



# MARCH 2007 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HUNTINGTON, WV  
TRI-STATE/M.J.FERGUSON FIELD AIRPORT (KHTS)  
Lat:38° 22'N Long: 82° 33'W Elev (Ground) 824 Feet  
Time Zone : EASTERN WBAN: 03860 ISSN#: 0198-5655



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		0700 LST 11	1300 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	58	37	48	7	39	45	17	0	TSRA RA BR	0		0.0	1.57	28.79	29.62	5.4	14	7.3	28	26	17	14	01	
02	56	38	47	6	26	39	18	0		0		0.0	0.00	28.64	29.57	14.2	24	14.7	46*	23	26*	23	02	
03	48	29	39	-3	21	33	26	0	SN	0		T	T	28.85	29.78	9.8	26	11.3	38	26	25	24	03	
04	33	24	29*	-13	16	24	36	0	SN FZFG BR	0		T	0.01	29.19	30.13	8.6	26	9.6	23	25	16	25	04	
05	52	26	39	-3	20	31	26	0		0		0.0	0.00	29.26	30.19	7.9	26	10.6	30	28	20	28	05	
06	38	21*	30	-13	10	24	35	0		0		0.0	0.00	29.52	30.45	3.3	03	5.0	18	34	13	35	06	
07	51	28	40	-3	18	30	25	0		0		0.0	0.00	29.24	30.17	4.4	02	5.0	21	05	17	36	07	
08	52	22	37	-6	18	29	28	0		0		0.0	0.00	29.34	30.26	3.8	04	4.2	15	07	10	04	08	
09	73	26	50	6	26	40	15	0		0		0.0	0.00	29.23	30.13	2.3	22	3.6	23	28	16	24	09	
10	64	47	56	12	42	49	9	0	RA BR HZ	0		0.0	0.03	29.22	30.14	6.3	22	7.9	25	22	18	21	10	
11	59	33	46	2	24	38	19	0	BR HZ	0		0.0	0.00	29.46	30.38	2.2	35	3.5	17	15	9	33	11	
12	65	27	46	2	19	37	19	0		0		0.0	0.00	29.37	30.26	1.1	20	1.6	12	27	8	24	12	
13	79	51	65	20	35	51	0	0		0		0.0	0.00	29.22	30.09	4.8	23	5.6	26	25	17	26	13	
14	78	57	68	23	54	59	0	3	TSRA RA BR	0		0.0	0.43	29.11	29.97	6.8	21	7.8	25	26	17	25	14	
15	61	38	50	5	42	45	15	0	RA BR	0		0.0	0.32	29.08	29.99	3.9	03	7.5	23	33	15	01	15	
16	38	31	35	-11	30	33	30	0	RA SN BR UP HZ	0		T	0.30	29.10	30.01	7.1	32	7.8	22	32	15	31	16	
17	37	27	32	-14	23	28	33	0	SN BR HZ	0		T	0.01	29.18	30.11	6.7	31	7.3	21	32	14	31	17	
18	44	27	36	-10	16	28	29	0		0		0.0	0.00	29.34	30.28	3.3	32	4.6	17	32	14	28	18	
19	63	23	43	-4	31	40	22	0	RA BR	0		0.0	0.01	29.26	30.17	8.2	21	9.9	40	24	25	24	19	
20	64	49	57	10	45	50	8	0	RA BR HZ	0		0.0	0.03	29.42	30.35	1.9	04	4.4	16	03	12	07	20	
21	77	43	60	12	42	51	5	0		0		0.0	0.00	29.44	30.32	4.6	18	6.9	21	18	16	19	21	
22	75	56	66	18	50	57	0	1	RA	0		0.0	0.03	29.31	30.19	7.7	21	8.5	32	23	22	24	22	
23	78	53	66	18	50	58	0	1	RA	0		0.0	T	29.26	30.14	5.6	24	7.6	28	22	18	23	23	
24	82	59	71	23	55	61	0	6	RA BR	0		0.0	0.01	29.31	30.21	3.3	27	4.8	23	29	15	25	24	
25	83	58	71	22	54	61	0	6	BR HZ	0		0.0	0.00	29.36	30.24	0.9	08	1.9	12	09	8	36	25	
26	82	57	70	20	51	60	0	5		0		0.0	0.00	29.26	30.14	4.0	23	4.9	24	26	17	23	26	
27	84*	60	72*	22	51	60	0	7		0		0.0	0.00	29.24	30.12	2.7	26	3.7	17	25	13	25	27	
28	67	57	62	12	56	59	3	0	TSRA RA FG+ BR HZ	0		0.0	0.45	29.26	30.15	1.8	35	3.2	24	32	20	33	28	
29	64	50	57	6	52	55	8	0	FG+ FG BR	0		0.0	0.00	29.37	30.28	5.8	07	6.3	20	05	15	05	29	
30	76	43	60	9	47	54	5	0	BR	0		0.0	0.00	29.34	30.21	1.3	06	1.4	13	33	9	33	30	
31	71	56	64	13	57	59	1	0	RA FG+ FG BR HZ	0		0.0	0.57	29.16	30.03	2.7	10	3.5	13	11	9	11	31	

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63.0			40.4			51.7			☼	36.1		44.8		13.9		0.9		< MONTHLY AVERAGES   TOTALS >				T				3.77		29.23		30.13		2.2		25		6.2		< MONTHLY AVERAGES			
6.7			4.9			5.8				<-----DEPARTURE FROM NORMAL----->																-0.06				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
<b>DEGREE DAYS</b>										GREATEST 24-HR PRECIPITATION : 1.57 DATE : 01										SEA LEVEL PRESSURE																					
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : T DATE : 17+					MAXIMUM : 30.56					DATE					TIME																
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.26					06					1014																
HEATING :		432		-164						NUMBER OF ->		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 12		PRECIPITATION >= 0.01 INCH : 13																									
COOLING :		29		121		29		21		THUNDERSTORMS : 3		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 6																									
												HEAVY FOG : 3				SNOWFALL >= 1.0 INCH : 0																									

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
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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												T	0.17	01	0.04	0.12	0.20	0.14	0.01	0.01	T	0.26	0.09	0.13	0.27	0.13	01	1.57	1.57
02														02													02	0.00	0.00
03														03				T	T	T	T						03	T	T
04														04	T												04	0.01	0.01
05														05													05	0.00	0.00
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														11													11	0.03	0.03
12														12													12	0.00	0.00
13														13													13	0.00	0.00
14														14													14	0.00	0.00
15														15													15	0.00	0.00
16														16													16	0.43	0.43
17														17													17	0.32	0.32
18														18													18	0.30	0.30
19														19													19	0.01	0.01
20														20													20	0.00	0.00
21														21													21	0.01	0.01
22														22													22	0.01	0.01
23														23													23	0.00	0.00
24														24													24	0.00	0.00
25														25													25	0.00	0.00
26														26													26	0.00	0.00
27														27													27	0.00	0.00
28														28													28	0.45	0.45
29														29													29	0.00	0.00
30														30													30	0.00	0.00
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)	0.12	0.17	0.18	0.19	0.21	0.26	0.28	0.34	0.39	0.42	0.50	0.59
Ending Date	31	31	31	31	31	31	31	01	01	01	01	01
Ending Time (Hr/Min)	0505	0509	0509	0509	0509	0509	0509	2333	2345	2345	2315	2345

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

# HUNTINGTON, WV MARCH 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:

Station Augmentation-HUNTINGTON SWG PL COOP  
Lat/Lon:38.41833/-82.51 Elevation:520  
Distance:3 MI Dir:N  
Augmented Elements:Temp, Precip, Snow  
Equipment:MMTS, SRG, Snowboard

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							1.50	10.00	
02							10.00	10.00	
03							2.00	10.00	
04							0.50	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							8.00	10.00	
09							10.00	10.00	
10							2.00	10.00	
11							3.00	10.00	
12							10.00	10.00	
13							9.00	10.00	
14							2.50	10.00	
15							3.00	10.00	
16							2.50	10.00	
17							1.00	10.00	
18							10.00	10.00	
19							2.50	10.00	
20							1.75	10.00	
21							10.00	10.00	
22							5.00	10.00	
23							6.00	10.00	
24							5.00	10.00	
25							4.00	10.00	
26							9.00	10.00	
27							9.00	10.00	
28							1.00	10.00	
29							1.00	10.00	
30							8.00	10.00	
31							0.25	10.00	
MONTHLY AVGS							5.40	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 22271				
Percent Possible : 0									
<b>NUMBER OF DAYS WITH : SKY CONDITION</b>									
Clear		Partly CLDY			Cloudy			Missing	
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25			<= 3.0				>= 7.0		
1			14				13		

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV MARCH 2007 KHTS

WBAN # 03860

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								
																												WEATHER	WEATHER						
<b>SUNRISE: 0703</b>						<b>MAR 01</b>						<b>SUNSET: 1823</b>						<b>SUNRISE: 0654</b>						<b>MAR 07</b>						<b>SUNSET: 1829</b>					
01	CLR	NC			10.00		40	26	35	57	3	06	28.99	29.88	01	SCT	090			10.00		32	8	25	36	0	00	29.32	30.24						
04	CLR	NC			10.00		38	27	34	65	6	10	28.93	29.82	04	SCT	100			10.00		32	11	26	42	0	00	29.23	30.14						
07	CLR	NC			10.00		47	27	39	46	7	12	28.85	29.74	07	FEW	120			10.00		33	13	27	44	3	03	29.22	30.14						
10	FEW	100			10.00		57	28	44	33	9	17	28.84	29.73	10	BKN	110			10.00		37	14	29	39	3	09	29.21	30.13						
13	OVC	055			5.00	-RA BR	49	45	47	86	10	15	28.80	29.70	13	CLR	NC			10.00		48	20	37	33	7	34	29.18	30.09						
16	OVC	060			2.50	RA BR	50	48	49	93	7	10	28.66	29.55	16	CLR	NC			10.00		48	22	38	36	10	01	29.19	30.10						
19	OVC	110			9.00	-RA	54	49	51	83	8	14	28.53	29.41	19	BKN	120			10.00		37	25	32	62	8	04	29.29	30.20						
22	OVC	085			10.00	-RA	56	53	54	90	8	15	28.40	29.26	22	CLR	NC			10.00		30	22	27	72	5	04	29.35	30.27						
<b>SUNRISE: 0701</b>						<b>MAR 02</b>						<b>SUNRISE: 0652</b>						<b>MAR 08</b>						<b>SUNSET: 1830</b>											
01	OVC	060			10.00		54	50	52	86	14	24	28.47	29.34	01	CLR	NC			10.00		28	21	26	75	0	00	29.37	30.28						
04	OVC	037			10.00		43	32	38	65	16	25	28.62	29.50	04	CLR	NC			10.00		25	19	23	78	6	04	29.34	30.25						
07	CLR	NC			10.00		38	27	34	65	13	21	28.70	29.59	07	CLR	NC			8.00		22	16	20	78	6	03	29.38	30.30						
10	CLR	NC			10.00		44	24	36	45	13	23	28.70	29.59	10	CLR	NC			9.00		31	21	28	66	0	00	29.41	30.33						
13	FEW	080			10.00		53	21	40	29	16	23	28.69	29.57	13	CLR	NC			10.00		43	20	34	40	0	00	29.35	30.26						
16	SCT	100			10.00		54	17	40	23	15	23	28.66	29.54	16	CLR	NC			10.00		50	16	37	26	7	06	29.31	30.22						
19	BKN	100			10.00		53	19	40	26	10	25	28.71	29.60	19	CLR	NC			10.00		44	15	34	31	7	05	29.31	30.23						
22	OVC	080			10.00		51	22	39	32	9	25	28.78	29.67	22	CLR	NC			10.00		39	15	31	38	5	06	29.33	30.24						
<b>SUNRISE: 0660</b>						<b>MAR 03</b>						<b>SUNRISE: 0651</b>						<b>MAR 09</b>						<b>SUNSET: 1831</b>											
01	BKN	110			10.00		47	22	37	37	9	23	28.79	29.68	01	CLR	NC			10.00		32	18	27	56	0	00	29.28	30.19						
04	BKN	080			10.00		45	21	36	39	7	23	28.78	29.67	04	CLR	NC			10.00		30	17	26	58	3	04	29.26	30.17						
07	OVC	100			10.00		38	24	33	57	7	33	28.82	29.71	07	CLR	NC			10.00		26	19	24	75	0	00	29.27	30.19						
10	CLR	NC			10.00		46	16	35	30	23	24	28.80	29.69	10	CLR	NC			10.00		42	24	35	49	0	00	29.29	30.19						
13	BKN	085			10.00		47	19	36	33	14	28	28.81	29.70	13	CLR	NC			10.00		66	33	50	29	9	19	29.23	30.14						
16	OVC	075			2.00	-SN	35	27	32	73	15	29	28.91	29.80	16	SCT	095			10.00		72	29	52	20	13	26	29.15	30.05						
19	BKN	037			10.00		33	26	30	75	7	25	29.00	29.90	19	CLR	NC			10.00		67	30	50	25	3	21	29.16	30.07						
22	CLR	NC			10.00		31	19	27	61	11	26	29.07	29.97	22	CLR	NC			10.00		57	31	45	37	0	00	29.18	30.08						
<b>SUNRISE: 0658</b>						<b>MAR 04</b>						<b>SUNRISE: 0649</b>						<b>MAR 10</b>						<b>SUNSET: 1832</b>											
01	OVC	046			10.00		28	17	24	63	14	26	29.10	30.01	01	CLR	NC			10.00		55	33	45	43	7	19	29.16	30.05						
04	BKN	060			10.00		26	14	22	60	8	25	29.12	30.03	04	CLR	NC			10.00		56	34	46	44	11	19	29.17	30.05						
07	OVC	050			8.00	-SN	25	19	23	78	10	25	29.18	30.10	07	CLR	NC			10.00		54	34	45	47	7	20	29.21	30.10						
10	BKN	032			10.00		28	17	24	63	6	30	29.24	30.16	10	CLR	NC			10.00		57	37	47	47	10	21	29.24	30.13						
13	OVC	039			10.00		29	15	25	56	11	28	29.24	30.17	13	OVC	060			10.00		63	44	53	50	11	22	29.22	30.11						
16	OVC	041			10.00		32	15	27	49	9	24	29.23	30.15	16	OVC	037			3.00	-RA BR	54	52	53	93	5	23	29.23	30.13						
19	BKN	043			10.00		30	15	25	54	9	24	29.25	30.18	19	OVC	044			4.00	BR	54	50	52	86	5	27	29.29	30.19						
22	CLR	NC			10.00		28	17	24	63	7	21	29.27	30.19	22	CLR	NC			2.00	BR	50	47	48	90	3	35	29.36	30.25						
<b>SUNRISE: 0657</b>						<b>MAR 05</b>						<b>SUNRISE: 0648</b>						<b>MAR 11</b>						<b>SUNSET: 1833</b>											
01	CLR	NC			10.00		28	17	24	63	9	24	29.27	30.19	01	CLR	NC			5.00	HZ	45	38	42	77	5	35	29.39	30.29						
04	CLR	NC			10.00		27	17	24	66	9	21	29.24	30.16	04	CLR	NC			5.00	HZ	41	36	39	82	3	36	29.41	30.31						
07	CLR	NC			10.00		27	16	24	63	7	20	29.25	30.17	07	CLR	NC			3.00	BR	34	31	33	89	0	00	29.49	30.39						
10	CLR	NC			10.00		38	19	31	46	13	24	29.27	30.19	10	CLR	NC			10.00		44	28	38	53	3	VR	29.54	30.45						
13	OVC	075			10.00		50	19	38	29	8	27	29.24	30.16	13	CLR	NC			10.00		53	24	41	32	7	32	29.53	30.44						
16	OVC	065			10.00		51	23	40	33	15	27	29.23	30.14	16	CLR	NC			10.00		57	17	41	21	6	23	29.47	30.38						
19	OVC	110			10.00		46	25	38	44	11	29	29.28	30.19	19	CLR	NC			10.00		53	12	38	19	0	00	29.46	30.37						
22	CLR	NC			10.00		36	24	32	62	9	35	29.39	30.30	22	CLR	NC			10.00		46	17	35	31	0	00	29.46	30.37						
<b>SUNRISE: 0655</b>						<b>MAR 06</b>						<b>SUNRISE: 0646</b>						<b>MAR 12</b>						<b>SUNSET: 1834</b>											
01	CLR	NC			10.00		30	14	25	51	7	32	29.47	30.38	01	CLR	NC			10.00		39	21	32	48	0	00	29.46	30.37						
04	CLR	NC			10.00		25	12	21	58	7	35	29.53	30.45	04	CLR	NC			10.00		32	24	29	72	0	00	29.40	30.30						
07	CLR	NC			10.00		21	10	18	62	5	01	29.58	30.51	07	CLR	NC			10.00		28	24	27	85	0	00	29.41	30.32						
10	CLR	NC			10.00		26	10	21	51	5	10	29.63	30.56	10	CLR	NC			10.00		43	29	37	58	0	00	29.41	30.32						
13	CLR	NC			10.00		32	9	25	38	3	VR	29.59	30.52	13	CLR	NC			10.00		58	22	43	25	3	VR	29.37	30.27						
16	CLR	NC			10.00		38	7	29	27	3	01	29.51	30.45	16	FEW	110			10.00		64	10	43	12	5	18	29.30	30.20						
19	SCT	110			10.00		35	6	26	29	3	06	29.49	30.42	19	OVC	110			10.00		63	7	42	11	0	00	29.28	30.18						
22	OVC	090			10.00		33	7	25	33	7	10	29.41	30.33	22	OVC	070			10.00		55	22	42	28	0	00	29.28	30.18						

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV MARCH 2007 KHTS

WBAN # 03860

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								
																												WEATHER	WEATHER						
<b>SUNRISE: 0645</b>						<b>MAR 13</b>						<b>SUNSET: 1835</b>						<b>SUNRISE: 0636</b>						<b>MAR 19</b>						<b>SUNSET: 1841</b>					
01	OVC	100			10.00		54	20	40	26	0	00	29.26	30.16	01	CLR	NC			10.00		28	17	24	63	5	11	29.38	30.30						
04	OVC	080			10.00		54	20	40	26	5	19	29.23	30.12	04	CLR	NC			10.00		25	18	23	75	5	09	29.35	30.27						
07	OVC	100			10.00		54	25	42	33	3	18	29.26	30.15	07	BKN	110			10.00		27	20	25	75	5	22	29.29	30.21						
10	SCT	100			10.00		65	33	50	30	7	20	29.26	30.15	10	BKN	090			10.00		45	21	36	39	14	19	29.23	30.15						
13	FEW	070			10.00		77	45	59	32	10	28	29.21	30.10	13	OVC	080			10.00		58	32	46	37	13	21	29.20	30.11						
16	SCT	085			10.00		78	43	59	29	8	27	29.15	30.03	16	OVC	080			10.00	-RA	61	42	51	50	21	24	29.16	30.07						
19	CLR	NC			10.00		73	43	57	34	6	24	29.16	30.04	19	OVC	055			10.00		60	42	51	52	11	22	29.20	30.11						
22	CLR	NC			10.00		64	43	53	47	3	19	29.16	30.04	22	OVC	046			10.00	-RA	58	48	53	70	11	23	29.28	30.18						
<b>SUNRISE: 0643</b>						<b>MAR 14</b>						<b>SUNRISE: 0634</b>						<b>MAR 20</b>						<b>SUNSET: 1842</b>											
01	SCT	120			7.00		63	43	53	48	6	19	29.15	30.03	01	OVC	021			1.75	-RA BR	53	52	52	96	6	23	29.32	30.22						
04	OVC	085			8.00		60	50	55	70	6	18	29.13	30.01	04	OVC	050			4.00	BR	53	52	52	96	3	20	29.35	30.24						
07	OVC	090			4.00	RA	58	53	55	84	9	20	29.15	30.03	07	OVC	031			4.00	BR	53	51	52	93	0	00	29.41	30.30						
10	SCT	043			5.00	BR	60	56	58	87	9	20	29.15	30.04	10	OVC	010			3.00	BR	53	49	51	86	7	01	29.47	30.36						
13	SCT	034			10.00		71	57	63	61	11	24	29.09	29.98	13	OVC	019			4.00	HZ	57	47	52	69	3	02	29.50	30.41						
16	SCT	090			10.00		76	55	63	48	11	25	29.03	29.90	16	CLR	NC			9.00		64	43	53	47	6	03	29.47	30.37						
19	OVC	075			2.50	TSRA	66	59	62	78	3	24	29.05	29.93	19	CLR	NC			10.00		59	38	49	46	5	06	29.49	30.40						
22	BKN	080			8.00		62	58	60	87	0	00	29.05	29.94	22	CLR	NC			10.00		53	33	44	47	7	06	29.51	30.42						
<b>SUNRISE: 0642</b>						<b>MAR 15</b>						<b>SUNRISE: 0633</b>						<b>MAR 21</b>						<b>SUNSET: 1843</b>											
01	CLR	NC			10.00		59	56	57	90	5	19	28.98	29.86	01	CLR	NC			10.00		48	31	41	52	5	05	29.50	30.41						
04	CLR	NC			10.00		58	51	54	78	5	19	28.96	29.84	04	FEW	090			10.00		45	31	39	58	3	36	29.47	30.37						
07	OVC	065			10.00		60	49	54	67	6	20	29.00	29.88	07	FEW	120			10.00		43	32	38	65	0	00	29.47	30.38						
10	OVC	017			10.00		44	41	43	89	10	01	29.15	30.05	10	CLR	NC			10.00		57	42	50	57	3	21	29.49	30.38						
13	OVC	008			10.00	-RA	40	37	39	89	9	04	29.16	30.06	13	FEW	050			10.00		74	51	61	45	11	20	29.44	30.32						
16	OVC	011			5.00	-RA BR	41	38	40	89	8	05	29.14	30.04	16	BKN	085			10.00		76	47	60	36	11	23	29.36	30.25						
19	OVC	007			6.00	RA BR	39	37	38	93	7	01	29.18	30.08	19	CLR	NC			10.00		71	47	58	43	6	17	29.34	30.24						
22	OVC	007			8.00	-RA	39	36	38	89	8	05	29.16	30.07	22	CLR	NC			10.00		67	50	58	55	10	17	29.35	30.24						
<b>SUNRISE: 0640</b>						<b>MAR 16</b>						<b>SUNRISE: 0631</b>						<b>MAR 22</b>						<b>SUNSET: 1844</b>											
01	OVC	011			5.00	-RA BR	37	34	36	89	7	03	29.11	30.02	01	CLR	NC			10.00		65	47	55	52	11	18	29.34	30.22						
04	OVC	012			7.00	-RA	36	34	35	92	5	36	29.05	29.95	04	CLR	NC			10.00		62	46	54	56	9	19	29.33	30.21						
07	OVC	010			4.00	-RA BR	35	33	34	92	8	34	29.07	29.97	07	BKN	110			8.00		61	46	53	58	8	20	29.35	30.23						
10	OVC	013			3.00	-RA BR	34	32	33	92	5	30	29.08	29.99	10	FEW	090			10.00		69	48	57	47	11	20	29.33	30.21						
13	OVC	010			6.00	BR	34	30	32	85	8	30	29.09	30.00	13	BKN	100			10.00		73	47	59	40	14	23	29.29	30.17						
16	OVC	018			8.00		35	29	33	79	10	31	29.09	30.00	16	BKN	100			10.00		66	55	60	68	7	21	29.27	30.16						
19	OVC	032			7.00	-SN	33	28	31	82	7	29	29.15	30.06	19	CLR	NC			10.00		66	53	59	63	3	20	29.27	30.15						
22	OVC	025			10.00		31	24	28	75	8	33	29.17	30.09	22	CLR	NC			10.00		61	53	57	75	0	00	29.27	30.16						
<b>SUNRISE: 0639</b>						<b>MAR 17</b>						<b>SUNRISE: 0630</b>						<b>MAR 23</b>						<b>SUNSET: 1845</b>											
01	OVC	025			10.00		31	23	28	72	9	30	29.13	30.04	01	BKN	065			6.00	BR	54	52	53	93	3	12	29.27	30.15						
04	OVC	026			9.00		30	23	28	75	9	32	29.11	30.03	04	OVC	080			10.00		60	50	55	70	7	19	29.24	30.13						
07	OVC	040			10.00		30	21	27	69	8	31	29.15	30.07	07	SCT	070			10.00		60	48	54	65	9	20	29.29	30.17						
10	OVC	033			1.50	-SN	30	25	28	82	10	32	29.20	30.12	10	CLR	NC			10.00		70	49	58	47	10	23	29.29	30.17						
13	OVC	038			6.00	HZ	32	25	29	75	9	31	29.22	30.13	13	BKN	060			10.00		77	48	60	36	20	24	29.25	30.13						
16	OVC	060			10.00		36	23	31	59	9	31	29.20	30.11	16	BKN	095			10.00		77	48	60	36	8	27	29.21	30.09						
19	CLR	NC			10.00		33	21	29	61	6	01	29.22	30.14	19	OVC	090			10.00		73	49	59	43	5	27	29.24	30.12						
22	CLR	NC			10.00		29	21	26	72	5	22	29.25	30.17	22	OVC	070			10.00		65	56	60	73	0	00	29.28	30.16						
<b>SUNRISE: 0637</b>						<b>MAR 18</b>						<b>SUNRISE: 0628</b>						<b>MAR 24</b>						<b>SUNSET: 1846</b>											
01	OVC	075			10.00		29	23	27	78	0	00	29.25	30.17	01	OVC	070			9.00	-RA	62	57	59	84	5	11	29.28	30.16						
04	SCT	065			10.00		29	18	25	63	6	29	29.27	30.19	04	OVC	095			10.00	-RA	61	57	59	87	3	20	29.28	30.16						
07	CLR	NC			10.00		27	18	24	69	5	29	29.34	30.26	07	OVC	080			5.00	BR	59	57	58	93	0	00	29.34	30.22						
10	CLR	NC			10.00		34	22	30	62	3	01	29.40	30.32	10	FEW	110			10.00		69	57	62	66	6	18	29.36	30.25						
13	SCT	060			10.00		39	15	31	38	9	32	29.40	30.32	13	BKN	065			10.00		79	50	62	36	10	27	29.34	30.22						
16	FEW	075			10.00		43	13	33	29	10	31	29.36	30.28	16	FEW	070			10.00		81	52	64	37	10	25	29.31	30.19						
19	CLR	NC			10.00		40	8	30	26	0	00	29.38	30.30	19	BKN	100			10.00		76	54	63	47	7	30	29.34	30.22						
22	CLR	NC			10.00		33	15	27	48	0	00	29.41	30.33	22	FEW	070			10.00		70	54	61	57	0	00	29.36	30.24						

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV MARCH 2007 KHTS

WBAN # 03860

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: 0626      MAR 25      SUNSET: 1847</b>													
01	CLR	NC				66	56	60	70	5 03	29.39	30.27	
04	OVC	070			BR	63	56	59	78	5 08	29.39	30.27	
07	CLR	NC				58	55	56	90	0 00	29.43	30.31	
10	CLR	NC				72	58	64	62	5 21	29.43	30.31	
13	SCT	070				80	54	64	41	6 VR	29.38	30.26	
16	FEW	085				82	52	64	35	0 00	29.31	30.19	
19	CLR	NC				79	49	62	35	0 00	29.30	30.18	
22	CLR	NC				72	51	60	48	5 11	29.29	30.17	
<b>SUNRISE: 0625      MAR 26      SUNSET: 1848</b>													
01	CLR	NC				64	52	57	65	0 00	29.27	30.15	
04	CLR	NC				60	51	55	72	0 00	29.25	30.13	
07	CLR	NC				62	49	55	63	3 17	29.30	30.19	
10	BKN	090				71	50	59	48	7 21	29.32	30.20	
13	SCT	080				80	51	63	37	14 20	29.28	30.15	
16	SCT	075				81	51	63	35	11 25	29.23	30.11	
19	CLR	NC				77	52	62	42	6 25	29.23	30.11	
22	CLR	NC				73	53	61	50	5 26	29.25	30.12	
<b>SUNRISE: 0623      MAR 27      SUNSET: 1848</b>													
01	CLR	NC				69	53	60	57	3 21	29.24	30.12	
04	BKN	090				62	53	57	73	5 21	29.23	30.11	
07	FEW	075				61	53	57	75	0 00	29.27	30.15	
10	FEW	100				73	56	63	55	0 00	29.28	30.16	
13	CLR	NC				82	51	64	34	11 24	29.25	30.13	
16	OVC	095				82	49	63	32	5 30	29.20	30.08	
19	CLR	NC				78	49	61	36	0 00	29.21	30.09	
22	CLR	NC				68	49	57	51	0 00	29.23	30.11	
<b>SUNRISE: 0622      MAR 28      SUNSET: 1849</b>													
01	SCT	110				62	51	56	67	0 00	29.23	30.11	
04	SCT	090				61	51	56	70	0 00	29.19	30.07	
07	OVC	090			RA	60	54	57	81	9 34	29.27	30.15	
10	BKN	075				67	57	61	70	0 00	29.26	30.14	
13	OVC	030			-RA BR	61	59	60	93	10 34	29.29	30.18	
16	FEW	050			-RA	62	58	60	87	6 06	29.27	30.16	
19	OVC	095			BR	61	59	60	93	0 00	29.29	30.19	
22	OVC	085			BR	60	58	59	93	0 00	29.32	30.21	
<b>SUNRISE: 0620      MAR 29      SUNSET: 1850</b>													
01	OVC	100			BR	60	58	59	93	0 00	29.31	30.20	
04	OVC	055			BR	60	58	59	93	6 06	29.31	30.20	
07	OVC	006			BR	59	57	58	93	3 03	29.36	30.25	
10	OVC	045				57	51	54	80	9 05	29.43	30.32	
13	OVC	080				62	52	56	70	8 07	29.43	30.32	
16	BKN	090				62	49	55	63	9 09	29.40	30.29	
19	CLR	NC				60	47	53	62	6 08	29.41	30.30	
22	CLR	NC				55	45	50	69	6 09	29.44	30.34	
<b>SUNRISE: 0619      MAR 30      SUNSET: 1851</b>													
01	CLR	NC				51	45	48	80	5 09	29.43	30.32	
04	CLR	NC				47	44	46	89	0 00	29.40	30.30	
07	CLR	NC				45	42	44	89	0 00	29.40	30.30	
10	CLR	NC				60	42	51	52	0 00	29.39	30.29	
13	CLR	NC				71	49	59	46	0 00	29.33	30.22	
16	CLR	NC				75	51	61	43	3 08	29.24	30.13	
19	CLR	NC				72	50	59	46	0 00	29.21	30.10	
22	CLR	NC				64	51	57	63	3 02	29.22	30.11	

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: 0617      MAR 31      SUNSET: 1852</b>													
01	BKN	055				61	52	56	72	0 00	29.19	30.07	
04	OVC	120			-RA BR	58	54	56	87	6 22	29.17	30.05	
07	BKN	050			BR	59	57	58	93	0 00	29.20	30.09	
10	OVC	035			BR	60	59	59	97	0 00	29.21	30.10	
13	OVC	041			BR	64	60	62	87	3 11	29.18	30.06	
16	SCT	046				70	58	63	66	5 08	29.12	30.01	
19	CLR	NC				67	58	62	73	6 08	29.08	29.97	
22	FEW	080				64	56	59	75	8 11	29.05	29.94	

## 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.

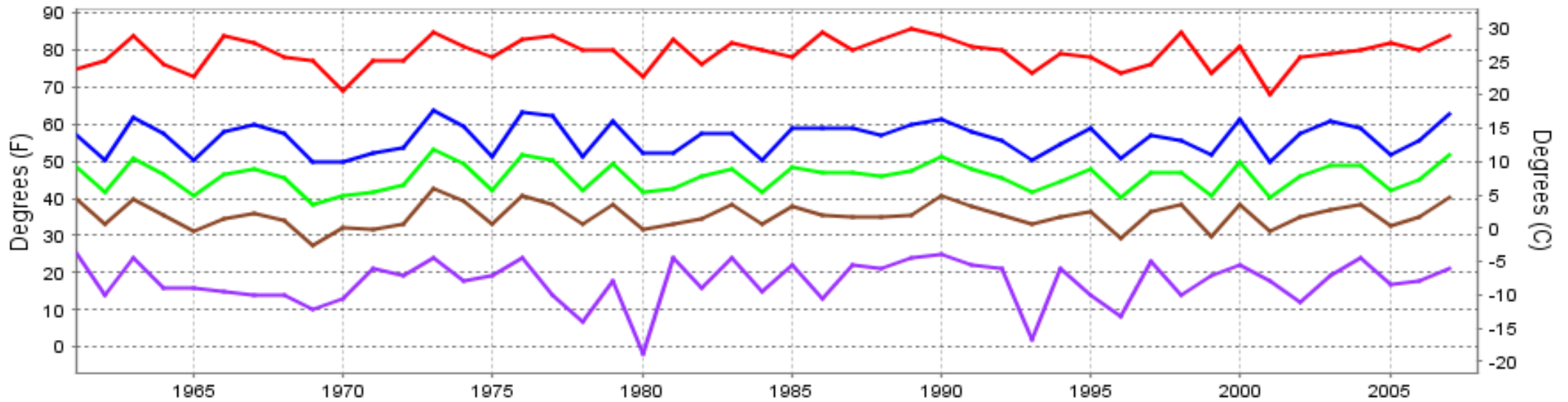
& = Original observation contained additional weather elements.

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)		WIND SPEED (MPH)	DIRECTION		
							STATION	SEA LEVEL				
01			48	36	42	66	29.23	30.13	8.81	5	2	24
02			47	36	42	68	29.23	30.12	8.94	4	2	25
03			46	35	41	68	29.22	30.12	8.88	5	2	25
04			45	35	41	69	29.22	30.11	9.00	5	1	24
05			45	35	41	70	29.22	30.12	8.63	5	2	25
06			44	35	40	71	29.24	30.13	8.14	4	2	24
07			44	35	40	72	29.25	30.15	7.93	5	2	25
08			46	36	41	70	29.26	30.16	7.57	5	2	24
09			48	36	42	66	29.26	30.16	7.83	6	1	24
10			51	36	44	59	29.27	30.17	8.79	6	3	26
11			54	36	46	54	29.26	30.16	8.94	8	4	26
12			56	37	47	52	29.26	30.16	8.63	9	5	26
13			58	37	48	49	29.24	30.14	8.94	9	5	26
14			59	37	49	47	29.23	30.12	8.90	9	6	26
15			60	37	49	48	29.21	30.11	8.75	9	5	26
16			60	37	49	48	29.21	30.10	8.89	9	4	26
17			60	37	49	48	29.20	30.10	9.32	8	3	26
18			58	36	48	49	29.21	30.11	9.40	7	2	26
19			57	36	47	52	29.22	30.12	9.05	5	2	25
20			55	36	46	54	29.23	30.13	9.32	5	2	24
21			53	37	46	57	29.24	30.13	9.16	5	2	24
22			52	37	45	61	29.24	30.13	9.34	5	1	16
23			50	37	44	63	29.24	30.14	9.11	5	2	24
24			50	37	44	64	29.24	30.13	8.98	4	2	24

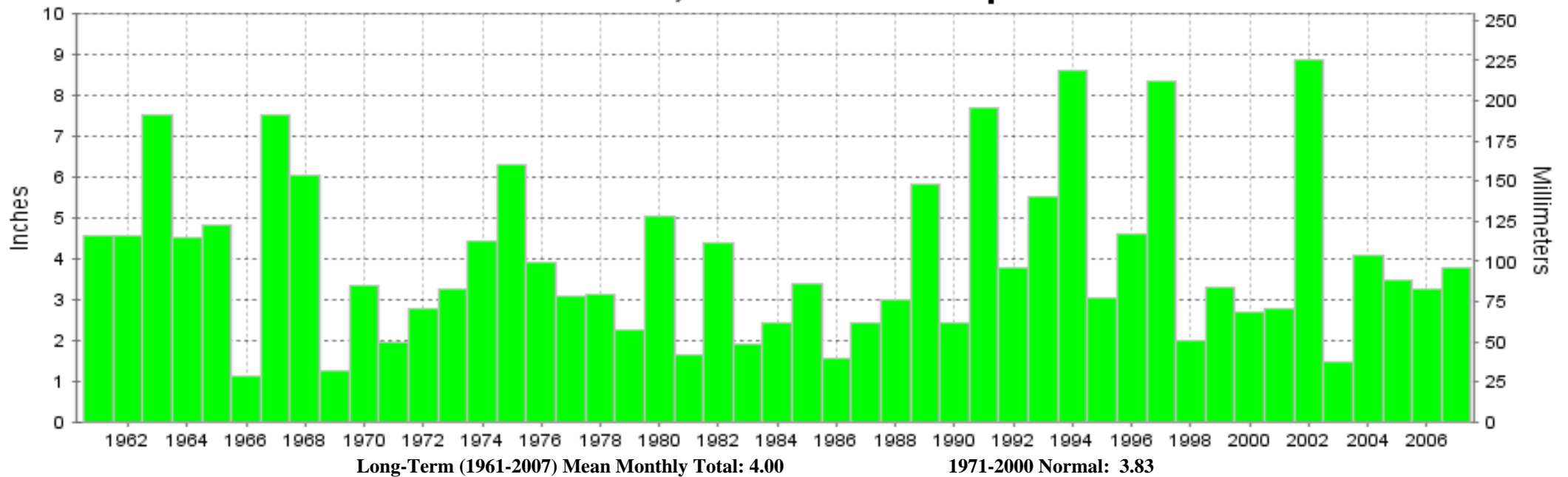
## HUNTINGTON, WV MARCH Temperatures



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

Long-Term (1961-2007) Mean: 45.9  
1971-2000 Normal: 45.9

## HUNTINGTON, WV MARCH Precipitation



Long-Term (1961-2007) Mean Monthly Total: 4.00

1971-2000 Normal: 3.83



MARCH 2007  
HUNTINGTON, WV

# LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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