



# JANUARY 2010 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	1300 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
									DEPTH 11	WATER- EQUIV 12	SNOW- FALL 13	WATER EQUIV 14			SPEED 20	DIR 21	SPEED 22	DIR 23						
01	39	21	30	-4	19	25	35	0	RA SN BR HZ	0		T	0.01	29.23	30.17	7.7	28	8.2	25	29	16	28	01	
02	22	17	20	-13	10	17	45	0	SN	0		T	T	29.33	30.29	8.3	29	8.6	22	29	16	31	02	
03	21	10	16	-17	6	14	49	0	SN	0		T	T	29.34	30.27	6.1	29	6.6	21	26	14	26	03	
04	25	18	22	-11	15	20	43	0	SN BR	0		1.6	0.01	29.22	30.15	7.1	25	7.8	18	30	14	25	04	
05	21	17	19	-14	14	18	46	0	SN BR	1		2.1	0.01	29.20	30.14	8.6	25	8.6	18	25	13	26	05	
06	25	19	22	-11	14	19	43	0	SN	1		1.0	T	29.26	30.21	6.8	25	7.2	17	26	14	25	06	
07	28	17	23	-10	17	21	42	0	SN FZFG BR	1		5.2	0.08	29.15	30.06	3.8	21	6.0	31	25	22	27	07	
08	17	9	13*	-20	6	12	52	0	SN BR HZ BLSN	3		0.6	0.01	29.23	30.20	8.6	25	8.9	31	26	23	26	08	
09	24	16	20	-13	13	18	45	0	SN BR HZ	1		0.2	T	29.43	30.39	3.1	29	4.7	14	33	12	34	09	
10	24	12	18	-15	9	16	47	0	SN BR HZ	1		T	T	29.54	30.49	1.8	30	3.0	13	27	8	20	10	
11	30	11	21	-11	14	20	44	0	SN BR	1		T	T	29.33	30.25	6.3	22	7.2	18	25	15	19	11	
12	27	21	24	-8	17	22	41	0	SN BR HZ	1		1.0	0.02	29.40	30.36	4.1	31	4.6	16	33	12	33	12	
13	34	12	23	-9	16	21	42	0	BR	T		0.0	0.00	29.46	30.38	2.0	20	2.5	14	19	10	19	13	
14	46	15	31	-1	20	27	34	0		0		0.0	0.00	29.34	30.27	2.7	20	2.8	13	19	9	19	14	
15	49	29	39	7	27	35	26	0		0		0.0	0.00	29.36	30.28	2.6	19	3.1	14	21	10	19	15	
16	54	37	46	14	35	41	19	0		0		0.0	0.00	29.29	30.18	0.7	08	1.2	10	04	8	04	16	
17	47	42	45	13	42	43	20	0	RA BR	0		0.0	0.79	28.84	29.72	3.9	36	5.9	16	30	12	30	17	
18	51	35	43	11	35	40	22	0	BR	0		0.0	0.00	29.04	29.97	3.6	24	4.2	15	23	13	23	18	
19	57*	35	46	14	38	42	19	0	RA BR HZ	0		0.0	0.04	29.05	29.96	2.0	28	3.7	22	26	15	26	19	
20	41	33	37	5	32	34	28	0	RA DZ FG BR UP HZ	0		0.0	0.06	29.05	29.96	6.5	04	6.7	16	04	12	05	20	
21	46	35	41	8	35	38	24	0	RA BR	0		0.0	0.12	28.94	29.82	6.5	08	6.9	20	12	14	12	21	
22	50	39	45	12	40	43	20	0	RA BR	0		0.0	0.03	28.90	29.83	1.9	05	2.3	9	09	7	09	22	
23	53	43	48	15	41	44	17	0	FG+ FG BR	0		0.0	0.00	29.07	29.96	4.4	10	4.7	15	15	10	15	23	
24	53	48	51*	18	43	47	14	0	RA FG+ FG BR	0		0.0	1.46	28.74	29.58	4.5	13	6.2	26	14	18	14	24	
25	50	33	42	9	34	39	23	0	RA SN GS PL FG BR	0		T	0.03	28.54	29.48	10.4	24	10.8	32*	24	24*	25	25	
26	35	27	31	-2	21	28	34	0	RA FZRA SN FZFG BR	T		T	0.01	28.94	29.91	10.0	25	10.5	28	28	17	26	26	
27	38	25	32	-1	17	26	33	0		0		0.0	0.00	29.32		7.3	23	7.5	21	25	14	25	27	
28	42	19	31	-2	17	28	34	0		0		0.0	0.00	29.31	30.26	6.0	29	9.6	30	29	20	27	28	
29	21	15	18	-15	6	15	47	0	SN	0		T	T	29.47	30.41	5.8	04	6.7	17	05	13	05	29	
30	22	16	19	-14	12	17	46	0	SN FG+ FZFG BR	2		4.0	0.18	29.16	30.10	7.2	03	7.8	21	05	16	05	30	
31	33	2*	18	-16	7	17	47	0		3		0.0	0.00	29.31	30.27	2.7	25	3.5	17	26	12	26	31	

36.3	23.5	29.9	☼	21.7	27.3	34.9	0.0	< MONTHLY AVERAGES   TOTALS >				15.7	2.86	29.18	30.10	2.5	26	6.1	< MONTHLY AVERAGES			
-4.7	-1.0	-2.8		-----DEPARTURE FROM NORMAL ----->										-0.35	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 1.46 <b>DATE :</b> 24				<b>SEA LEVEL PRESSURE</b>					
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> 5.2 <b>DATE :</b> 07				<b>MAXIMUM :</b> 30.57 <b>DATE</b> 10 <b>TIME</b> 1051					
<b>TOTAL DEPARTURE</b>				<b>GREATEST SNOW DEPTH :</b> 3 <b>DATE :</b> 31+				<b>MINIMUM :</b> 29.31 <b>DATE</b> 25 <b>TIME</b> 0206					
<b>SEASON TO DATE</b>				<b>NUMBER OF -&gt; DAYS WITH</b>				<b>MAXIMUM TEMP &gt;= 90 :</b> 0		<b>MINIMUM TEMP &lt;= 32 :</b> 21		<b>PRECIPITATION &gt;= 0.01 INCH:</b> 15	
<b>HEATING :</b> 1081		90		2852		99		<b>MAXIMUM TEMP &lt;= 32 :</b> 13		<b>MINIMUM TEMP &lt;= 0 :</b> 0		<b>PRECIPITATION &gt;= 0.10 INCH:</b> 4	
<b>COOLING :</b> 0		0		0		0		<b>THUNDERSTORMS :</b> 0		<b>HEAVY FOG :</b> 3		<b>SNOWFALL &gt;= 1.0 INCH :</b> 6	

JANUARY 2010  
HUNTINGTON, WV

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
JANUARY 2010

WBAN # 03860

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				0.01								T	01	T	T	T	T	T	T	T	T	T	T	01	0.01	0.01		
02	T	T	T	T	T	T	T	T					02	T	T	T	T	T	T	T	T	T	T	02	T	T		
03	T	T	T	T	T	T	T	T					03											03	T	T		
04	T	T	T	T	T	T	T	T	T	T	T	T	04	T	T	T	T	T	T	T	T	0.01	T	04	0.01	0.01		
05	T	T	T	T	T	T	T	T	T	T	T	T	05	T	T	T	T	T	T	T	T	T	0.01	T	05	0.01	0.01	
06	T	T	T	T	T	T	T	T	T	T	T	T	06	T						T	T	T	T	06	T	T		
07	T	T	T	T	T	T	T	T	T	T	T	T	07	T	T	0.02	0.03	0.02	0.01	T	T	T	T	07	0.08	0.08		
08	0.01	T	T	T	T	T	T	T	T	T	T	T	08	T	T	T			T	T	T	T	T	08	0.01	0.01		
09	T	T	T	T	T	T	T	T	T	T	T	T	09			T	T	T	T	T	T	T	T	09	T	T		
10	T	T	T	T	T	T	T	T	T	T	T	T	10											10	T	T		
11													11											11	T	T		
12	0.01	0.01	T		T	T	T	T	T	T	T	T	12			T	T							12	0.02	0.02		
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			T	0.05	0.13	0.05	0.03	0.08	0.15	0.10	0.04	0.02	17	0.01		0.01	0.01	0.05	0.04	0.02	T		17	0.79	0.79			
18													18											18	0.00	0.00		
19													19							0.03	T	0.01		19	0.04	0.04		
20													20	T	0.01	0.03	0.02	T					20	0.06	0.06			
21													21	0.02	0.01	0.04	0.03	T	0.02	T			21	0.12	0.12			
22	T	T	0.03	T		T	T						22										22	0.03	0.03			
23													23										23	0.00	0.00			
24							T	0.01	0.12	0.11	0.03		24	0.04	0.13	0.10	0.17	0.10	0.12	0.07	0.06	0.16	0.10	0.11	0.03	24	1.46	1.46
25				T			T	0.01	T	T			25			T	0.02	T				T		25	0.03	0.03		
26		T	T	T	T		T	T	0.01	T	T		26	T	T									26	0.01	0.01		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29									T	T	T	T	29											29	T	T		
30			T	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.01	T	30	T	T	T								30	0.18	0.18		
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)	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.23	0.26	0.30	0.34	0.42
Ending Date	13	13	13	13	13	13	24	24	24	24	24	24
Ending Time (Hr/Min)	0005	0005	0005	0005	0005	0005	2113	1614	1634	1620	1727	1620

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 JANUARY 2010

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							2.00	10.00	
02							2.00	10.00	
03							8.00	10.00	
04							1.50	10.00	
05							1.50	10.00	
06							3.00	10.00	
07							0.50	10.00	
08							1.00	10.00	
09							0.75	10.00	
10							4.00	10.00	
11							4.00	10.00	
12							1.25	10.00	
13							3.00	10.00	
14							7.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							1.00	10.00	
18							3.00	10.00	
19							3.00	10.00	
20							0.50	10.00	
21							4.00	10.00	
22							5.00	10.00	
23							0.25	10.00	
24							0.50	10.00	
25							1.50	10.00	
26							0.50	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							6.00	10.00	
30							0.50	10.00	
31							8.00	10.00	
MONTHLY AVGS							3.65	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 18334				
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			19				7		

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV JANUARY 2010 KHTS

WBAN # 03860

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								
SUNRISE: 0747						JAN 01						SUNSET: 1720						SUNRISE: 0748						JAN 07						SUNSET: 1726					
01	OVC	047			10.00		38	34	36	86	6	25	29.15	30.06	01	OVC	028			9.00	-SN	21	15	19	78	3	23	29.28	30.21						
04	OVC	026			10.00		36	33	35	89	10	27	29.18	30.09	04	OVC	026			9.00	-SN	21	15	19	78	3	21	29.27	30.20						
07	OVC	029			10.00		34	25	31	70	10	26	29.20	30.11	07	OVC	100			9.00	-SN	21	14	19	74	3	14	29.24	30.16						
10	OVC	019			10.00		25	16	22	69	10	29	29.28	30.20	10	CLR	NC			10.00		21	14	19	74	9	17	29.22	30.15						
13	OVC	031			10.00		23	13	20	65	8	30	29.29	30.21	13	OVC	035			10.00		25	16	22	69	3	10	29.10	30.02						
16	OVC	037			6.00	-SN	24	14	21	66	5	26	29.29	30.21	16	VV	005			0.50	SN FZFG	25	22	24	88	3	15	29.04	29.96						
19	OVC	042			9.00	-SN	23	14	20	68	7	26	29.30	30.23	19	OVC	095			2.50	-SN BR	26	23	25	88	3	20	29.01	29.93						
22	OVC	041			9.00	-SN	22	12	19	65	7	25	29.29	30.22	22	OVC	028			5.00	-SN	26	21	24	81	14	26	29.03	29.95						
SUNRISE: 0747						JAN 02						SUNRISE: 0747						JAN 08						SUNSET: 1727											
01	OVC	055			9.00	-SN	20	10	17	65	10	28	29.27	30.20	01	OVC	021			1.00	-SN BR	15	11	14	84	11	26	29.11	30.04						
04	OVC	030			9.00	-SN	19	11	17	71	10	30	29.30	30.23	04	OVC	075			6.00	-SN	11	4	9	73	10	24	29.16	30.09						
07	OVC	027			7.00	-SN	18	11	16	74	7	29	29.34	30.27	07	BKN	037			9.00	-SN	10	3	9	73	8	24	29.21	30.14						
10	CLR	NC			10.00		19	9	16	65	6	26	29.39	30.32	10	OVC	041			10.00		12	4	10	70	13	25	29.25	30.18						
13	OVC	044			10.00		21	9	18	60	9	30	29.37	30.30	13	OVC	026			4.00		16	6	14	64	11	26	29.26	30.20						
16	OVC	047			9.00		20	9	17	62	13	30	29.36	30.29	16	OVC	037			10.00		17	6	14	62	6	25	29.30	30.24						
19	OVC	046			5.00	-SN	19	11	17	71	6	29	29.38	30.32	19	OVC	049			7.00	-SN	16	8	14	71	9	25	29.35	30.29						
22	OVC	042			10.00		18	8	15	65	7	29	29.39	30.33	22	OVC	023			9.00	-SN	15	9	13	77	7	24	29.39	30.33						
SUNRISE: 0747						JAN 03						SUNRISE: 0747						JAN 09						SUNSET: 1727											
01	OVC	046			10.00		17	10	15	74	6	34	29.35	30.29	01	OVC	017			9.00	-SN	16	10	14	77	8	24	29.40	30.34						
04	BKN	024			10.00		14	6	12	70	8	30	29.35	30.29	04	OVC	013			9.00	-SN	16	11	15	81	6	24	29.40	30.34						
07	OVC	018			10.00		11	4	9	73	9	28	29.37	30.30	07	OVC	025			2.50	-SN BR	16	12	15	84	6	23	29.43	30.37						
10	BKN	016			10.00		11	4	9	73	7	31	29.40	30.34	10	OVC	033			0.75	-SN BR	18	14	17	84	3	25	29.47	30.42						
13	SCT	030			10.00		17	4	14	56	7	29	29.34	30.28	13	OVC	026			9.00		23	14	20	68	8	34	29.44	30.38						
16	CLR	NC			10.00		21	6	17	52	7	27	29.30	30.23	16	OVC	028			10.00		23	13	20	65	6	31	29.44	30.37						
19	CLR	NC			10.00		19	6	16	57	5	28	29.31	30.25	19	OVC	036			7.00	-SN	22	16	20	78	3	32	29.47	30.42						
22	OVC	031			10.00		19	9	16	65	7	30	29.30	30.24	22	OVC	030			9.00	-SN	21	15	19	78	5	34	29.50	30.44						
SUNRISE: 0748						JAN 04						SUNRISE: 0747						JAN 10						SUNSET: 1728											
01	OVC	027			10.00		19	11	17	71	5	VR	29.28	30.22	01	OVC	024			8.00	-SN	19	13	17	77	7	02	29.52	30.46						
04	OVC	035			7.00	-SN	18	12	16	77	7	25	29.26	30.19	04	OVC	026			9.00	-SN	17	7	15	65	3	36	29.52	30.47						
07	OVC	029			6.00	-SN	19	13	17	77	8	26	29.24	30.18	07	OVC	024			8.00		14	10	13	84	5	31	29.56	30.51						
10	OVC	031			2.50	-SN	20	14	18	77	6	25	29.25	30.19	10	OVC	024			5.00	HZ	15	10	14	80	0	00	29.62	30.57						
13	OVC	028			4.00	-SN	23	15	21	71	7	26	29.20	30.13	13	SCT	019			10.00		19	10	17	68	3	24	29.58	30.52						
16	OVC	024			3.00	-SN	24	17	22	75	10	25	29.17	30.10	16	CLR	NC			10.00		23	10	19	57	5	26	29.53	30.47						
19	OVC	029			2.50	-SN BR	24	20	23	85	7	26	29.17	30.10	19	CLR	NC			10.00		21	9	18	60	3	23	29.53	30.48						
22	OVC	021			2.50	-SN BR	23	19	22	85	9	28	29.19	30.12	22	CLR	NC			10.00		16	9	14	74	3	22	29.52	30.47						
SUNRISE: 0748						JAN 05						SUNRISE: 0747						JAN 11						SUNSET: 1729											
01	OVC	030			2.50	-SN	20	15	19	81	9	25	29.17	30.10	01	CLR	NC			10.00		13	7	12	77	5	20	29.46	30.40						
04	OVC	040			3.00	-SN	19	14	18	81	9	26	29.18	30.11	04	CLR	NC			10.00		16	9	14	74	6	19	29.41	30.34						
07	OVC	047			2.50	-SN	17	12	16	81	8	25	29.20	30.13	07	CLR	NC			10.00		17	10	15	74	9	20	29.37	30.30						
10	OVC	017			2.50	-SN	17	12	16	81	9	25	29.23	30.16	10	OVC	090			10.00		22	12	19	65	13	20	29.31	30.24						
13	OVC	019			8.00	-SN	20	12	18	71	11	26	29.20	30.14	13	OVC	055			10.00		28	13	23	53	8	21	29.24	30.17						
16	OVC	013			2.50	-SN BR	20	16	19	84	9	24	29.20	30.13	16	OVC	046			10.00		30	15	25	54	8	22	29.21	30.14						
19	OVC	019			9.00		21	14	19	74	9	24	29.22	30.16	19	OVC	032			10.00		29	16	25	58	6	26	29.26	30.19						
22	OVC	022			1.50	-SN	20	16	19	84	8	23	29.24	30.17	22	OVC	022			9.00	-SN	28	20	25	72	8	26	29.30	30.22						
SUNRISE: 0748						JAN 06						SUNRISE: 0747						JAN 12						SUNSET: 1730											
01	OVC	022			8.00	-SN	21	14	19	74	8	25	29.23	30.16	01	OVC	013			1.75	-SN BR	26	23	25	88	8	25	29.30	30.22						
04	OVC	020			9.00	-SN	21	13	19	71	11	26	29.23	30.16	04	OVC	060			7.00		24	19	22	81	8	32	29.32	30.25						
07	OVC	018			9.00	-SN	20	12	18	71	10	25	29.26	30.19	07	OVC	048			3.00	-SN BR	22	18	21	85	7	32	29.39	30.31						
10	OVC	018			9.00	-SN	20	13	18	74	7	25	29.31	30.24	10	OVC	029			1.50	-SN	23	18	21	81	7	34	29.46	30.39						
13	OVC	022			9.00		23	15	21	71	7	23	29.26	30.19	13	BKN	027			7.00		26	16	23	66	3	01	29.44	30.38						
16	OVC	024			10.00		24	15	21	68	9	23	29.26	30.19	16	OVC	036			7.00	HZ	27	16	24	63	6	30	29.47	30.40						
19	OVC	028			9.00	-SN	22	13	19	68	10	23	29.30	30.24	19	OVC	036			10.00		27	15	23	61	3	29	29.49	30.43						
22	OVC	028			8.00	-SN	22	15	20	74	6	24	29.31	30.25	22	OVC	034			10.00		25	15	22	66	0	00	29.51	30.45						

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV JANUARY 2010 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		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										
			Visibility (MILES)	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											
<b>SUNRISE: 0747</b>						<b>JAN 13</b>						<b>SUNSET: 1731</b>						<b>SUNRISE: 0744</b>						<b>JAN 19</b>						<b>SUNSET: 1738</b>					
01	CLR	NC			10.00		22	15	20	74	0	00	29.51	30.45	01	CLR	NC			10.00		38	34	36	86	3	22	29.08	29.98						
04	CLR	NC			4.00	BR	16	14	15	92	5	22	29.49	30.42	04	OVC	042			6.00	BR	38	34	36	86	0	00	29.08	29.98						
07	CLR	NC			6.00	BR	15	12	14	88	0	00	29.52	30.46	07	OVC	055			5.00	BR	37	35	36	93	0	00	29.08	29.97						
10	CLR	NC			5.00	BR	19	17	18	92	0	00	29.52	30.46	10	OVC	025			4.00	HZ	41	36	39	82	0	00	29.08	29.99						
13	CLR	NC			10.00		29	17	25	61	6	VR	29.46	30.39	13	BKN	060			10.00		51	41	46	69	9	26	29.05	29.95						
16	CLR	NC			10.00		34	18	29	52	5	21	29.38	30.31	16	OVC	060			10.00		54	41	48	62	8	26	29.02	29.92						
19	CLR	NC			10.00		30	18	26	61	0	00	29.37	30.30	19	OVC	039			10.00		51	42	47	71	0	00	29.02	29.92						
22	CLR	NC			10.00		25	18	23	75	0	00	29.35	30.28	22	OVC	031			4.00	BR	42	40	41	93	5	01	29.04	29.94						
<b>SUNRISE: 0746</b>						<b>JAN 14</b>						<b>SUNSET: 1732</b>						<b>SUNRISE: 0744</b>						<b>JAN 20</b>						<b>SUNSET: 1739</b>					
01	CLR	NC			10.00		24	17	22	75	3	19	29.35	30.27	01	OVC	003			3.00	BR	40	38	39	93	6	01	29.04	29.93						
04	CLR	NC			8.00		20	16	19	84	0	00	29.36	30.29	04	OVC	003			4.00	BR	37	35	36	93	5	03	29.05	29.95						
07	CLR	NC			7.00		17	14	16	88	0	00	29.37	30.30	07	OVC	001			0.50	FG	35	34	35	96	6	04	29.08	29.99						
10	CLR	NC			10.00		28	20	25	72	7	20	29.39	30.32	10	OVC	009			5.00	BR	34	30	32	85	6	06	29.08	29.99						
13	CLR	NC			10.00		40	22	33	49	6	21	29.35	30.27	13	OVC	043			6.00	HZ	35	30	33	82	7	04	29.05	29.95						
16	CLR	NC			10.00		45	23	36	42	6	20	29.31	30.23	16	OVC	007			4.00	-RA BR	34	31	33	89	9	04	29.03	29.93						
19	CLR	NC			10.00		41	21	34	45	0	00	29.31	30.24	19	OVC	009			6.00	BR	34	31	33	89	8	04	29.05	29.95						
22	CLR	NC			10.00		32	23	29	69	6	21	29.32	30.24	22	OVC	019			6.00	BR	35	31	33	85	6	06	29.07	29.98						
<b>SUNRISE: 0746</b>						<b>JAN 15</b>						<b>SUNSET: 1733</b>						<b>SUNRISE: 0743</b>						<b>JAN 21</b>						<b>SUNSET: 1740</b>					
01	CLR	NC			10.00		32	22	28	67	0	00	29.33	30.24	01	OVC	013			10.00		35	29	33	79	8	07	29.05	29.96						
04	OVC	065			10.00		35	22	30	59	5	20	29.33	30.24	04	OVC	011			10.00		36	29	33	76	5	06	29.02	29.93						
07	OVC	060			10.00		35	22	30	59	5	21	29.36	30.27	07	OVC	011			10.00		36	30	34	79	7	07	29.00	29.90						
10	OVC	017			10.00		38	23	32	55	3	20	29.41	30.32	10	OVC	080			10.00		39	33	36	79	7	07	28.97	29.87						
13	BKN	050			10.00		45	28	38	51	7	19	29.38	30.30	13	OVC	045			5.00	-RA BR	44	41	43	89	9	08	28.89	29.78						
16	CLR	NC			10.00		49	32	42	52	7	19	29.35	30.26	16	OVC	060			9.00	-RA	44	41	43	89	9	11	28.84	29.74						
19	OVC	049			10.00		45	33	40	63	0	00	29.39	30.29	19	OVC	060			10.00		41	38	40	89	9	09	28.83	29.72						
22	OVC	055			10.00		43	33	39	68	0	00	29.37	30.28	22	FEW	049			10.00		39	36	38	89	3	06	28.81	29.71						
<b>SUNRISE: 0746</b>						<b>JAN 16</b>						<b>SUNSET: 1735</b>						<b>SUNRISE: 0743</b>						<b>JAN 22</b>						<b>SUNSET: 1741</b>					
01	OVC	050			10.00		40	33	37	76	0	00	29.34	30.25	01	BKN	110			10.00		40	35	38	82	5	11	28.79	29.69						
04	OVC	042			10.00		40	32	37	73	0	00	29.35	30.26	04	OVC	027			10.00		41	38	40	89	0	00	28.80	29.70						
07	OVC	039			10.00		38	32	36	79	0	00	29.34	30.24	07	OVC	019			10.00		41	38	40	89	0	00	28.85	29.75						
10	CLR	NC			10.00		41	34	38	76	0	00	29.36	30.27	10	OVC	015			10.00		42	40	41	93	0	00	28.91	29.81						
13	CLR	NC			10.00		52	34	44	50	0	00	29.30	30.21	13	OVC	015			10.00		47	42	45	83	0	00	28.93	29.82						
16	CLR	NC			10.00		54	37	46	53	0	00	29.25	30.15	16	OVC	016			10.00		49	43	46	80	5	34	28.97	29.86						
19	CLR	NC			10.00		50	36	44	59	0	00	29.22	30.13	19	OVC	029			6.00	BR	46	43	45	89	6	07	29.05	29.95						
22	CLR	NC			10.00		47	37	42	68	5	06	29.14	30.05	22	OVC	005			5.00	BR	44	42	43	93	0	00	29.10	30.01						
<b>SUNRISE: 0745</b>						<b>JAN 17</b>						<b>SUNSET: 1736</b>						<b>SUNRISE: 0742</b>						<b>JAN 23</b>						<b>SUNSET: 1742</b>					
01	CLR	NC			10.00		46	38	42	74	7	05	29.04	29.93	01	OVC	005			6.00	BR	44	42	43	93	0	00	29.09	29.99						
04	OVC	080			5.00	-RA BR	43	40	42	89	0	00	28.97	29.86	04	OVC	003			3.00	BR	44	42	43	93	0	00	29.11	30.01						
07	OVC	065			6.00	-RA BR	44	42	43	93	6	07	28.84	29.73	07	VV	001			0.50	FG	44	42	43	93	3	06	29.13	30.03						
10	OVC	003			2.50	-RA BR	44	43	44	96	8	03	28.79	29.68	10	OVC	003			3.00		45	43	44	93	6	11	29.15	30.05						
13	OVC	001			1.50	-RA BR	46	44	45	93	5	04	28.70	29.59	13	BKN	015			10.00		49	42	46	77	6	10	29.08	29.98						
16	OVC	001			1.00	BR	45	43	44	93	8	33	28.69	29.59	16	CLR	NC			10.00		53	41	47	64	5	10	29.03	29.92						
19	OVC	015			1.00	-RA BR	45	43	44	93	6	31	28.78	29.68	19	CLR	NC			10.00		50	39	45	66	6	11	29.00	29.90						
22	OVC	005			7.00		43	41	42	93	6	30	28.86	29.75	22	CLR	NC			10.00		48	37	43	66	8	14	28.95	29.85						
<b>SUNRISE: 0745</b>						<b>JAN 18</b>						<b>SUNSET: 1737</b>						<b>SUNRISE: 0742</b>						<b>JAN 24</b>						<b>SUNSET: 1743</b>					
01	OVC	010			7.00		42	39	41	89	9	29	28.94	29.84	01	CLR	NC			10.00		48	34	42	59	6	16	28.93	29.82						
04	OVC	008			3.00	BR	40	39	40	96	5	25	29.01	29.90	04	BKN	080			10.00		50	33	42	52	13	14	28.85	29.74						
07	OVC	019			8.00		40	37	39	89	7	26	29.08	29.97	07	BKN	120			10.00		51	36	44	57	9	13	28.77	29.65						
10	OVC	011			7.00		39	35	37	86	7	23	29.13	30.04	10	OVC	065			5.00	RA	50	45	48	83	8	14	28.76	29.65						
13	CLR	NC			10.00		45	35	41	68	6	24	29.08	29.98	13	OVC	043			3.00	-RA BR	50	49	49	96	7	35	28.69	29.58						
16	CLR	NC			10.00		51	33	43	50	5	26	29.05	29.96	16	OVC	016			0.50	RA FG	50	49	49	96	3	23	28.66	29.54						
19	CLR	NC			10.00		48	34	42	59	3	21	29.08	29.98	19	OVC	055			0.50	-RA BR	50	49	49	96	6	11	28.58	29.46						
22	CLR	NC			10.00		38	33	36	82	0	00	29.08	29.99	22	OVC	037			1.25	-RA BR	49	48	48	96	5	13	28.52	29.40						

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
JANUARY 2010 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			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			
															WEATHER	WEATHER	
<b>SUNRISE: 0741</b>						<b>JAN 25</b>						<b>SUNSET: 1744</b>					
01	OVC	002			1.50	BR	49	48	48	96	3	20	28.44	29.32			
04	OVC	075			10.00		50	46	48	86	10	24	28.45	29.33			
07	BKN	044			10.00		47	43	45	86	10	25	28.47	29.35			
10	OVC	028			10.00	-RA	41	37	39	86	13	26	28.57	29.46			
13	SCT	075			10.00		43	28	37	56	15	25	28.59	29.47			
16	OVC	050			10.00	-RA	40	29	36	65	11	24	28.61	29.49			
19	OVC	085			10.00		37	24	32	59	9	24	28.70	29.60			
22	OVC	055			7.00	-SN	34	27	31	76	9	25	28.78	29.68			
<b>SUNRISE: 0740</b>						<b>JAN 26</b>						<b>SUNSET: 1746</b>					
01	OVC	033			10.00		35	24	31	64	11	23	28.79	29.69			
04	OVC	033			8.00	-SN	35	24	31	64	14	23	28.81	29.71			
07	OVC	035			10.00		34	23	30	64	11	24	28.82	29.73			
10	VV	010			0.50	-SN FZFG	29	25	28	85	11	27	28.95	29.85			
13	OVC	032			9.00	-SN	32	21	28	64	10	27	28.98	29.89			
16					10.00		30	18	26	61	11	25	29.08	29.98			
19	OVC	036			10.00		29	17	25	61	7	25	29.17	30.09			
22	OVC	060			10.00		28	17	24	63	13	25	29.23	30.15			
<b>SUNRISE: 0739</b>						<b>JAN 27</b>						<b>SUNSET: 1747</b>					
01	OVC	026			10.00		28	18	25	66	13	25	29.25	30.17			
04	OVC	028			10.00		25	15	22	66	11	25	29.28	30.20			
07	OVC	022			10.00		25	16	22	69	9	25	29.34	30.26			
10	OVC	018			10.00		27	19	24	72	9	21	29.40				
13	CLR	NC			10.00		32	18	27	56	11	21	29.37	30.29			
16	CLR	NC			10.00		36	15	29	42	8	22	29.36	30.28			
19	CLR	NC			10.00		34	15	28	46	0	00	29.35	30.27			
22	OVC	095			10.00		33	18	28	54	3	20	29.33				
<b>SUNRISE: 0739</b>						<b>JAN 28</b>						<b>SUNSET: 1748</b>					
01	OVC	050			10.00		34	20	29	57	7	20	29.28	30.19			
04	OVC	041			10.00		36	22	31	57	9	20	29.24	30.15			
07	OVC	055			10.00		38	24	33	57	6	21	29.22	30.14			
10	OVC	038			10.00		39	29	35	67	13	28	29.32	30.24			
13	CLR	NC			10.00		40	16	32	38	14	28	29.35	30.27			
16	CLR	NC			10.00		38	9	29	30	11	33	29.37	30.29			
19	CLR	NC			10.00		29	10	23	45	9	34	29.43	30.35			
22	CLR	NC			10.00		22	9	18	57	8	01	29.49	30.41			
<b>SUNRISE: 0738</b>						<b>JAN 29</b>						<b>SUNSET: 1749</b>					
01	CLR	NC			10.00		18	7	15	62	7	02	29.49	30.42			
04	CLR	NC			10.00		16	6	14	64	3	03	29.51	30.45			
07	CLR	NC			10.00		15	7	13	70	6	04	29.51	30.45			
10	OVC	020			9.00	-SN	17	9	15	71	5	VR	29.52	30.47			
13	CLR	NC			10.00		20	6	16	54	7	02	29.52	30.46			
16	CLR	NC			10.00		20	5	16	52	9	05	29.44	30.38			
19	SCT	110			10.00		20	5	16	52	7	04	29.41	30.35			
22	OVC	090			10.00		20	6	16	54	10	05	29.36	30.29			
<b>SUNRISE: 0737</b>						<b>JAN 30</b>						<b>SUNSET: 1750</b>					
01	OVC	075			10.00		20	6	16	54	10	05	29.27	30.20			
04	VV	007			1.00	-SN BR	17	13	16	84	9	04	29.21	30.15			
07	OVC	013			2.50	-SN BR	17	13	16	84	10	03	29.14	30.08			
10	VV	005			0.50	SN	17	12	16	81	13	04	29.17	30.10			
13	OVC	014			9.00	-SN	19	12	17	74	9	03	29.11	30.04			
16	OVC	018			10.00		21	13	19	71	9	01	29.09	30.03			
19	OVC	033			10.00		21	13	19	71	3	02	29.16	30.09			
22	OVC	037			10.00		22	13	19	68	3	34	29.19	30.12			

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			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			
															WEATHER	WEATHER	
<b>SUNRISE: 0736</b>						<b>JAN 31</b>						<b>SUNSET: 1751</b>					
01	CLR	NC			10.00		17	7	15	65	5	33	29.24	30.17			
04	CLR	NC			10.00		11	5	10	77	0	00	29.26	30.20			
07	CLR	NC			9.00		6	1	5	80	0	00	29.32	30.27			
10	CLR	NC			10.00		13	11	12	92	0	00	29.38	30.32			
13	CLR	NC			10.00		28	8	22	43	6	24	29.34	30.27			
16	CLR	NC			10.00		33	7	25	33	8	27	29.32	30.25			
19	CLR	NC			10.00		30	8	24	39	6	26	29.35	30.28			
22	CLR	NC			10.00		27	8	22	44	5	25	29.40	30.33			

## 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

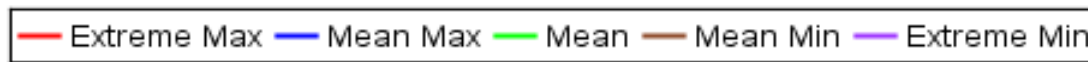
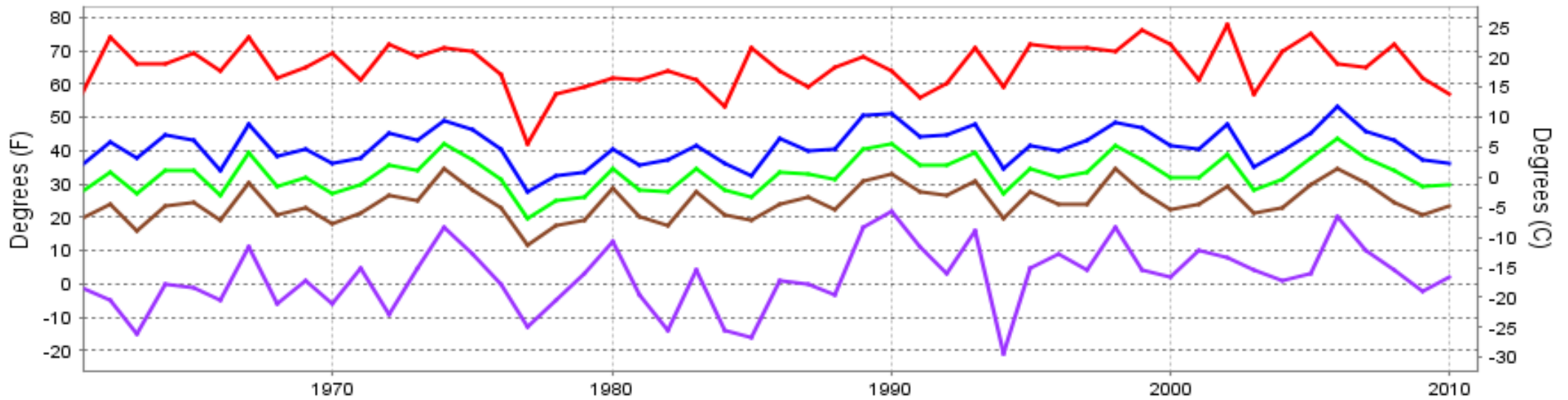
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

## SUMMARY BY HOUR

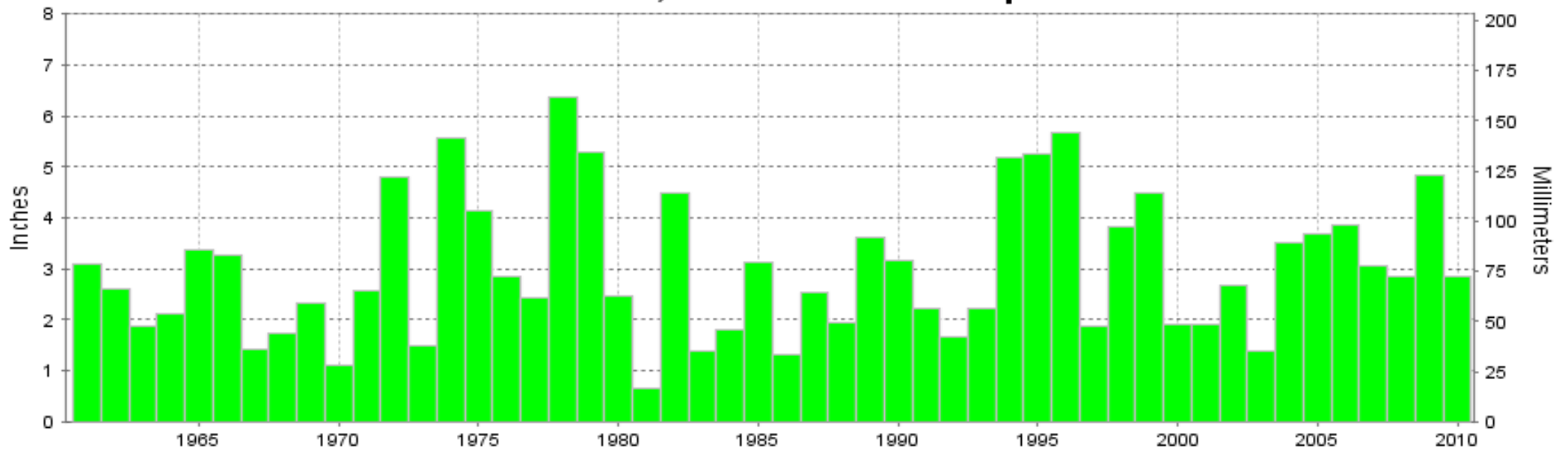
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			29	22	27	76	29.19	30.10	8.25	6	3	25
02			29	21	26	75	29.18	30.10	7.99	6	3	26
03			28	21	26	76	29.19	30.11	8.11	6	3	26
04			28	21	26	77	29.19	30.10	7.74	6	4	26
05			27	21	25	78	29.18	30.10	7.40	6	3	26
06			27	21	25	78	29.19	30.10	7.71	6	3	25
07			27	21	25	78	29.20	30.11	7.44	6	3	26
08			26	21	25	80	29.21	30.13	7.20	6	3	25
09			27	21	25	80	29.22	30.13	6.60	6	3	26
10			28	22	26	79	29.23	30.14	6.86	7	3	26
11			30	22	27	73	29.23	30.15	7.73	6	3	25
12			31	22	28	69	29.22	30.14	8.25	7	4	26
13			33	22	29	66	29.19	30.11	8.53	7	4	26
14			34	22	30	64	29.17	30.09	7.91	7	4	26
15			34	22	30	64	29.17	30.09	7.85	7	3	26
16			34	22	30	64	29.17	30.09	8.15	7	4	26
17			34	22	30	64	29.18	30.10	7.98	6	3	26
18			33	22	29	66	29.19	30.11	8.09	5	3	25
19			32	22	29	67	29.19	30.12	8.21	5	2	25
20			31	22	28	70	29.20	30.12	8.45	5	3	25
21			31	22	28	71	29.20	30.12	8.52	5	2	25
22			30	22	27	74	29.21	30.12	8.17	6	3	26
23			29	22	27	74	29.20	30.12	7.86	6	2	25
24			29	21	26	74	29.20	30.12	7.92	6	2	25

## HUNTINGTON, WV JANUARY Temperatures



Long-Term (1961-2010) Mean: 32.9  
 1971-2000 Normal: 32.7

## HUNTINGTON, WV JANUARY Precipitation



Long-Term (1961-2010) Mean Monthly Total: 3.00

1971-2000 Normal: 3.21



JANUARY 2010  
HUNTINGTON, WV

# 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.*

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