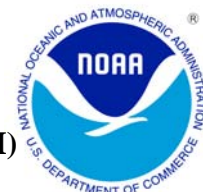




OCTOBER 2007 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
Lat:29° 59'N Long: 95° 21'W Elev (Ground) 94 Feet
Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



OCTOBER 2007
HOUSTON, TX

Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC		2-MIN			
																		SPEED 20	DIR 21	SPEED 22	DIR 23			
01	92	75	84*	9	72	75	0	19	BR	0		0.0	0.00	30.01	30.13	4.6	14	5.6	16	13	15	12	01	
02	90	70	80	5	65	70	0	15	BR HZ	0		0.0	0.00	29.88	30.02	2.9	14	3.7	15	11	13	11	02	
03	91	66	79	4	62	68	0	14		0		0.0	0.00	29.80	29.92	1.0	12	2.0	14	10	10	04	03	
04	92	67	80	6	66	71	0	15		0		0.0	0.00	29.75	29.87	3.7	05	5.5	16	12	13	07	04	
05	87	73	80	6	72	74	0	15	TSRA RA BR	0		0.0	0.11	29.75	29.87	5.1	03	6.6	22	06	20	08	05	
06	88	75	82	9	74	76	0	17	TS TSRA RA BR	0		0.0	0.42	29.78	29.90	2.1	12	4.3	16	17	14	18	06	
07	90	74	82	9	74	76	0	17	TSRA RA FG+ BR	0		0.0	0.95	29.77	29.88	7.4	07	8.3	40	10	36	09	07	
08	90	75	83	10	73	75	0	18	BR HZ	0		0.0	0.00	29.83	29.94	4.8	05	6.0	14	07	12	35	08	
09	93*	73	83	10	71	74	0	18	RA	0		0.0	T	29.91	30.02	5.3	02	6.2	25	02	22	02	09	
10	87	65	76	4	61	66	0	11		0		0.0	0.00	29.87	29.99	5.6	04	6.1	17	03	14	03	10	
11	88	62	75	3	59	65	0	10		0		0.0	0.00	29.80	29.92	2.8	04	3.8	16	05	13	06	11	
12	85	63	74	2	58	64	0	9		0		0.0	0.00	29.83	29.94	2.6	10	4.7	14	10	12	09	12	
13	86	60	73	2	59	64	0	8		0		0.0	0.00	29.80	29.91	6.5	13	7.0	22	13	18	13	13	
14	85	62	74	3	66	69	0	9	RA	0		0.0	0.02	29.75	29.87	8.9	12	9.5	24	12	20	13	14	
15	88	65	77	6	67	69	0	12	TSRA RA FG BR	0		0.0	4.87	29.75	29.86	5.9	11	10.4	41*	36	36*	35	15	
16	84	65	75	5	68	70	0	10	RA BR HZ	0		0.0	0.08	29.72	29.84	6.3	06	8.0	16	06	14	05	16	
17	91	73	82	12	72	75	0	17	RA BR	0		0.0	0.02	29.54	29.66	5.8	17	7.8	25	21	16	18	17	
18	91	74	83	13	71	74	0	18	BR	0		0.0	0.00	29.59	29.69	4.6	24	6.4	21	25	15	27	18	
19	86	59	73	3	52	60	0	8		0		0.0	0.00	29.81	29.91	2.4	04	3.9	14	05	12	02	19	
20	87	56	72	3	57	63	0	7		0		0.0	0.00	29.85	29.97	5.3	15	5.4	22	13	16	14	20	
21	87	62	75	6	63	67	0	10		0		0.0	0.00	29.77	29.89	7.6	14	8.1	29	14	21	12	21	
22	77	55	66	-2	56	59	0	1	RA MIFG BR	0		0.0	0.38	29.91	29.99	11.5	32	12.9	36	33	29	31	22	
23	70	49	60	-8	40	50	5	0		0		0.0	0.00	30.01	30.12	10.5	31	11.1	32	33	25	32	23	
24	79	49	64	-4	40	51	1	0		0		0.0	0.00	29.93	30.05	10.0	32	11.3	33	33	28	34	24	
25	71	48	60	-7	39	48	5	0		0		0.0	0.00	29.88	30.01	6.4	32	6.9	22	33	18	32	25	
26	74	42*	58*	-9	40	49	7	0		0		0.0	0.00	29.99	30.09	1.8	01	2.7	14	04	12	02	26	
27	76	47	62	-5	47	53	3	0		0		0.0	0.00	30.21	30.30	5.9	02	6.6	23	02	16	36	27	
28	76	52	64	-2	49	55	1	0		0		0.0	0.00	30.27	30.38	8.0	02	8.3	23	03	20	01	28	
29	75	52	64	-2	49	55	1	0		0		0.0	0.00	30.22	30.34	5.7	01	6.6	20	35	15	02	29	
30	78	51	65	-1	51	56	0	0	BR	0		0.0	0.00	30.09	30.22	1.6	06	3.2	12	09	9	07	30	
31	82	52	67	1	58	61	0	2	BR HZ	0		0.0	0.00	29.98	30.11	0.4	05	2.2	12	09	9	12	31	
84.4		61.6	73.0	Σ	59.7	64.6	0.7	9.0	< MONTHLY AVERAGES TOTALS >		0.0	6.85	29.88	29.99	2.0	05	6.5	< MONTHLY AVERAGES						
2.4	2.8	2.6	<----- DEPARTURE FROM NORMAL ----->		2.35		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																	
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 4.95 DATE : 15-16				SEA LEVEL PRESSURE				DATE TIME								
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.45 28 1053												
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.58 17 1606												
HEATING :		23 -14		23 -15		NUMBER OF DAYS WITH ->		MAXIMUM TEMP >= 90 : 9		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 8												
COOLING :		280 -84		3123 320		THUNDERSTORMS : 4		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 5												
								HEAVY FOG : 1				SNOWFALL >= 1.0 INCH : 0												

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
OCTOBER 2007

WBAN # 12960

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	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													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05	T	0.01			0.10					T	T	05	0.11	0.11	
06	0.01					T		T	0.09	0.31			06				0.94	T	0.01					06	0.42	0.42		
07										T			07					0.01		T				07	0.95	0.95		
08													08											08	0.00	0.00		
09													09				T							09	T	T		
10													10											10	0.00	0.00		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13											13	0.00	0.00		
14													14			T	T	0.01			T	T		14	0.02	0.02		
15	T												15	T	0.04	2.14	1.79	0.60	0.19	0.02	0.02	0.01	0.01	0.01	15	4.87	4.87	
16	0.07	0.01	T										16											16	0.08	0.08		
17													17			T	0.02		T					17	0.02	0.02		
18													18											18	0.00	0.00		
19													19											19	0.00	0.00		
20													20											20	0.00	0.00		
21													21											21	0.00	0.00		
22													22	T	T	T								22	0.38	0.38		
23													23											23	0.00	0.00		
24													24											24	0.00	0.00		
25													25											25	0.00	0.00		
26													26											26	0.00	0.00		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29													29											29	0.00	0.00		
30													30											30	0.00	0.00		
31													31											31	0.00	0.00		

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.37	0.64	0.89	1.16	1.71	2.30	2.73	3.51	3.89	4.06	4.36	4.59
Ending Date	15	15	15	15	15	15	15	15	15	15	15	15
Ending Time (Hr/Min)	1446	1450	1446	1450	1451	1504	1519	1539	1557	1612	1643	1708

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. 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.

Date and time are not entered for TRACE amounts.

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		
DESCRIPTOR	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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

HOUSTON, TX OCTOBER 2007

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	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							3.00	10.00	
02							5.00	10.00	
03							8.00	10.00	
04							8.00	10.00	
05							1.00	10.00	
06							0.75	10.00	
07							3.00	10.00	
08							2.50	10.00	
09							7.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							8.00	10.00	
14							7.00	10.00	
15							0.50	10.00	
16							0.25	10.00	
17							1.50	10.00	
18							5.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							0.75	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							8.00	10.00	
29							10.00	10.00	
30							6.00	10.00	
31							2.00	10.00	
MONTHLY AVGS							6.36	10.00	
SUNSHINE (Minutes)									
Total : 0 Possible : 21264									
Percent Possible : 0									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear Partly CLDY Cloudy Missing									
MINIMUM VISIBILITY (MILES)									
<= .25 <= 3.0 >= 7.0									
1 10 18									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
OCTOBER 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)											
			Observation Time (LST)	Eff Cld Amt Oktas		DRY BULB	DEW POINT	WET BULB			STATION	SEA LEVEL				Observation Time (LST)	Eff Cld Amt Oktas		DRY BULB	DEW POINT	WET BULB			STATION	SEA LEVEL										
			VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)			STATION	SEA LEVEL				VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)			STATION	SEA LEVEL										
SUNRISE: 0615						OCT 01						SUNSET: 1808						SUNRISE: 0618						OCT 07						SUNSET: 1801					
03	SCT	250			4.00	BR	76	74	75	94	0	00	30.03	30.15	03	OVC	025			7.00	77	75	76	94	8	07	29.76	29.87							
06	BKN	250			4.00	BR	75	73	74	94	5	11	30.06	30.17	06	SCT	050			7.00	76	73	74	90	5	36	29.77	29.88							
09	SCT	250			8.00		82	75	77	79	7	12	30.09	30.20	09	OVC	008			7.00	79	74	76	85	11	08	29.81	29.92							
12	BKN	250			10.00		87	72	77	61	6	14	30.06	30.17	12	BKN	250			10.00	85	73	77	67	8	10	29.78	29.89							
15	SCT	250			10.00		92	70	77	49	7	14	29.98	30.08	15	BKN	250			10.00	86	74	78	68	14	06	29.73	29.84							
18	SCT	250			10.00		84	71	75	65	13	14	29.96	30.07	18	BKN	130			10.00	-RA	77	74	75	91	10	10	29.75	29.86						
21	SCT	250			10.00		79	72	74	79	5	18	30.00	30.10	21	BKN	250			10.00	77	72	74	85	13	11	29.80	29.91							
24	SCT	250			10.00		77	71	73	82	3	19	29.98	30.09	24	BKN	045			10.00	76	73	74	90	8	06	29.80	29.91							
SUNRISE: 0615						OCT 02						SUNSET: 1807						SUNRISE: 0619						OCT 08						SUNSET: 1759					
03	FEW	250			8.00		71	69	70	93	0	00	29.97	30.07	03	BKN	250			10.00	76	73	74	90	6	02	29.79	29.89							
06	SCT	250			6.00	BR	71	69	70	93	0	00	29.96	30.07	06	BKN	250			9.00	75	72	73	90	7	06	29.80	29.91							
09	SCT	250			10.00		82	69	73	65	7	15	29.98	30.08	09	OVC	250			2.50	BR	77	73	74	88	8	06	29.85	29.96						
12	SCT	250			10.00		88	64	72	45	9	12	29.93	30.03	12	OVC	012			7.00	82	74	76	77	10	10	29.86	29.97							
15	SCT	250			10.00		89	60	70	38	5	VR	29.85	29.96	15	BKN	250			10.00	88	73	77	61	5	33	29.81	29.91							
18	SCT	250			10.00		81	59	67	47	9	12	29.83	29.94	18	SCT	250			10.00	82	72	75	72	5	05	29.82	29.93							
21	FEW	250			10.00		77	63	68	62	7	19	29.85	29.96	21	SCT	250			10.00	77	73	74	88	5	01	29.87	29.98							
24	CLR	NC			10.00		72	64	67	76	0	00	29.84	29.95	24	FEW	250			10.00	76	72	73	87	0	00	29.88	29.99							
SUNRISE: 0616						OCT 03						SUNSET: 1806						SUNRISE: 0619						OCT 09						SUNSET: 1758					
03	FEW	250			10.00		68	64	66	87	0	00	29.81	29.92	03	FEW	250			9.00	75	71	72	87	0	00	29.89	29.99							
06	SCT	250			9.00		67	63	65	87	0	00	29.84	29.94	06	FEW	030			8.00	74	70	71	87	5	01	29.92	30.03							
09	SCT	250			10.00		79	65	70	62	3	32	29.86	29.97	09	SCT	250			10.00	82	72	75	72	9	05	29.97	30.08							
12	SCT	250			10.00		87	60	70	40	0	00	29.85	29.95	12	SCT	250			10.00	89	71	76	55	11	03	29.95	30.05							
15	SCT	250			10.00		89	58	69	35	3	VR	29.76	29.87	15	BKN	250			10.00	93	69	76	46	9	36	29.88	29.98							
18	SCT	250			10.00		80	64	70	58	5	13	29.75	29.86	18	SCT	250			10.00	85	72	76	65	8	01	29.88	29.99							
21	FEW	250			10.00		72	63	66	73	0	00	29.80	29.90	21	FEW	250			9.00	80	71	74	74	6	35	29.92	30.03							
24	FEW	250			10.00		71	64	67	79	0	00	29.79	29.90	24	FEW	250			10.00	76	70	72	82	3	03	29.93	30.03							
SUNRISE: 0616						OCT 04						SUNSET: 1805						SUNRISE: 0620						OCT 10						SUNSET: 1757					
03	FEW	250			10.00		70	64	66	81	0	00	29.77	29.88	03	BKN	250			10.00	73	67	69	82	5	04	29.92	30.02							
06	FEW	250			8.00		68	64	66	87	5	34	29.79	29.89	06	SCT	250			10.00	71	66	68	84	6	04	29.94	30.04							
09	FEW	250			10.00		80	66	71	62	8	02	29.80	29.91	09	SCT	250			10.00	78	60	67	54	8	06	29.96	30.07							
12	SCT	250			10.00		89	65	73	45	8	06	29.78	29.88	12	FEW	250			10.00	83	56	66	40	9	06	29.92	30.03							
15	SCT	250			10.00		91	67	75	45	10	03	29.72	29.83	15	FEW	250			10.00	86	53	66	32	10	04	29.84	29.95							
18	SCT	250			10.00		85	67	73	55	9	09	29.71	29.82	18	FEW	250			10.00	77	55	64	47	6	07	29.82	29.93							
21	SCT	250			10.00		78	69	72	74	5	VR	29.76	29.87	21	CLR	NC			10.00	67	60	63	78	0	00	29.84	29.95							
24	SCT	250			10.00		75	70	72	85	0	00	29.77	29.88	24	FEW	120			10.00	67	62	64	84	0	00	29.83	29.94							
SUNRISE: 0617						OCT 05						SUNSET: 1804						SUNRISE: 0621						OCT 11						SUNSET: 1755					
03	SCT	250			10.00		73	69	70	87	6	36	29.75	29.86	03	FEW	110			10.00	66	61	63	84	3	34	29.82	29.92							
06	FEW	250			10.00		73	69	70	87	0	00	29.77	29.88	06	FEW	120			10.00	63	59	61	87	3	02	29.82	29.93							
09	OVC	250			10.00		80	72	75	77	9	06	29.80	29.91	09	FEW	250			10.00	75	61	66	62	3	02	29.86	29.97							
12	OVC	022			10.00		83	73	76	72	13	06	29.79	29.90	12	SCT	250			10.00	86	51	65	30	7	07	29.84	29.95							
15	BKN	100			10.00		84	75	78	74	5	03	29.75	29.85	15	SCT	250			10.00	87	52	66	30	7	33	29.78	29.88							
18	BKN	250			3.00	-TSRA BR	79	75	76	88	8	01	29.74	29.85	18	SCT	250			10.00	75	60	66	60	5	11	29.77	29.87							
21	BKN	075			10.00		78	74	75	88	9	02	29.76	29.86	21	SCT	250			10.00	69	60	64	73	0	00	29.81	29.91							
24	OVC	015			4.00	-RA BR	78	76	77	94	5	25	29.75	29.85	24	CLR	NC			10.00	66	60	62	81	0	00	29.80	29.91							
SUNRISE: 0618						OCT 06						SUNSET: 1802						SUNRISE: 0621						OCT 12						SUNSET: 1754					
03	OVC	060			7.00		79	75	76	88	9	15	29.78	29.88	03	CLR	NC			10.00	63	60	61	90	5	04	29.82	29.93							
06	OVC	045			5.00	-TSRA BR	78	75	76	91	0	00	29.80	29.90	06	CLR	NC			10.00	63	58	60	84	3	VR	29.86	29.96							
09	OVC	100			4.00	-RA BR	78	75	76	91	0	00	29.85	29.96	09	CLR	NC			10.00	71	56	62	59	8	07	29.89	30.00							
12	BKN	100			9.00		86	72	76	63	3	VR	29.81	29.92	12	FEW	035			10.00	81	57	66	44	7	12	29.86	29.97							
15	SCT	050			10.00		83	74	77	74	6	22	29.77	29.87	15	FEW	040			10.00	84	54	66	36	5	VR	29.80	29.91							
18	BKN	250			10.00		81	75	77	82	9	04	29.77	29.88	18	SCT	250			10.00	73	59	64	62	7	11	29.79	29.90							
21	BKN	250			10.00		77	74	75	91	0	00	29.80	29.91	21	SCT	250			10.00	72	59	64	64	6	18	29.82	29.93							
24	SCT	250			10.00		76	74	75	94	3	04	29.79	29.89	24	FEW	250			10.00	64	59	61	84	0	00	29.83	29.93							

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
OCTOBER 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)			Eff Cld Amt Oktas	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
																												DRY BULB	DEW POINT
SUNRISE: 0622						OCT 13						SUNSET: 1753																	
03	SCT	250			8.00		63	60	61	90	0	00	29.82	29.93	03	FEW	090			10.00		67	53	59	61	3	34	29.74	29.84
06	FEW	250			10.00		62	57	59	84	0	00	29.84	29.95	06	FEW	250			10.00		60	55	57	84	5	34	29.77	29.88
09	CLR	NC			10.00		73	62	66	69	7	11	29.86	29.96	09	FEW	250			10.00		75	50	61	42	5	04	29.82	29.93
12	FEW	044			10.00		83	60	68	46	9	12	29.81	29.92	12	FEW	250			10.00		83	42	60	24	9	06	29.84	29.94
15	FEW	055			10.00		83	58	67	43	11	13	29.76	29.87	15	CLR	NC			10.00		85	43	62	23	5	06	29.80	29.91
18	SCT	250			10.00		75	58	65	56	13	13	29.76	29.87	18	FEW	250			10.00		71	54	61	55	3	16	29.80	29.91
21	CLR	NC			10.00		69	57	62	66	7	13	29.81	29.91	21	FEW	250			10.00		68	53	59	59	3	17	29.86	29.97
24	SCT	045			10.00		64	58	60	81	5	12	29.79	29.90	24	CLR	NC			10.00		61	56	58	84	0	00	29.85	29.96
SUNRISE: 0623						OCT 14						SUNRISE: 0627						OCT 19						SUNSET: 1747					
03	FEW	250			10.00		64	60	62	87	0	00	29.77	29.88	03	CLR	NC			10.00		59	55	57	87	0	00	29.85	29.96
06	FEW	250			10.00		63	60	61	90	7	05	29.78	29.88	06	CLR	NC			10.00		57	54	55	90	0	00	29.90	30.01
09	BKN	055			10.00		75	64	68	69	10	10	29.80	29.91	09	CLR	NC			10.00		74	64	68	71	6	13	29.93	30.03
12	OVC	050			10.00		82	66	71	58	20	13	29.77	29.88	12	CLR	NC			10.00		85	55	67	36	11	16	29.90	30.01
15	OVC	028			10.00		79	67	71	67	14	12	29.73	29.84	15	CLR	NC			10.00		87	52	66	30	10	16	29.83	29.93
18	OVC	026			10.00		77	69	72	76	10	11	29.72	29.83	18	CLR	NC			10.00		76	59	66	56	10	13	29.82	29.93
21	OVC	044			10.00		77	71	73	82	10	14	29.75	29.85	21	CLR	NC			10.00		70	58	63	66	6	16	29.85	29.96
24	OVC	060			7.00	RA	78	70	73	77	8	15	29.75	29.86	24	CLR	NC			10.00		68	58	62	71	3	15	29.83	29.94
SUNRISE: 0623						OCT 15						SUNRISE: 0627						OCT 21						SUNSET: 1745					
03	BKN	100			10.00		76	70	72	82	9	16	29.73	29.83	03	CLR	NC			10.00		63	59	61	87	0	00	29.80	29.91
06	BKN	100			10.00		76	70	72	82	3	16	29.73	29.84	06	SCT	039			10.00		65	61	63	87	0	00	29.80	29.91
09	SCT	250			10.00		83	70	74	65	14	17	29.75	29.86	09	SCT	100			10.00		78	65	70	64	11	15	29.82	29.93
12	OVC	055			10.00		86	71	76	61	14	15	29.73	29.84	12	SCT	250			10.00		84	63	70	49	13	17	29.80	29.91
15	OVC	024			0.50	TS+RA FG	65	63	64	93	16	02	29.75	29.86	15	BKN	250			10.00		84	63	70	49	15	14	29.73	29.84
18	OVC	055			3.00	-TSRA BR	66	63	64	90	16	04	29.78	29.89	18	BKN	250			10.00		78	66	70	67	14	12	29.75	29.86
21	BKN	250			10.00		66	63	64	90	9	08	29.77	29.88	21	SCT	250			10.00		71	66	68	84	8	11	29.78	29.89
24	OVC	100			7.00	-RA	67	65	66	93	5	12	29.78	29.89	24	BKN	250			10.00		72	68	69	87	5	14	29.76	29.87
SUNRISE: 0624						OCT 16						SUNRISE: 0628						OCT 22						SUNSET: 1744					
03	OVC	100			10.00		67	64	65	90	8	01	29.75	29.86	03	BKN	250			10.00		70	68	69	93	0	00	29.74	29.85
06	OVC	029			10.00		65	62	63	90	8	02	29.78	29.88	06	BKN	045			9.00		72	70	71	93	0	00	29.75	29.86
09	OVC	003			0.25	BR	66	64	65	93	10	05	29.82	29.93	09	OVC	044			0.75	-RA BR	63	59	61	87	20	29	29.83	29.94
12	BKN	130			10.00		77	69	72	76	10	08	29.77	29.88	12	OVC	050			10.00		60	54	57	81	22	34	29.92	30.03
15	SCT	130			10.00		83	70	74	65	10	11	29.71	29.81	15	OVC	060			10.00		59	52	55	78	24	31	29.89	29.99
18	SCT	250			10.00		79	71	74	77	6	03	29.70	29.80	18	OVC	031			10.00		58	48	53	70	21	31	29.95	30.06
21	FEW	030			9.00		73	71	72	93	7	11	29.69	29.80	21	OVC	048			10.00		58	46	52	65	14	31	30.01	30.12
24	SCT	250			9.00		73	71	72	93	6	05	29.66	29.76	24	BKN	040			10.00		55	44	50	67	13	31	30.02	30.13
SUNRISE: 0625						OCT 17						SUNRISE: 0629						OCT 23						SUNSET: 1743					
03	OVC	004			7.00		75	73	74	94	8	09	29.61	29.72	03	CLR	NC			10.00		52	43	48	72	14	30	30.00	30.11
06	BKN	038			3.00	BR	76	74	75	94	6	10	29.60	29.71	06	CLR	NC			10.00		51	42	47	71	9	29	30.01	30.12
09	OVC	014			6.00	-RA BR	79	75	76	88	0	00	29.59	29.70	09	CLR	NC			10.00		59	40	50	50	11	31	30.08	30.19
12	BKN	250			10.00		86	76	79	72	9	20	29.53	29.64	12	FEW	035			10.00		67	34	51	30	21	33	30.03	30.15
15	BKN	038			10.00		89	74	78	61	10	20	29.48	29.58	15	CLR	NC			10.00		70	31	51	24	21	33	29.98	30.09
18	SCT	250			10.00		83	63	70	51	9	18	29.50	29.61	18	CLR	NC			10.00		63	34	49	34	6	30	30.00	30.11
21	CLR	NC			10.00		78	71	73	79	9	19	29.54	29.65	21	CLR	NC			10.00		54	43	49	67	3	27	30.03	30.15
24	CLR	NC			10.00		77	72	74	85	7	17	29.54	29.64	24	CLR	NC			10.00		52	43	48	72	6	27	30.00	30.11
SUNRISE: 0625						OCT 18						SUNRISE: 0629						OCT 24						SUNSET: 1742					
03	FEW	014			10.00		78	74	75	88	7	19	29.53	29.63	03	CLR	NC			10.00		51	40	46	66	9	28	29.98	30.10
06	BKN	028			6.00	BR	77	74	75	91	3	18	29.56	29.67	06	CLR	NC			10.00		50	39	45	66	7	28	29.97	30.08
09	BKN	033			10.00		82	74	76	77	11	22	29.59	29.70	09	CLR	NC			10.00		63	42	52	46	8	28	29.98	30.09
12	SCT	033			10.00		88	72	77	59	11	23	29.58	29.69	12	CLR	NC			10.00		76	47	60	36	18	31	29.90	30.01
15	SCT	040			10.00		90	72	77	56	7	27	29.54	29.64	15	FEW	035			10.00		76	39	57	26	22	34	29.86	29.97
18	SCT	100			9.00		83	70	74	65	3	27	29.55	29.66	18	CLR	NC			10.00		67	37	52	33	13	35	29.91	30.02
21	FEW	040			8.00		80	68	72	67	5	30	29.62	29.73	21	CLR	NC			10.00		61	39	50	44	8	36	29.96	30.07
24	BKN	085			10.00		74	58	64	58	0	00	29.68	29.78	24	CLR	NC			10.00		55	39	47	55	7	34	29.94	30.05

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

OCTOBER 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0630 SUNSET: 1741													
03	CLR	NC				52	38	45	59	5	31	29.92	30.03
06	CLR	NC				50	38	44	64	8	32	29.92	30.02
09	CLR	NC				58	39	49	49	8	35	29.94	30.05
12	CLR	NC				65	38	52	37	13	28	29.90	30.01
15	CLR	NC				70	34	52	27	11	33	29.82	29.93
18	CLR	NC				62	36	50	38	3	31	29.84	29.95
21	CLR	NC				52	43	48	72	0	00	29.90	30.01
24	CLR	NC				53	38	46	57	0	00	29.90	30.00
SUNRISE: 0631 SUNSET: 1740													
03	CLR	NC				46	42	44	86	0	00	29.91	30.02
06	CLR	NC				44	41	43	89	0	00	29.93	30.04
09	FEW	020				58	45	51	62	0	00	30.00	30.11
12	CLR	NC				71	38	54	30	5	35	29.98	30.10
15	CLR	NC				72	35	54	26	6	VR	29.95	30.06
18	CLR	NC				60	44	52	56	7	06	29.98	30.10
21	CLR	NC				57	40	49	53	0	00	30.06	30.16
24	CLR	NC				50	43	47	77	0	00	30.11	30.22
SUNRISE: 0631 SUNSET: 1739													
03	CLR	NC				50	42	46	74	3	32	30.11	30.23
06	CLR	NC				48	41	45	77	3	36	30.16	30.28
09	CLR	NC				60	48	54	65	10	05	30.24	30.35
12	FEW	250				72	47	58	41	11	05	30.22	30.34
15	CLR	NC				75	49	60	40	13	02	30.18	30.29
18	CLR	NC				66	50	57	57	7	36	30.19	30.32
21	CLR	NC				59	51	55	75	5	01	30.26	30.37
24	CLR	NC				55	50	52	83	3	02	30.29	30.39
SUNRISE: 0632 SUNSET: 1738													
03	CLR	NC				53	48	50	83	3	01	30.27	30.38
06	CLR	NC				52	48	50	86	0	00	30.29	30.40
09	CLR	NC				62	50	56	65	13	04	30.35	30.45
12	CLR	NC				72	49	59	44	10	03	30.30	30.41
15	CLR	NC				75	49	60	40	15	01	30.22	30.34
18	CLR	NC				69	49	58	49	8	02	30.24	30.35
21	CLR	NC				63	50	56	63	7	35	30.26	30.37
24	CLR	NC				57	49	53	75	9	03	30.27	30.37
SUNRISE: 0633 SUNSET: 1737													
03	CLR	NC				53	47	50	80	3	36	30.27	30.37
06	CLR	NC				52	47	49	83	3	35	30.26	30.37
09	CLR	NC				61	49	55	65	9	05	30.29	30.40
12	CLR	NC				71	49	59	46	10	03	30.24	30.36
15	CLR	NC				75	49	60	40	14	01	30.19	30.29
18	FEW	250				66	49	57	54	6	33	30.18	30.29
21	SCT	250				59	49	54	70	5	36	30.19	30.31
24	BKN	250				56	48	52	75	3	01	30.19	30.30
SUNRISE: 0634 SUNSET: 1736													
03	FEW	250				53	47	50	80	5	33	30.16	30.27
06	CLR	NC				51	47	49	86	0	00	30.16	30.27
09	FEW	250				61	52	56	72	3	VR	30.18	30.29
12	FEW	250				74	52	61	46	5	VR	30.14	30.25
15	FEW	250				77	53	63	43	8	06	30.06	30.16
18	FEW	250				67	55	60	66	5	05	30.03	30.15
21	FEW	250				60	54	57	81	3	13	30.06	30.16
24	CLR	NC			BR	57	54	55	90	0	00	30.05	30.16

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
														OCT 31	
SUNRISE: 0634 SUNSET: 1736															
03	CLR	NC				6.00	BR	55	52	53	90	3	32	30.02	30.13
06	FEW	250				6.00	BR	54	52	53	93	0	00	30.01	30.11
09	BKN	050				2.50	HZ	63	57	60	81	5	30	30.05	30.16
12	SCT	025				10.00		76	62	67	62	3	13	30.02	30.12
15	SCT	040				10.00		80	60	67	51	5	VR	29.95	30.06
18	FEW	250				10.00		69	62	65	79	0	00	29.95	30.06
21	CLR	NC				10.00		65	62	63	90	0	00	29.98	30.10
24	FEW	024				5.00	BR	63	61	62	93	0	00	30.01	30.11

3-HOURLY OBSERVATION NOTES

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, W = Vertical Visibility = 8/8

Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

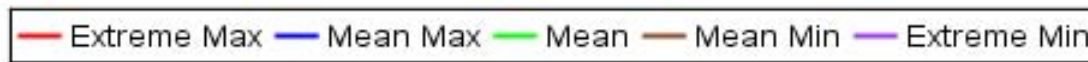
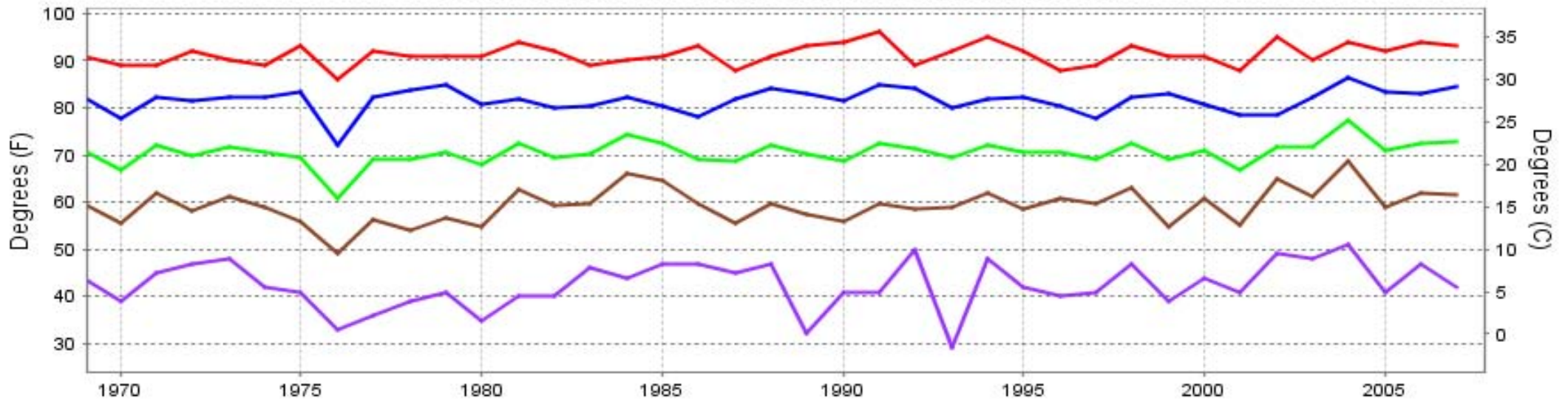
& = Original observation contained additional weather elements.

See page 3 for additional notes.

SUMMARY BY HOUR

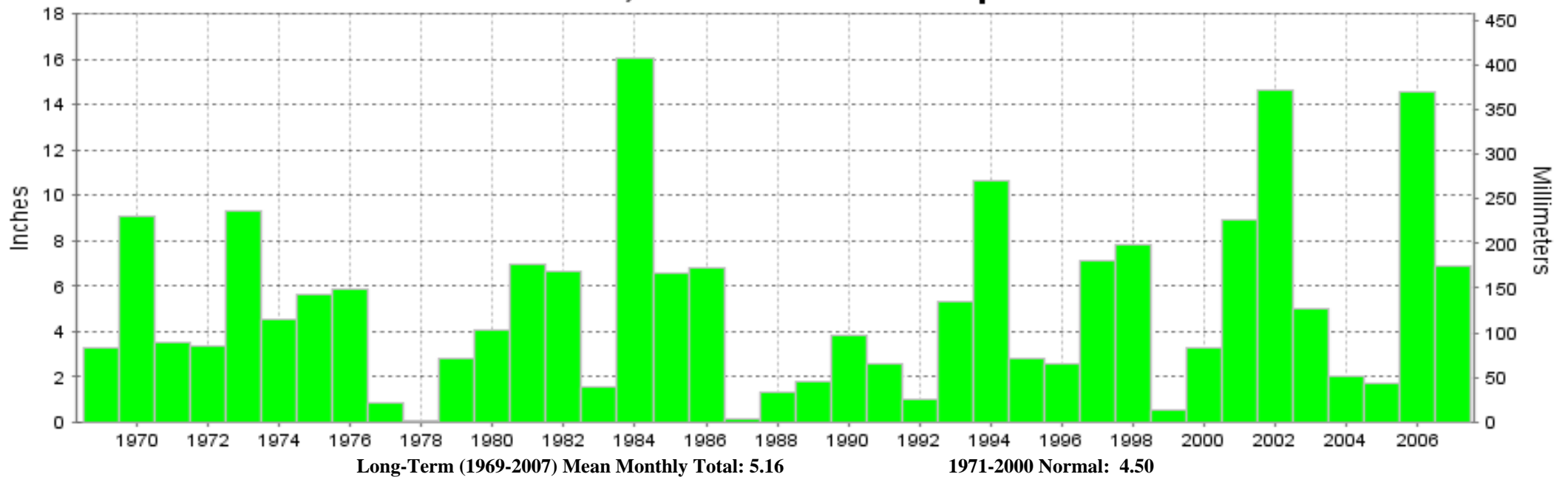
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			66	60	63	83	29.88	29.99	9.60	4	2	07
02			65	60	62	84	29.88	29.99	9.45	3	1	05
03			65	60	62	84	29.87	29.98	9.23	4	1	36
04			64	60	62	85	29.87	29.98	8.85	4	1	06
05			64	60	62	85	29.88	29.99	8.71	4	1	05
06			64	59	61	86	29.89	30.00	8.68	3	1	03
07			64	60	62	85	29.90	30.01	7.92	5	2	07
08			68	61	64	79	29.91	30.02	8.27	6	2	08
09			72	61	65	69	29.92	30.03	8.35	8	3	08
10			76	60	67	60	29.93	30.03	9.05	9	2	08
11			78	60	67	55	29.92	30.03	9.27	9	2	08
12			80	59	67	51	29.90	30.01	9.87	10	3	08
13			81	59	68	49	29.87	29.98	9.68	11	2	08
14			82	59	68	47	29.85	29.96	9.97	10	1	06
15			81	58	67	47	29.84	29.95	9.69	10	1	07
16			80	58	67	48	29.84	29.95	9.69	10	3	08
17			79	58	67	52	29.84	29.95	9.70	9	4	08
18			74	59	65	62	29.85	29.96	9.52	8	3	08
19			72	60	65	68	29.86	29.97	9.90	7	2	08
20			70	60	64	72	29.87	29.98	9.84	5	2	08
21			69	60	64	74	29.88	29.99	9.87	5	1	07
22			68	60	63	77	29.89	30.00	9.77	4	2	07
23			67	60	63	79	29.89	30.00	9.55	4	1	02
24			66	60	63	80	29.88	29.99	9.29	3	1	05

HOUSTON, TX OCTOBER Temperatures



Long-Term (1969-2007) Mean: 70.4
 1971-2000 Normal: 70.4

HOUSTON, TX OCTOBER Precipitation



Long-Term (1969-2007) Mean Monthly Total: 5.16

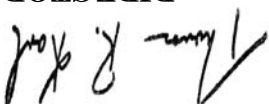
1971-2000 Normal: 4.50



OCTOBER 2007
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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