



MAY 2006 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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



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			
01	88	61	75	3	66	69	0	10		0		0.0	0.00	29.87	29.98	10.0	16	10.4	24	11	22	12	01	
02	87	72	80	7	68	71	0	15	BR HZ	0		0.0	0.00	29.90	30.00	10.2	16	10.6	24	15	21	15	02	
03	86	71	79	6	68	71	0	14	RA	0		0.0	T	29.88	29.99	9.9	16	10.4	24	13	22	12	03	
04	84	69	77	4	69	71	0	12	TSRA RA BR	0		0.0	0.74	29.83	29.95	3.3	13	6.2	28	19	23	18	04	
05	88	71	80	7	66	71	0	15		0		0.0	0.00	29.75	29.89	3.1	13	6.4	25	17	21	17	05	
06	83	65	74	0	66	69	0	9	TSRA RA BR SQ	0		0.0	1.28	29.72	29.82	2.0	18	7.1	58*	31	47*	31	06	
07	83	71	77	3	68	71	0	12		0		0.0	0.00	29.75	29.87	7.5	04	8.7	20	09	16	06	07	
08	87	67	77	3	70	73	0	12	RA BR HZ	0		0.0	0.03	29.70	29.83	7.9	13	9.1	17	14	15	15	08	
09	91	75	83	9	72	75	0	18	BR HZ	0		0.0	0.00	29.60	29.73	8.3	17	8.4	20	15	18	14	09	
10	90	70	80	5	70	73	0	15	RA BR HZ	0		0.0	T	29.67	29.75	4.2	31	9.2	35	33	26	34	10	
11	82	58	70	-5	46	57	0	5		0		0.0	0.00	29.95	30.05	9.4	34	10.2	24	33	20	36	11	
12	84	55	70	-5	48	58	0	5		0		0.0	0.00	29.85	29.98	3.1	16	3.7	17	13	15	11	12	
13	90	57	74	-1	59	66	0	9		0		0.0	0.00	29.76	29.89	7.9	18	8.4	21	15	17	17	13	
14	83	65	74	-1	66	69	0	9	TS TSRA RA BR	0		0.0	0.76	29.82	29.92	3.0	10	8.2	46	36	32	35	14	
15	79	63	71	-5	54	61	0	6		0		0.0	0.00	29.99	30.08	8.5	36	9.4	30	02	22	01	15	
16	82	55*	69*	-7	51	59	0	4		0		0.0	0.00	29.91	30.03	6.8	33	6.9	24	33	21	33	16	
17	86	57	72	-5	50	60	0	7		0		0.0	0.00	29.85	29.98	5.1	32	5.5	23	32	20	32	17	
18	90	57	74	-3	56	64	0	9		0		0.0	0.00	29.83	29.95	1.5	21	4.7	20	29	16	28	18	
19	92	70	81	4	64	70	0	16	BR	0		0.0	0.00	29.82	29.93	7.6	18	8.1	21	15	17	16	19	
20	89	65	77	0	63	68	0	12		0		0.0	0.00	29.83	29.94	7.5	17	8.1	22	16	20	16	20	
21	87	64	76	-1	66	70	0	11		0		0.0	0.00	29.82	29.93	8.6	15	9.4	24	13	21	13	21	
22	88	71	80	3	69	72	0	15	RA BR	0		0.0	0.01	29.86	29.98	8.2	14	8.6	25	13	23	14	22	
23	89	68	79	2	68	72	0	14	BR	0		0.0	0.00	29.91	30.02	7.3	14	7.7	21	12	17	13	23	
24	90	68	79	2	70	73	0	14	BR	0		0.0	0.00	29.89	30.01	8.3	15	8.9	23	13	18	14	24	
25	93*	70	82	4	69	73	0	17		0		0.0	0.00	29.81	29.93	9.3	17	9.6	24	15	21	15	25	
26	92	74	83	5	70	74	0	18		0		0.0	0.00	29.75	29.87	9.5	17	10.2	25	15	22	16	26	
27	92	74	83*	5	70	74	0	18		0		0.0	0.00	29.75	29.86	12.4	16	12.7	26	15	23	15	27	
28	84	78	81	3	72	75	0	16	RA	0		0.0	0.01	29.82	29.92	10.8	15	11.3	28	16	22	12	28	
29	85	67	76	-2	68	71	0	11	TSRA RA FG BR	0		0.0	4.33	29.85	29.98	9.2	10	11.3	28	01	23	15	29	
30	83	71	77	-2	69	72	0	12	RA	0		0.0	0.05	29.88	29.98	6.8	10	8.1	21	11	17	11	30	
31	79	71	75	-4	70	72	0	10	TS TSRA RA FG BR HZ	0		0.0	1.57	29.90	30.01	4.0	05	5.5	18	05	15	06	31	

86.6	66.8	76.7	☼	64.5	69.2	0.0	11.9	< MONTHLY AVERAGES TOTALS >				0.0	8.78	29.82	29.94	4.1	15	8.5	< MONTHLY AVERAGES			
1.1	0.7	0.9		----- DEPARTURE FROM NORMAL -----								3.63	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS				SEASON TO DATE				GREATEST 24-HR PRECIPITATION : 4.33 DATE : 29				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY				TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.14 11 1053				PRECIPITATION >= 0.01 INCH: 9						
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.67 10 0553				PRECIPITATION >= 0.10 INCH: 5						
HEATING : 0 -2 1121 -404				COOLING : 370 42 791 217				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				PRECIPITATION >= 1.0 INCH : 0						
												MINIMUM TEMP <= 32 : 0				HEAVY FOG : 0						
												MAXIMUM TEMP <= 32 : 0				THUNDERSTORMS : 5						
												MINIMUM TEMP <= 0 : 0										
												THUNDERSTORMS : 5										

**MAY 2006
HOUSTON, TX**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MAY 2006

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			T								03	T	T		
04													04		T	T	0.25	0.49		T				04	0.74	0.74		
05													05											05	0.00	0.00		
06					0.10	0.96	0.18	0.04					06											06	1.28	1.28		
07													07											07	0.00	0.00		
08			0.03		T								08		T									08	0.03	0.03		
09													09											09	0.00	0.00		
10													10				T		T					10	T	T		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13											13	0.00	0.00		
14													14		T	0.59	T	0.17						14	0.76	0.76		
15													15											15	0.00	0.00		
16													16											16	0.00	0.00		
17													17											17	0.00	0.00		
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												0.01	22											22	0.01	0.01		
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				T							28	0.01	0.01		
29				T	0.08	0.13	2.55	1.46	0.03		0.01	T	29	T										29	4.33	4.33		
30													30	T	T									30	0.05	0.05		
31				T	T	0.03	1.00	0.20	0.10	0.16	T		31	T	T	0.02	0.02	0.03	0.01					31	1.57	1.57		

* 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)	0.50	0.70	0.89	1.06	1.37	2.05	2.58	3.35	3.65	4.04	4.11	4.16
Ending Date	29	29	29	29	29	29	29	29	29	29	29	29
Ending Time (Hr/Min)	0648	0651	0616	0621	0711	0648	0701	0721	0739	0756	0807	0807

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 MAY 2006

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							8.00	10.00	
02							5.00	10.00	
03							7.00	10.00	
04							4.00	10.00	
05							9.00	10.00	
06							5.00	10.00	
07							7.00	10.00	
08							4.00	10.00	
09							2.00	10.00	
10							2.00	10.00	
11							9.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							7.00	10.00	
15							9.00	10.00	
16							8.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							6.00	10.00	
20							9.00	10.00	
21							10.00	10.00	
22							5.00	10.00	
23							3.00	10.00	
24							6.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							7.00	10.00	
28							7.00	10.00	
29							0.75	10.00	
30							4.00	10.00	
31							1.00	10.00	
MONTHLY AVGS							6.60	10.00	
SUNSHINE (Minutes)									
Total :					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
0			5				18		

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2006

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)		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		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL								
																												Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION
SUNRISE: 0537						MAY 01						SUNSET: 1857						SUNRISE: 0532						MAY 07						SUNSET: 1901					
03	CLR	NC			10.00	61	59	60	93	5	16	29.84	29.95	03	OVC	070			10.00	73	68	70	84	3	34	29.74	29.84								
06	CLR	NC			8.00	61	59	60	93	3	16	29.85	29.96	06	BKN	250			10.00	72	68	69	87	7	01	29.75	29.86								
09	FEW	030			10.00	78	67	71	69	13	18	29.89	30.00	09	BKN	080			10.00	75	69	71	82	9	01	29.81	29.91								
12	SCT	040			10.00	86	66	73	51	14	17	29.89	30.00	12	OVC	016			7.00	78	69	72	74	9	02	29.80	29.91								
15	SCT	065			10.00	86	66	73	51	12	17	29.86	29.97	15	BKN	250			10.00	81	69	73	67	9	04	29.75	29.86								
18	CLR	NC			10.00	80	71	74	74	16	12	29.86	29.97	18	BKN	250			10.00	78	68	71	71	14	05	29.73	29.83								
21	SCT	021			10.00	76	69	71	79	9	16	29.90	30.01	21	BKN	250			10.00	73	67	69	82	12	08	29.77	29.88								
24	FEW	019			8.00	75	70	72	85	9	16	29.91	30.01	24	OVC	027			10.00	71	65	67	81	9	06	29.78	29.89								
SUNRISE: 0537						MAY 02						SUNRISE: 1858						SUNRISE: 0532						MAY 08						SUNSET: 1902					
03	BKN	025			8.00	74	70	71	87	10	16	29.89	30.00	03	OVC	010			8.00	70	66	67	87	8	12	29.78	29.89								
06	BKN	024			5.00	73	70	71	90	5	17	29.91	30.02	06	SCT	250			9.00	67	65	66	93	9	09	29.76	29.86								
09	BKN	037			10.00	80	68	72	67	10	19	29.94	30.05	09	BKN	250			5.00	75	69	71	82	6	11	29.77	29.88								
12	SCT	060			10.00	85	65	72	51	10	15	29.93	30.04	12	BKN	100			6.00	84	72	76	67	8	13	29.75	29.85								
15	BKN	065			10.00	85	69	74	59	13	12	29.88	29.99	15	OVC	250			6.00	85	73	77	67	12	15	29.69	29.79								
18	FEW	055			10.00	82	66	71	58	14	16	29.85	29.96	18	OVC	250			8.00	83	74	77	74	10	12	29.64	29.75								
21	SCT	027			10.00	76	68	71	76	14	17	29.90	30.01	21	OVC	250			8.00	79	73	75	82	8	16	29.68	29.79								
24	BKN	017			10.00	75	69	71	82	6	19	29.90	30.01	24	BKN	250			7.00	77	72	74	85	7	16	29.67	29.78								
SUNRISE: 0536						MAY 03						SUNSET: 1858						SUNRISE: 0531						MAY 09						SUNSET: 1902					
03	BKN	250			10.00	74	69	71	84	5	19	29.89	30.00	03	OVC	250			6.00	76	72	73	87	5	17	29.62	29.72								
06	BKN	250			7.00	71	69	70	93	6	15	29.89	30.00	06	OVC	022			2.00	76	73	74	90	6	16	29.64	29.75								
09	BKN	250			10.00	80	68	72	67	14	17	29.91	30.02	09	OVC	250			2.00	80	72	75	77	6	19	29.68	29.78								
12	BKN	250			10.00	85	65	72	51	14	16	29.90	30.01	12	BKN	250			7.00	87	73	77	63	9	18	29.65	29.75								
15	BKN	250			10.00	84	65	71	53	13	17	29.87	29.97	15	BKN	250			10.00	90	73	78	57	9	16	29.59	29.70								
18	BKN	250			10.00	81	68	72	65	15	15	29.83	29.94	18	BKN	250			9.00	86	72	76	63	10	17	29.57	29.67								
21	SCT	250			10.00	76	67	70	74	10	16	29.86	29.97	21	OVC	250			9.00	80	72	75	77	9	17	29.61	29.72								
24	SCT	250			10.00	73	67	69	82	5	16	29.88	29.98	24	OVC	250			9.00	78	73	75	85	10	17	29.57	29.67								
SUNRISE: 0535						MAY 04						SUNSET: 1859						SUNRISE: 0530						MAY 10						SUNSET: 1903					
03	BKN	250			9.00	73	68	70	84	5	16	29.83	29.94	03	BKN	250			8.00	78	73	75	85	5	21	29.57	29.67								
06	BKN	250			5.00	72	69	70	90	3	19	29.85	29.96	06	BKN	250			4.00	76	73	74	90	5	VR	29.56	29.67								
09	OVC	060			7.00	78	71	73	79	6	36	29.92	30.03	09	OVC	250			2.00	80	74	76	82	6	23	29.63	29.74								
12	BKN	042			9.00	82	70	74	67	14	10	29.86	29.97	12	OVC	250			3.00	87	75	78	68	6	28	29.62	29.73								
15	BKN	130			10.00	81	72	75	74	12	14	29.79	29.90	15	BKN	250			7.00	87	74	78	65	5	24	29.58	29.69								
18	SCT	250			10.00	77	63	68	62	7	02	29.76	29.87	18	BKN	250			10.00	84	64	71	51	15	36	29.63	29.74								
21	BKN	250			10.00	72	68	69	87	7	16	29.83	29.94	21	BKN	250			10.00	78	60	67	54	17	34	29.76	29.86								
24	OVC	250			8.00	72	69	70	90	3	20	29.86	29.96	24	SCT	250			10.00	70	55	61	59	17	35	29.90	30.01								
SUNRISE: 0534						MAY 05						SUNSET: 1860						SUNRISE: 0530						MAY 11						SUNSET: 1903					
03	OVC	250			9.00	73	70	71	90	8	23	29.83	29.94	03	CLR	NC			10.00	64	48	55	56	10	35	29.94	30.05								
06	BKN	250			10.00	72	60	65	66	3	04	29.80	29.91	06	FEW	250			10.00	58	48	53	70	5	35	29.98	30.10								
09	SCT	250			10.00	76	65	69	69	5	11	29.86	29.96	09	FEW	250			10.00	69	45	56	42	12	36	30.03	30.14								
12	SCT	250			10.00	84	66	72	55	6	VR	29.83	29.93	12	FEW	250			10.00	78	41	58	27	16	01	30.00	30.11								
15	SCT	250			10.00	87	64	72	46	5	VR	29.77	29.88	15	FEW	250			10.00	81	43	60	26	15	31	29.94	30.04								
18	SCT	250			10.00	85	63	71	48	7	09	29.71	29.82	18	FEW	250			10.00	79	43	59	28	8	32	29.89	30.00								
21	BKN	250			9.00	78	70	73	77	6	17	29.74	29.85	21	FEW	250			10.00	70	43	56	38	6	30	29.93	30.04								
24	SCT	250			9.00	76	71	73	85	9	15	29.70	29.81	24	FEW	250			10.00	60	48	54	65	6	30	29.94	30.05								
SUNRISE: 0533						MAY 06						SUNSET: 1900						SUNRISE: 0529						MAY 12						SUNSET: 1904					
03	BKN	130			10.00	76	70	72	82	3	13	29.68	29.79	03	SCT	250			10.00	57	47	52	69	0	00	29.91	30.02								
06	OVC	035			6.00	66	64	65	93	10	33	29.77	29.88	06	FEW	250			10.00	55	50	52	83	0	00	29.93	30.03								
09	OVC	130			10.00	68	64	66	87	14	15	29.69	29.80	09	SCT	250			10.00	73	46	58	38	7	10	29.94	30.04								
12	OVC	250			10.00	76	65	69	69	13	16	29.71	29.82	12	BKN	250			10.00	80	45	60	29	0	00	29.92	30.03								
15	FEW	250			10.00	81	64	70	56	9	28	29.68	29.78	15	SCT	250			10.00	83	46	62	27	5	16	29.84	29.95								
18	BKN	250			10.00	82	65	71	56	5	25	29.68	29.78	18	FEW	250			10.00	79	53	64	41	10	12	29.79	29.90								
21	OVC	250			10.00	74	68	70	82	7	01	29.72	29.83	21	CLR	NC			10.00	72	51	60	48	7	17	29.82	29.92								
24	OVC	070			10.00	75	68	70	79	3	01	29.75	29.86	24	FEW	250			10.00	67	53	59	61	3	19	29.82	29.93								

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2006

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)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						
																														Observation Time (LST)	Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)
SUNRISE: 0528						MAY 13						SUNSET: 1905						SUNRISE: 0525						MAY 19						SUNSET: 1909					
03	FEW	250			10.00		60	54	57	81	5	18	29.80	29.90	03	CLR	NC			10.00		72	68	69	87	3	19	29.82	29.93						
06	CLR	NC			10.00		63	56	59	78	6	18	29.81	29.91	06	FEW	250			6.00	BR	71	68	69	90	3	19	29.84	29.94						
09	CLR	NC			10.00		77	64	69	64	10	19	29.82	29.93	09	SCT	250			10.00		81	68	68	72	65	9	20	29.87	29.98					
12	CLR	NC			10.00		86	58	68	39	8	22	29.81	29.91	12	SCT	250			10.00		88	63	72	43	10	21	29.84	29.94						
15	CLR	NC			10.00		90	59	70	35	12	18	29.74	29.85	15	SCT	250			10.00		92	59	71	33	12	16	29.79	29.89						
18	FEW	250			10.00		87	56	68	35	8	18	29.71	29.82	18	FEW	050			10.00		87	63	71	45	15	17	29.78	29.89						
21	SCT	250			10.00		77	67	70	71	13	18	29.75	29.85	21	CLR	NC			10.00		78	64	69	62	9	17	29.83	29.93						
24	BKN	250			10.00		74	68	70	82	8	17	29.74	29.85	24	CLR	NC			10.00		74	67	69	79	6	17	29.84	29.94						
SUNRISE: 0528						MAY 14						SUNSET: 1905						SUNRISE: 0524						MAY 20						SUNSET: 1909					
03	OVC	017			10.00		75	68	70	79	8	19	29.73	29.84	03	CLR	NC			10.00		71	65	67	81	5	18	29.81	29.92						
06	OVC	250			10.00		75	69	71	82	7	18	29.77	29.88	06	SCT	023			9.00		66	64	65	93	0	00	29.84	29.95						
09	BKN	250			10.00		80	70	73	72	9	04	29.79	29.90	09	BKN	029			10.00		77	63	68	62	8	20	29.88	29.98						
12	BKN	120			10.00		81	71	74	72	12	07	29.84	29.95	12	FEW	045			10.00		85	62	70	46	12	18	29.85	29.96						
15	OVC	060			7.00	TSRA	66	64	65	93	17	13	29.90	30.00	15	FEW	050			10.00		88	59	70	38	12	13	29.80	29.91						
18	BKN	140			10.00		70	63	66	79	8	01	29.78	29.89	18	CLR	NC			10.00		83	61	69	48	13	16	29.80	29.91						
21	OVC	250			10.00		68	65	66	90	7	VR	29.83	29.94	21	CLR	NC			10.00		76	63	68	64	8	17	29.83	29.94						
24	OVC	250			10.00		67	65	66	93	7	32	29.91	30.02	24	SCT	029			10.00		66	62	64	87	0	00	29.84	29.95						
SUNRISE: 0527						MAY 15						SUNSET: 1906						SUNRISE: 0524						MAY 21						SUNSET: 1910					
03	BKN	250			9.00		67	64	65	90	9	01	29.94	30.05	03	FEW	030			10.00		64	62	63	93	0	00	29.82	29.93						
06	BKN	250			10.00		63	57	60	81	6	02	30.00	30.11	06	FEW	030			10.00		66	62	64	87	3	16	29.84	29.94						
09	SCT	250			10.00		72	52	61	50	15	02	29.98	30.10	09	SCT	250			10.00		79	61	68	54	7	18	29.86	29.97						
12	BKN	250			10.00		74	49	60	41	13	36	30.02	30.13	12	BKN	048			10.00		86	63	71	46	10	16	29.84	29.95						
15	SCT	250			10.00		77	50	62	39	12	02	29.98	30.09	15	BKN	045			10.00		86	69	74	57	16	11	29.81	29.91						
18	SCT	250			10.00		77	48	61	36	9	35	29.96	30.06	18	FEW	035			10.00		82	69	73	65	18	14	29.78	29.89						
21	SCT	250			10.00		68	51	58	55	8	33	29.98	30.09	21	SCT	250			10.00		77	69	72	76	12	16	29.82	29.93						
24	CLR	NC			10.00		64	52	57	65	3	32	30.01	30.11	24	BKN	015			10.00		76	71	73	85	8	17	29.84	29.94						
SUNRISE: 0526						MAY 16						SUNSET: 1907						SUNRISE: 0523						MAY 22						SUNSET: 1910					
03	FEW	250			10.00		57	52	54	83	0	00	30.00	30.11	03	BKN	030			8.00		73	70	71	90	0	00	29.84	29.95						
06	FEW	250			10.00		58	52	55	81	0	00	29.98	30.09	06	SCT	250			5.00	BR	71	69	70	93	3	14	29.86	29.97						
09	FEW	250			10.00		72	52	61	50	8	33	29.98	30.10	09	BKN	250			8.00		81	71	74	72	5	10	29.90	30.01						
12	BKN	080			10.00		78	50	62	38	8	32	29.95	30.06	12	BKN	250			10.00		86	69	74	57	12	16	29.88	29.99						
15	BKN	080			10.00		81	47	62	30	14	32	29.88	29.98	15	BKN	250			8.00		86	69	74	57	20	14	29.85	29.96						
18	FEW	085			10.00		79	46	61	31	15	35	29.85	29.96	18	BKN	250			10.00		83	68	73	61	13	15	29.84	29.95						
21	CLR	NC			10.00		66	51	58	59	0	00	29.86	29.97	21	FEW	250			10.00		77	69	72	76	10	15	29.87	29.98						
24	CLR	NC			10.00		61	52	56	72	0	00	29.87	29.98	24	SCT	250			7.00		74	70	71	87	3	17	29.89	30.00						
SUNRISE: 0526						MAY 17						SUNSET: 1907						SUNRISE: 0523						MAY 23						SUNSET: 1911					
03	CLR	NC			10.00		60	51	55	72	3	30	29.86	29.97	03	BKN	250			6.00	BR	72	70	71	93	3	14	29.88	29.98						
06	CLR	NC			10.00		59	51	55	75	0	00	29.89	30.00	06	SCT	250			3.00	BR	71	69	70	93	0	00	29.91	30.02						
09	CLR	NC			10.00		76	52	62	43	8	30	29.91	30.02	09	BKN	250			10.00		81	68	72	65	6	VR	29.95	30.06						
12	FEW	040			10.00		82	49	63	32	12	32	29.88	29.99	12	BKN	049			10.00		86	69	74	57	9	14	29.94	30.04						
15	FEW	040			10.00		84	48	63	29	14	32	29.83	29.93	15	SCT	250			10.00		88	65	73	47	13	13	29.91	30.02						
18	CLR	NC			10.00		83	46	62	27	10	34	29.81	29.91	18	SCT	250			10.00		84	67	73	57	12	14	29.90	30.01						
21	CLR	NC			10.00		69	51	59	53	0	00	29.84	29.95	21	CLR	NC			10.00		77	68	71	74	9	14	29.93	30.03						
24	CLR	NC			10.00		64	53	58	68	0	00	29.86	29.96	24	CLR	NC			10.00		75	69	71	82	3	17	29.92	30.02						
SUNRISE: 0525						MAY 18						SUNSET: 1908						SUNRISE: 0522						MAY 24						SUNSET: 1912					
03	CLR	NC			10.00		58	52	55	81	0	00	29.85	29.96	03	BKN	250			8.00		72	69	70	90	5	15	29.88	29.99						
06	FEW	020			10.00		58	55	56	90	0	00	29.88	29.98	06	SCT	250			6.00	BR	70	68	69	93	0	00	29.92	30.03						
09	CLR	NC			10.00		78	62	68	58	7	VR	29.89	30.00	09	BKN	035			10.00		82	70	74	67	8	17	29.96	30.06						
12	FEW	040			10.00		86	51	65	30	5	VR	29.87	29.98	12	BKN	043			10.00		88	67	74	50	13	17	29.93	30.03						
15	FEW	040			10.00		89	52	67	28	6	VR	29.81	29.91	15	BKN	075			10.00		89	72	77	57	16	12	29.87	29.98						
18	SCT	250			10.00		89	52	67	28	0	00	29.77	29.88	18	BKN	060			10.00		84	72	76	67	17	15	29.86	29.97						
21	FEW	250			10.00		79	64	69	60	9	17	29.81	29.92	21	FEW	020			10.00		79	70	73	74	13	16	29.88	29.98						
24	FEW	250			10.00		74	66	69	76	5	19	29.85	29.96	24	BKN	250			10.00		76	71	73	85	8	18	29.89	30.00						

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2006

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 Clد Amt Oktas		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL					
SUNRISE: 0522						MAY 25						SUNSET: 1912					
03	SCT	250				75	71	72	87	7	18	29.85	29.96				
06	SCT	250				70	68	69	93	3	15	29.87	29.98				
09	BKN	022				83	69	74	63	10	17	29.89	29.99				
12	BKN	045				89	67	74	48	13	16	29.85	29.96				
15	BKN	060				90	68	75	48	18	15	29.78	29.89				
18	SCT	100				86	69	74	57	15	18	29.74	29.85				
21	SCT	025				79	70	73	74	10	17	29.78	29.88				
24	BKN	015				77	71	73	82	12	17	29.80	29.90				
SUNRISE: 0522						MAY 26						SUNSET: 1913					
03	FEW	014				76	71	73	85	7	18	29.77	29.87				
06	BKN	250				75	71	72	87	5	18	29.78	29.89				
09	SCT	250				84	70	74	63	12	17	29.81	29.92				
12	SCT	045				90	68	75	48	7	VR	29.79	29.89				
15	SCT	045				91	69	76	49	15	16	29.72	29.83				
18	SCT	250				87	69	75	55	15	18	29.69	29.79				
21	SCT	250				80	70	73	72	14	16	29.74	29.84				
24	BKN	250				78	71	73	79	9	17	29.76	29.87				
SUNRISE: 0521						MAY 27						SUNSET: 1913					
03	SCT	250				77	71	73	82	7	16	29.74	29.84				
06	SCT	250				75	71	72	87	6	16	29.76	29.86				
09	BKN	028				83	70	74	65	15	17	29.79	29.89				
12	BKN	045				90	68	75	48	15	15	29.77	29.87				
15	SCT	046				90	68	75	48	20	14	29.71	29.81				
18	SCT	039				86	69	74	57	18	15	29.71	29.81				
21	SCT	026				81	72	75	74	13	14	29.76	29.86				
24	SCT	050				80	72	75	77	12	16	29.79	29.89				
SUNRISE: 0521						MAY 28						SUNSET: 1914					
03	SCT	029				79	73	75	82	9	18	29.80	29.90				
06	BKN	250				78	72	74	82	7	16	29.83	29.94				
09	OVC	250			-RA	79	71	74	77	12	16	29.83	29.94				
12	OVC	250				83	71	75	67	13	17	29.83	29.93				
15	OVC	250				82	72	75	72	18	15	29.80	29.90				
18	BKN	250				83	73	76	72	13	13	29.79	29.89				
21	SCT	250				79	74	76	85	8	14	29.82	29.93				
24	BKN	021				78	72	74	82	8	15	29.84	29.94				
SUNRISE: 0521						MAY 29						SUNSET: 1915					
03	OVC	030				74	69	71	84	8	09	29.82	29.93				
06	OVC	027			RA BR	73	70	71	90	6	20	29.86	29.97				
09	OVC	110			-RA	69	66	67	90	8	07	29.91	30.02				
12	BKN	250			-RA	73	67	69	82	10	07	29.93	30.03				
15	BKN	250				85	66	72	53	10	10	29.84	29.95				
18	BKN	250				81	69	73	67	10	12	29.81	29.91				
21	BKN	070				79	69	72	72	18	16	29.89	30.00				
24	OVC	250				75	66	69	74	10	15	29.86	29.97				
SUNRISE: 0520						MAY 30						SUNSET: 1915					
03	BKN	250				72	69	70	90	0	00	29.84	29.95				
06	OVC	250				72	68	69	87	8	03	29.89	29.99				
09	OVC	250				78	69	72	74	12	10	29.91	30.02				
12	OVC	250				76	70	72	82	6	11	29.91	30.01				
15	OVC	250				80	67	71	65	12	10	29.87	29.98				
18	BKN	250				82	71	74	69	10	12	29.85	29.96				
21	BKN	250				76	69	71	79	8	10	29.86	29.96				
24	OVC	250				74	68	70	82	6	02	29.89	29.99				

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 Clد Amt Oktas		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL					
SUNRISE: 0520						MAY 31						SUNSET: 1916					
03	OVC	100				9.00				72	68	69	87	7	05	29.85	29.96
06	OVC	032			-TSRA BR	5.00				72	68	69	87	0	00	29.90	30.01
09	OVC	075			RA BR	4.00				71	69	70	93	10	05	29.95	30.06
12	BKN	090				8.00				77	70	72	79	12	09	29.95	30.06
15	OVC	250			-RA BR	4.00				76	72	73	87	6	09	29.93	30.04
18	OVC	250			HZ	5.00				78	72	74	82	0	00	29.87	29.98
21	OVC	250			BR	3.00				77	73	74	88	5	34	29.90	30.01
24	BKN	250			BR	3.00				75	71	72	87	0	00	29.91	30.02

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

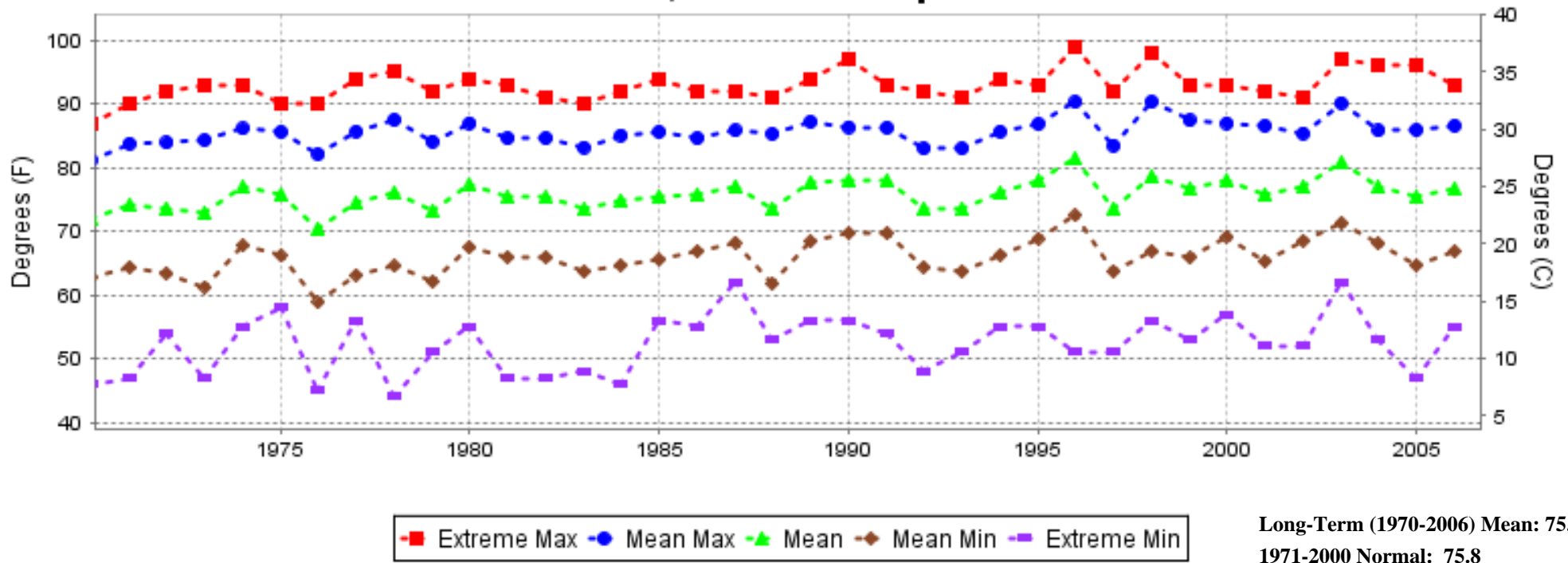
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

& = Original observation contained additional weather elements. See page 3 for additional notes.

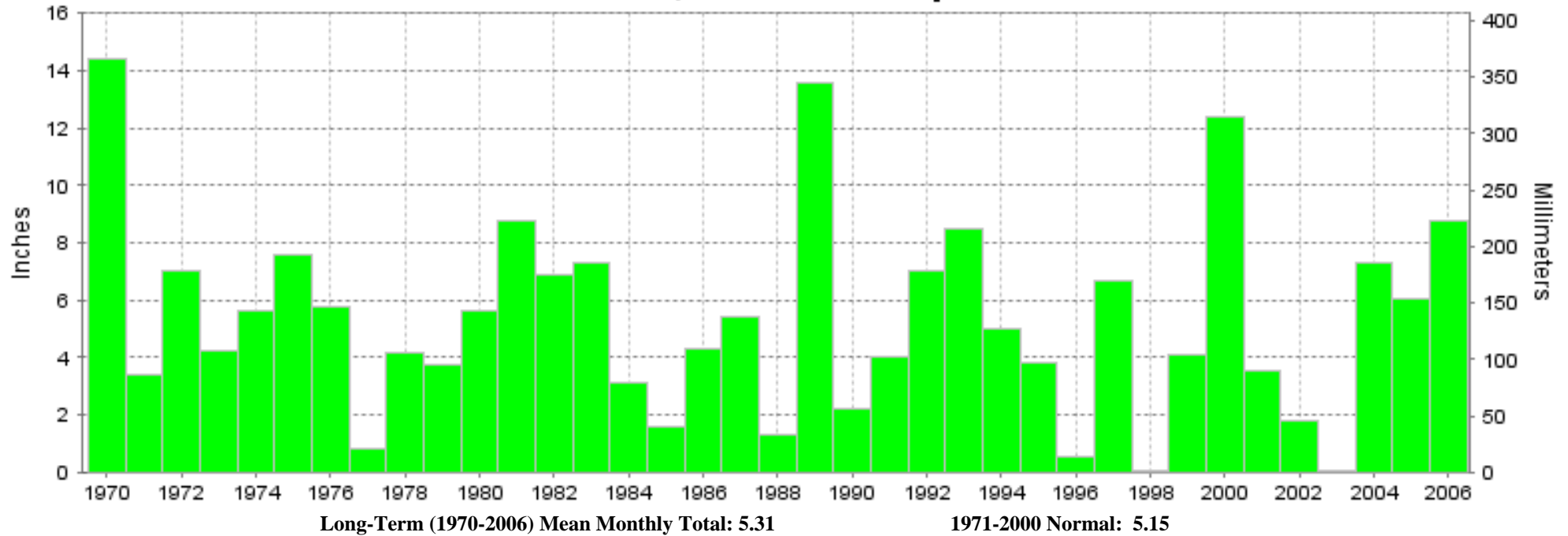
SUMMARY BY HOUR

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
01			72	65	68	81	29.83	29.94	9.57	5	4	16
02			71	65	68	83	29.82	29.93	9.32	6	3	17
03			70	65	67	84	29.82	29.93	9.29	5	4	17
04			70	65	67	85	29.83	29.93	8.97	5	4	16
05			69	64	66	86	29.83	29.94	8.77	5	4	15
06			69	64	66	87	29.84	29.95	7.84	4	4	17
07			71	65	68	82	29.86	29.97	7.64	6	4	15
08			75	66	69	75	29.86	29.97	8.53	8	4	15
09			77	65	70	67	29.87	29.98	8.87	9	4	15
10			79	64	70	62	29.87	29.98	9.08	10	4	15
11			82	64	70	57	29.87	29.98	8.97	10	4	15
12			83	64	71	54	29.86	29.96	9.35	10	5	14
13			84	63	71	52	29.84	29.95	9.45	11	5	13
14			85	63	71	51	29.83	29.93	9.52	11	5	13
15			85	64	71	52	29.81	29.91	9.42	12	6	12
16			84	64	71	53	29.79	29.90	9.42	12	5	13
17			84	64	71	54	29.78	29.89	9.45	12	5	13
18			82	64	70	56	29.78	29.89	9.74	11	5	13
19			79	64	70	62	29.79	29.90	9.58	11	5	13
20			77	65	69	68	29.81	29.91	9.65	10	5	13
21			76	65	69	71	29.82	29.93	9.61	9	4	14
22			74	66	69	75	29.84	29.95	9.65	7	4	15
23			74	65	69	77	29.84	29.95	9.42	7	4	16
24			73	66	68	79	29.84	29.94	9.39	6	4	16

HOUSTON, TX MAY Temperatures



HOUSTON, TX MAY Precipitation





MAY 2006
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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