



SEPTEMBER 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



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	92	73	83	1	70	73	0	18	TSRA RA BR	0		0.0	0.39	29.86	29.97	5.7	04	6.8	25	11	22	10	01	
02	85	74	80	-2	73	75	0	15	RA BR HZ	0		0.0	0.11	29.91	30.02	4.8	09	6.6	16	06	14	12	02	
03	91	73	82	0	73	75	0	17	TS TSRA RA BR	0		0.0	0.78	29.93	30.06	1.0	03	4.0	24	17	22	16	03	
04	90	72	81	-1	74	75	0	16	TS TSRA RA BR	0		0.0	0.33	29.85	29.98	1.8	09	3.3	30*	14	28*	14	04	
05	92	78	85	3	75	77	0	20	TS TSRA RA	0		0.0	T	29.80	29.92	5.7	17	6.3	20	16	15	17	05	
06	92	76	84	3	76	78	0	19	RA	0		0.0	T	29.85	29.96	4.9	15	5.8	21	12	18	12	06	
07	95	75	85	4	75	77	0	20	TS TSRA RA	0		0.0	0.42	29.86	29.97	3.4	15	4.6	22	14	20	14	07	
08	93	76	85	5	76	78	0	20	TS FG+ MIFG BR	0		0.0	0.00	29.83	29.94	2.8	12	4.6	21	14	20	14	08	
09	92	76	84	4	74	76	0	19		0		0.0	0.00	29.84	29.95	3.6	11	4.7	26	10	23	10	09	
10	95*	75	85*	5	72	75	0	20	RA	0		0.0	T	29.85	29.96	1.4	09	3.7	14	08	10	13	10	
11	94	74	84	4	72	75	0	19	RA HZ	0		0.0	T	29.85	29.96	7.8	01	8.4	22	01	18	01	11	
12	86	73	80	0	72	74	0	15	RA BR HZ	0		0.0	0.24	29.80	29.93	9.8	04	11.0	18	06	16	04	12	
13	88	74	81	2	71	74	0	16		0		0.0	0.00	29.79	29.90	5.6	30	6.0	16	28	14	31	13	
14	94	73	84	5	71	74	0	19		0		0.0	0.00	29.91	30.00	3.1	02	4.5	17	10	14	09	14	
15	92	73	83	4	69	73	0	18		0		0.0	0.00	30.01	30.11	5.6	06	6.5	17	05	15	05	15	
16	90	68	79	0	64	69	0	14		0		0.0	0.00	29.98	30.10	5.0	09	6.2	17	11	14	11	16	
17	91	66	79	0	66	70	0	14		0		0.0	0.00	29.92	30.04	5.4	11	6.4	18	13	14	13	17	
18	93	70	82	4	71	74	0	17		0		0.0	0.00	29.90	30.01	6.2	12	6.9	20	11	16	11	18	
19	93	74	84	6	72	75	0	19		0		0.0	0.00	29.91	30.02	6.5	11	7.8	23	10	16	11	19	
20	91	69	80	2	64	70	0	15		0		0.0	0.00	29.87	29.99	4.2	05	5.4	17	01	14	02	20	
21	91	65*	78*	0	62	68	0	13		0		0.0	0.00	29.82	29.94	1.1	03	3.4	14	06	10	14	21	
22	93	67	80	3	64	69	0	15	BR HZ	0		0.0	0.00	29.83	29.94	1.3	35	3.7	16	36	14	05	22	
23	90	70	80	3	66	71	0	15	BR	0		0.0	0.00	29.84	29.95	2.3	17	3.7	17	13	14	14	23	
24	92	70	81	4	70	73	0	16	BR	0		0.0	0.00	29.85	29.97	4.3	10	6.1	18	11	15	13	24	
25	90	73	82	5	73	75	0	17	RA FG+ FG BR HZ	0		0.0	0.02	29.87	29.99	5.8	09	7.0	21	09	18	10	25	
26	92	73	83	7	73	75	0	18	RA BR HZ	0		0.0	T	29.85	29.96	5.0	09	7.0	17	14	15	13	26	
27	94	73	84	8	72	75	0	19	RA	0		0.0	T	29.86	29.97	3.2	08	5.5	23	12	21	13	27	
28	93	72	83	7	70	73	0	18		0		0.0	0.00	29.93	30.03	6.2	08	7.8	21	08	16	10	28	
29	92	67	80	4	69	72	0	15	RA	0		0.0	T	29.95	30.05	7.0	10	9.0	21	15	20	14	29	
30	90	74	82	7	73	75	0	17	TS TSRA RA FG+ FG BR	0		0.0	0.76	30.01	30.12	6.2	15	7.0	25	14	22	14	30	

91.5	72.2	81.9	☼	70.7	73.8	0.0	17.1	< MONTHLY AVERAGES TOTALS >				0.0	3.05	29.88	29.99	3.1	09	6.0	< MONTHLY AVERAGES			
2.2	3.8	3.0		-----DEPARTURE FROM NORMAL -----								-1.28	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 0.78 DATE : 03				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.18 16 1027										
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.85 13 1817										
HEATING :		0 -1		0		-1		NUMBER OF ->		MAXIMUM TEMP >= 90 : 27		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 8								
COOLING :		513 101		2843		236		DAYS WITH		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 7								
										THUNDERSTORMS : 7		HEAVY FOG : 3		SNOWFALL >= 1.0 INCH : 0								

SEPTEMBER 2007
 HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
SEPTEMBER 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	0.39	0.39	
02	0.09	0.02											02												02	0.11	0.11	
03													03	0.24	0.52	0.01	T	0.01	T					03	0.78	0.78		
04													04			0.33	T							04	0.33	0.33		
05													05	T	T									05	T	T		
06													06	T	T									06	T	T		
07													07				T	T	0.42					07	0.42	0.42		
08													08											08	0.00	0.00		
09													09											09	0.00	0.00		
10													10		T									10	T	T		
11													11											11	T	T		
12													12	T	T									12	0.24	0.24		
13													13											13	0.00	0.00		
14													14											14	0.00	0.00		
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													22											22	0.00	0.00		
23													23											23	0.00	0.00		
24													24											24	0.00	0.00		
25													25											25	0.02	0.02		
26													26	T										26	T	T		
27													27			T								27	T	T		
28													28											28	0.00	0.00		
29													29											29	T	T		
30				T	0.01	0.02	0.01	0.55	0.01				30	0.07	0.09	T								30	0.76	0.76		

* 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)	0.32	0.49	0.64	0.68	0.71	0.74	0.76	0.76	0.76	0.77	0.77	0.77
Ending Date	03	03	03	03	03	03	03	03	03	03	03	03
Ending Time (Hr/Min)	1305	1307	1307	1308	1319	1335	1341	1341	1341	1446	1446	1446

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 SEPTEMBER 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							4.00	10.00	
03							1.50	10.00	
04							7.00	10.00	
05							9.00	10.00	
06							7.00	10.00	
07							9.00	10.00	
08							0.00	10.00	
09							8.00	10.00	
10							8.00	10.00	
11							6.00	10.00	
12							2.00	10.00	
13							6.00	10.00	
14							8.00	10.00	
15							8.00	10.00	
16							8.00	10.00	
17							10.00	10.00	
18							8.00	10.00	
19							7.00	10.00	
20							7.00	10.00	
21							7.00	10.00	
22							6.00	10.00	
23							6.00	10.00	
24							5.00	10.00	
25							0.00	10.00	
26							0.50	10.00	
27							7.00	10.00	
28							7.00	10.00	
29							8.00	10.00	
30							0.50	10.00	
MONTHLY AVGS							5.78	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 22224				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY		Cloudy		Missing			
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0				>= 7.0			
2		7				17			

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

SEPTEMBER 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		
																												Observation Time (LST)	Eff Cld Amt Oktas
SUNRISE: 0558 SEP 01 SUNSET: 1845													SUNRISE: 0602 SEP 07 SUNSET: 1838																
03	BKN	070			7.00		74	71	72	90	6	35	29.85	29.96	03	BKN	250			9.00		76	74	75	94	0	00	29.85	29.96
06	BKN	250			8.00		75	71	72	87	6	01	29.86	29.96	06	SCT	250			10.00		77	74	75	91	0	00	29.88	29.98
09	OVC	100			7.00		77	73	74	88	7	04	29.89	30.00	09	BKN	250			10.00		86	77	80	75	8	17	29.91	30.02
12	OVC	120			9.00		86	66	73	51	7	04	29.90	30.01	12	SCT	250			10.00		92	74	79	56	5	VR	29.88	29.99
15	BKN	250			10.00		88	68	74	52	11	03	29.82	29.92	15	BKN	250			10.00		93	75	80	56	7	09	29.81	29.92
18	OVC	250			10.00		86	69	74	57	8	03	29.82	29.92	18	BKN	075			10.00	-RA	83	76	78	80	5	12	29.85	29.96
21	OVC	070			5.00	+RA BR	75	71	72	87	9	11	29.85	29.96	21	SCT	250			10.00		82	75	77	79	5	17	29.86	29.97
24	OVC	055			3.00	+RA BR	74	72	73	94	9	07	29.89	30.00	24	BKN	250			10.00		78	76	77	94	3	15	29.88	29.98
SUNRISE: 0559 SEP 02 SUNSET: 1844													SUNRISE: 0602 SEP 08 SUNSET: 1837																
03	OVC	250			5.00	BR	74	72	73	94	5	09	29.86	29.96	03	SCT	250			10.00		77	75	76	94	0	00	29.83	29.94
06	BKN	015			6.00	BR	74	71	72	90	6	03	29.90	30.01	06	SCT	250			5.00	MIFG	77	75	76	94	6	04	29.85	29.96
09	OVC	008			5.00	HZ	78	73	75	85	5	05	29.94	30.04	09	SCT	250			7.00		81	78	79	91	3	VR	29.87	29.98
12	BKN	250			9.00		83	73	76	72	5	10	29.94	30.05	12	SCT	250			10.00		91	76	80	62	9	04	29.85	29.96
15	OVC	250			10.00		85	73	77	67	7	11	29.89	30.00	15	BKN	250			10.00		84	75	78	74	13	11	29.80	29.91
18	OVC	250			10.00		82	74	76	77	8	12	29.89	29.99	18	SCT	130			10.00		85	76	79	75	9	16	29.81	29.91
21	OVC	250			10.00		78	74	75	88	7	10	29.94	30.05	21	FEW	250			10.00		80	75	77	85	5	16	29.83	29.93
24	OVC	250			10.00		78	74	75	88	6	12	29.95	30.06	24	FEW	250			10.00		77	75	76	94	0	00	29.83	29.94
SUNRISE: 0559 SEP 03 SUNSET: 1843													SUNRISE: 0603 SEP 09 SUNSET: 1836																
03	SCT	250			9.00		76	74	75	94	3	02	29.94	30.04	03	SCT	250			9.00		77	74	75	91	0	00	29.83	29.93
06	BKN	250			9.00		76	74	75	94	0	00	29.95	30.06	06	SCT	250			8.00		77	74	75	91	0	00	29.84	29.95
09	BKN	250			10.00		83	75	77	77	0	00	29.98	30.09	09	SCT	250			10.00		86	76	79	72	0	00	29.88	29.98
12	BKN	250			10.00		89	71	76	55	6	33	29.96	30.07	12	BKN	250			10.00		89	72	77	57	6	13	29.87	29.97
15	OVC	090			9.00	-RA	77	74	75	91	0	00	29.94	30.05	15	BKN	250			10.00		90	73	78	57	8	12	29.82	29.93
18	BKN	130			10.00		75	72	73	90	8	02	29.94	30.04	18	BKN	250			10.00		86	73	77	65	11	12	29.80	29.91
21	OVC	250			10.00		74	71	72	90	3	VR	29.94	30.05	21	FEW	250			10.00		81	74	76	79	0	00	29.85	29.96
24	BKN	250			10.00		74	71	72	90	0	00	29.93	30.03	24	SCT	250			10.00		77	74	75	91	3	33	29.87	29.97
SUNRISE: 0560 SEP 04 SUNSET: 1842													SUNRISE: 0603 SEP 10 SUNSET: 1834																
03	SCT	130			7.00		72	70	71	93	0	00	29.90	30.01	03	SCT	250			9.00		77	74	75	91	3	05	29.86	29.96
06	SCT	130			10.00		73	71	72	93	0	00	29.91	30.01	06	FEW	250			10.00		75	73	74	94	3	36	29.86	29.97
09	BKN	250			10.00		81	75	77	82	5	VR	29.94	30.05	09	SCT	250			10.00		86	74	78	68	5	04	29.90	30.01
12	BKN	250			10.00		89	74	78	61	5	VR	29.88	29.99	12	SCT	250			10.00		92	71	77	50	6	VR	29.89	29.99
15	SCT	031			10.00	-TSRA	78	74	75	88	7	28	29.85	29.96	15	SCT	250			10.00		93	66	75	41	6	35	29.82	29.92
18	BKN	130			10.00		79	75	76	88	6	07	29.83	29.94	18	SCT	080			10.00		87	73	77	63	8	13	29.82	29.93
21	OVC	250			10.00		77	74	75	91	5	12	29.85	29.95	21	FEW	250			10.00		79	73	75	82	5	17	29.86	29.97
24	OVC	250			10.00		79	75	76	88	3	16	29.82	29.93	24	BKN	250			10.00		75	71	72	87	0	00	29.86	29.96
SUNRISE: 0600 SEP 05 SUNSET: 1841													SUNRISE: 0604 SEP 11 SUNSET: 1833																
03	BKN	250			10.00		79	75	76	88	5	16	29.79	29.90	03	SCT	250			9.00		76	72	73	87	0	00	29.84	29.95
06	BKN	250			10.00		79	75	76	88	0	00	29.79	29.89	06	SCT	250			7.00		75	71	72	87	3	33	29.87	29.97
09	OVC	250			10.00		85	74	77	70	8	20	29.84	29.94	09	SCT	250			10.00		84	74	77	72	8	01	29.88	29.99
12	BKN	250			10.00		91	72	78	54	11	18	29.82	29.92	12	SCT	250			10.00		91	72	78	54	11	36	29.86	29.97
15	BKN	130			10.00		85	77	79	77	6	17	29.79	29.90	15	SCT	250			10.00		92	73	78	54	14	36	29.82	29.92
18	BKN	250			10.00		83	76	78	80	9	14	29.78	29.88	18	BKN	250			7.00		83	72	75	70	16	01	29.82	29.93
21	BKN	250			10.00		80	76	77	88	8	16	29.82	29.93	21	SCT	045			6.00	HZ	79	72	74	79	7	VR	29.88	29.99
24	BKN	250			10.00		80	76	77	88	5	16	29.84	29.94	24	BKN	250			6.00	HZ	76	71	73	85	9	01	29.86	29.96
SUNRISE: 0601 SEP 06 SUNSET: 1839													SUNRISE: 0604 SEP 12 SUNSET: 1832																
03	BKN	250			8.00		79	76	77	91	0	00	29.83	29.93	03	OVC	250			6.00	BR	75	71	72	87	9	01	29.84	29.95
06	SCT	250			7.00		76	74	75	94	0	00	29.85	29.96	06	OVC	014			8.00		76	72	73	87	11	05	29.84	29.95
09	BKN	250			10.00		86	76	79	72	8	15	29.89	29.99	09	OVC	032			2.00	RA BR	74	71	72	90	5	12	29.88	29.99
12	BKN	250			10.00		91	75	79	60	7	21	29.87	29.98	12	BKN	060			10.00		84	72	76	67	10	06	29.85	29.96
15	OVC	250			10.00		89	78	81	70	14	10	29.83	29.93	15	OVC	130			10.00		81	72	75	74	13	04	29.80	29.91
18	OVC	250			10.00		86	75	78	70	7	16	29.83	29.94	18	OVC	250			10.00		79	72	74	79	15	06	29.79	29.90
21	BKN	250			10.00		82	76	78	82	6	16	29.89	29.99	21	OVC	250			10.00		77	71	73	82	11	04	29.80	29.91
24	SCT	250			10.00		80	75	77	85	3	19	29.87	29.98	24	BKN	040			10.00		76	71	73	85	11	01	29.78	29.88

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

SEPTEMBER 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)		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
SUNRISE: 0605 SEP 13						SUNSET: 1831						SUNRISE: 0608 SEP 19						SUNSET: 1823									
03	BKN	130			10.00	75	71	72	87	9	33	29.77	29.88	03	SCT	250			8.00	76	73	74	90	0	00	29.90	30.01
06	OVC	250			9.00	75	71	72	87	6	32	29.79	29.90	06	BKN	065			8.00	76	74	75	94	3	04	29.93	30.03
09	BKN	250			10.00	80	71	74	74	10	31	29.83	29.94	09	SCT	250			10.00	86	75	78	70	11	10	29.95	30.06
12	BKN	250			10.00	85	71	75	63	10	28	29.82	29.92	12	BKN	250			10.00	90	73	78	57	9	10	29.94	30.05
15	BKN	250			10.00	87	71	76	59	9	26	29.77	29.87	15	BKN	250			10.00	92	71	77	50	13	08	29.89	29.99
18	SCT	250			10.00	86	69	74	57	3	29	29.75	29.85	18	SCT	250			10.00	85	71	75	63	14	14	29.89	29.99
21	CLR	NC			10.00	76	72	73	87	0	00	29.79	29.90	21	FEW	250			10.00	77	72	74	85	3	18	29.92	30.02
24	BKN	250			8.00	76	71	73	85	0	00	29.82	29.93	24	FEW	250			10.00	74	71	72	90	3	35	29.93	30.03
SUNRISE: 0605 SEP 14						SUNSET: 1830						SUNRISE: 0609 SEP 20						SUNSET: 1822									
03	SCT	250			8.00	74	71	72	90	0	00	29.84	29.95	03	SCT	250			8.00	73	70	71	90	0	00	29.91	30.02
06	SCT	250			8.00	73	71	72	93	0	00	29.87	29.98	06	SCT	250			7.00	70	66	67	87	3	36	29.93	30.03
09	FEW	250			10.00	84	71	75	65	7	34	29.93	30.04	09	FEW	250			10.00	80	66	71	62	6	06	29.96	30.07
12	BKN	250			10.00	89	70	76	54	7	34	29.93	30.03	12	SCT	250			10.00	89	60	70	38	14	02	29.92	30.02
15	BKN	045			10.00	93	70	77	47	8	04	29.87	29.98	15	SCT	250			10.00	89	60	70	38	8	03	29.84	29.94
18	SCT	070			10.00	86	73	77	65	11	06	29.89	30.00	18	SCT	250			10.00	83	62	70	49	8	06	29.82	29.93
21	CLR	NC			10.00	79	72	74	79	5	05	29.95	30.05	21	CLR	NC			10.00	73	64	67	74	6	12	29.84	29.95
24	SCT	250			10.00	76	72	73	87	0	00	29.97	30.08	24	FEW	250			10.00	69	64	66	84	0	00	29.84	29.95
SUNRISE: 0606 SEP 15						SUNSET: 1828						SUNRISE: 0609 SEP 21						SUNSET: 1821									
03	SCT	250			9.00	76	72	73	87	0	00	29.98	30.09	03	SCT	250			10.00	67	63	65	87	0	00	29.84	29.95
06	SCT	250			10.00	74	71	72	90	0	00	30.01	30.12	06	FEW	250			8.00	66	63	64	90	3	33	29.86	29.97
09	SCT	250			10.00	84	71	75	65	10	06	30.05	30.15	09	FEW	250			10.00	80	67	71	65	6	36	29.89	30.00
12	SCT	044			10.00	90	69	76	50	6	VR	30.03	30.15	12	SCT	250			10.00	88	58	69	36	5	VR	29.85	29.96
15	SCT	049			10.00	91	67	75	45	8	06	29.98	30.09	15	SCT	250			10.00	90	58	70	34	8	06	29.78	29.88
18	FEW	050			10.00	85	66	72	53	9	06	29.98	30.09	18	SCT	250			10.00	83	60	68	46	5	19	29.78	29.88
21	FEW	065			10.00	76	68	71	76	7	10	30.02	30.13	21	SCT	250			10.00	72	64	67	76	0	00	29.82	29.93
24	FEW	070			10.00	74	68	70	82	8	10	30.01	30.11	24	CLR	NC			9.00	70	64	66	81	0	00	29.82	29.93
SUNRISE: 0606 SEP 16						SUNSET: 1827						SUNRISE: 0610 SEP 22						SUNSET: 1820									
03	CLR	NC			9.00	71	67	68	87	0	00	30.00	30.10	03	CLR	NC			7.00	67	65	66	93	0	00	29.82	29.92
06	CLR	NC			10.00	68	64	66	87	9	08	30.01	30.12	06	CLR	NC		BR	6.00	67	64	65	90	0	00	29.84	29.95
09	FEW	250			10.00	77	58	65	52	11	12	30.06	30.17	09	CLR	NC			9.00	81	68	72	65	8	31	29.89	29.99
12	CLR	NC			10.00	86	59	69	40	5	05	30.03	30.14	12	FEW	055			10.00	91	61	71	37	6	VR	29.86	29.97
15	CLR	NC			10.00	89	64	72	44	10	10	29.95	30.06	15	BKN	250			10.00	93	61	72	34	3	VR	29.80	29.91
18	FEW	250			10.00	83	66	72	57	9	10	29.93	30.04	18	BKN	250			10.00	82	65	71	56	5	09	29.80	29.91
21	CLR	NC			10.00	74	67	69	79	3	28	29.96	30.06	21	BKN	250			8.00	76	65	69	69	0	00	29.83	29.94
24	CLR	NC			10.00	72	67	69	84	0	00	29.96	30.07	24	BKN	250			9.00	78	64	69	62	6	25	29.84	29.95
SUNRISE: 0607 SEP 17						SUNSET: 1826						SUNRISE: 0610 SEP 23						SUNSET: 1818									
03	CLR	NC			10.00	69	66	67	90	0	00	29.94	30.05	03	BKN	250			9.00	74	65	68	74	6	25	29.81	29.92
06	FEW	250			10.00	68	64	66	87	0	00	29.96	30.07	06	OVC	250			9.00	75	66	69	74	0	00	29.84	29.95
09	FEW	250			10.00	80	66	71	62	8	09	29.98	30.09	09	BKN	250			10.00	81	65	71	58	0	00	29.89	30.00
12	FEW	030			10.00	90	67	74	47	10	09	29.94	30.05	12	OVC	250			9.00	86	63	71	46	6	16	29.88	29.98
15	SCT	250			10.00	90	66	74	45	10	12	29.89	30.00	15	BKN	250			7.00	89	65	73	45	5	16	29.82	29.92
18	FEW	250			10.00	83	68	73	61	11	13	29.88	29.99	18	BKN	250			8.00	83	67	72	59	13	14	29.82	29.93
21	CLR	NC			10.00	76	67	70	74	7	13	29.91	30.02	21	SCT	250			7.00	78	68	71	71	0	00	29.85	29.96
24	CLR	NC			10.00	71	67	68	87	7	10	29.92	30.03	24	FEW	250			6.00	72	68	69	87	0	00	29.86	29.97
SUNRISE: 0607 SEP 18						SUNSET: 1825						SUNRISE: 0611 SEP 24						SUNSET: 1817									
03	FEW	250			9.00	70	67	68	90	0	00	29.90	30.01	03	CLR	NC			6.00	71	68	69	90	3	02	29.85	29.96
06	BKN	250			8.00	71	68	69	90	3	35	29.91	30.02	06	SCT	250			5.00	71	67	68	87	3	35	29.87	29.98
09	SCT	250			10.00	82	69	73	65	9	10	29.93	30.04	09	FEW	250			10.00	81	73	75	77	8	05	29.91	30.02
12	SCT	034			10.00	90	73	78	57	8	14	29.93	30.03	12	BKN	250			10.00	88	68	74	52	8	12	29.89	30.00
15	BKN	250			10.00	92	69	76	47	10	13	29.86	29.97	15	BKN	250			10.00	90	69	76	50	8	10	29.84	29.94
18	SCT	250			10.00	86	74	78	68	10	14	29.86	29.97	18	BKN	250			10.00	85	71	75	63	6	18	29.82	29.93
21	SCT	250			10.00	79	74	76	85	7	13	29.90	30.00	21	BKN	250			10.00	79	73	75	82	6	12	29.88	29.98
24	BKN	250			10.00	77	74	75	91	7	11	29.93	30.03	24	SCT	250			10.00	76	72	73	87	7	09	29.88	29.98

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
SEPTEMBER 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
SUNRISE: 0611						SEP 25						SUNSET: 1816					
03	SCT	250				74	71	72	90	0	00	29.86	29.97				
06	VV	001			FG	75	73	74	94	5	02	29.88	29.98				
09	BKN	075				78	75	76	91	7	03	29.92	30.03				
12	BKN	250				87	72	77	61	8	07	29.90	30.01				
15	BKN	250				88	70	76	55	13	12	29.85	29.96				
18	SCT	250				83	73	76	72	11	10	29.85	29.95				
21	SCT	080				78	73	75	85	7	12	29.90	30.01				
24	SCT	080				76	73	74	90	7	05	29.89	30.00				
SUNRISE: 0612						SEP 26						SUNSET: 1815					
03	SCT	030				75	73	74	94	3	06	29.86	29.97				
06	BKN	250				74	72	73	94	5	36	29.88	29.98				
09	OVC	020			HZ	79	74	76	85	5	06	29.91	30.01				
12	BKN	250				89	73	78	59	9	06	29.88	29.99				
15	BKN	250				91	70	76	50	7	13	29.81	29.92				
18	SCT	250				84	73	76	70	11	14	29.83	29.93				
21	SCT	250				78	73	75	85	8	12	29.86	29.96				
24	SCT	250				76	73	74	90	3	10	29.86	29.96				
SUNRISE: 0612						SEP 27						SUNSET: 1813					
03	SCT	250				75	73	74	94	3	02	29.84	29.95				
06	SCT	250				74	72	73	94	3	01	29.85	29.96				
09	SCT	250				86	75	78	70	5	36	29.89	30.00				
12	BKN	250				90	71	77	54	6	VR	29.87	29.97				
15	BKN	250				86	71	76	61	15	12	29.82	29.93				
18	BKN	250				82	70	74	67	10	11	29.84	29.95				
21	SCT	250				76	72	73	87	5	11	29.88	29.98				
24	SCT	250				74	72	73	94	0	00	29.90	30.01				
SUNRISE: 0613						SEP 28						SUNSET: 1812					
03	SCT	250				74	71	72	90	0	00	29.91	30.01				
06	SCT	250				73	69	70	87	5	01	29.95	30.05				
09	BKN	250				82	71	74	69	9	05	29.98	30.09				
12	BKN	250				90	70	76	52	10	10	29.97	30.07				
15	SCT	250				92	67	75	44	14	10	29.90	30.00				
18	SCT	250				85	67	73	55	10	12	29.90	30.01				
21	SCT	250				78	72	74	82	5	16	29.93	30.04				
24	FEW	250				73	70	71	90	6	03	29.92	30.03				
SUNRISE: 0614						SEP 29						SUNSET: 1811					
03	FEW	250				70	64	66	81	9	10	29.93	30.03				
06	FEW	250				69	63	65	81	6	03	29.95	30.05				
09	SCT	250				81	66	71	60	8	05	29.98	30.09				
12	SCT	250				88	70	76	55	9	12	29.96	30.07				
15	BKN	250				87	70	75	57	13	14	29.92	30.03				
18	OVC	250				81	71	74	72	9	15	29.94	30.05				
21	BKN	250				75	71	72	87	9	06	29.94	30.05				
24	BKN	250				76	73	74	90	7	12	29.96	30.06				
SUNRISE: 0614						SEP 30						SUNSET: 1810					
03	BKN	250			-RA	77	74	75	91	7	12	29.96	30.07				
06	BKN	100				76	74	75	94	5	12	30.00	30.11				
09	BKN	250				78	74	75	88	6	13	30.03	30.15				
12	BKN	250				88	72	77	59	8	17	30.02	30.13				
15	BKN	250				85	73	77	67	8	17	30.00	30.11				
18	BKN	250				81	74	76	79	8	14	30.01	30.12				
21	FEW	250				77	74	75	91	3	17	30.03	30.14				
24	SCT	250			BR	76	73	74	90	3	10	30.03	30.14				

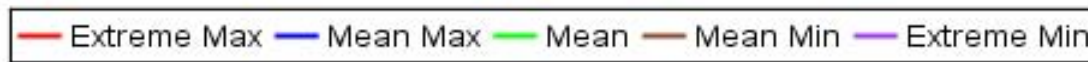
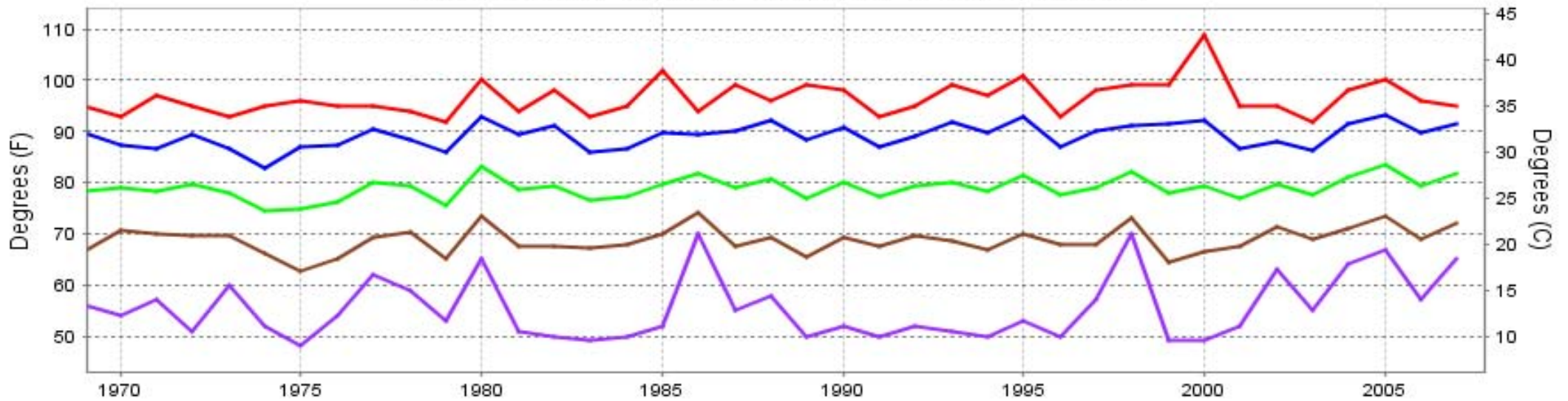
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)	
			Observation Time (LST)	Eff Cl'd Amt Oktas		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION

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

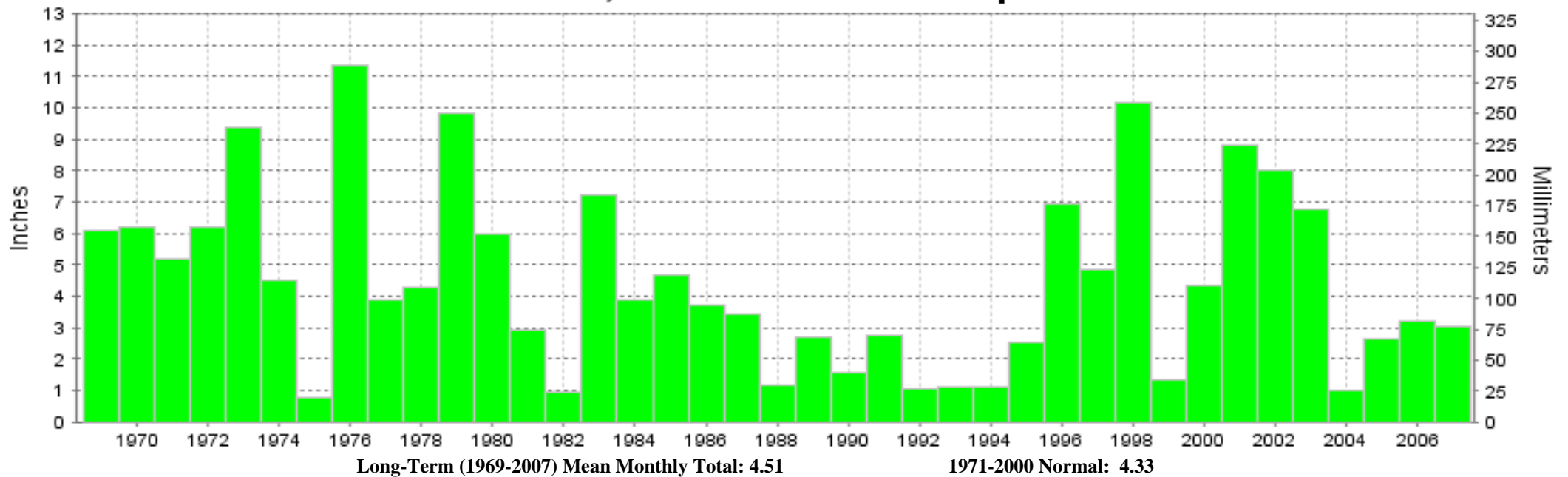
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			74	71	72	89	29.88	29.98	9.21	3	2	07
02			74	71	72	89	29.87	29.98	8.97	3	2	07
03			74	71	72	90	29.87	29.98	8.50	2	2	06
04			74	71	72	90	29.87	29.98	8.13	3	1	05
05			74	70	72	90	29.88	29.99	8.17	4	1	07
06			74	70	71	90	29.89	30.00	7.95	3	2	07
07			75	71	72	88	29.91	30.01	7.57	4	3	08
08			78	72	74	81	29.92	30.03	8.28	5	2	08
09			82	72	75	73	29.93	30.03	9.00	7	3	08
10			85	71	76	63	29.93	30.04	9.60	7	4	08
11			87	70	76	58	29.92	30.03	9.83	7	4	08
12			89	70	76	54	29.91	30.01	9.87	8	4	08
13			88	70	76	56	29.89	30.00	9.42	10	7	09
14			88	70	76	56	29.87	29.98	9.93	10	6	09
15			88	70	76	56	29.85	29.96	9.83	9	6	09
16			87	70	75	58	29.85	29.95	9.77	10	6	09
17			86	70	75	59	29.85	29.95	10.00	9	6	09
18			83	71	75	67	29.85	29.96	9.83	9	6	09
19			80	71	74	75	29.86	29.96	9.83	8	5	09
20			79	72	74	79	29.87	29.98	9.60	6	4	08
21			77	71	73	82	29.89	29.99	9.43	5	4	08
22			77	71	73	84	29.89	30.00	9.47	5	3	08
23			76	71	73	86	29.89	30.00	9.43	4	3	08
24			75	71	73	87	29.89	30.00	9.13	4	3	08

HOUSTON, TX SEPTEMBER Temperatures



Long-Term (1969-2007) Mean: 79.0
1971-2000 Normal: 78.9

HOUSTON, TX SEPTEMBER Precipitation

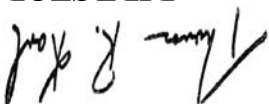




SEPTEMBER 2007
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.


DIRECTOR

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost for online delivery (including back issues) is significantly less than the cost for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov and choose subscriptions.

We welcome your questions or comments, please contact us at:

Toll Free Number (866) 742-3322 (voice)

Fax Number : (304) 726-4409

TDD : (828) 271-4010

or Email : ncdc.info@noaa.gov

Local Climatological Data is available at www.ncdc.noaa.gov

United States
Department of Commerce

National Oceanic and
Atmospheric Administration

National Environmental Satellite
Atmospheric Administration

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS, PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19