JUNE 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	Temperature °F						Deg Days BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES							Date
										0600 LST	1200 LST	2400 LST	2400 LST						MAXIMUM 3-SEC		MAXIMUM 2-MIN		
	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	SPEED	DIR	SPEED	DIR	
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	92	72	82	3	70	74	0	17		0		0.0	0.00	29.85	29.97	8.5	15	8.9	24	12	22	13	01
02	97	74	86	6	71	75	0	21		0		0.0	0.00	29.82	29.94	8.4	18	8.8	25	16	22	15	02
03	95	77	86	6	70	75	0	21		0		0.0	0.00	29.72	29.84	11.2	18	11.4	25	18	18	17	03
04	93	78	86	6	71	75	0	21	RA	0		0.0	T	29.65	29.76	14.0	17	14.1	31	16	24	15	04
05	92	79	86	6	72	76	0	21	RA	0		0.0	T	29.67	29.78	17.8	16	17.9	36	15	29	15	05
06	93	79	86	6	74	77	0	21	RA	0		0.0	0.08	29.81	29.92	14.3	15	14.7	31	15	25	12	06
07	93	78	86	6	73	77	0	21	RA	0		0.0	T	29.88	29.98	14.9	14	15.2	28	14	23	12	07
08	96	78	87	7	72	76	0	22	RA	0		0.0	T	29.84	29.95	11.9	16	12.3	28	13	23	13	08
09	95	78	87	7	70	75	0	22		0		0.0	0.00	29.80	29.90	10.3	17	10.5	26	15	21	16	09
10	92	72	82	1	71	74	0	17	TS TSRA RA SQ	0		0.0	0.43	29.86	29.95	5.8	15	9.0	39*	05	30*	04	10
11	95	72	84	3	70	74	0	19		0		0.0	0.00	29.81	29.91	9.3	16	9.6	25	15	22	16	11
12	95	73	84	3	70	75	0	19		0		0.0	0.00	29.83	29.93	11.3	16	11.5	32	14	23	14	12
13	95	75	85	4	71	75	0	20	RA	0		0.0	T	29.88	29.98	9.5	16	9.8	26	15	21	14	13
14	95	73	84	3	71	75	0	19	RA	0		0.0	0.34	29.88	29.99	3.7	17	5.8	25	27	20	07	14
15	99	74	87*	6	70	75	0	22		0		0.0	0.00	29.81	29.91	4.3	17	6.2	21	14	17	14	15
16	98	74	86	5	71	75	0	21		0		0.0	0.00	29.81	29.92	4.9	16	6.5	21	14	18	14	16
17	98	73	86	4	70	74	0	21	TS TSRA RA	0		0.0	0.16	29.85	29.97	1.2	15	4.1	33	25	25	09	17
18	98	71	85	3	70	74	0	20		0		0.0	0.00	29.79	29.91	1.9	13	4.2	21	07	15	06	18
19	94	73	84	2	71	74	0	19	TS TSRA RA	0		0.0	0.52	29.80	29.90	2.2	11	5.2	33	36	29	01	19
20	99	71	85	3	70	74	0	20	TS TSRA RA	0		0.0	0.23	29.85	29.96	1.4	25	3.8	31	12	25	14	20
21	99*	72	86	4	70	74	0	21	TS TSRA RA	0		0.0	T	29.92	30.02	2.8	35	6.1	31	01	28	01	21
22	97	74	86	4	64	71	0	21		0		0.0	0.00	29.90	30.00	3.7	01	5.8	20	02	14	01	22
23	97	71	84	2	67	72	0	19	TS HZ	0		0.0	0.00	29.91	30.02	3.2	15	4.8	22	19	17	14	23
24	89	72	81*	-1	71	74	0	16	TS RA	0		0.0	T	30.00	30.11	5.7	14	6.4	25	13	23	13	24
25	96	74	85	3	71	75	0	20	TS RA	0		0.0	0.02	29.99	30.10	6.1	15	8.1	24	16	20	16	25
26	92	71*	82	0	72	74	0	17	TS TSRA RA	0		0.0	0.12	29.93	30.03	4.4	15	6.3	24	14	22	13	26
27	95	74	85	2	72	76	0	20		0		0.0	0.00	29.87	29.98	9.8	17	10.1	28	15	22	15	27
28	94	73	84	1	70	74	0	19		0		0.0	0.00	29.91	30.01	8.2	18	8.6	29	19	23	17	28
29	96	72	84	1	70	74	0	19	TS TSRA RA BR	0		0.0	0.16	29.98	30.08	1.5	08	5.9	26	24	18	06	29
30	93	73	83	0	69	73	0	18	TS	0		0.0	0.00	29.97	30.08	3.1	36	5.3	22	36	15	02	30
	95.1	74.0	84.6	¤	70.5	74.5	0.0	19.8	< MONTHLY AVERAGES | TOTALS >			0.0	2.06	29.85	29.96	6.3	16	8.6	< MONTHLY AVERAGES				
	4.4	2.2	3.3		<---------- DEPARTURE FROM NORMAL ---------->								-3.29	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING :	0	0	1161	-364
COOLING :	594	109	1305	246

GREATEST 24-HR PRECIPITATION : 0.52 DATE : 19
GREATEST 24-HR SNOWFALL : 0.0 DATE :
GREATEST SNOW DEPTH : 0 DATE :

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM :	30.17	24	1053
MIMIMUM :	29.72	04	1851

NUMBER OF -> DAYS WITH

MAXIMUM TEMP >= 90 : 29	MINIMUM TEMP <= 32 : 0	PRECIPITATION >= 0.01 INCH: 9
MAXIMUM TEMP <= 32 : 0	MINIMUM TEMP <= 0 : 0	PRECIPITATION >= 0.10 INCH: 7
THUNDERSTORMS : 11	HEAVY FOG : 0	SNOWFALL >= 1.0 INCH : 0

JUNE 2008
HOUSTON, TX

HOURLY PRECIPITATION
(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
JUNE 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	0.00	0.00
02													02													02	0.00	0.00
03													03													03	0.00	0.00
04													04					T	T							04	T	T
05			T	T	T	T			T	T		T	05													05	T	T
06										T	T		06	T	0.04		T	T	0.04							06	0.08	0.08
07													07											T		07	T	T
08										T			08													08	T	T
09													09													09	0.00	0.00
10											T	0.32	10	0.11	T											10	0.43	0.43
11													11													11	0.00	0.00
12													12													12	0.00	0.00
13													13	T												13	T	T
14													14		T	0.33	0.01									14	0.34	0.34
15													15													15	0.00	0.00
16													16													16	0.00	0.00
17													17					0.16	T							17	0.16	0.16
18													18													18	0.00	0.00
19													19		T	0.52										19	0.52	0.52
20													20								0.23	T				20	0.23	0.23
21													21					T								21	T	T
22													22													22	0.00	0.00
23													23													23	0.00	0.00
24										T			24													24	T	T
25													25				0.02									25	0.02	0.02
26												T	26	0.04	0.02	0.05	0.01	T								26	0.12	0.12
27													27													27	0.00	0.00
28													28													28	0.00	0.00
29													29				0.03	0.09	0.02	0.02			T			29	0.16	0.16
30													30													30	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)	0.28	0.43	0.48	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Ending Date	19	19	19	19	19	19	19	19	19	19	19	19
Ending Time (Hr/Min)	1421	1425	1430	1435	1437	1437	1437	1437	1437	1437	1437	1437

Date and time are not entered for TRACE amounts.

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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

*** = Extreme for the month (last occurence 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
JUNE 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
			SR-SS		MN-MN				
	TOTAL MINUTES	PERCENT POSSIBLE	Sky Cover	Satellite	Sky Cover	Satellite	MINIMUM	MAXIMUM	
01							10.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							4.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							5.00	10.00	
18							8.00	10.00	
19							10.00	10.00	
20							3.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							6.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							6.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							6.00	10.00	
30							9.00	10.00	
MONTHLY AVGS							8.90	10.00	

SUNSHINE (Minutes)

Total : 0 **Possible : 25261**
Percent Possible : 0

NUMBER OF DAYS WITH :

SKY CONDITION

Clear	Partly CLDY	Cloudy	Missing
0	1	24	

MINIMUM VISIBILTY (MILES)

<= .25	<= 3.0	>= 7.0
0	1	24

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JUNE 2008 KIAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0521 JUN 01 SUNSET: 1917								
03	SCT	018			10.00		76	72	73	87	3	17	29.84	29.95
06	FEW	020			10.00		75	71	72	87	3	17	29.86	29.97
09	SCT	030			10.00		83	70	74	65	9	18	29.90	30.00
12	SCT	050			10.00		89	69	75	52	10	15	29.90	30.00
15	SCT	043			10.00		90	72	77	56	14	11	29.84	29.95
18	FEW	050			10.00		88	59	70	38	15	13	29.83	29.93
21	FEW	250			10.00		81	71	74	72	9	17	29.85	29.96
24	FEW	018			10.00		78	73	75	85	6	16	29.87	29.97
						SUNRISE: 0521 JUN 02 SUNSET: 1918								
03	FEW	022			10.00		77	73	74	88	5	16	29.84	29.95
06	FEW	020			10.00		75	73	74	94	3	15	29.86	29.96
09	SCT	024			10.00		85	72	76	65	8	17	29.88	29.99
12	BKN	047			10.00		93	69	76	46	13	21	29.85	29.96
15	SCT	065			10.00		96	68	77	40	10	15	29.79	29.90
18	FEW	055			10.00		90	70	76	52	18	15	29.78	29.89
21	CLR	NC			10.00		82	71	74	69	9	17	29.81	29.92
24	CLR	NC			10.00		79	72	74	79	6	17	29.81	29.92
						SUNRISE: 0521 JUN 03 SUNSET: 1918								
03	FEW	018			10.00		78	73	75	85	7	18	29.77	29.88
06	SCT	030			10.00		78	73	75	85	7	18	29.78	29.89
09	SCT	028			10.00		86	70	75	59	15	19	29.79	29.89
12	SCT	050			10.00		92	67	75	44	11	18	29.76	29.86
15	BKN	060			10.00		95	69	77	43	14	19	29.70	29.80
18	FEW	050			10.00		89	69	75	52	13	18	29.67	29.77
21	FEW	028			10.00		82	71	74	69	11	17	29.70	29.80
24	FEW	020			10.00		80	73	75	79	11	17	29.69	29.80
						SUNRISE: 0520 JUN 04 SUNSET: 1919								
03	SCT	030			10.00		79	72	74	79	10	17	29.67	29.77
06	SCT	040			10.00		79	72	74	79	7	18	29.67	29.78
09	BKN	038			10.00		85	71	75	63	11	19	29.69	29.79
12	BKN	045			10.00		90	68	75	48	18	19	29.67	29.78
15	BKN	070			10.00		90	69	76	50	16	16	29.63	29.74
18	BKN	070			10.00		88	71	76	57	14	16	29.62	29.72
21	BKN	250			10.00		83	73	76	72	16	17	29.64	29.74
24	BKN	250			10.00		82	73	76	74	16	16	29.64	29.75
						SUNRISE: 0520 JUN 05 SUNSET: 1919								
03	BKN	040			10.00	-RA	81	73	75	77	10	16	29.63	29.73
06	SCT	150			10.00		80	73	75	79	10	16	29.65	29.76
09	BKN	055			10.00	-RA	85	72	76	65	15	18	29.69	29.80
12	BKN	060			10.00	-RA	90	71	77	54	17	17	29.69	29.80
15	SCT	041			10.00		91	70	76	50	26	15	29.67	29.78
18	SCT	060			10.00		86	72	76	63	24	16	29.66	29.76
21	SCT	030			10.00		83	74	77	74	20	16	29.70	29.80
24	BKN	037			10.00		82	73	76	74	17	16	29.70	29.80
						SUNRISE: 0520 JUN 06 SUNSET: 1920								
03	BKN	034			10.00		82	73	76	74	15	16	29.73	29.84
06	SCT	037			10.00		80	73	75	79	7	16	29.79	29.90
09	BKN	050			10.00		88	73	77	61	14	16	29.83	29.94
12	SCT	060			10.00		87	74	78	65	15	13	29.85	29.96
15	BKN	050			10.00		88	76	79	68	18	11	29.82	29.93
18	BKN	250			10.00		86	74	78	68	17	15	29.82	29.92
21	SCT	250			10.00		82	73	76	74	13	15	29.86	29.96
24	FEW	025			10.00		80	74	76	82	10	15	29.88	29.99

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0520 JUN 07 SUNSET: 1920								
03	FEW	025			10.00		79	74	76	85	10	14	29.86	29.97
06	SCT	022			10.00		80	74	76	82	11	14	29.90	30.00
09	SCT	033			10.00		86	72	76	63	20	15	29.92	30.02
12	SCT	060			10.00		89	72	77	57	17	13	29.91	30.01
15	SCT	065			10.00		90	72	77	56	16	11	29.87	29.98
18	FEW	030			10.00		87	73	77	63	21	14	29.84	29.95
21	FEW	018			10.00		82	75	77	79	13	13	29.86	29.96
24	FEW	025			10.00		81	75	77	82	13	15	29.87	29.97
						SUNRISE: 0520 JUN 08 SUNSET: 1921								
03	CLR	NC			10.00		79	73	75	82	8	16	29.86	29.96
06	SCT	250			10.00		78	73	75	85	5	16	29.87	29.98
09	SCT	250			10.00		86	71	76	61	14	16	29.90	30.01
12	BKN	070			10.00		90	69	76	50	17	17	29.87	29.98
15	BKN	050			10.00		91	73	78	56	15	12	29.83	29.93
18	SCT	250			10.00		88	69	75	53	16	15	29.80	29.90
21	SCT	250			10.00		82	73	76	74	14	16	29.81	29.91
24	BKN	035			10.00		81	74	76	79	9	18	29.82	29.93
						SUNRISE: 0520 JUN 09 SUNSET: 1921								
03	SCT	042			10.00		80	73	75	79	6	17	29.80	29.91
06	SCT	250			10.00		79	73	75	82	7	17	29.82	29.92
09	BKN	250			10.00		84	71	75	65	11	20	29.84	29.94
12	SCT	047			10.00		92	69	76	47	10	19	29.80	29.91
15	BKN	250			10.00		93	66	75	41	13	18	29.76	29.87
18	SCT	250			10.00		89	67	74	48	18	16	29.73	29.84
21	FEW	035			10.00		83	69	74	63	9	17	29.79	29.89
24	SCT	250			10.00		80	71	74	74	6	18	29.83	29.93
						SUNRISE: 0520 JUN 10 SUNSET: 1922								
03	SCT	150			10.00		79	72	74	79	5	18	29.81	29.91
06	SCT	250			10.00		77	73	74	88	0	00	29.85	29.95
09	BKN	250			10.00		86	72	76	63	11	18	29.87	29.98
12	BKN	060			4.00	-TSRA	73	68	70	84	23	02	29.95	30.06
15	BKN	250			10.00		83	69	74	63	14	17	29.85	29.96
18	SCT	250			10.00		86	69	74	57	10	14	29.81	29.91
21	SCT	250			10.00		79	73	75	82	10	14	29.84	29.95
24	SCT	250			10.00		78	73	75	85	3	18	29.84	29.95
						SUNRISE: 0520 JUN 11 SUNSET: 1922								
03	SCT	065			10.00		74	71	72	90	5	15	29.83	29.94
06	SCT	250			10.00		74	72	73	94	3	17	29.83	29.94
09	SCT	250			10.00		86	71	76	61	11	17	29.85	29.95
12	SCT	048			10.00		92	67	75	44	9	17	29.82	29.93
15	SCT	060			10.00		93	67	75	43	16	15	29.77	29.87
18	FEW	050			10.00		88	68	74	52	15	16	29.75	29.85
21	FEW	029			10.00		82	71	74	69	9	17	29.80	29.91
24	FEW	025			10.00		80	71	74	74	8	17	29.83	29.93
						SUNRISE: 0520 JUN 12 SUNSET: 1922								
03	FEW	022			10.00		76	71	73	85	3	17	29.80	29.91
06	FEW	025			10.00		73	71	72	93	6	17	29.82	29.92
09	SCT	025			10.00		88	71	76	57	14	16	29.84	29.94
12	SCT	050			10.00		94	68	76	43	14	16	29.83	29.94
15	SCT	049			10.00		92	69	76	47	17	15	29.80	29.91
18	SCT	043			10.00		87	68	74	53	22	14	29.81	29.91
21	FEW	035			10.00		80	71	74	74	13	16	29.86	29.96
24	CLR	NC			10.00		80	72	75	77	7	17	29.87	29.97

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JUNE 2008 **KIAH** **WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0520 JUN 13 SUNSET: 1923								
03	FEW	023			10.00		78	72	74	82	7	15	29.85	29.95
06	FEW	022			10.00		76	72	73	87	6	15	29.87	29.97
09	SCT	031			10.00		86	70	75	59	10	16	29.92	30.02
12	BKN	090			10.00		93	69	76	46	13	16	29.90	30.01
15	SCT	060			10.00		89	70	76	54	16	14	29.86	29.97
18	SCT	250			10.00		88	69	75	53	17	14	29.86	29.96
21	SCT	250			10.00		82	71	74	69	13	16	29.89	30.00
24	FEW	020			10.00		76	71	73	85	5	17	29.90	30.01
						SUNRISE: 0520 JUN 14 SUNSET: 1923								
03	FEW	020			10.00		74	71	72	90	3	17	29.87	29.98
06	SCT	250			10.00		73	72	72	97	3	15	29.92	30.02
09	SCT	250			10.00		86	72	76	63	6	22	29.95	30.06
12	BKN	250			10.00		92	67	75	44	7	26	29.92	30.03
15	SCT	050			10.00	-RA	84	74	77	72	10	08	29.88	29.99
18	SCT	250			10.00		90	68	75	48	10	17	29.82	29.92
21	FEW	250			10.00		84	69	74	61	8	17	29.84	29.95
24	CLR	NC			10.00		79	72	74	79	5	20	29.88	29.98
						SUNRISE: 0520 JUN 15 SUNSET: 1924								
03	FEW	250			10.00		75	72	73	90	0	00	29.85	29.96
06	SCT	250			10.00		77	73	74	88	0	00	29.84	29.95
09	SCT	250			10.00		84	71	75	65	7	26	29.86	29.96
12	SCT	050			10.00		93	67	75	43	7	16	29.83	29.93
15	SCT	250			10.00		95	65	75	37	3	20	29.76	29.86
18	SCT	250			10.00		92	69	76	47	15	14	29.73	29.83
21	FEW	250			10.00		85	70	75	61	9	17	29.76	29.87
24	FEW	250			10.00		80	73	75	79	3	VR	29.80	29.90
						SUNRISE: 0520 JUN 16 SUNSET: 1924								
03	FEW	250			10.00		77	73	74	88	3	19	29.79	29.90
06	SCT	250			10.00		75	72	73	90	0	00	29.82	29.92
09	SCT	021			10.00		86	72	76	63	5	VR	29.85	29.95
12	SCT	250			10.00		92	68	76	45	7	VR	29.83	29.93
15	SCT	250			10.00		97	67	76	38	6	14	29.77	29.88
18	BKN	065			10.00		92	69	76	47	13	13	29.76	29.86
21	SCT	250			10.00		86	71	76	61	9	16	29.82	29.93
24	FEW	250			10.00		81	72	75	74	5	17	29.87	29.97
						SUNRISE: 0520 JUN 17 SUNSET: 1924								
03	SCT	250			10.00		79	73	75	82	0	00	29.86	29.97
06	SCT	250			10.00		77	73	74	88	0	00	29.89	29.99
09	BKN	250			10.00		85	71	75	63	7	26	29.91	30.01
12	SCT	250			10.00		92	68	76	45	0	00	29.88	29.99
15	BKN	250			10.00		95	65	75	37	6	23	29.82	29.93
18	BKN	090			10.00		84	67	73	57	21	10	29.84	29.95
21	BKN	250			10.00		75	70	72	85	0	00	29.83	29.94
24	BKN	250			10.00		73	70	71	90	0	00	29.83	29.93
						SUNRISE: 0520 JUN 18 SUNSET: 1925								
03	BKN	110			8.00		72	70	71	93	6	06	29.84	29.95
06	BKN	250			10.00		71	68	69	90	3	VR	29.85	29.96
09	BKN	250			10.00		84	73	76	70	3	20	29.88	29.98
12	SCT	250			10.00		94	69	77	44	5	33	29.82	29.93
15	BKN	250			10.00		98	68	77	38	7	VR	29.73	29.84
18	BKN	250			10.00		92	69	76	47	6	11	29.71	29.82
21	BKN	250			10.00		82	71	74	69	7	20	29.75	29.86
24	BKN	250			10.00		80	74	76	82	3	18	29.78	29.88
						SUNRISE: 0521 JUN 19 SUNSET: 1925								
03	BKN	250			10.00		79	73	75	82	3	20	29.75	29.86
06	SCT	250			10.00		76	73	74	90	0	00	29.79	29.89
09	BKN	250			10.00		85	73	77	67	0	00	29.86	29.96
12	BKN	250			10.00		92	71	77	50	7	17	29.82	29.92
15	BKN	100			10.00	TS	73	67	69	82	7	23	29.76	29.87
18	BKN	250			10.00		82	69	73	65	10	12	29.76	29.87
21	SCT	250			10.00		76	70	72	82	7	13	29.79	29.89
24	FEW	250			10.00		74	70	71	87	3	13	29.81	29.92
						SUNRISE: 0521 JUN 20 SUNSET: 1925								
03	CLR	NC			10.00		72	70	71	93	0	00	29.82	29.93
06	BKN	250			10.00		73	71	72	93	0	00	29.85	29.96
09	BKN	250			10.00		86	74	78	68	7	24	29.88	29.98
12	BKN	250			10.00		91	68	75	47	11	24	29.87	29.97
15	BKN	250			10.00		94	67	75	41	6	VR	29.82	29.93
18	BKN	250			10.00		79	68	72	69	6	17	29.83	29.94
21	BKN	110			10.00		75	73	74	94	0	00	29.87	29.98
24	SCT	250			10.00		74	72	73	94	0	00	29.91	30.02
						SUNRISE: 0521 JUN 21 SUNSET: 1925								
03	FEW	250			10.00		73	71	72	93	5	32	29.92	30.02
06	FEW	250			10.00		74	71	72	90	5	32	29.95	30.06
09	SCT	250			10.00		86	74	78	68	7	VR	29.98	30.09
12	SCT	250			10.00		93	70	77	47	6	33	29.95	30.06
15	SCT	250			10.00		98	67	77	36	8	02	29.88	29.98
18	BKN	250			10.00		85	70	75	61	10	10	29.89	29.99
21	BKN	250			10.00		76	69	71	79	5	15	29.92	30.02
24	BKN	250			10.00		75	70	72	85	7	26	29.93	30.03
						SUNRISE: 0521 JUN 22 SUNSET: 1926								
03	SCT	250			10.00		74	67	69	79	0	00	29.92	30.03
06	SCT	250			10.00		74	69	71	84	5	32	29.93	30.04
09	FEW	250			10.00		86	68	74	55	6	01	29.95	30.05
12	FEW	055			10.00		93	61	72	34	9	03	29.92	30.02
15	FEW	060			10.00		97	60	73	29	8	36	29.87	29.97
18	SCT	250			10.00		94	55	69	27	9	01	29.83	29.94
21	FEW	070			10.00		81	61	68	51	0	00	29.88	29.98
24	CLR	NC			10.00		75	68	70	79	0	00	29.89	30.00
						SUNRISE: 0521 JUN 23 SUNSET: 1926								
03	CLR	NC			10.00		74	69	71	84	0	00	29.88	29.99
06	BKN	250			10.00		73	68	70	84	3	34	29.91	30.01
09	BKN	250			10.00		86	69	74	57	0	00	29.93	30.03
12	BKN	250			10.00		93	61	72	34	5	VR	29.93	30.03
15	SCT	250			10.00		86	63	71	46	13	18	29.92	30.02
18	BKN	250			10.00		87	69	75	55	15	15	29.90	30.01
21	FEW	250			10.00		80	70	73	72	6	15	29.94	30.04
24	SCT	250			10.00		75	71	72	87	3	16	29.96	30.07
						SUNRISE: 0522 JUN 24 SUNSET: 1926								
03	BKN	250			10.00		75	71	72	87	0	00	29.97	30.07
06	SCT	250			10.00		74	71	72	90	0	00	30.00	30.10
09	BKN	250			10.00		87	71	76	59	0	00	30.03	30.13
12	BKN	110			10.00		75	68	70	79	9	13	30.06	30.16
15	OVC	250			10.00		85	71	75	63	11	16	30.01	30.12
18	BKN	250			10.00		87	69	75	55	15	16	29.98	30.10
21	BKN	250			10.00		79	74	76	85	5	15	29.98	30.09
24	SCT	250			10.00		77	73	74	88	5	15	30.02	30.13

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

JUNE 2008 **KIAH** **WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0522 JUN 25 SUNSET: 1926								
03	BKN	250			10.00		75	73	74	94	0	00	30.01	30.12
06	SCT	250			10.00		76	72	73	87	9	14	30.03	30.14
09	BKN	250			10.00		86	71	76	61	7	VR	30.03	30.15
12	BKN	250			10.00		94	69	77	44	10	17	30.02	30.13
15	BKN	250			10.00	TS	93	66	75	41	13	19	29.94	30.05
18	BKN	250			10.00		82	68	73	63	10	05	29.96	30.06
21	BKN	250			10.00		82	72	75	72	9	13	29.98	30.09
24	SCT	250			10.00		80	73	75	79	8	16	29.97	30.07
						SUNRISE: 0522 JUN 26 SUNSET: 1926								
03	SCT	250			10.00		76	73	74	90	3	17	29.95	30.05
06	SCT	250			10.00		79	74	76	85	5	18	29.95	30.06
09	SCT	250			10.00		87	72	77	61	10	18	29.98	30.08
12	SCT	046			10.00	-TSRA	74	66	69	76	11	11	29.94	30.05
15	SCT	065			10.00	-TSRA	73	70	71	90	10	14	29.93	30.04
18	SCT	130			10.00		76	73	74	90	5	12	29.86	29.97
21	BKN	250			10.00		76	72	73	87	0	00	29.87	29.98
24	BKN	250			10.00		76	73	74	90	5	15	29.86	29.97
						SUNRISE: 0523 JUN 27 SUNSET: 1926								
03	BKN	250			10.00		78	74	75	88	7	16	29.84	29.95
06	SCT	250			10.00		78	74	75	88	5	18	29.88	29.98
09	SCT	039			10.00		86	73	77	65	8	19	29.91	30.02
12	SCT	065			10.00		91	70	76	50	13	19	29.89	30.00
15	BKN	250			10.00		94	70	77	46	14	17	29.84	29.95
18	SCT	250			10.00		89	69	75	52	16	15	29.84	29.94
21	SCT	250			10.00		83	70	74	65	11	17	29.87	29.98
24	SCT	250			10.00		81	72	75	74	7	17	29.89	29.99
						SUNRISE: 0523 JUN 28 SUNSET: 1926								
03	FEW	023			10.00		78	72	74	82	0	00	29.88	29.98
06	CLR	NC			10.00		74	72	73	94	0	00	29.89	30.00
09	SCT	030			10.00		86	71	76	61	10	20	29.93	30.04
12	BKN	250			10.00		90	69	76	50	11	18	29.92	30.03
15	BKN	250			10.00		91	71	77	52	17	15	29.90	30.00
18	SCT	250			10.00		89	67	74	48	17	19	29.86	29.96
21	SCT	250			10.00		80	67	71	65	3	21	29.94	30.04
24	SCT	250			10.00		77	68	71	74	5	22	29.96	30.06
						SUNRISE: 0523 JUN 29 SUNSET: 1926								
03	BKN	250			10.00		76	71	73	85	6	01	29.97	30.08
06	BKN	130			10.00		76	70	72	82	6	36	29.98	30.08
09	BKN	250			9.00		85	75	78	72	6	17	30.01	30.11
12	SCT	250			10.00		93	69	76	46	3	VR	30.00	30.11
15	BKN	250			10.00	TS	92	69	76	47	14	01	29.92	30.03
18	OVC	250			8.00	-RA	73	70	71	90	10	07	29.97	30.08
21	OVC	250			10.00		75	71	72	87	5	17	29.98	30.09
24	BKN	250			10.00		73	70	71	90	3	27	29.98	30.09
						SUNRISE: 0524 JUN 30 SUNSET: 1926								
03	SCT	130			10.00		74	70	71	87	0	00	29.98	30.09
06	BKN	250			10.00		75	70	72	85	0	00	30.01	30.12
09	OVC	250			10.00		84	71	75	65	9	36	30.03	30.14
12	BKN	250			10.00		90	70	76	52	7	32	30.01	30.11
15	OVC	250			10.00		92	69	76	47	9	33	29.94	30.05
18	OVC	250			10.00		90	69	76	50	6	33	29.91	30.01
21	BKN	250			10.00		83	68	73	61	3	26	29.96	30.06
24	BKN	250			10.00		78	66	70	67	7	09	29.98	30.09

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL

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

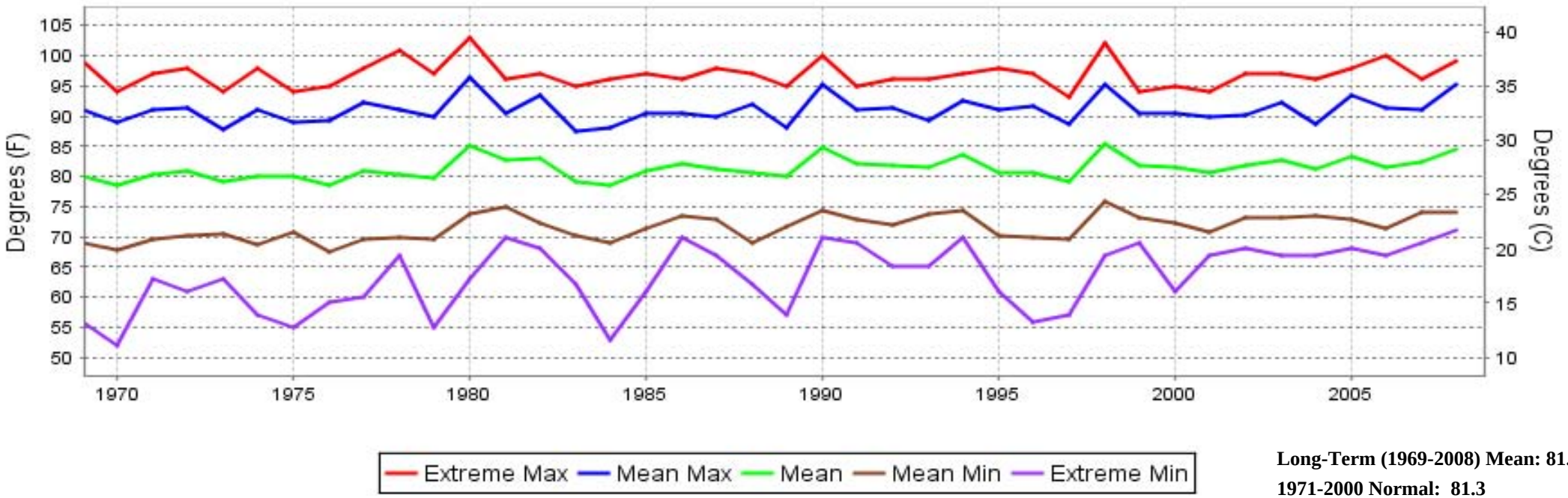
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

SUMMARY BY HOUR

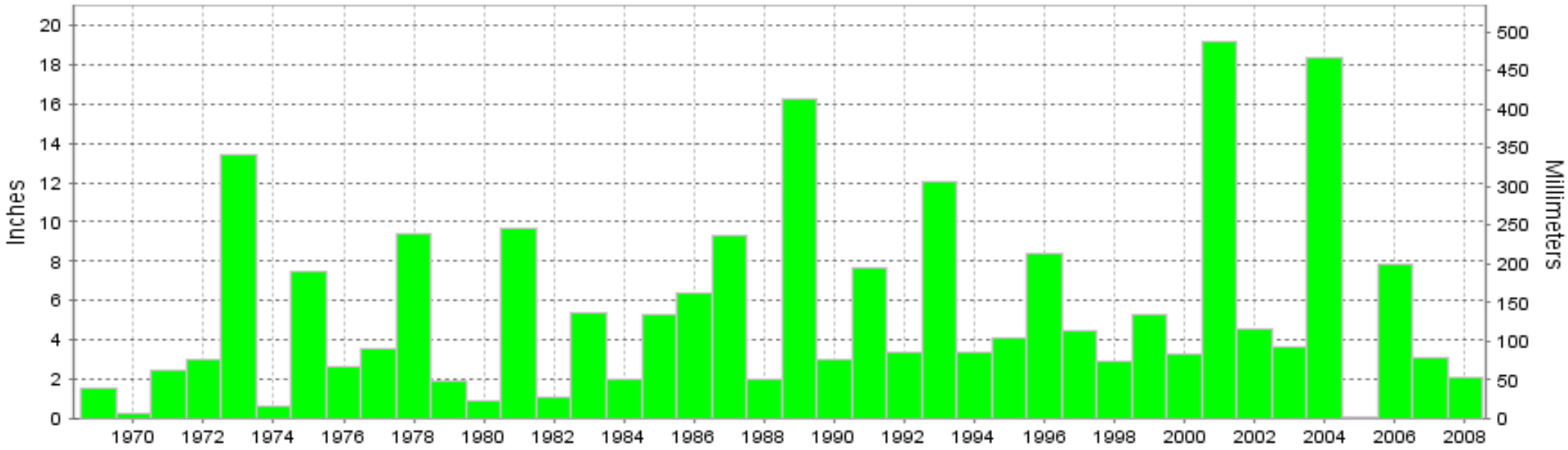
HOUR (LST)	AVERAGES CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG) STATION	PRESSURE (Inches, HG) SEA LEVEL	VISIBILITY (Miles)	WIND SPEED (MPH)	RESULTANT WIND (MPH) SPEED	RESULTANT WIND (MPH) DIRECTION
01			78	72	74	83	29.85	29.95	10.00	6	7	17
02			77	72	74	84	29.85	29.95	10.00	5	7	17
03			77	72	73	85	29.85	29.95	9.93	4	7	17
04			76	72	73	86	29.85	29.95	10.00	4	7	17
05			76	72	73	87	29.86	29.96	9.93	4	8	17
06			76	72	73	87	29.87	29.97	10.00	4	8	17
07			80	73	75	79	29.88	29.99	9.80	6	7	16
08			83	72	76	71	29.89	30.00	9.97	8	7	17
09			86	72	76	63	29.90	30.00	9.97	9	6	18
10			88	70	76	56	29.89	30.00	9.97	10	6	17
11			90	69	75	51	29.89	30.00	9.97	10	7	18
12			90	68	75	50	29.88	29.99	9.80	11	6	17
13			91	68	75	48	29.86	29.97	9.87	11	7	15
14			91	68	75	48	29.85	29.95	10.00	12	7	14
15			91	69	76	50	29.83	29.94	10.00	12	7	14
16			90	68	75	50	29.82	29.93	9.87	12	8	13
17			88	69	75	55	29.82	29.92	9.77	13	8	13
18			87	69	74	56	29.81	29.92	9.93	14	8	13
19			84	69	74	61	29.82	29.93	10.00	12	7	13
20			82	70	74	68	29.83	29.94	9.73	10	6	14
21			81	71	74	73	29.85	29.95	10.00	8	6	15
22			79	71	74	77	29.86	29.97	9.97	8	6	15
23			79	71	74	79	29.86	29.97	9.97	7	6	16
24			78	72	74	81	29.86	29.97	10.00	6	6	17

HOUSTON, TX JUNE Temperatures



Long-Term (1969-2008) Mean: 81.3
1971-2000 Normal: 81.3

HOUSTON, TX JUNE Precipitation



Long-Term (1969-2008) Mean Monthly Total: 5.53 **1971-2000 Normal: 5.35**

Published By: National Climatic Data Center

JUNE 2008
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center

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