	30.01	30.14															
SUNRISE: 0633							OCT 28	SUNSET: 1738																					
03	FEW	NC			3.00	BR	67	66	66	97	0	00	30.00	30.13															
06	BKN	250			6.00	BR	67	67	67	100	5	08	30.01	30.13															
09	OVC	004			1.00	BR	73	70	71	90	10	10	30.05	30.17															
12	BKN	250			10.00		83	68	73	61	12	13	30.01	30.13															
15	BKN	250			10.00		80	68	72	67	16	13	29.94	30.07															
18	BKN	250			10.00		76	68	71	77	14	13	29.92	30.05															
21	SCT	NC			10.00		71	69	70	94	5	13	29.97	30.09															
24	CLR	NC			10.00		69	67	68	93	7	15	29.95	30.07															
SUNRISE: 0633							OCT 29	SUNSET: 1737																					
03	SCT	NC			10.00		67	66	66	97	3	09	29.93	30.05															
06	BKN	023			9.00		69	67	68	93	3	11	29.94	30.06															
09	BKN	027			10.00		75	70	72	84	9	12	29.97	30.09															
12	BKN	050			10.00		79	68	72	69	12	14	29.94	30.06															
15	OVC	030			3.00	+RA BR	74	71	72	91	8	23	29.90	30.03															
18	SCT	NC			10.00		74	69	71	85	6	16	29.91	30.04															
21	BKN	080			10.00		71	68	69	90	7	14	29.95	30.08															
24	BKN	075			10.00		71	68	69	90	6	12	29.95	30.07															
SUNRISE: 0634							OCT 30	SUNSET: 1736																					
03	OVC	055			5.00	BR	70	69	69	97	0	00	29.93	30.06															
06	SCT	NC			8.00	MIFG	68	67	67	96	0	00	29.95	30.08															
09	OVC	055			8.00		76	72	73	88	8	13	29.99	30.12															
12	BKN	060			10.00		81	70	74	69	8	13	29.98	30.11															
15	BKN	090			10.00		81	70	74	69	12	14	29.93	30.05															
18	SCT	NC			10.00		76	66	70	72	8	15	29.94	30.07															
21	BKN	250			8.00		71	68	69	90	5	15	29.98	30.10															
24	FEW	NC			3.00	BR	68	67	67	96	5	14	29.97	30.10															

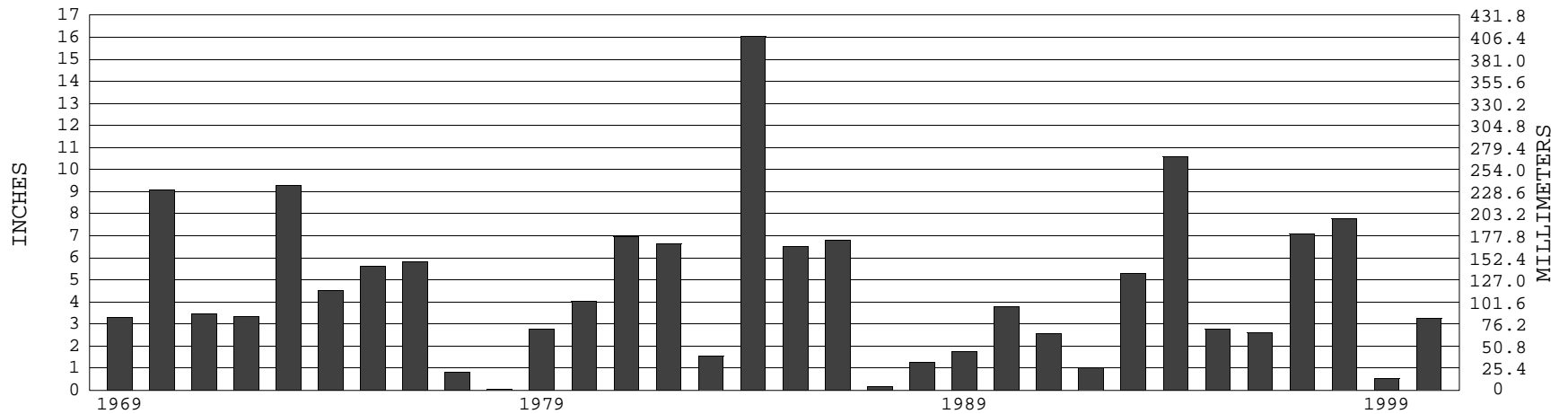
### HOUSTON, TX OCTOBER TEMPERATURES



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

Long-Term (1969-2000) Mean: 70.1      1961-1990 Normal: 69.6

### HOUSTON, TX OCTOBER PRECIPITATION



Long-Term (1969-2000) Mean Monthly Total: 4.61

1961-1990 Normal: 4.27



**OCTOBER 2000  
HOUSTON, TX**

**LOCAL CLIMATOLOGICAL DATA**

NOAA, National Climatic Data Center

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