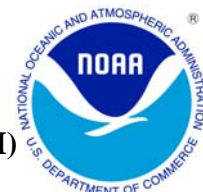




# MAY 2008 LOCAL CLIMATOLOGICAL DATA

## 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



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	84	71	78	6	68	71	0	13	RA BR	0		0.0	0.01	29.62	29.75	14.7	16	14.2	30	14	26	14	01	
02	88	74	81	8	69	73	0	16	BR HZ	0		0.0	0.00	29.64	29.75	9.5	17	9.8	26	16	20	17	02	
03	82	59	71	-2	52	61	0	6	BR	0		0.0	0.00	29.87	29.96	9.3	35	9.7	26	36	22	35	03	
04	84	54*	69	-4	56	62	0	4		0		0.0	0.00	29.95	30.05	5.6	09	8.1	17	14	15	14	04	
05	72	62	67	-6	63	64	0	2	TS TSRA RA FG BR	0		0.0	3.47	29.97	30.07	5.9	10	8.7	21	07	17	07	05	
06	80	62	71	-3	66	68	0	6	BR HZ	0		0.0	0.00	29.86	29.97	9.4	13	11.1	23	15	20	15	06	
07	84	71	78	4	67	70	0	13		0		0.0	0.00	29.60	29.74	13.3	17	13.6	30	16	24	15	07	
08	89	70	80	6	63	69	0	15		0		0.0	0.00	29.64	29.75	4.4	25	6.0	21	21	14	31	08	
09	92	70	81	7	69	73	0	16	BR	0		0.0	0.00	29.66	29.77	6.7	18	7.2	18	22	15	16	09	
10	91	73	82	7	72	74	0	17	BR HZ	0		0.0	0.00	29.63	29.74	8.0	18	8.6	22	22	17	16	10	
11	82	61	72	-3	53	62	0	7	TS TSRA RA BR	0		0.0	0.03	29.85	29.95	10.3	01	11.0	31	01	26	01	11	
12	80	58	69	-6	56	62	0	4		0		0.0	0.00	29.80	29.93	9.1	12	11.1	23	14	20	13	12	
13	83	74	79	4	71	73	0	14	RA BR HZ	0		0.0	T	29.72	29.85	12.3	15	12.8	28	14	24	15	13	
14	84	72	78	3	73	74	0	13	RA BR HZ	0		0.0	0.21	29.70	29.82	8.3	13	10.2	21	12	17	12	14	
15	84	67	76	0	66	69	0	11	TSRA RA BR SQ	0		0.0	0.46	29.78	29.87	4.5	35	7.8	41	31	36*	31	15	
16	79	62	71	-5	58	62	0	6		0		0.0	0.00	29.91	30.01	9.6	36	10.2	30	04	20	01	16	
17	74	58	66*	-11	56	60	0	1	RA	0		0.0	T	29.87	30.00	0.8	10	2.4	10	09	8	14	17	
18	88	57	73	-4	55	63	0	8		0		0.0	0.00	29.75	29.88	3.6	26	4.5	17	26	14	26	18	
19	94	67	81	4	60	67	0	16		0		0.0	0.00	29.69	29.81	5.9	22	6.8	17	22	13	21	19	
20	95*	73	84	7	67	72	0	19		0		0.0	0.00	29.66	29.78	6.0	20	7.0	20	20	16	22	20	
21	92	73	83	6	70	74	0	18	BR	0		0.0	0.00	29.57	29.69	8.6	16	9.7	23	14	21	14	21	
22	91	77	84	7	73	76	0	19	TS TSRA RA BR HZ	0		0.0	T	29.49	29.60	15.1	15	15.5	28	15	24	14	22	
23	91	78	85	8	74	77	0	20		0		0.0	0.00	29.61	29.70	14.7	13	15.3	25	12	22	11	23	
24	91	77	84	7	74	77	0	19		0		0.0	0.00	29.77	29.86	12.0	13	12.8	28	13	23	14	24	
25	93	77	85	7	72	76	0	20	RA	0		0.0	T	29.79	29.90	10.8	15	11.6	25	12	21	12	25	
26	93	77	85*	7	71	75	0	20		0		0.0	0.00	29.78	29.89	12.4	16	12.7	25	16	21	15	26	
27	94	72	83	5	69	73	0	18	TS TSRA RA SQ	0		0.0	T	29.85	29.94	5.3	14	10.8	41*	33	31	01	27	
28	93	70	82	4	69	72	0	17	RA	0		0.0	0.08	29.94	30.04	2.5	07	5.9	31	08	28	08	28	
29	88	70	79	1	69	72	0	14	RA	0		0.0	0.31	29.93	30.04	4.8	12	6.2	22	13	20	13	29	
30	91	68	80	1	64	70	0	15	RA	0		0.0	T	29.88	29.99	6.8	17	7.0	20	14	16	14	30	
31	93	69	81	2	70	74	0	16		0		0.0	0.00	29.86	29.98	6.6	15	8.0	24	10	18	12	31	

87.1			68.5			77.8			65.6		69.8		0.0		13.0		< MONTHLY AVERAGES   TOTALS >				0.0		4.57		29.76		29.87		5.2		15		9.6		< MONTHLY AVERAGES			
1.6			2.4			2.0			<----- DEPARTURE FROM NORMAL ----->																-0.58		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
<b>DEGREE DAYS</b>										GREATEST 24-HR PRECIPITATION : 3.47 DATE : 05										SEA LEVEL PRESSURE				DATE TIME														
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.12 05 1153																							
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.53 22 1759																							
HEATING :		0		-2		1161		-364		NUMBER OF		MAXIMUM TEMP >= 90 : 14		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 7																						
COOLING :		403		75		711		137		DAYS WITH		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 4																						
										THUNDERSTORMS		: 5		HEAVY FOG		: 0		SNOWFALL >= 1.0 INCH		: 0																		

**MAY 2008  
HOUSTON, TX**

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
MAY 2008

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	0.01	0.01	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05	T	0.01	T	0.04	0.02	0.07	T	0.57	1.45	0.39	0.37	0.26	05	0.17	0.07	0.03	T	0.02	T					05	3.47	3.47		
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11				0.03	T								11												11	0.03	0.03	
12													12												12	0.00	0.00	
13													13		T	T	T								13	T	T	
14	T	0.01	0.01					T					14	T	T										14	0.21	0.21	
15	T	T	0.46								T	0.02	0.17	15											15	0.46	0.46	
16													16												16	0.00	0.00	
17													17		T	T									17	T	T	
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						T	T			T			22												22	T	T	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25					T								25												25	T	T	
26													26												26	0.00	0.00	
27													27												27	T	T	
28													28												28	0.08	0.08	
29													29	0.01											29	0.31	0.31	
30													30												30	T	T	
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)	0.30	0.53	0.74	0.95	1.16	1.41	1.65	1.91	2.02	2.19	2.39	2.58
Ending Date	15	05	05	05	05	05	05	05	05	05	05	05
Ending Time (Hr/Min)	0210	0814	0816	0820	0828	0826	0826	0846	0901	0926	0952	1024

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 2008

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							6.00	10.00	
03							8.00	10.00	
04							5.00	10.00	
05							0.50	10.00	
06							0.25	10.00	
07							0.50	10.00	
08							8.00	10.00	
09							2.00	10.00	
10							4.00	10.00	
11							5.00	10.00	
12							7.00	10.00	
13							2.00	10.00	
14							5.00	10.00	
15							4.00	10.00	
16							5.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							8.00	10.00	
20							10.00	10.00	
21							6.00	10.00	
22							4.00	10.00	
23							9.00	10.00	
24							8.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							7.00	10.00	
30							10.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							6.36	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 25401				
Percent Possible : 0									
<b>NUMBER OF DAYS WITH :</b>									
<b>SKY CONDITION</b>									
Clear		Partly CLDY			Cloudy			Missing	
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25			<= 3.0				>= 7.0		
1			6				16		

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2008

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
<b>SUNRISE: 0539</b>						<b>MAY 01</b>						<b>SUNSET: 1858</b>															
03	BKN	250				71	65	67	81	8	17	29.67	29.78	03	OVC	250				72	67	69	84	8	17	29.68	29.78
06	OVC	048				73	66	69	79	13	17	29.67	29.78	06	BKN	250				71	68	69	90	10	16	29.66	29.77
09	BKN	042				78	67	71	69	17	17	29.69	29.80	09	BKN	120				77	68	71	74	15	17	29.66	29.76
12	BKN	055				82	67	72	61	14	17	29.66	29.77	12	BKN	250				83	67	72	59	20	16	29.64	29.74
15	BKN	070				81	68	72	65	21	16	29.61	29.71	15	OVC	250				82	65	71	56	18	17	29.58	29.69
18	OVC	045				77	69	72	76	17	16	29.58	29.69	18	BKN	250				79	66	70	65	14	18	29.55	29.66
21	OVC	070			-RA	74	71	72	90	11	15	29.61	29.72	21	BKN	024				76	68	71	76	13	19	29.58	29.69
24	OVC	028				76	70	72	82	15	17	29.62	29.73	24	BKN	017				75	69	71	82	10	20	29.59	29.70
<b>SUNRISE: 0538</b>						<b>MAY 02</b>						<b>SUNSET: 1859</b>															
03	OVC	045				75	69	71	82	14	16	29.59	29.70	03	OVC	027				76	70	72	82	8	25	29.61	29.72
06	BKN	040				75	69	71	82	13	17	29.60	29.71	06	BKN	250				73	69	70	87	6	25	29.64	29.75
09	OVC	033				78	68	71	71	5	24	29.69	29.79	09	SCT	250				77	59	66	54	10	32	29.69	29.80
12	BKN	050				84	69	74	61	11	17	29.66	29.77	12	SCT	250				84	59	68	43	7	31	29.68	29.79
15	BKN	070				86	69	74	57	13	16	29.60	29.71	15	SCT	250				88	57	68	35	7	23	29.63	29.73
18	BKN	250				84	70	74	63	11	17	29.60	29.71	18	SCT	250				86	59	69	40	3	29	29.61	29.72
21	SCT	120				78	72	74	82	6	18	29.68	29.79	21	SCT	250				71	62	65	73	0	00	29.63	29.74
24	SCT	240			BR	75	71	72	87	0	00	29.73	29.84	24	SCT	250				74	68	70	82	3	18	29.64	29.75
<b>SUNRISE: 0537</b>						<b>MAY 03</b>						<b>SUNSET: 1859</b>															
03	OVC	035				73	65	68	76	6	02	29.73	29.83	03	BKN	250				72	69	70	90	7	18	29.63	29.74
06	SCT	250				68	60	63	76	0	00	29.79	29.90	06	BKN	250				70	68	69	93	6	19	29.66	29.77
09	SCT	250				71	48	58	44	15	35	29.90	30.01	09	SCT	250				80	69	73	69	9	18	29.70	29.80
12	SCT	250				78	49	61	36	18	36	29.91	30.02	12	FEW	250				89	66	74	47	11	19	29.68	29.79
15	FEW	250				81	47	62	30	17	36	29.87	29.98	15	SCT	250				91	70	76	50	8	20	29.65	29.76
18	FEW	250				76	45	59	33	11	01	29.87	29.98	18	SCT	250				87	70	75	57	5	21	29.64	29.75
21	FEW	250				66	48	56	52	6	36	29.93	30.04	21	SCT	250				80	70	73	72	6	17	29.70	29.81
24	SCT	250				60	50	55	70	7	01	29.94	30.04	24	BKN	250				76	71	73	85	8	17	29.69	29.79
<b>SUNRISE: 0536</b>						<b>MAY 04</b>						<b>SUNSET: 1900</b>															
03	FEW	250				56	50	53	80	3	35	29.93	30.04	03	OVC	250				74	71	72	90	5	16	29.65	29.76
06	SCT	250				55	49	52	80	3	VR	29.96	30.06	06	OVC	250				74	70	71	87	5	14	29.67	29.78
09	FEW	250				69	50	58	51	11	05	30.01	30.12	09	BKN	250				81	72	75	74	16	16	29.67	29.77
12	SCT	250				78	53	63	42	8	06	29.98	30.09	12	BKN	250				86	72	76	63	14	16	29.64	29.75
15	SCT	250				83	57	67	41	10	10	29.92	30.03	15	BKN	250				90	72	77	56	9	18	29.59	29.70
18	BKN	130				77	61	67	58	14	13	29.90	30.01	18	SCT	250				86	72	76	63	10	18	29.58	29.68
21	OVC	250				72	61	65	68	8	14	29.95	30.06	21	SCT	250				81	72	75	74	9	18	29.62	29.72
24	OVC	070				72	61	65	68	6	17	29.94	30.05	24	BKN	250				78	72	74	82	3	16	29.65	29.76
<b>SUNRISE: 0536</b>						<b>MAY 05</b>						<b>SUNSET: 1901</b>															
03	BKN	095			-RA	70	65	67	84	6	31	29.93	30.04	03	BKN	080				76	73	74	90	3	33	29.67	29.77
06	OVC	065			-TSRA	67	65	66	93	11	03	29.94	30.05	06	BKN	250				73	58	64	59	17	01	29.82	29.93
09	OVC	031			TS+RA BR	63	62	62	97	10	12	30.00	30.11	09	BKN	130				74	52	61	46	15	01	29.90	30.01
12	OVC	060			+RA BR	66	64	65	93	6	VR	30.01	30.12	12	SCT	250				78	45	60	31	14	01	29.91	30.01
15	OVC	049				65	63	64	93	13	09	29.98	30.09	15	SCT	250				81	48	62	32	16	01	29.86	29.96
18	BKN	130				66	64	65	93	7	12	29.95	30.06	18	FEW	250				78	43	59	29	14	01	29.84	29.95
21	BKN	110				67	62	64	84	7	13	29.95	30.06	21	FEW	250				69	45	56	42	6	36	29.87	29.98
24	OVC	003			BR	64	63	63	97	10	09	29.92	30.03	24	BKN	250				63	48	55	58	5	01	29.86	29.96
<b>SUNRISE: 0535</b>						<b>MAY 06</b>						<b>SUNSET: 1901</b>															
03	OVC	003			BR	63	62	62	97	9	09	29.89	30.00	03	BKN	250				59	48	53	67	3	34	29.86	29.97
06	OVC	003			BR	62	61	61	97	6	09	29.92	30.03	06	BKN	250				60	48	54	65	8	05	29.89	30.00
09	OVC	250			BR	70	66	67	87	10	13	29.94	30.04	09	OVC	070				66	46	55	49	11	11	29.90	30.00
12	OVC	027				75	69	71	82	13	11	29.93	30.04	12	SCT	250				78	56	65	47	14	12	29.85	29.95
15	OVC	041				77	67	70	71	13	15	29.85	29.96	15	OVC	250				78	58	66	50	15	12	29.80	29.91
18	SCT	250				78	66	70	67	15	15	29.80	29.91	18	BKN	250				75	60	66	60	17	13	29.75	29.86
21	BKN	250				73	68	70	84	15	16	29.76	29.87	21	BKN	026				72	63	66	73	11	13	29.76	29.87
24	OVC	250				72	68	69	87	10	17	29.74	29.85	24	OVC	018				74	67	69	79	10	16	29.75	29.86

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2008

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
<b>SUNRISE: 0530      MAY 13      SUNSET: 1906</b>														<b>SUNRISE: 0526      MAY 19      SUNSET: 1910</b>															
03	OVC	037			10.00		75	70	72	85	8	16	29.72	29.83	03	CLR	NC			10.00		69	64	66	84	3	22	29.72	29.83
06	BKN	034			10.00		77	71	73	82	13	16	29.71	29.82	06	CLR	NC			10.00		70	64	66	81	7	23	29.75	29.86
09	OVC	250			10.00		80	71	74	74	15	16	29.74	29.85	09	CLR	NC			10.00		79	65	70	62	6	VR	29.77	29.88
12	OVC	250			10.00		83	71	75	67	21	16	29.72	29.82	12	CLR	NC			10.00		90	60	71	37	8	24	29.73	29.84
15	OVC	049			4.00	-RA BR	79	74	76	85	13	13	29.74	29.85	15	FEW	045			10.00		94	55	69	27	7	VR	29.67	29.77
18	BKN	250			9.00		79	73	75	82	14	15	29.72	29.83	18	CLR	NC			10.00		91	51	67	26	5	23	29.62	29.73
21	OVC	025			9.00		77	73	74	88	17	13	29.72	29.83	21	CLR	NC			10.00		82	55	66	40	7	19	29.66	29.76
24	OVC	021			8.00	-RA	77	73	74	88	7	13	29.77	29.88	24	CLR	NC			10.00		77	63	68	62	8	21	29.69	29.79
<b>SUNRISE: 0529      MAY 14      SUNSET: 1906</b>														<b>SUNRISE: 0526      MAY 20      SUNSET: 1910</b>															
03	OVC	042			6.00	BR	75	73	74	94	11	13	29.72	29.83	03	CLR	NC			10.00		74	66	69	76	6	20	29.67	29.77
06	SCT	040			6.00	BR	76	73	74	90	8	16	29.73	29.84	06	FEW	030			10.00		73	68	70	84	5	19	29.71	29.82
09	BKN	250			7.00		80	73	75	79	14	14	29.76	29.87	09	CLR	NC			10.00		83	65	71	55	10	20	29.75	29.85
12	OVC	040			5.00	-RA BR	73	69	70	87	11	07	29.77	29.88	12	CLR	NC			10.00		90	69	76	50	9	18	29.71	29.82
15	OVC	250			10.00		83	73	76	72	9	13	29.68	29.79	15	FEW	070			10.00		94	65	74	38	7	VR	29.64	29.74
18	BKN	250			10.00		82	74	76	77	14	14	29.65	29.76	18	FEW	070			10.00		93	64	74	38	6	18	29.60	29.71
21	BKN	250			7.00		78	74	75	88	9	13	29.66	29.76	21	CLR	NC			10.00		82	70	74	67	7	18	29.64	29.74
24	OVC	034			5.00	-RA BR	78	74	75	88	3	14	29.69	29.80	24	FEW	011			10.00		76	72	73	87	8	19	29.64	29.75
<b>SUNRISE: 0528      MAY 15      SUNSET: 1907</b>														<b>SUNRISE: 0525      MAY 21      SUNSET: 1911</b>															
03	OVC	026			4.00	BR	68	65	66	90	9	04	29.66	29.77	03	OVC	014			10.00		75	71	72	87	5	18	29.63	29.73
06	BKN	060			10.00		68	65	66	90	10	31	29.76	29.87	06	BKN	019			6.00	BR	75	71	72	87	3	17	29.64	29.75
09	OVC	130			10.00		71	67	68	87	5	VR	29.75	29.86	09	SCT	022			10.00		82	70	74	67	10	18	29.64	29.75
12	BKN	050			10.00		79	68	72	69	0	00	29.77	29.88	12	SCT	040			10.00		90	70	76	52	6	VR	29.63	29.73
15	BKN	250			10.00		82	66	71	58	7	30	29.76	29.87	15	BKN	050			10.00		90	72	77	56	16	11	29.54	29.65
18	BKN	250			8.00		78	67	71	69	8	34	29.76	29.87	18	SCT	038			10.00		85	70	75	61	18	14	29.50	29.60
21	BKN	130			8.00		71	64	67	79	8	35	29.83	29.93	21	BKN	033			10.00		78	71	73	79	11	13	29.53	29.64
24	OVC	250			10.00		68	61	64	78	7	01	29.87	29.98	24	OVC	045			10.00		79	71	74	77	9	16	29.54	29.65
<b>SUNRISE: 0528      MAY 16      SUNSET: 1908</b>														<b>SUNRISE: 0525      MAY 22      SUNSET: 1912</b>															
03	OVC	250			10.00		65	58	61	78	11	36	29.83	29.94	03	SCT	037			10.00		78	72	74	82	10	16	29.48	29.59
06	OVC	250			10.00		63	57	60	81	10	33	29.90	30.01	06	BKN	130			5.00	-RA TS HZ	79	72	74	79	8	17	29.50	29.61
09	OVC	250			10.00		66	57	61	73	10	35	29.94	30.05	09	SCT	019			5.00		80	74	76	82	13	16	29.51	29.62
12	OVC	250			10.00		74	60	65	62	15	02	29.93	30.04	12	OVC	250			10.00		86	72	76	63	18	14	29.51	29.61
15	BKN	250			10.00		76	58	65	54	16	36	29.91	30.02	15	SCT	041			10.00		90	70	76	52	18	17	29.45	29.55
18	SCT	250			10.00		74	54	62	50	14	01	29.89	30.00	18	SCT	045			10.00		84	72	76	67	17	15	29.43	29.53
21	FEW	250			10.00		66	54	59	65	6	VR	29.93	30.04	21	BKN	250			9.00		80	75	76	85	16	13	29.49	29.60
24	FEW	250			10.00		62	55	58	78	0	00	29.94	30.05	24	OVC	036			9.00		81	74	76	79	17	14	29.53	29.63
<b>SUNRISE: 0527      MAY 17      SUNSET: 1908</b>														<b>SUNRISE: 0524      MAY 23      SUNSET: 1912</b>															
03	BKN	250			10.00		59	55	57	87	0	00	29.91	30.02	03	OVC	033			9.00		80	74	76	82	17	14	29.52	29.63
06	OVC	250			10.00		59	56	57	90	0	00	29.93	30.04	06	SCT	029			9.00		79	73	75	82	14	16	29.57	29.68
09	OVC	250			10.00		66	57	61	73	0	00	29.95	30.06	09	SCT	029			10.00		86	72	76	63	16	16	29.61	29.72
12	OVC	250			10.00		70	54	61	57	5	VR	29.92	30.03	12	SCT	033			10.00		90	73	78	57	14	17	29.60	29.71
15	OVC	090			10.00		71	54	61	55	3	16	29.87	29.98	15	SCT	030			10.00		90	76	80	64	18	12	29.59	29.70
18	OVC	250			10.00		70	58	63	66	7	01	29.84	29.95	18	SCT	045			9.00		85	75	78	72	17	13	29.61	29.72
21	SCT	250			10.00		62	58	60	87	5	15	29.84	29.95	21	BKN	014			9.00		80	76	77	88	13	12	29.66	29.76
24	SCT	250			10.00		58	56	57	93	3	20	29.82	29.93	24	OVC	023			10.00		80	75	77	85	13	13	29.67	29.78
<b>SUNRISE: 0527      MAY 18      SUNSET: 1909</b>														<b>SUNRISE: 0524      MAY 24      SUNSET: 1913</b>															
03	SCT	085			10.00		59	55	57	87	0	00	29.79	29.90	03	OVC	023			10.00		80	73	75	79	16	14	29.67	29.77
06	OVC	090			10.00		62	56	59	81	3	VR	29.81	29.92	06	OVC	026			8.00		81	74	76	79	13	15	29.72	29.83
09	FEW	090			10.00		75	54	63	48	10	24	29.81	29.92	09	OVC	030			10.00		83	73	76	72	8	17	29.78	29.88
12	FEW	060			10.00		83	55	66	38	5	26	29.77	29.88	12	SCT	039			10.00		89	73	78	59	11	17	29.79	29.89
15	FEW	070			10.00		87	53	66	31	8	27	29.72	29.83	15	BKN	049			10.00		89	72	77	57	16	12	29.77	29.88
18	FEW	080			10.00		85	53	66	33	5	29	29.70	29.81	18	FEW	035			10.00		86	73	77	65	16	12	29.77	29.88
21	CLR	NC			10.00		70	59	63	68	0	00	29.73	29.84	21	BKN	250			10.00		80	75	77	85	7	11	29.80	29.91
24	CLR	NC			10.00		71	58	63	64	7	21	29.74	29.85	24	SCT	250			10.00		79	75	76	88	8	13	29.81	29.91

# OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX  
MAY 2008

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 Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
<b>SUNRISE: 0523      MAY 25      SUNSET: 1913</b>													
03	OVC	250				79	75	76	88	8	14	29.81	29.91
06	SCT	250				79	73	75	82	7	15	29.84	29.94
09	BKN	055				84	73	76	70	11	16	29.86	29.96
12	SCT	043				90	69	76	50	9	18	29.82	29.93
15	SCT	055				92	70	77	49	15	12	29.77	29.88
18	FEW	035				85	72	76	65	17	13	29.75	29.86
21	BKN	250				80	72	75	77	14	14	29.77	29.88
24	OVC	039				81	73	75	77	13	15	29.78	29.88
<b>SUNRISE: 0523      MAY 26      SUNSET: 1914</b>													
03	SCT	039				79	73	75	82	9	15	29.77	29.88
06	SCT	250				77	73	74	88	6	16	29.80	29.90
09	SCT	250				85	71	75	63	11	17	29.82	29.92
12	SCT	250				91	69	76	49	10	19	29.82	29.92
15	BKN	250				93	69	76	46	15	17	29.77	29.87
18	SCT	045				88	70	76	55	13	16	29.74	29.84
21	SCT	250				80	71	74	74	15	15	29.77	29.88
24	FEW	020				78	72	74	82	14	14	29.79	29.90
<b>SUNRISE: 0523      MAY 27      SUNSET: 1915</b>													
03	BKN	034				78	73	75	85	9	15	29.79	29.89
06	BKN	044				79	73	75	82	8	16	29.83	29.93
09	BKN	250				85	71	75	63	8	18	29.86	29.96
12	SCT	060				90	70	76	52	9	17	29.85	29.95
15	SCT	055				92	67	75	44	9	16	29.81	29.91
18	OVC	250			-TSRA	73	64	67	74	17	01	29.89	30.00
21	BKN	250				73	64	67	74	10	09	29.87	29.98
24	BKN	250				73	65	68	76	0	00	29.85	29.95
<b>SUNRISE: 0522      MAY 28      SUNSET: 1915</b>													
03	OVC	250				73	67	69	82	3	32	29.90	30.00
06	BKN	045				73	67	69	82	7	35	29.96	30.07
09	BKN	250				80	71	74	74	0	00	29.98	30.09
12	BKN	250				88	71	76	57	5	VR	29.96	30.07
15	SCT	250				91	68	75	47	7	VR	29.91	30.02
18	BKN	250				82	70	74	67	17	15	29.91	30.02
21	OVC	049			-RA	71	68	69	90	11	13	29.95	30.06
24	BKN	250				72	68	69	87	5	02	29.95	30.06
<b>SUNRISE: 0522      MAY 29      SUNSET: 1916</b>													
03	BKN	130				71	69	70	93	0	00	29.94	30.05
06	SCT	250				71	69	70	93	0	00	29.97	30.07
09	BKN	250				81	73	75	77	6	VR	29.98	30.09
12	BKN	250				83	70	74	65	7	11	29.97	30.07
15	BKN	250				86	71	76	61	18	13	29.91	30.02
18	SCT	250				83	67	72	59	14	13	29.90	30.01
21	SCT	250				77	64	69	64	10	14	29.92	30.03
24	FEW	026				70	66	67	87	0	00	29.92	30.03
<b>SUNRISE: 0522      MAY 30      SUNSET: 1916</b>													
03	FEW	025				70	67	68	90	0	00	29.89	29.99
06	FEW	025				69	66	67	90	0	00	29.90	30.01
09	BKN	034				82	68	73	63	7	19	29.92	30.03
12	SCT	120				88	62	71	42	10	18	29.90	30.01
15	FEW	070				91	58	70	33	14	14	29.86	29.96
18	FEW	050				88	59	70	38	11	18	29.84	29.95
21	SCT	250				81	67	72	63	8	17	29.87	29.97
24	FEW	250				76	69	71	79	5	17	29.88	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 Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
<b>SUNRISE: 0521      MAY 31      SUNSET: 1917</b>													
03	FEW	025				75	70	72	85	3	18	29.86	29.96
06	FEW	025				71	69	70	93	0	00	29.89	30.00
09	SCT	130				84	70	74	63	7	16	29.94	30.04
12	SCT	250				90	67	74	47	11	22	29.91	30.01
15	SCT	041				90	71	77	54	17	13	29.85	29.96
18	BKN	065				85	73	77	67	15	12	29.81	29.92
21	CLR	NC				80	71	74	74	8	16	29.87	29.98
24	FEW	025				79	73	75	82	7	18	29.87	29.97

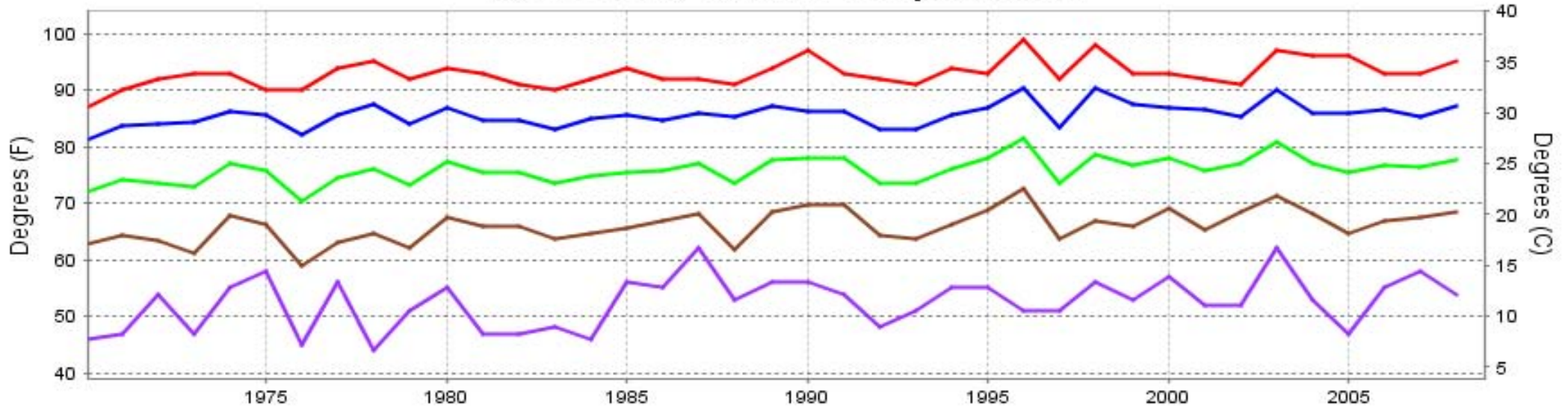
**3-HOURLY OBSERVATION NOTES**

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			73	67	69	82	29.75	29.86	8.78	8	6	15
02			72	67	69	83	29.75	29.85	8.94	8	6	15
03			72	67	68	84	29.75	29.85	8.87	7	5	16
04			71	66	68	84	29.75	29.86	8.78	7	6	16
05			71	66	68	85	29.76	29.87	8.94	6	5	16
06			71	66	68	84	29.78	29.89	8.56	7	6	17
07			73	66	69	81	29.80	29.90	8.75	8	5	16
08			75	66	69	74	29.81	29.91	8.94	10	5	16
09			77	65	70	68	29.81	29.92	9.08	10	6	16
10			79	65	70	63	29.81	29.92	9.05	11	5	15
11			81	65	71	59	29.81	29.91	9.47	12	5	15
12			83	65	71	56	29.79	29.90	9.53	11	6	15
13			84	64	71	54	29.78	29.88	9.37	11	6	14
14			85	65	72	53	29.76	29.87	9.37	11	6	14
15			85	65	72	52	29.75	29.85	9.65	13	7	13
16			85	64	72	53	29.73	29.84	9.52	12	6	13
17			84	65	71	54	29.73	29.84	9.35	13	6	14
18			81	65	71	59	29.73	29.84	9.61	12	6	13
19			79	65	70	65	29.74	29.84	9.26	10	6	14
20			77	66	70	71	29.75	29.86	9.48	10	7	13
21			75	66	69	74	29.76	29.87	9.42	9	7	14
22			75	66	70	77	29.77	29.88	9.48	8	6	15
23			74	67	69	79	29.77	29.88	9.32	8	6	15
24			73	67	69	81	29.77	29.88	9.05	7	6	15

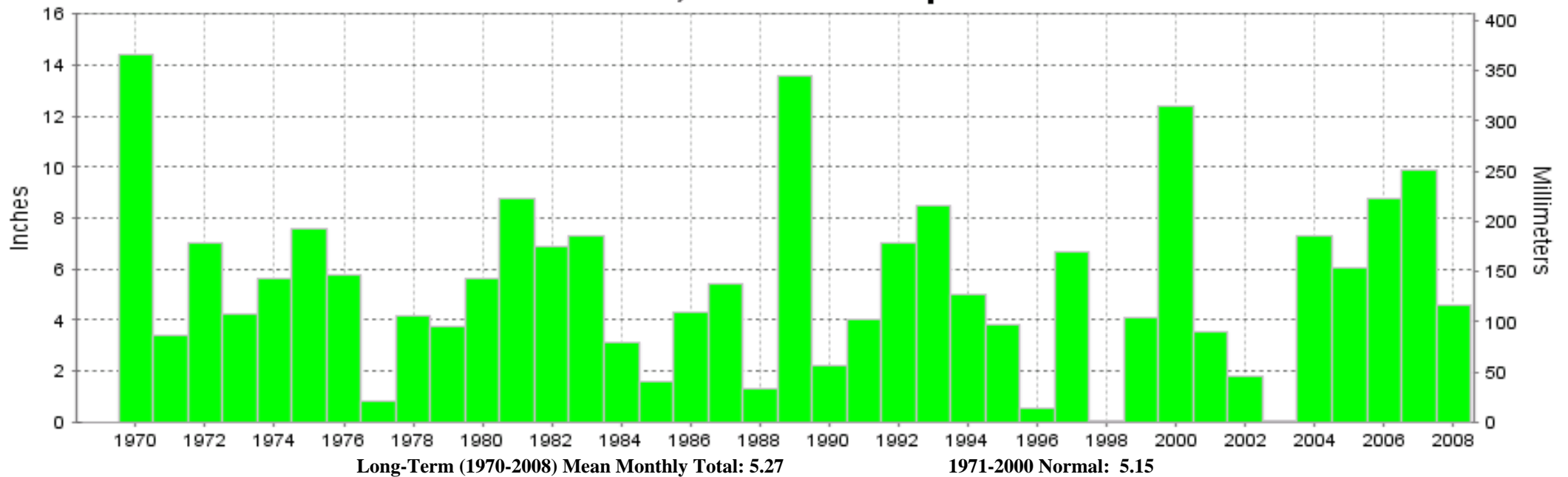
## HOUSTON, TX MAY Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1970-2008) Mean: 75.8  
1971-2000 Normal: 75.8

## HOUSTON, TX MAY Precipitation



Long-Term (1970-2008) Mean Monthly Total: 5.27

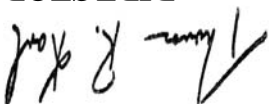
1971-2000 Normal: 5.15



MAY 2008  
HOUSTON, TX

# LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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DIRECTOR

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