



# MARCH 2005

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# HUNTINGTON, WV

TRI-ST/M.J.FERGUSON FLD AP (HTS)  
 Lat: 38°22' N Long: 82°33' W Elev (Ground): 822 Feet  
 Time Zone: EASTERN WBAN: 03860 ISSN #:0198-5655

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES						DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM				
																			5-SEC		2-MIN		
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	32	26	29	-12	21	26	36	0	RA FZRA SN FG+ FZFG BR UP	0		T	0.03	28.83	29.74	12.1	25	13.1	30	25	24	24	01
02	33	20	27	-14			38	0	SN	0		T						9.1	25	28	18	27	02
03	37	17*	27*	-15	14	23	38	0	UP SQ	0		0.0	T	29.22	30.14	1.8	26	3.8	10	22	8	24	03
04	53	19	36	-6	29	32	29	0	TS TSRA RA FZRA FG+ BR UP	0		0.0	0.30	29.04		0.9	19	2.8	12	24	10	24	04
05	42	33	38	-4	34	36	27	0	RA SN FG+ BR UP	0		T	0.35	29.05	29.96	2.1	30	4.4	16	36	14	36	05
06	58	28	43	0	32	39	22	0	BR HZ	0		0.0	0.00	29.11	30.02			7.8	25	24	21	21	06
07	65	45	55	12	38	46	10	0	RA BR	0		0.0	0.63	28.71	29.57	9.9	21	11.4	26	29	17	22	07
08	45	26	36	-7	23	28	29	0	RA FZRA SN BR UP	T		T	T	28.82	29.73	9.7	31	11.0	28	31	18	33	08
09	36	29	33	-11	14	24	32	0	RA UP	0		T	T	29.05		4.0	27	4.2	10	24	9	24	09
10	41	22	32	-12			33	0		0		0.0	0.00					6.4	32*	24	21	25	10
11	40	30	35	-9	30	34	30	0	RA SN FG BR	0		T	0.03	28.71	29.60	9.4	24	10.4	30	26	21	27	11
12	48	31	40	-4	30	34	25	0	RA FZRA SN FZFG BR UP	0		1.4	0.21	28.68	29.58	6.2	23	7.9	31	23	23	24	12
13	40	30	35	-10	29	32	30	0	SN FG+ FZFG BR HZ	0		4.5	0.23	28.98	29.88			2.6	16	34	14	33	13
14	46	23	35	-10	19	29	30	0	BR	2		0.0	0.00	29.17	30.08			2.1	12	31	10	36	14
15	53	24	39	-6	22	33	26	0	BR	0		0.0	0.00	29.27	30.19	1.8	33	3.6	16	19	14	19	15
16	44	33	39	-7	18	31	26	0	SN	0		T	T	29.21	30.12	4.9	03	6.0	16	05	13	03	16
17	56	35	46	0	19	34	19	0		0		0.0	0.00	29.09				2.4	9	34	8	17	17
18	60	28	44	-2	23	36	21	0		0		0.0	0.00	29.11	30.01	0.4	16	1.1	5	11	5	11	18
19	57	35	46	-1	32	41	19	0	RA BR	0		0.0	0.02	29.09	29.99	3.8	20	4.1	22	20	13	21	19
20	49	34	42	-5	33	39	23	0	RA BR HZ	0		0.0	T	29.17	30.08	3.1	27	6.6	18	26	13	26	20
21	52	37	45	-3			20	0	BR	0		0.0	0.00	29.22				3.0	13	01	10	02	21
22	60	32	46	-2	30	40	19	0	RA HZ	0		0.0	0.01	29.11	30.01	7.0	05	7.3	17	04	14	03	22
23	59	41	50	2	46	48	15	0	RA FG BR HZ	0		0.0	0.54	28.81	29.70	3.1	32	6.5	21	29	16	27	23
24	41	36	39	-9	33	36	26	0	BR HZ	0		0.0	0.00	29.14	30.05	2.8	31	3.9	20	27	14	28	24
25	60	38	49	0	39	43	16	0	RA BR HZ	0		0.0	0.05	29.06	29.97	4.5	05	5.8	15	07	12	07	25
26	61	42	52	2	41	45	13	0	BR HZ	0		0.0	0.00	29.11	30.00	2.9	04	3.2	14	05	12	05	26
27	60	44	52	2	45	48	13	0	RA BR HZ	0		0.0	0.09	28.90	29.79	7.2	04	7.7	18	02	14	04	27
28	63	46	55	5	47	50	10	0	RA BR	0		0.0	0.91	28.57	29.45	4.5	31	7.8	24	28	18	31	28
29	62	44	53	2	41	46	12	0	BR HZ	0		0.0	0.00	29.00	29.90	1.0	02	3.9	17	29	12	29	29
30	82*	39	61	10	36	49	4	0	BR HZ	0		0.0	0.00	28.97	29.85	3.3	16	5.5	21	17	15	18	30
31	75	52	64*	13	42	54	1	0	TSRA RA BR	0		0.0	0.08	29.01	29.88	6.4	23	8.1	30	18	24*	19	31

51.9	32.9	42.4	■ ■				22.3	0.0	< MONTHLY AVERAGES	TOTALS->		5.9	3.48					5.9	<- MONTHLY AVERAGES			
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-4.4	-2.6	-3.5	■ ■	<-----DEPARTURE FROM NORMAL----->										- .35	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
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<b>DEGREE DAYS</b>								GREATEST 24-HR PRECIPITATION: 0.91 DATE :28				SEA LEVEL PRESSURE DATE TIME			
MONTHLY TOTAL DEPARTURE				SEASON TO DATE TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL: 4.5 DATE :13				MAXIMUM : 30.25 15 0951			
HEATING: 692 96				3719 -426				GREATEST SNOW DEPTH: 2 DATE : 14				MINIMUM : 29.34 28 1351			
COOLING: 0 -8				0 -8				NUMBER OF DAYS WITH →		MAXIMUM TEMP ≥ 90: 0		MINIMUM TEMP ≤ 32: 15		PRECIPITATION ≥ 0.01 INCH : 14	
								MAXIMUM TEMP ≤ 32 : 1		MINIMUM TEMP ≤ 0 : 0		PRECIPITATION ≥ 0.10 INCH : 7			
								THUNDERSTORMS : 2		HEAVY FOG : 4		SNOWFALL ≥ 1.0 INCH : 2			

MARCH 2005 HUNTINGTON, WV

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# HUNTINGTON, WV

MARCH 2005

HTS

WBAN # 03860

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01	T	T	T	T				T	T	T	T	T	01				T	T	0.01		0.01	0.01	T	T	01		0.03		
02													02				T	T							02		T		
03													03				T	T							03		T		
04													04	T			0.05	0.05		0.03	0.07	0.04	0.01		04		0.30		
05					0.12	0.17	0.01				T	0.01	05	0.03	T										05		0.35		
06													06												06		0.00		
07													07					0.02	T	0.01	0.19	0.23	0.04	0.08	0.06	07	0.63		
08								T	T	T			08		T	T	T			T	T	T			08		T		
09													09	T											09		T		
10													10												10		0.00		
11													11	T	T	T	T	T	0.01	T					11		0.03		
12					T	T	T	0.01	T				12				T	0.03	0.03	0.04	0.04	T		T	12		0.21		
13		0.01	0.01	0.02	0.04	0.01	T	T	T				13				T	0.10	0.07	0.01	0.01	0.02	T	T	13		0.23		
14													14												14		0.00		
15													15												15		0.00		
16				T	T								16												16		T		
17													17												17		0.00		
18													18												18		0.00		
19													19				T					T	0.01	0.01	19		0.02		
20	T												20												20		T		
21													21												21		0.00		
22													22					T	T		0.01	T	T		22		0.01		
23	T	0.01					0.06	0.09	0.05	T	T		23		T	T	0.14	0.19							23		0.54		
24													24							T					24		0.00		
25	T	T				T	0.02	0.01	T	T			25					0.02							25		0.05		
26													26												26		0.00		
27													27	T	0.06	0.02	T	0.01	T				T	T	27		0.09		
28													28			T	0.14	0.12	0.19	0.11	0.03	T	0.01	T	28		0.91		
29													29												29		0.00		
30													30												30		0.00		
31								0.05	0.02	0.01			31												31		0.08		

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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 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		
	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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    ' ' = Moderate    '-' = Light

## HUNTINGTON, WV MARCH 2005

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	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							.00	10.00	
02							10.00	10.00	
03							8.00	10.00	
04							.00	10.00	
05							.25	10.00	
06							.00	10.00	
07							.00	10.00	
08							.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							.50	10.00	
12							.50	10.00	
13							<.25	10.00	
14							5.00	10.00	
15							5.00	10.00	
16							5.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							5.00	10.00	
20							.00	10.00	
21							.00	10.00	
22							6.00	10.00	
23							.50	10.00	
24							2.00	10.00	
25							2.00	10.00	
26							1.75	8.00	
27							2.00	10.00	
28							1.75	10.00	
29							3.00	10.00	
30							1.75	10.00	
31							1.75	10.00	
<b>MONTHLY AVGS</b>							4.02	9.94	
<b>SUNSHINE (MINUTES)</b>									
Total:      Possible:      Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
31									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0									
2            17            7									

# OBSERVATIONS AT 3-HOURLY INTERVALS

## HUNTINGTON, WV MARCH 2005

HTS

WBAN # 03860

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
		SUNRISE: 0702		MAR 01		SUNSET: 1824						SUNRISE: 0653		MAR 07		SUNSET: 1830											
01	OVC	060		4.00	-SN	30	25	28	82	14	24	28.75	29.66	01	CLR	NC		10.00		50	30	41	46	7	20	28.96	29.85
04	BKN	036		10.00		28	20	25	72	9	24	28.74	29.64	04	CLR	NC		10.00		47	29	39	50	8	19	28.91	
07	OVC	039		10.00		28	19	25	69	12	25	28.74	29.65	07				10.00		46	29	39	51	10	19	28.84	29.72
10	OVC	028		10.00		28	18	25	66	16	24	28.78	29.69	10	FEW	NC		10.00		57	32	46	39	15	21	28.76	29.64
13	OVC	022		2.00	-SN	30	22	27	72	18	25	28.81	29.72	13	BKN	048		10.00		61	41	51	48	17	20	28.67	29.55
16	OVC	026		4.00	-FZRA	32	23	29	69	14	26	28.84	29.75	16	OVC	047		10.00		62	44	53	52	17	22	28.59	29.47
19														19	OVC	044		10.00	-RA	54	49	51	83	3	30	28.53	29.40
22	OVC	033		9.00	-SN	28	20	25	72	12	27	29.01	29.93	22	OVC	042		4.00	RA BR	51	48	49	89	9	24	28.52	29.39
		SUNRISE: 0700		MAR 02		SUNSET: 1825						SUNRISE: 0652		MAR 08		SUNSET: 1831											
01														01				1.00	-SN BR	40	37	39	89			28.52	29.40
04														04	OVC	008		8.00	-SN	32	30	31	92	15	34	28.58	29.46
07														07	OVC	025		10.00		30	24	28	79	13	31	28.68	29.57
10														10	OVC	032		10.00		27	16	23	63	14	32	28.81	29.71
13	OVC	041		10.00		30	15	25	54	12	26	29.13	30.05	13	OVC	036		10.00		29	16	25	58	14	30	28.86	29.76
16	OVC	047		10.00		31	15	26	52	14	27	29.12	30.04	16	OVC	010		3.00	-SN					14	29	28.92	29.83
19	FEW	NC		10.00		31	11	25	43	9	30	29.14	30.06	19	OVC	060		10.00		29	19	26	66	7	31	28.99	29.90
22	CLR	NC		10.00		27	11	22	51	6	31	29.17	30.09	22	OVC	018		10.00		27	24	26	89	0	00	29.04	29.96
		SUNRISE: 0659		MAR 03		SUNSET: 1826						SUNRISE: 0650		MAR 09		SUNSET: 1832											
01	CLR	NC		10.00		23	10	19	57	3	33	29.22	30.14	01	FEW	NC		10.00		26	15	23	63	8	28	29.07	29.99
04	CLR	NC		10.00		21	9	18	59	6	30	29.21	30.14	04	CLR	NC		10.00		22	11	19	63	5	29	29.07	29.99
07	CLR	NC		10.00		17	13	16	84	5	20	29.24	30.16	07	CLR	NC		10.00		19	10	17	68	3	22	29.13	30.06
10	FEW	NC		10.00		27	14	23	58	6	VR	29.27	30.20	10	CLR	NC		10.00		26	9	21	48	0	00	29.13	30.05
13	BKN	038		10.00		31	15	26	52	5	VR	29.25	30.18	13	BKN	050		10.00		33	14	27	45	8	27	29.07	29.99
16	CLR	NC		10.00		37	16	30	42	6	27	29.20	30.12	16	OVC	048		10.00		35	16	29	46	7	27	29.00	
19	CLR	NC		10.00		34	15	28	46	0	00	29.18	30.10	19	FEW	NC		10.00		33	16	27	49	0	00	28.97	
22	CLR	NC		10.00		28	16	24	61	0	00	29.18	30.10	22	OVC	075		10.00		30	18	26	61	0	00	28.99	
		SUNRISE: 0658		MAR 04		SUNSET: 1827						SUNRISE: 0649		MAR 10		SUNSET: 1833											
01				10.00		24	17	22	75	0	00	29.15	30.08	01	OVC	065		10.00		29	20	26	69	5	31	28.96	
04	CLR	NC		10.00		21	17	20	85	0	00	29.12	30.04	04	CLR	NC		10.00		27	14	23	58	8	29	28.96	29.87
07	CLR	NC		10.00		21	16	20	81	0	00	29.11	30.03	07	CLR	NC		10.00		23	13	20	65	0	00	29.00	29.92
10	OVC	044		10.00		30	23	28	75	0	00	29.09	30.01	10	CLR	NC		10.00		28	11	23	49	7	26	29.00	29.92
13	OVC	049		10.00		38	29	34	70	5	VR	29.01	29.93	13				10.00									
16				10.00		51	38	45	61	8	25	28.96	29.86	16				10.00									
19	OVC	070		10.00	TS	42	37	40	82	5	06	28.95	29.85	19	OVC	090		10.00		40	10	30	29	3	21	28.78	
22	BKN	060		4.00	BR	37	35	36	93	0	00	28.99	29.90	22	SCT	NC		10.00		39	12	30	33	7	20	28.77	
		SUNRISE: 0656		MAR 05		SUNSET: 1828						SUNRISE: 0647		MAR 11		SUNSET: 1834											
01	OVC	035		0.25	FG	34	33	34	97	0	00	28.96	29.86	01	CLR	NC		10.00		39	26	34	60	9	24	28.74	
04	OVC	031		0.25	FG	34	34	34	100	3	06	28.89	29.78	04	OVC	090		10.00	-RA	39	30	35	70	13	21	28.68	
07	OVC	048		5.00	BR	36	34	35	93	8	04	28.92	29.82	07	OVC	034		7.00	-RA	37	34	36	89	10	20	28.67	29.57
10	OVC	019		2.00	-RA BR	37	35	36	93	0	00	28.98	29.88	10	OVC	018		10.00		40	34	37	79	10	24	28.66	29.56
13	OVC	003		2.50	-SN BR	35	33	34	93	5	33	29.07	29.98	13	OVC	043		10.00		40	31	36	70	10	27	28.67	29.56
16	OVC	015		5.00	BR	38	34	36	86	7	31	29.13	30.04	16	BKN	031		10.00		36	28	33	73	14	26	28.68	29.58
19	OVC	042		10.00		40	34	37	79	6	21	29.17	30.09	19	OVC	022		3.00	-SN BR	32	28	30	85	10	26	28.76	29.66
22	OVC	048		6.00	BR	38	34	36	86	3	21	29.22	30.14	22	FEW	NC		10.00		30	23	28	75	8	20	28.78	29.69
		SUNRISE: 0655		MAR 06		SUNSET: 1829						SUNRISE: 0646		MAR 12		SUNSET: 1835											
01	OVC	050		7.00		38	33	36	83	3	22	29.21	30.12	01	CLR	NC		10.00		31	24	28	76	7	19	28.70	29.60
04	FEW	NC		7.00		37	32	35	82	3	25	29.20	30.11	04	VV	008		1.00	-SN BR	31	29	30	92	10	18	28.58	29.47
07	CLR	NC		3.00	BR	33	31	32	92	5	20	29.20	30.12	07	OVC	016		4.00	-SN BR	33	30	32	89	8	21	28.55	29.44
10	CLR	NC		6.00	HZ	43	34	39	71	10	23	29.19	30.10	10	OVC	028		10.00		38	32	35	79	9	22	28.56	29.45
13						52	32	43	47			29.10	30.01	13	BKN	055		10.00		46	29	39	51	16	25	28.66	29.56
16												29.01		16	OVC	026		10.00	-RA	43	32	38	65	9	26	28.73	29.64
19						54	30	43	40	9	24	29.00	29.91	19	OVC	007		5.00	-RA BR	35	33						

# OBSERVATIONS AT 3-HOURLY INTERVALS

## HUNTINGTON, WV MARCH 2005

HTS

WBAN # 03860

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0644					MAR 13					SUNSET: 1836					SUNRISE: 0635					MAR 19					SUNSET: 1841				
01	OVC	010	3.00	BR	34	32	33	92	0	00	28.83	29.73	01	CLR	NC	10.00	40	27	35	60	0	00	29.10	30.00					
04	OVC	004	5.00	BR	33	32	33	96	6	01	28.85	29.75	04	CLR	NC	10.00	38	27	34	65	0	00	29.10	30.00					
07	OVC	009	7.00		33	30	32	89	0	00	28.91	29.82	07	BKN	110	10.00	43	27	37	53	0	00	29.12	30.02					
10	OVC	012	5.00	HZ	33	28	31	82	0	00	28.99	29.90	10	OVC	110	10.00	50	28	41	43	8	20	29.13	30.03					
13	OVC	017	5.00	HZ	35	28	32	76	5	VR	29.00	29.91	13	BKN	100	10.00	56	28	44	34	13	21	29.09	29.99					
16	BKN	029	10.00		39	27	34	62	6	03	28.99	29.89	16	OVC	040	10.00	54	32	44	44	0	00	29.03	29.93					
19	OVC	003	0.50	SN FZFG	30	29	30	96			29.07	29.98	19	OVC	040	10.00	48	43	46	82	6	17	29.04	29.95					
22	OVC	004	1.25	-SN BR	30	29	30	96			29.07	29.99	22	BKN	060	10.00	47	41	44	80	5	14	29.04	29.94					
SUNRISE: 0643					MAR 14					SUNSET: 1837					SUNRISE: 0633					MAR 20					SUNSET: 1842				
01	OVC	080	5.00	BR	30	28	29	92			29.10	30.01	01	OVC	024	8.00	47	43	45	86	5	21	29.05	29.94					
04	CLR	NC	10.00		27	20	25	75			29.11	30.03	04	OVC	029	4.00	44	36	40	73	9	26	29.09	29.99					
07	CLR	NC	10.00		24	17	22	75			29.15	30.07	07	OVC	031	6.00	39	30	35	70	8	24	29.17	30.08					
10	CLR	NC	10.00		30	18	26	61	0	00	29.18	30.11	10	OVC	025	6.00	42	31	37	65	8	25	29.21	30.12					
13	CLR	NC	10.00		37	17	30	44	3	VR	29.18	30.10	13	OVC	028	6.00	45	32	39	61	7	26	29.22	30.12					
16	CLR	NC	10.00		45	18	35	34	5	VR	29.15	30.06	16	OVC	036	7.00	48	33	41	56	3	02	29.19	30.09					
19	CLR	NC	10.00		41	19	33	41	3	23	29.18	30.10	19	BKN	050	8.00	45	32	39	61	3	08	29.19	30.09					
22	CLR	NC	10.00		37	18	30	46	5	08	29.22	30.14	22	CLR	NC	10.00	39	34	37	81	3	03	29.21	30.12					
SUNRISE: 0641					MAR 15					SUNSET: 1837					SUNRISE: 0632					MAR 21					SUNSET: 1843				
01	CLR	NC	10.00		30	21	27	69	0	00	29.25	30.16	01											29.21					
04	CLR	NC	10.00		28	22	26	78	0	00	29.26	30.17	04	BKN	044	3.00	33	30	32	89	0	00	29.21	30.12					
07	CLR	NC	5.00	BR	24	21	23	88	5	04	29.30	30.22	07	CLR	NC	0.75	32	30	31	92	0	00	29.21	30.12					
10	CLR	NC	10.00		39	24	33	55	5	22	29.34	30.25	10	CLR	NC	3.00	39	31	36	73	6	35	29.26	30.17					
13	CLR	NC	10.00		48	23	38	37	6	VR	29.28	30.19	13																
16	CLR	NC	10.00		51	20	39	29	0	00	29.22	30.13	16	CLR	NC	10.00	51	26	41	38	5	VR	29.19						
19	OVC	110	10.00		48	20	37	33	6	30	29.25	30.17	19	CLR	NC	10.00	46	26	38	46	6	02	29.21						
22	OVC	095	10.00		44	23	36	43	8	01	29.28	30.19	22	CLR	NC	10.00	40	26	35	58	0	00	29.26						
SUNRISE: 0640					MAR 16					SUNSET: 1838					SUNRISE: 0630					MAR 22					SUNSET: 1844				
01	OVC	090	9.00		41	23	34	49	6	01	29.29	30.19	01	CLR	NC	10.00	36	26	32	67	7	04	29.25						
04	OVC	032	5.00	-SN	36	24	32	62	8	35	29.29	30.19	04	CLR	NC	10.00	34	25	31	70	7	04	29.20	30.11					
07	OVC	085	10.00		34	16	28	48	7	05	29.28	30.19	07	CLR	NC	8.00	33	25	30	72	6	04	29.21	30.12					
10	OVC	085	10.00		36	20	30	52	7	VR	29.27	30.18	10	CLR	NC	10.00	44	28	38	53	7	06	29.20	30.11					
13	OVC	120	10.00		40	14	31	35	10	06	29.22	30.13	13	CLR	NC	10.00	55	28	43	36	9	04	29.14	30.04					
16	OVC	110	10.00		44	16	34	32	9	01	29.17	30.08	16	OVC	095	10.00	58	29	45	33	7	05	29.05	29.95					
19	OVC	110	10.00		42	14	32	32	5	05	29.14	30.05	19	OVC	065	10.00	54	35	45	49	6	07	28.99	29.89					
22	OVC	110	10.00		40	15	31	36	0	00	29.13	30.04	22	OVC	065	10.00	52	41	47	66	6	08	28.93	29.82					
SUNRISE: 0638					MAR 17					SUNSET: 1839					SUNRISE: 0629					MAR 23					SUNSET: 1845				
01	OVC	090	10.00		39	17	31	41	5	01	29.09	30.00	01	OVC	042	4.00	50	46	48	86	8	07	28.87	29.76					
04	OVC	075	10.00		37	19	31	48	6	33	29.09	30.00	04	OVC	040	3.00	49	46	47	90	8	07	28.81	29.70					
07	OVC	080	10.00		36	19	30	50	3	08	29.10	30.01	07	OVC	004	1.50	47	45	46	93	5	03	28.77	29.65					
10	CLR	NC	10.00		44	22	36	41	5	VR	29.13	30.04	10	OVC	002	0.75	49	47	48	93	0	00	28.75	29.64					
13													13	BKN	016	4.00	58	51	54	78	6	VR	28.72	29.60					
16	CLR	NC	10.00		54	17	40	23	0	00	29.04		16	OVC	012	1.50	54	52	53	93	6	25	28.74	29.63					
19	CLR	NC	10.00		50	15	37	25	0	00	29.05		19	OVC	013	3.00	50	46	48	86	8	28	28.84	29.73					
22	CLR	NC	10.00		43	19	34	38			29.08		22	OVC	007	7.00	43	40	42	89	12	29	28.94	29.83					
SUNRISE: 0637					MAR 18					SUNSET: 1840					SUNRISE: 0627					MAR 24					SUNSET: 1846				
01	CLR	NC	10.00		35	23	31	61	0	00	29.09		01	OVC	005	2.00	39	37	38	93	10	30	29.00	29.90					
04	CLR	NC	10.00		31	22	28	69	0	00	29.10	30.00	04	OVC	009	7.00	37	34	36	89	7	29	29.06	29.96					
07	CLR	NC	10.00		28	22	26	78	0	00	29.12	30.03	07	OVC	011	7.00	36	33	35	89	6	32	29.12	30.03					
10	CLR	NC	10.00		46	29	39	51	3	20	29.15	30.06	10	OVC	009	7.00	37	32	35	82	6	34	29.18	30.09					
13	CLR	NC	10.00		57	24	43	28	0	00	29.12	30.03	13	OVC	015	9.00	38	31	35	76	0	00	29.18	30.09					
16	CLR	NC	10.00		59	22	43	24	0	00	29.07	29.97	16	OVC	015	5.00	40	33	37	77	3	VR	29.16	30.07					
19	CLR	NC	10.00		57	19	42	23	0	00	29.07	29.98	19	OVC	017	4.00	40	33	37	77	0	00	29.17	30.08					
22	CLR	NC	10.00		47	23	37	39	0	00	29.10	30.00	22	OVC	019	5.00	40	34	37	79	3	06	29.18	30.09					

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV

MARCH 2005

HTS

WBAN # 03860

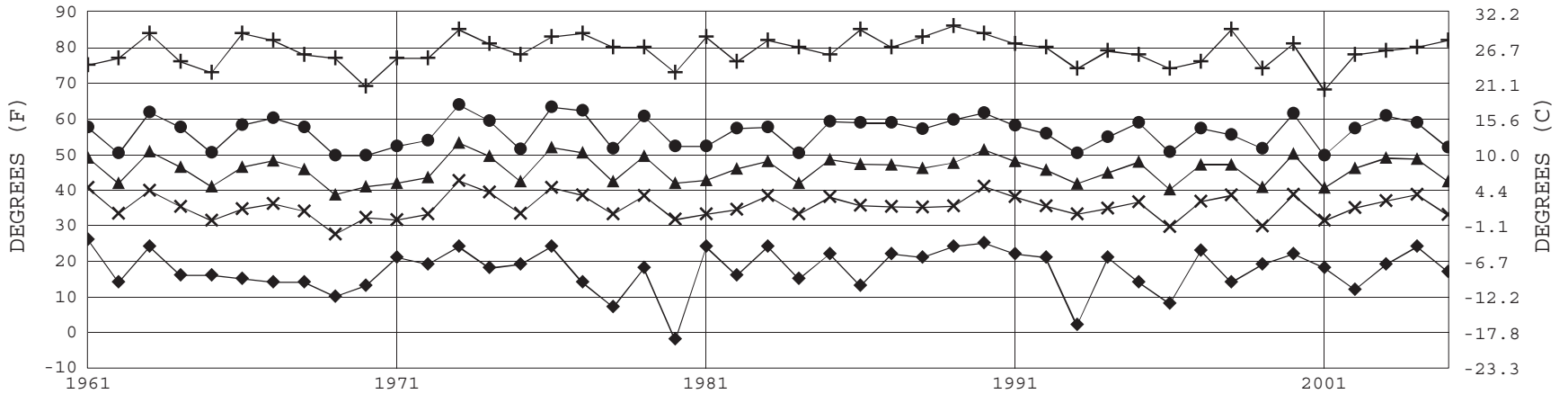
HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)			DIRECTION TENS OF DEG	STATION	SEA LEVEL		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL															
SUNRISE: 0626								MAR 25		SUNSET: 1847								SUNRISE: 0616								MAR 31		SUNSET: 1853							
01	BKN	019				5.00	-RA BR	39	35	37	86	0	00	29.10	30.01	01	CLR	NC				10.00				67	35	51	31	7	18	28.92	29.78		
04	OVC	019				4.00	BR	39	35	37	86	9	36	29.12	30.02	04	FEW	NC				10.00				66	37	52	34	5	14	28.90	29.76		
07	OVC	055				2.00	-RA BR	38	36	37	93	3	13	29.15	30.06	07	FEW	NC				10.00				63	51	56	65	7	22	28.97	29.84		
10	BKN	110				2.00	BR	43	40	42	89	7	16	29.11	30.02	10	SCT	NC				10.00				63	55	58	76	10	18	28.96	29.83		
13	CLR	NC				8.00		55	43	49	64	8	03	29.02	29.93	13	CLR	NC				10.00				70	55	61	59	14	21	29.00	29.87		
16	SCT	NC				10.00		58	43	50	58	8	02	28.98	29.87	16	CLR	NC				10.00				74	37	55	26	18	25	28.99	29.86		
19	OVC	070				8.00		51	43	47	74	7	05	29.01	29.92	19	CLR	NC				10.00				66	35	51	32	6	26	29.07	29.96		
22	BKN	100				9.00		46	40	43	79	5	03	29.03	29.93	22	CLR	NC				10.00				60	30	46	32	3	34	29.15	30.04		
SUNRISE: 0624								MAR 26		SUNSET: 1848								<b>3-HOURLY OBSERVATION NOTES</b>																	
01	OVC	048				8.00		45	40	43	83	7	01	29.05	29.95	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, VV = Vertical Visibility = 8/8.																			
04	OVC	006				5.00	BR	43	40	42	89	10	04	29.04	29.94	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																			
07	OVC	006				3.00	BR	42	39	41	89	0	00	29.10	30.00	NC= No ceiling detected.																			
10	OVC	004				2.50	HZ	44	39	42	83	3	03	29.16	30.06	& = Original observation contained additional weather elements.																			
13	BKN	015				4.00	HZ	53	43	48	69	3	VR	29.14	30.04	See page 3 for additional notes.																			
16	OVC	037				6.00	HZ	59	43	51	56	3	03	29.09	29.99																				
19	OVC	045				8.00		58	42	50	56	0	00	29.10	30.00																				
22	CLR	NC				8.00		50	40	45	68	7	03	29.09	30.00																				
SUNRISE: 0623								MAR 27		SUNSET: 1849																									
01	CLR	NC				6.00	HZ	46	40	43	79	5	36	29.09	29.99																				
04	CLR	NC				5.00	HZ	46	40	43	79	8	05	29.02	29.92																				
07	CLR	NC				4.00	BR	44	40	42	85	9	04	29.00	29.89																				
10	SCT	NC				8.00		53	44	49	72	13	04	28.97	29.85																				
13	OVC	045				8.00	-RA	58	46	52	65	7	02	28.92	29.81																				
16	OVC	033				2.50	RA BR	53	49	51	86	9	04	28.84	29.73																				
19	OVC	055				5.00	BR	54	51	52	90	9	02	28.75	29.64																				
22	OVC	070				10.00	-RA	56	50	53	81	5	04	28.73	29.61																				
SUNRISE: 0621								MAR 28		SUNSET: 1850																									
01	OVC	100				10.00		56	48	52	75	6	07	28.60	29.48																				
04	OVC	090				9.00	-RA	52	49	50	89	6	02	28.51	29.38																				
07	OVC	090				10.00	-RA	52	49	50	89	8	29	28.55	29.43																				
10	OVC	042				10.00		55	50	52	83	3	11	28.51	29.39																				
13	OVC	041				10.00		62	46	54	56	8	28	28.49	29.35																				
16	OVC	010				3.00	-RA BR	53	49	51	86	14	27	28.53	29.40																				
19	OVC	011				6.00	-RA BR	48	46	47	93	9	30	28.61	29.50																				
22	OVC	009				2.50	BR	47	44	46	90	9	30	28.74	29.63																				
SUNRISE: 0620								MAR 29		SUNSET: 1851																									
01	OVC	016				7.00		47	41	44	80	7	VR	28.82	29.70																				
04	OVC	014				6.00	HZ	45	40	43	83	5	29	28.88	29.76																				
07	OVC	010				3.00	BR	44	40	42	85	3	29	28.98	29.88																				
10	OVC	010				3.00	HZ	46	40	43	79	0	00	29.04	29.95																				
13	SCT	NC				5.00	HZ	51	42	47	71	0	00	29.06	29.96																				
16	CLR	NC				8.00		61	44	52	54	3	VR	29.04	29.94																				
19	CLR	NC				10.00		57	43	50	60	6	06	29.04	29.94																				
22	CLR	NC				9.00		50	42	46	74	6	09	29.05	29.95																				
SUNRISE: 0618								MAR 30		SUNSET: 1852																									
01	CLR	NC				6.00	HZ	47	40	44	77	3	11	29.03	29.93																				
04	CLR	NC				3.00	BR	41	38	40	89	0	00	29.01	29.91																				
07	CLR	NC				1.75	BR	41	39	40	93	3	03	29.03	29.93																				
10	CLR	NC				8.00		56	44	50	65	0	00	29.04	29.94																				
13	CLR	NC				10.00		74	40	56	29	9	22	28.99	29.87																				
16	CLR	NC				10.00		82	32	56	16	12	20	28.90	29.78																				
19	CLR	NC				10.00		78	26	53	15	6	16	28.87	29.74																				
22	CLR	NC				10.00		73	26	51	17	6	14	28.90	29.78																				

## 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			39	30	35	73	29.00	29.89	7.65	5	1	28
02			39	30	36	74	29.00	29.89	7.36	6	1	31
03			38	30	35	75	28.99	29.87	7.36	6	2	30
04			37	29	34	76	28.99	29.90	6.94	6	2	32
05			36	29	33	76	28.99	29.90	6.97	5	2	31
06			36	29	33	77	29.00	29.90	7.12	5	1	25
07			35	29	33	79	29.01	29.92	6.87	5	1	26
08			36	30	34	78	29.02	29.93	6.73	4	1	26
09			38	30	35	73	29.02	29.92	7.15	5	1	24
10			41	30	37	67	29.03	29.93	7.78	5	2	24
11			43	30	38	62	29.03	29.93	7.86	7	3	25
12			45	31	39	59	29.02	29.92	8.40	7	3	26
13			47	31	40	56	29.00	29.90	8.28	7	4	26
14			49	32	42	56	28.99	29.88	8.62	7	4	27
15			49	31	41	53	28.98	29.87	8.48	7	4	27
16			50	31	42	53	28.99	29.87	8.10	7	4	27
17			49	30	41	53	28.98	29.88	8.00	6	3	30
18			47	29	40	55	28.99	29.89	8.22	7	3	28
19			46	30	40	59	29.00	29.90	8.35	5	1	30
20			44	29	38	61	29.01	29.91	8.42	6	2	29
21			43	29	38	64	29.02	29.91	8.03	5	2	29
22			42	30	37	66	29.02	29.92	8.24	5	1	32
23			41	30	37	68	29.02	29.92	8.21	5	1	28
24			41	30	36	69	29.02	29.92	8.30	4	1	27



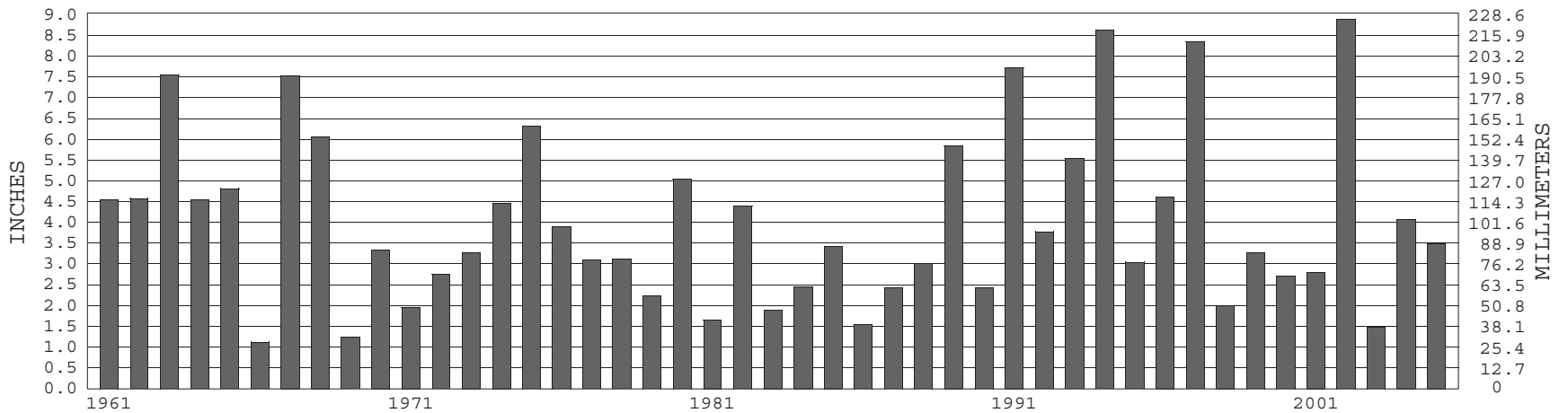
### HUNTINGTON, WV MARCH TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1961-2005) Mean: 45.8      1971-2000 Normal: 45.9

### HUNTINGTON, WV MARCH PRECIPITATION



Long-Term (1961-2005) Mean Monthly Total: 4.02

1971-2000 Normal: 3.83



MARCH 2005

HUNTINGTON, WV

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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