



# FEBRUARY 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														
									DEPTH 11	WATER- EQUIV 12	SNOW- FALL 13	WATER EQUIV 14					SPEED 20	DIR 21	SPEED 22	DIR 23															
01	57	44	51	-2	45	47	14	0	RA BR	0		0.0	0.12	29.68	29.79	3.5	04	4.7	16	36	15	01	01												
02	52	37	45	-8	36	41	20	0	RA BR	0		0.0	T	30.03	30.10	8.1	34	8.8	22	36	17	36	02												
03	53	33	43	-10	32	38	22	0		0		0.0	0.00	30.22	30.32	1.6	13	4.5	13	21	10	20	03												
04	65	37	51	-2	40	45	14	0	BR	0		0.0	0.00	30.25	30.36	2.3	13	3.5	13	12	10	13	04												
05	67	37	52	-1	37	44	13	0	MIFG BR	0		0.0	0.00	30.29	30.41	2.0	12	2.4	14	10	12	10	05												
06	71	38	55	1	48	51	10	0	BR	0		0.0	0.00	30.17	30.31	5.1	17	5.5	20	16	16	16	06												
07	76	45	61	7	56	58	4	0	BR HZ	0		0.0	0.00	30.01	30.14	4.9	18	5.3	18	18	16	17	07												
08	77	58	68	14	60	62	0	3	RA BR HZ	0		0.0	0.03	30.00	30.12	0.7	23	5.3	15	33	13	33	08												
09	58	46	52	-2	47	50	13	0	RA BR	0		0.0	0.02	30.09	30.19	9.7	36	10.0	22	04	17	36	09												
10	48	42	45	-9	37	42	20	0		0		0.0	0.00	30.17	30.28	8.1	02	8.3	20	01	17	02	10												
11	56	45	51	-4	41	46	14	0	RA DZ	0		0.0	T	30.05	30.19	6.5	08	7.9	17	11	14	11	11												
12	67	55	61	6	59	61	4	0	TSRA RA BR	0		0.0	0.63	29.75	29.90	6.7	15	8.6	22	13	18	14	12												
13	63	39	51	-4	43	48	14	0	BR	0		0.0	0.00	29.83	29.93	11.6	32	14.2	30	33	25	31	13												
14	48	37	43	-12	29	36	22	0		0		0.0	0.00	30.06	30.15	12.4	36	12.8	25	01	20	36	14												
15	47	32	40	-15	25	33	25	0		0		0.0	0.00	30.22	30.32	10.5	35	10.8	25	32	20	33	15												
16	50	26*	38*	-18	22	32	27	0		0		0.0	0.00	30.17	30.30	0.3	19	5.5	16	17	14	14	16												
17	67	33	50	-6	28	41	15	0		0		0.0	0.00	30.14	30.24	8.9	33	9.9	37*	31	29	33	17												
18	64	34	49	-7	27	40	16	0		0		0.0	0.00	30.26	30.38	1.8	22	5.2	18	14	16	14	18												
19	69	38	54	-2	47	52	11	0		0		0.0	0.00	29.93	30.09	8.4	17	8.6	28	17	21	17	19												
20	73	57	65	9	59	61	0	0	RA MIFG BR	0		0.0	T	29.82	29.94	3.5	18	4.5	16	16	13	16	20												
21	81	58	70	13	56	62	0	5	RA MIFG BR	0		0.0	0.13	29.91	30.01	4.6	20	6.0	18	17	16	17	21												
22	82*	53	68	11	57	61	0	3	FG+ BR HZ	0		0.0	0.00	30.01	30.12	4.8	14	5.9	21	14	17	13	22												
23	71	59	65	8	60	61	0	0	RA FG BR HZ	0		0.0	T	29.83	29.97	11.8	13	12.2	33	14	30*	14	23												
24	80	55	68	11	54	62	0	3	RA BR	0		0.0	0.22	29.62	29.73	7.2	20	11.3	29	21	22	21	24												
25	72	45	59	1	34	48	6	0		0		0.0	0.00	29.83	29.94	4.2	32	5.4	21	33	18	34	25												
26	80	41	61	3	44	53	4	0		0		0.0	0.00	29.70	29.82	4.4	21	5.6	23	24	17	21	26												
27	80	50	65	7	58	60	0	0	FG+ BCFG BR HZ	0		0.0	0.00	29.77	29.88	6.6	14	7.3	22	15	17	12	27												
28	76	63	70*	12	64	66	0	5	BR HZ	0		0.0	T	29.59	29.73	9.9	15	10.4	23	16	18	16	28												
										66.1		44.2		55.2		☼	44.5		50.0		10.3		0.7		< MONTHLY AVERAGES   TOTALS >										
										-0.4		-0.1		-0.2			<-----DEPARTURE FROM NORMAL----->																		
																										SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
																										GREATEST 24-HR PRECIPITATION : 0.63 DATE : 12									
																										GREATEST 24-HR SNOWFALL : 0.0 DATE :									
																										GREATEST SNOW DEPTH : 0 DATE :									
																												SEA LEVEL PRESSURE DATE TIME							
																												MAXIMUM : 30.50 18 1021							
																												MINIMUM : 29.62 28 2253							
																														PRECIPITATION >= 0.01 INCH: 6					
																														PRECIPITATION >= 0.10 INCH: 4					
																														SNOWFALL >= 1.0 INCH : 0					
																														HEATING : 288 -10 1201 -118					
																														COOLING : 19 -2 28 -8					
																														NUMBER OF -> DAYS WITH					
																														MAXIMUM TEMP >= 90 : 0					
																														MINIMUM TEMP <= 32 : 2					
																																PRECIPITATION >= 0.01 INCH: 6			
																																PRECIPITATION >= 0.10 INCH: 4			
																																THUNDERSTORMS : 1			
																																HEAVY FOG : 2			

FEBRUARY 2007  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
FEBRUARY 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									0.09	0.03	T		01												01	0.12	0.12	
02						T							02												02	T	T	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08									T	0.03			08						T					08	0.03	0.03		
09						T	T	T	0.02				09			T								09	0.02	0.02		
10													10											10	0.00	0.00		
11				T	T								11								T	T		11	T	T		
12											0.13	0.02	12	0.17	0.18	0.09	T	T	0.04	T	T		12	0.63	0.63			
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											T	T	20			T							T	20	T	T		
21	0.01	0.05	0.03	T	0.04								21											21	0.13	0.13		
22													22											22	0.00	0.00		
23													23					T					T	23	T	T		
24	0.02	0.01	T	0.01	T	T	0.01	0.07	0.03	0.01	T	0.05	24	0.01									T	24	0.22	0.22		
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	T	T		

\* 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)	0.09	0.11	0.12	0.15	0.17	0.23	0.27	0.33	0.35	0.40	0.44	0.44
Ending Date	12	12	12	12	12	12	12	12	12	12	12	12
Ending Time (Hr/Min)	1025	1030	1247	1250	1258	1317	1332	1351	1410	1429	1456	1456

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 FEBRUARY 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							0.25	10.00	
02							4.00	10.00	
03							8.00	10.00	
04							5.00	10.00	
05							5.00	10.00	
06							6.00	10.00	
07							2.00	10.00	
08							1.00	10.00	
09							0.25	10.00	
10							1.00	10.00	
11							9.00	10.00	
12							1.00	10.00	
13							6.00	10.00	
14							7.00	10.00	
15							9.00	10.00	
16							10.00	10.00	
17							7.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							6.00	10.00	
21							5.00	10.00	
22							0.12	10.00	
23							0.50	10.00	
24							0.50	10.00	
25							1.00	10.00	
26							8.00	10.00	
27							0.25	10.00	
28							2.50	8.00	
MONTHLY AVGS							4.48	9.93	
<b>SUNSHINE (Minutes)</b>									
Total : 0                      Possible : 18712									
Percent Possible : 0									
<b>NUMBER OF DAYS WITH :</b>									
SKY CONDITION									
Clear    Partly CLDY            Cloudy            Missing									
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25                      <= 3.0                      >= 7.0									
4                                      12                                      9									

## OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

FEBRUARY 2007

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
			SUNRISE: 0712		FEB 01		SUNSET: 1758								SUNRISE: 0708		FEB 07		SUNSET: 1803										
03	OVC	004			6.00	BR	44	42	43	93	7	09	29.72	29.83	03	CLR	NC			6.00	BR	55	53	54	93	0	00	30.06	30.17
06	OVC	002			0.25	BR	44	43	44	96	9	01	29.68	29.79	06	SCT	001			2.00	BR	48	47	48	96	0	00	30.05	30.16
09	OVC	006			2.50	+RA BR	45	43	44	93	5	35	29.70	29.81	09	FEW	015			2.50	BR	58	57	57	97	0	00	30.08	30.19
12	OVC	048			7.00		49	45	47	86	6	08	29.67	29.78	12	BKN	250			10.00		72	57	63	59	5	19	30.05	30.16
15	OVC	041			10.00		53	47	50	80	3	VR	29.60	29.71	15	BKN	120			10.00		75	58	65	56	6	22	29.95	30.06
18	BKN	250			10.00		54	47	50	77	0	00	29.65	29.76	18	SCT	060			10.00		69	61	64	76	10	16	29.95	30.06
21	OVC	040			10.00		54	49	51	83	0	00	29.73	29.84	21	BKN	047			10.00		66	62	64	87	10	17	29.98	30.09
24	SCT	020			8.00		48	45	47	89	5	02	29.74	29.85	24	OVC	030			10.00		65	62	63	90	6	17	29.98	30.10
			SUNRISE: 0711		FEB 02		SUNSET: 1759								SUNRISE: 0707		FEB 08		SUNSET: 1804										
03	OVC	025			10.00		48	43	46	83	6	32	29.78	29.89	03	BKN	048			7.00	BR	65	62	63	90	3	19	29.98	30.09
06	OVC	013			4.00	BR	43	41	42	93	10	34	29.89	30.00	06	BKN	008			5.00	BR	62	61	61	97	0	00	30.00	30.11
09	OVC	015			10.00		42	37	40	83	9	34	30.00	30.11	09	OVC	012			2.00	BR	65	63	64	93	3	13	30.05	30.16
12	OVC	030			10.00		46	35	41	66	7	35	30.01	30.12	12	BKN	070			10.00		73	61	66	66	7	VR	30.03	30.15
15	BKN	250			10.00		51	35	44	54	16	35	29.97	30.08	15	BKN	130			10.00		75	61	66	62	10	15	29.96	30.06
18	BKN	250			10.00		47	33	41	58	9	33	30.03	30.15	18	BKN	130			10.00		70	61	65	73	8	32	29.98	30.08
21	BKN	250			10.00		42	33	38	71	3	01	30.13	30.24	21	FEW	055			9.00	BR	62	56	59	81	6	33	30.03	30.14
24	SCT	250			10.00		38	29	34	70	5	33	30.21	30.32	24	OVC	130			5.00	BR	58	55	56	90	7	33	30.02	30.13
			SUNRISE: 0710		FEB 03		SUNSET: 1800								SUNRISE: 0706		FEB 09		SUNSET: 1804										
03	SCT	250			10.00		35	28	32	76	5	01	30.21	30.32	03	OVC	003			0.25	BR	55	54	54	96	6	01	30.01	30.12
06	SCT	250			10.00		33	29	31	85	5	03	30.24	30.35	06	OVC	002			0.25	-RA BR	53	51	52	93	10	35	30.03	30.14
09	BKN	250			9.00		37	30	34	76	6	12	30.27	30.39	09	OVC	003			0.50	BR	52	50	51	93	10	35	30.09	30.20
12	OVC	250			9.00		49	29	41	46	5	13	30.26	30.37	12	OVC	007			5.00	BR	51	47	49	86	10	36	30.10	30.21
15	OVC	250			10.00		53	27	42	37	8	18	30.19	30.30	15	OVC	015			10.00		54	46	50	75	9	33	30.06	30.17
18	OVC	250			10.00		51	30	42	45	3	18	30.19	30.31	18	OVC	015			10.00		51	44	48	77	14	36	30.10	30.21
21	BKN	250			8.00		42	38	40	86	6	16	30.21	30.32	21	OVC	037			10.00		48	42	45	80	9	36	30.14	30.25
24	BKN	250			8.00		40	37	39	89	0	00	30.21	30.32	24	OVC	028			10.00		46	38	42	74	13	01	30.16	30.27
			SUNRISE: 0710		FEB 04		SUNSET: 1800								SUNRISE: 0706		FEB 10		SUNSET: 1805										
03	OVC	250			5.00	BR	39	37	38	93	0	00	30.22	30.33	03	OVC	035			10.00		44	36	41	74	11	03	30.16	30.28
06	BKN	250			5.00	BR	38	37	38	96	0	00	30.22	30.34	06	OVC	040			10.00		43	35	40	73	10	02	30.19	30.31
09	OVC	150			9.00		43	39	41	86	5	11	30.29	30.40	09	OVC	023			8.00		43	34	39	71	11	02	30.22	30.34
12	BKN	250			9.00		57	43	50	60	5	VR	30.29	30.41	12	OVC	029			8.00		46	36	42	68	9	02	30.21	30.32
15	SCT	250			10.00		63	41	52	45	6	17	30.22	30.33	15	OVC	021			9.00		47	37	43	68	7	03	30.14	30.26
18	SCT	250			10.00		56	43	50	62	6	11	30.21	30.32	18	OVC	022			9.00		46	37	42	71	7	02	30.16	30.27
21	BKN	250			10.00		50	43	47	77	5	13	30.27	30.38	21	OVC	250			10.00		45	37	41	74	0	00	30.18	30.29
24	BKN	250			6.00	BR	42	40	41	93	3	01	30.27	30.40	24	OVC	060			10.00		46	37	42	71	0	00	30.16	30.27
			SUNRISE: 0709		FEB 05		SUNSET: 1801								SUNRISE: 0705		FEB 11		SUNSET: 1806										
03	BKN	250			6.00	BR	42	41	42	96	0	00	30.27	30.38	03	OVC	035			10.00		46	37	42	71	6	02	30.14	30.25
06	SCT	250			6.00	BR	38	37	38	96	0	00	30.30	30.42	06	OVC	035			10.00		46	37	42	71	5	01	30.13	30.24
09	SCT	250			10.00		47	43	45	86	0	00	30.35	30.46	09	OVC	033			10.00		47	37	43	68	9	07	30.14	30.25
12	SCT	250			10.00		62	33	49	34	0	00	30.34	30.45	12	OVC	027			10.00		52	38	45	59	9	10	30.11	30.23
15	BKN	250			10.00		66	35	51	32	0	00	30.27	30.39	15	OVC	018			10.00		55	42	49	62	8	12	30.03	30.15
18	SCT	250			10.00		59	31	46	35	8	11	30.27	30.38	18	OVC	016			10.00		54	44	49	69	9	12	30.03	30.14
21	SCT	250			10.00		51	36	44	57	6	15	30.29	30.41	21	OVC	015			9.00	-DZ	53	47	50	80	10	11	30.03	30.14
24	CLR	NC			10.00		41	37	39	86	0	00	30.29	30.40	24	OVC	013			10.00		55	48	51	77	8	12	29.96	30.07
			SUNRISE: 0708		FEB 06		SUNSET: 1802								SUNRISE: 0704		FEB 12		SUNSET: 1807										
03	SCT	250			10.00		39	36	38	89	0	00	30.26	30.37	03	OVC	007			8.00		59	56	57	90	13	13	29.90	30.01
06	SCT	250			10.00		39	37	38	93	0	00	30.24	30.36	06	OVC	060			7.00		60	57	58	90	10	13	29.87	29.98
09	SCT	250			10.00		50	46	48	86	0	00	30.27	30.39	09	OVC	080			8.00		64	59	61	84	15	13	29.86	29.97
12	BKN	250			10.00		63	52	57	68	11	15	30.24	30.36	12	OVC	012			3.00	-RA BR	64	62	63	93	11	13	29.81	29.92
15	BKN	250			10.00		69	51	59	53	11	17	30.14	30.26	15	OVC	020			2.50	-RA BR	66	64	65	93	6	VR	29.70	29.81
18	SCT	250			10.00		65	54	59	68	10	16	30.11	30.24	18	OVC	021			5.00	-RA BR	67	64	65	90	6	VR	29.66	29.76
21	SCT	250			10.00		59	55	57	87	7	17	30.14	30.25	21	SCT	025			9.00		64	61	62	90	5	24	29.70	29.81
24	FEW	250			6.00	BR	57	54	55	90	0	00	30.11	30.22	24	FEW	016			7.00		63	60	61	90	6	20	29.68	29.79

# OBSERVATIONS AT 3-HOURLY INTERVALS

## HOUSTON, TX FEBRUARY 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)			
			Observation Time (LST)	Eff Cld Amt Okta			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
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 Okta			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
			<b>SUNRISE: 0703</b>		<b>FEB 13</b>			<b>SUNSET: 1808</b>						
03	FEW	013			6.00	BR	59	56	57	90	8	22	29.67	29.77
06	CLR	NC			9.00		57	54	55	90	7	25	29.70	29.80
09	FEW	020			10.00		53	43	48	69	16	30	29.81	29.91
12	OVC	023			10.00		56	45	50	67	16	32	29.86	29.97
15	OVC	025			10.00		53	41	47	64	18	31	29.84	29.95
18	BKN	250			10.00		49	37	44	63	17	36	29.85	29.96
21	FEW	250			10.00		44	32	39	63	17	35	29.94	30.05
24	CLR	NC			9.00		39	29	35	67	17	36	29.95	30.06
			<b>SUNRISE: 0702</b>		<b>FEB 14</b>			<b>SUNSET: 1808</b>						
03	OVC	026			10.00		39	28	35	65	11	34	30.00	30.11
06	OVC	025			10.00		38	28	34	67	16	34	30.03	30.14
09	OVC	024			10.00		38	27	34	65	11	36	30.10	30.21
12	OVC	030			10.00		42	27	36	55	16	03	30.09	30.20
15	BKN	085			10.00		47	29	40	50	9	03	30.01	30.12
18	BKN	250			10.00		41	27	36	58	11	02	30.02	30.13
21	OVC	031			10.00		39	27	34	62	9	01	30.11	30.22
24	BKN	031			10.00		37	27	33	67	10	34	30.11	30.22
			<b>SUNRISE: 0701</b>		<b>FEB 15</b>			<b>SUNSET: 1809</b>						
03	SCT	250			9.00		34	26	31	73	11	34	30.14	30.26
06	BKN	250			10.00		33	24	30	70	16	35	30.14	30.25
09	SCT	250			10.00		37	25	33	62	9	34	30.24	30.35
12	BKN	130			10.00		43	27	37	53	11	35	30.24	30.36
15	SCT	250			10.00		46	27	38	48	11	01	30.18	30.29
18	BKN	250			10.00		43	25	36	49	13	34	30.21	30.32
21	SCT	250			10.00		35	22	30	59	13	36	30.29	30.41
24	FEW	250			10.00		32	22	29	67	7	34	30.32	30.43
			<b>SUNRISE: 0700</b>		<b>FEB 16</b>			<b>SUNSET: 1810</b>						
03	CLR	NC			10.00		29	20	26	69	6	34	30.29	30.40
06	CLR	NC			10.00		27	19	24	72	6	34	30.32	30.45
09	FEW	250			10.00		31	18	27	59	6	05	30.34	30.45
12	CLR	NC			10.00		39	17	31	41	3	VR	30.27	30.39
15	CLR	NC			10.00		47	18	36	31	5	23	30.13	30.24
18	CLR	NC			10.00		48	22	38	36	5	20	30.06	30.17
21	CLR	NC			10.00		42	28	36	58	9	17	30.03	30.15
24	CLR	NC			10.00		40	31	36	70	0	00	30.05	30.16
			<b>SUNRISE: 0660</b>		<b>FEB 17</b>			<b>SUNSET: 1811</b>						
03	FEW	250			9.00		33	30	32	89	0	00	30.00	30.11
06	CLR	NC			8.00		40	35	38	82	3	VR	30.02	30.13
09	FEW	250			10.00		49	39	44	69	13	28	30.08	30.19
12	FEW	250			10.00		62	33	48	34	15	32	30.10	30.22
15	FEW	250			10.00		66	26	48	22	18	34	30.09	30.20
18	FEW	250			10.00		60	22	44	23	20	33	30.14	30.26
21	CLR	NC			10.00		53	21	40	29	14	34	30.27	30.38
24	CLR	NC			10.00		47	20	37	34	5	29	30.34	30.45
			<b>SUNRISE: 0659</b>		<b>FEB 18</b>			<b>SUNSET: 1812</b>						
03	CLR	NC			10.00		41	23	34	49	6	29	30.34	30.45
06	CLR	NC			10.00		36	25	32	64	3	25	30.35	30.47
09	FEW	250			10.00		48	27	39	44	5	36	30.38	30.50
12	CLR	NC			10.00		56	24	43	29	0	00	30.35	30.46
15	SCT	250			10.00		63	23	46	22	5	VR	30.22	30.34
18	SCT	250			10.00		59	23	44	25	3	21	30.19	30.30
21	FEW	250			10.00		50	33	43	52	8	17	30.19	30.31
24	FEW	150			10.00		47	34	41	61	5	17	30.14	30.26
			<b>SUNRISE: 0658</b>		<b>FEB 19</b>			<b>SUNSET: 1812</b>						
03	FEW	150			10.00		39	35	37	86	3	15	30.09	30.20
06	FEW	250			10.00		43	38	41	83	3	14	30.03	30.15
09	SCT	250			10.00		56	47	51	72	6	15	30.05	30.16
12	BKN	250			10.00		68	49	58	51	16	18	30.00	30.11
15	OVC	055			10.00		69	52	59	55	14	18	29.90	30.01
18	BKN	047			10.00		68	54	60	61	13	17	29.87	29.98
21	SCT	035			10.00		64	57	60	78	8	18	29.89	30.00
24	BKN	130			10.00		62	57	59	84	5	18	29.88	29.98
			<b>SUNRISE: 0657</b>		<b>FEB 20</b>			<b>SUNSET: 1813</b>						
03	BKN	250			10.00		62	58	60	87	8	17	29.84	29.95
06	OVC	250			7.00	MIFG	58	57	57	97	0	00	29.84	29.94
09	OVC	250			6.00	BR	64	60	62	87	0	00	29.87	29.98
12	OVC	100			10.00		69	61	64	76	5	23	29.87	29.97
15	OVC	130			10.00		72	61	65	68	7	VR	29.77	29.88
18	OVC	130			10.00		69	61	64	76	7	17	29.76	29.87
21	OVC	250			10.00		67	62	64	84	5	18	29.79	29.90
24	OVC	110			8.00	-RA	65	62	63	90	5	19	29.86	29.96
			<b>SUNRISE: 0656</b>		<b>FEB 21</b>			<b>SUNSET: 1814</b>						
03	OVC	090			7.00	-RA	65	63	64	93	13	17	29.84	29.95
06	OVC	250			8.00		64	61	62	90	3	20	29.84	29.95
09	SCT	250			10.00		65	61	63	87	5	VR	29.92	30.03
12	FEW	080			10.00		76	54	63	47	9	22	29.94	30.05
15	FEW	040			10.00		80	50	63	35	6	22	29.89	30.00
18	FEW	070			10.00		76	50	61	40	0	00	29.90	30.01
21	CLR	NC			10.00		68	57	62	68	8	16	29.96	30.07
24	CLR	NC			10.00		59	57	58	93	3	16	30.00	30.11
			<b>SUNRISE: 0655</b>		<b>FEB 22</b>			<b>SUNSET: 1815</b>						
03	VV	001			0.25	FG	61	60	60	97	3	17	30.00	30.10
06	OVC	001			0.12	FG	62	61	61	97	3	21	30.02	30.13
09	OVC	003			1.50	BR	62	60	61	93	3	26	30.09	30.20
12	BKN	250			10.00		76	59	66	56	3	VR	30.06	30.18
15	BKN	250			10.00		81	45	61	28	8	10	29.97	30.08
18	BKN	250			10.00		71	54	61	55	16	14	29.98	30.09
21	OVC	130			2.50	BR	60	58	59	93	6	12	30.03	30.14
24	OVC	002			0.50	BR	60	59	59	97	10	15	30.00	30.11
			<b>SUNRISE: 0654</b>		<b>FEB 23</b>			<b>SUNSET: 1815</b>						
03	OVC	001			0.50	BR	59	58	58	97	8	15	29.94	30.05
06	OVC	002			0.50	BR	59	58	58	97	6	07	29.94	30.05
09	OVC	004			1.00	BR	61	59	60	93	9	11	29.96	30.07
12	OVC	010			8.00		67	61	63	81	16	12	29.93	30.04
15	OVC	018			10.00		69	58	62	68	16	13	29.82	29.93
18	OVC	022			8.00		63	60	61	90	16	13	29.78	29.89
21	OVC	004			3.00	BR	65	62	63	90	26	14	29.68	29.79
24	OVC	009			5.00	-RA BR	67	64	65	90	11	13	29.68	29.79
			<b>SUNRISE: 0653</b>		<b>FEB 24</b>			<b>SUNSET: 1816</b>						
03	OVC	005			1.50	-RA BR	70	68	69	93	15	16	29.60	29.70
06	OVC	013			6.00	BR	71	68	69	90	11	17	29.57	29.67
09	OVC	017			5.00	-RA BR	71	68	69	90	14	17	29.59	29.70
12	OVC	024			5.00	-RA BR	73	69	70	87	13	18	29.56	29.67
15	BKN	250			10.00		78	66	70	67	13	22	29.52	29.62
18	BKN	250			10.00		74	36	55	25	8	30	29.61	29.71
21	BKN	250			9.00		63	23	46	22	5	28	29.71	29.81
24	BKN	250			10.00		55	38	47	53	3	27	29.75	29.86

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

FEBRUARY 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 Okta's		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
		SUNRISE: 0652		FEB 25		SUNSET: 1817								
03	BKN	250				57	28	44	33	3	28	29.77	29.88	
06	BKN	250				53	32	44	45	11	32	29.87	29.98	
09	SCT	250				56	31	45	39	13	34	29.94	30.05	
12	BKN	250				65	32	50	29	6	VR	29.91	30.02	
15	FEW	250				70	31	51	24	3	VR	29.81	29.92	
18	FEW	250				68	30	50	24	0	00	29.78	29.89	
21	CLR	NC				56	36	47	47	0	00	29.82	29.93	
24	CLR	NC				46	39	43	77	5	16	29.80	29.91	
		SUNRISE: 0651		FEB 26		SUNSET: 1817								
03	FEW	250				50	42	46	74	5	19	29.73	29.84	
06	CLR	NC				42	39	41	89	3	14	29.72	29.83	
09	FEW	250				60	52	56	75	5	VR	29.75	29.85	
12	SCT	250				77	40	57	27	14	20	29.71	29.81	
15	BKN	250				79	42	59	27	9	26	29.66	29.77	
18	BKN	250				75	44	58	33	0	00	29.67	29.77	
21	SCT	250				59	48	53	67	0	00	29.70	29.80	
24	FEW	250				56	50	53	80	0	00	29.74	29.84	
		SUNRISE: 0650		FEB 27		SUNSET: 1818								
03	OVC	004				56	52	54	87	0	00	29.74	29.85	
06	VV	001			BCFG	57	56	56	96	3	06	29.77	29.88	
09	OVC	003			BR	62	60	61	93	6	16	29.82	29.93	
12	BKN	026				72	60	65	66	10	15	29.83	29.94	
15	FEW	020				79	57	66	47	10	16	29.75	29.86	
18	FEW	250				71	61	65	71	14	12	29.74	29.85	
21	FEW	015			BR	63	61	62	93	8	15	29.77	29.88	
24	OVC	031			BR	63	61	62	93	10	14	29.74	29.85	
		SUNRISE: 0649		FEB 28		SUNSET: 1819								
03	OVC	034			BR	65	62	63	90	8	14	29.73	29.84	
06	BKN	038			BR	65	63	64	93	6	14	29.70	29.81	
09	OVC	044			BR	68	64	66	87	8	13	29.71	29.82	
12	OVC	050			HZ	76	65	69	69	14	15	29.68	29.78	
15	BKN	055			HZ	76	66	70	71	16	16	29.57	29.67	
18	OVC	055			HZ	73	66	68	79	11	16	29.53	29.64	
21	OVC	017				72	67	69	84	10	17	29.52	29.63	
24	OVC	013				72	68	69	87	7	VR	29.49	29.60	

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

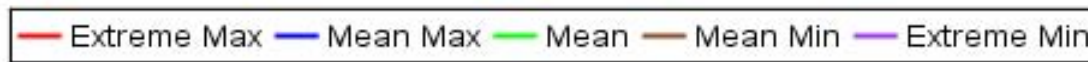
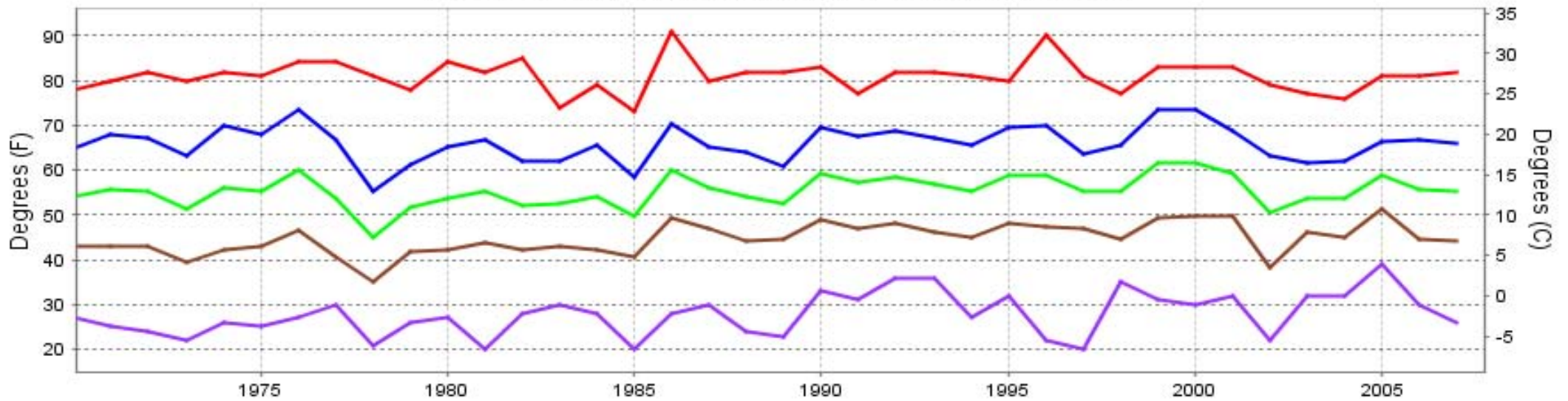
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

## SUMMARY BY HOUR

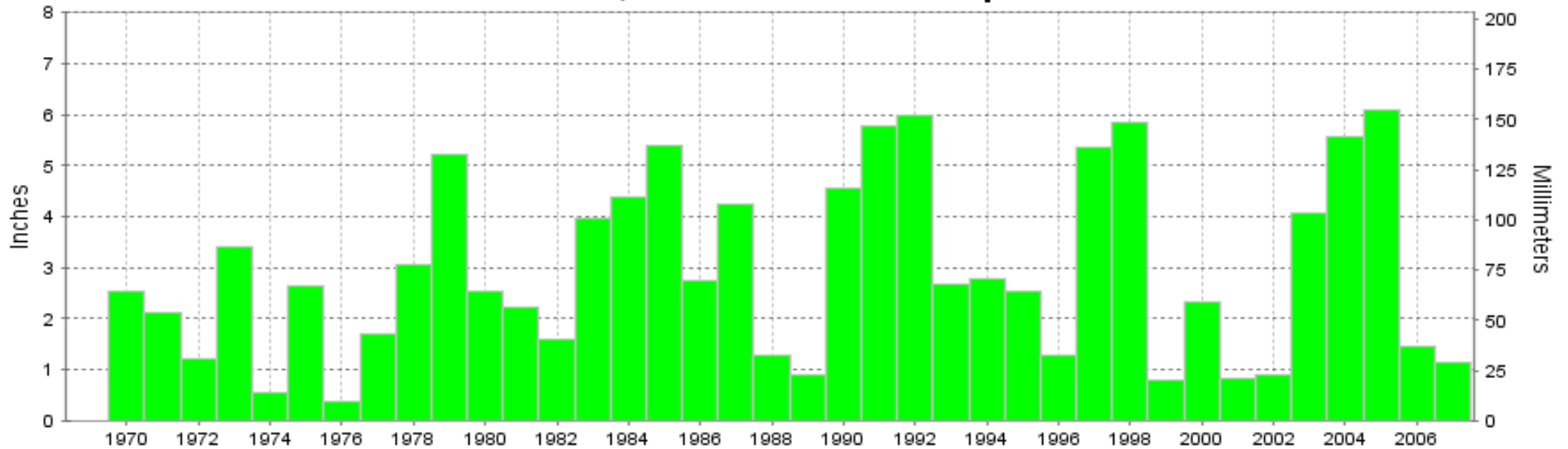
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			50	43	47	81	30.00	30.11	7.94	6	1	07
02			50	44	47	82	29.99	30.10	7.28	6	1	07
03			50	44	47	83	29.98	30.09	7.16	6	1	08
04			49	44	47	83	29.98	30.09	7.37	6	0	05
05			49	44	46	84	29.98	30.09	6.94	5	0	34
06			48	44	46	86	29.99	30.10	6.48	6	0	35
07			48	44	46	86	30.00	30.12	6.48	6	1	08
08			50	45	47	83	30.02	30.13	6.71	6	0	06
09			53	46	50	79	30.03	30.15	7.06	7	1	08
10			56	46	51	70	30.04	30.15	7.27	9	1	08
11			59	46	52	64	30.04	30.15	7.82	9	0	01
12			61	45	53	59	30.02	30.13	8.80	9	1	08
13			62	45	53	56	29.99	30.10	9.05	10	1	28
14			64	45	54	54	29.96	30.07	9.29	10	1	28
15			64	44	54	52	29.94	30.05	9.43	9	0	33
16			64	44	54	51	29.93	30.04	9.57	9	0	32
17			63	44	53	53	29.93	30.05	9.57	10	2	08
18			61	44	52	57	29.94	30.05	9.36	9	2	08
19			58	44	52	64	29.96	30.07	9.71	8	1	08
20			57	45	51	68	29.97	30.08	9.36	9	2	09
21			55	45	50	72	29.98	30.09	8.95	8	1	08
22			54	45	50	74	29.99	30.10	8.64	7	1	08
23			53	45	49	77	29.99	30.10	8.45	6	1	08
24			52	45	49	79	29.99	30.10	8.38	6	1	07

## HOUSTON, TX FEBRUARY Temperatures



Long-Term (1970-2007) Mean: 55.4  
 1971-2000 Normal: 55.4

## HOUSTON, TX FEBRUARY Precipitation



Long-Term (1970-2007) Mean Monthly Total: 2.87

1971-2000 Normal: 2.98





**FEBRUARY 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](mailto:ncdc.info@noaa.gov)

Local Climatological Data is available at [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)

United States  
Department of Commerce

National Oceanic and  
Atmospheric Administration

National Environmental Satellite  
and 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