



DECEMBER 2009

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					
																			3-SEC		2-MIN			
20	21	22	23																					
01	50	29	40	-1	28	34	25	0			0.0	0.00	29.18	30.09	3.4	19	3.8	16	20	12	19	01		
02	56	32	44	3	40	42	21	0	TSRA		0.0	0.53	28.81	29.65	2.3	12	4.9	38	24	24	24	02		
03	54	39	47	6	37	40	18	0	RA		0.0	T	28.89	29.86	9.6	25	9.8	40	24	26	25	03		
04	41	32	37	-4	24	31	28	0	HZ		0.0	0.00	29.26	30.18	2.6	26	3.3	16	26	10	26	04		
05	33	22	28	-12	23	27	37	0	SN FZFG BR HZ		0.6	0.10	29.23	30.16	3.0	34	4.1	14	30	10	30	05		
06	34	16	25*	-15	20	24	40	0	BR	T	0.0	0.00	29.39	30.33	1.7	11	1.7	8	10	7	09	06		
07	38	23	31	-8			34	0	SN BR		H	T	29.31		1.8	21	2.5	14	30	10	31	07		
08	46	34	40	1	34	36	25	0	RA BR		0.0	1.10	29.21	30.01	4.9	08	5.6	21	05	17	07	08		
09	58	34	46	7	34	42	19	0	RA BR		0.0	0.70	28.51	29.42	14.0	24	15.8	53*	23	37*	24	09		
10	34	20	27	-11	10	22	38	0	RA SN		T	T	29.06	30.04	13.4	26	13.7	35	25	25	25	10		
11	35	18	27	-11	6	20	38	0			0.0	0.00	29.46	30.42	5.4	23	5.8	17	22	13	22	11		
12	41	14*	28	-10	11	24	37	0			0.0	0.00	29.51	30.42	1.8	11	2.3	8	11	6	10	12		
13	51	35	43	5	40	42	22	0	RA FG BR UP		0.0	0.24	29.15	30.04	1.2	24	2.8	18	25	12	26	13		
14	60*	37	49	12	44	47	16	0	FG+ FG BR		0.0	0.00	29.07	29.96	4.3	20	5.6	22	20	15	21	14		
15	57	29	43	6	33	39	22	0	SN		T	T	29.23	30.19	6.5	30	7.7	23	30	14	26	15		
16	34	21	28	-9	15	24	37	0			0.0	0.00	29.55	30.50	2.5	30	3.6	16	31	12	32	16		
17	42	19	31	-6	16	25	34	0			0.0	0.00	29.47	30.37	1.8	11	2.3	10	12	7	13	17		
18	37	25	31	-5	26	30	34	0	RA DZ SN FG BR		0.8	0.47	29.10	29.97	1.8	05	2.5	9	02	7	03	18		
19	33	32	33	-3	31	32	32	0	SN FG+ FG BR		5	0.58	28.82	29.74	2.9	33	3.2	10	34	7	32	19		
20	32	30	31	-5	28	30	34	0	SN FG BR UP		5	T	0.01	29.13	30.08	3.1	28	4.3	14	30	10	30	20	
21	34	31	33	-3	29	31	32	0	SN BR HZ		5	0.3	T	29.23	30.17	3.7	22	4.1	13	27	9	26	21	
22	37	31	34	-2	30	32	31	0	BR HZ		4	0.0	0.00	29.31	30.24	2.6	06	2.7	9	08	8	05	22	
23	41	31	36	1	30	33	29	0	BR HZ		3	0.0	0.00	29.34	30.27	5.7	06	5.9	13	06	10	05	23	
24	49	30	40	5	28	35	25	0		T		0.0	0.00	29.20	30.09	5.5	07	6.0	16	11	12	12	24	
25	56	41	49*	14	39	43	16	0	RA BR		0	0.0	0.38	28.88	29.77	6.6	13	9.8	30	12	20	13	25	
26	45	31	38	3	20	31	27	0			0	0.0	0.00	29.05	29.97	7.0	20	8.0	22	19	16	20	26	
27	48	30	39	5	22	33	26	0	SN		0	0.1	T	29.00	29.92	7.4	23	8.3	32	25	24	26	27	
28	30	22	26	-8	17	24	39	0	SN BR		T	0.4	0.01	29.12	30.06	10.3	25	10.6	29	25	21	25	28	
29	33	21	27	-7	15	24	38	0	SN		T	T	29.44	30.40	3.6	33	4.6	18	32	14	33	29		
30	42	21	32	-2	18	27	33	0			0	0.0	0.00	29.36	30.26	0.9	08	1.8	10	09	7	19	30	
31	43	33	38	4	36	37	27	0	RA FZRA BR		0	0.0	0.25	29.13	30.04	3.0	22	4.4	26	19	18	20	31	
42.7		27.8	35.3	Σ	26.1	32.0	29.5	0.0	< MONTHLY AVERAGES TOTALS >			7.5	4.37	29.17	30.09	1.9	24	5.5	< MONTHLY AVERAGES					
-2.6		-1.1	-1.8		-----DEPARTURE FROM NORMAL -----						1.00		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 1.10 DATE : 08				SEA LEVEL PRESSURE				DATE		TIME					
MONTHLY									GREATEST 24-HR SNOWFALL : 5.3 DATE : 19				MAXIMUM : 30.56				16		1051					
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 5 DATE : 21+				MINIMUM : 29.25				09		0951					
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 24		PRECIPITATION >= 0.01 INCH : 11							
HEATING : 914 65 1771 9									MAXIMUM TEMP <= 32 : 2		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 9											
COOLING : 0 0 937 -174									THUNDERSTORMS : 1		HEAVY FOG : 2		SNOWFALL >= 1.0 INCH : 1											

DECEMBER 2009
 HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
DECEMBER 2009

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													01												01	0.00	0.00	
02									0.08	0.12	0.11	T	02	T	T							0.11	0.04	0.07	02	0.53	0.53	
03		T	T		T	T							03												03	T	T	
04													04												04	0.00	0.00	
05							T	0.02	0.03	0.02	0.03	T	05	T	T										05	0.10	0.10	
06													06												06	0.00	0.00	
07													07												07	T	T	
08													08												08	0.00*	1.10	
09													09	T	T	T									09	T*	0.70	
10								T	T	T	T	T	10	T											10	T	T	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13		T	0.03	T			0.01	0.01	0.09	0.08	0.01		13		T	T	0.01								13	0.24	0.24	
14													14												14	0.00	0.00	
15													15								T	T			15	T	T	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18		T	0.01	0.01	0.04	0.03	0.07	0.07	0.03	0.04	0.09	0.08	18	0.47	0.47
19	0.04	0.04	0.05	0.09	0.08	0.05	0.02	0.04	0.02	0.03	0.01	0.01	19	0.02	0.02	0.01	0.02	0.01	0.01	T	0.01	T	T	T	19	0.58	0.58	
20	T		0.01		T	T	T	T	T	T	T	T	20	T	T	T									20	0.01	0.01	
21		T	T	T	T	T	T						21												21	T	T	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25	0.03	0.03	0.04	0.01	T	0.01	T	0.06	0.13	0.06	0.01		25												25	0.38	0.38	
26													26												26	0.00	0.00	
27													27								T	T	T	T	27	T	T	
28	T						T	T		T			28						T	T		0.01	T	T	28	0.01	0.01	
29	T	T	T	T	T								29												29	T	T	
30													30												30	0.00	0.00	
31	T	0.07	0.06	0.03	T						0.01		31	0.01	0.02	T			0.01	0.03	T	0.01	T	31	0.25	0.25		

* 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)												
Ending Date												
Ending Time (Hr/Min)												

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 DECEMBER 2009

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:MMS, 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							10.00	10.00	
02							0.50	10.00	
03							9.00	10.00	
04							5.00	10.00	
05							0.50	10.00	
06							4.00	10.00	
07							3.00	10.00	
08							2.00	10.00	
09							3.00	10.00	
10							2.50	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							0.50	10.00	
14							0.25	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							9.00	10.00	
18							0.50	10.00	
19							0.25	1.75	
20							1.00	10.00	
21							3.00	8.00	
22							1.50	7.00	
23							4.00	10.00	
24							10.00	10.00	
25							5.00	10.00	
26							10.00	10.00	
27							2.50	10.00	
28							3.00	10.00	
29							6.00	10.00	
30							10.00	10.00	
31							1.00	10.00	
MONTHLY AVGS							4.74	9.57	
SUNSHINE (Minutes)									
Total : 0					Possible : 17763				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY		Cloudy		Missing			
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0				>= 7.0			
2		16				10			

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2009 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		
																												Observation Time (LST)	Eff Cld Amt Oktas
SUNRISE: 0728 DEC 01						SUNSET: 1710						SUNRISE: 0734 DEC 07						SUNSET: 1710											
01	CLR	NC			10.00	32	29	31	89	5	22	29.18	30.09	01	CLR	NC			8.00	BR	27	22	25	81	3	11	29.31	30.23	
04	CLR	NC			10.00	32	27	30	82	0	00	29.18	30.09	04	CLR	NC			6.00	BR	25	22	24	88	0	00	29.27	30.19	
07	CLR	NC			10.00	30	27	29	89	3	20	29.22	30.14	07	BKN	100			4.00	BR	25	23	24	92	0	00	29.30	30.22	
10	CLR	NC			10.00	37	30	34	76	7	21	29.27	30.19	10	OVC	045			10.00		31	26	29	82	7	19	29.32	30.24	
13	CLR	NC			10.00	47	31	40	54	7	19	29.19	30.10	13	OVC	020			7.00		36	30	34	79	5	22	29.30		
16	CLR	NC			10.00	49	29	41	46	6	19	29.15	30.06	16															
19	CLR	NC			10.00	43	24	36	47	0	00	29.14	30.05	19	OVC	010			5.00	BR	37	35	36	93	5	23	29.38	30.30	
22	CLR	NC			10.00	35	28	32	76	6	11	29.11	30.03	22	OVC	017			10.00		37	32	35	82	3	29	29.40	30.32	
SUNRISE: 0729 DEC 02						SUNSET: 1710						SUNRISE: 0734 DEC 08						SUNSET: 1710											
01	CLR	NC			10.00	34	29	32	82	0	00	29.10	30.01	01	OVC	031			9.00		36	31	34	82	0	00	29.41	30.32	
04	CLR	NC			10.00	33	29	31	85	0	00	29.03	29.93	04	OVC	029			8.00		35	32	34	89	0	00	29.39		
07	SCT	110			10.00	37	31	35	79	3	10	28.99	29.88	07	OVC	029			8.00		34	31	33	89	5	06	29.36	30.28	
10	OVC	060			4.00	40	37	39	89	3	10	28.94	29.84	10	FEW	110			8.00		36	32	34	85	13	09	29.29	30.20	
13	OVC	070			10.00	47	44	46	89	7	09	28.72	29.62	13	OVC	095			10.00		39	32	36	76	7	08	29.20	30.11	
16	SCT	090			10.00	50	47	48	90	8	08	28.53	29.41	16	OVC	070			4.00	-RA BR	38	35	37	89	8	09	29.04	29.95	
19	OVC	070			10.00	52	48	50	86	5	11	28.46	29.34	19	OVC	008			2.00	RA BR	39	38	39	96	6	09	28.91	29.81	
22	OVC	065			6.00	55	49	52	80	10	22	28.50	29.38	22	OVC	045			3.00	RA BR	41	40	41	96	8	11	28.73	29.63	
SUNRISE: 0730 DEC 03						SUNSET: 1710						SUNRISE: 0735 DEC 09						SUNSET: 1710											
01	BKN	047			10.00	53	49	51	86	9	22	28.53	29.41	01	OVC	070			4.00	RA BR	47	44	46	89	9	14	28.54	29.42	
04	OVC	036			10.00	49	39	44	69	20	25	28.69	29.57	04	OVC	075			10.00	-RA	51	49	50	93	7	21	28.46	29.34	
07	OVC	029			10.00	43	36	40	76	8	25	28.86	29.75	07	FEW	048			10.00		54	49	51	83	10	21	28.41	29.29	
10	OVC	016			10.00	42	36	39	79	9	25	28.98	29.87	10	FEW	060			10.00		58	39	49	49	17	22	28.37	29.25	
13	OVC	014			10.00	42	37	40	83	11	26	29.03	29.92	13	BKN	080			10.00		55	37	46	51	22	25	28.40	29.28	
16	OVC	036			10.00	42	35	39	76	6	25	29.09	29.99	16	BKN	060			10.00		48	25	39	41	20	26	28.54	29.42	
19	OVC	036			10.00	41	34	38	76	7	26	29.14	30.05	19	CLR	NC			10.00		38	22	32	53	17	26	28.70	29.59	
22	OVC	044			9.00	40	33	37	76	8	25	29.20	30.11	22	OVC	043			10.00		35	20	30	54	16	24	28.79	29.68	
SUNRISE: 0731 DEC 04						SUNSET: 1710						SUNRISE: 0736 DEC 10						SUNSET: 1710											
01	OVC	032			10.00	39	30	35	70	8	26	29.21	30.12	01	OVC	050			10.00		33	22	29	64	15	28	28.86	29.75	
04	OVC	036			10.00	37	25	32	62	6	29	29.24	30.15	04	OVC	038			10.00		30	17	26	58	14	26	28.94	29.84	
07	OVC	042			10.00	35	22	30	59	8	26	29.30	30.21	07	OVC	030			10.00		26	15	23	63	13	27	29.03	29.93	
10	FEW	044			10.00	35	21	30	57	3	30	29.32	30.24	10	OVC	040			8.00	-SN	25	13	21	60	15	25	29.10	30.02	
13	OVC	039			10.00	39	23	33	53	0	00	29.28	30.19	13	OVC	047			10.00		28	11	23	49	14	26	29.12	30.03	
16	SCT	110			10.00	39	22	33	51	3	VR	29.25	30.16	16	SCT	048			10.00		27	6	21	41	18	26	29.17	30.09	
19	CLR	NC			10.00	36	22	31	57	0	00	29.25	30.16	19	CLR	NC			10.00		24	1	18	37	15	26	29.26	30.19	
22	BKN	100			10.00	33	23	29	67	0	00	29.24	30.15	22	CLR	NC			10.00		22	2	17	42	8	25	29.33	30.26	
SUNRISE: 0732 DEC 05						SUNSET: 1710						SUNRISE: 0737 DEC 11						SUNSET: 1710											
01	OVC	100			10.00	32	21	28	64	7	01	29.22	30.14	01	CLR	NC			10.00		20	4	16	50	7	24	29.38	30.31	
04	OVC	110			10.00	31	20	27	64	6	36	29.18	30.09	04	CLR	NC			10.00		19	5	16	54	6	21	29.43	30.36	
07	OVC	018			2.50	30	22	27	72	7	01	29.20	30.12	07	CLR	NC			10.00		18	4	15	54	5	21	29.44	30.38	
10	OVC	011			0.50	29	26	28	89	5	35	29.23	30.15	10	CLR	NC			10.00		25	7	20	46	8	25	29.53	30.47	
13	OVC	011			2.50	31	26	29	82	8	32	29.22	30.14	13	CLR	NC			10.00		32	8	25	36	9	22	29.50	30.44	
16	BKN	029			7.00	32	25	29	75	6	33	29.24	30.16	16	CLR	NC			10.00		35	7	27	31	8	20	29.49	30.42	
19	FEW	031			10.00	28	20	25	72	3	23	29.29	30.21	19	CLR	NC			10.00		30	7	23	38	3	22	29.52	30.47	
22	CLR	NC			10.00	25	20	23	81	0	00	29.30	30.22	22	CLR	NC			10.00		27	7	21	43	0	00	29.54	30.47	
SUNRISE: 0733 DEC 06						SUNSET: 1710						SUNRISE: 0738 DEC 12						SUNSET: 1710											
01	CLR	NC			4.00	21	19	20	92	0	00	29.33	30.26	01	CLR	NC			10.00		21	10	18	62	0	00	29.54	30.48	
04	CLR	NC			4.00	19	16	18	88	0	00	29.40	30.33	04	CLR	NC			10.00		18	12	16	77	3	10	29.56	30.50	
07	CLR	NC			5.00	17	14	16	88	0	00	29.46	30.39	07	CLR	NC			10.00		14	11	13	88	3	11	29.56	30.50	
10	CLR	NC			4.00	23	21	22	92	0	00	29.47	30.41	10	CLR	NC			10.00		27	14	23	58	0	00	29.60	30.53	
13	FEW	023			10.00	32	21	28	64	3	12	29.41	30.35	13	CLR	NC			10.00		40	7	30	25	0	00	29.51	30.44	
16	CLR	NC			10.00	33	21	29	61	5	11	29.38	30.30	16	CLR	NC			10.00		40	9	30	28	0	00	29.47	30.39	
19	CLR	NC			10.00	31	22	28	69	0	00	29.40	30.33	19	CLR	NC			10.00		37	9	28	31	5	11	29.44	30.36	
22	CLR	NC			9.00	29	22	27	75	3	09	29.36	30.28	22	OVC	085			10.00		37	10	28	33	5	11	29.38	30.30	

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2009 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	
																												Observation Time (LST)
SUNRISE: 0738 DEC 13						SUNSET: 1710						SUNRISE: 0742 DEC 19						SUNSET: 1712										
01	OVC	080			10.00	37	14	29	39	5	21	29.29	30.20	01	OVC	001			1.25	-SN BR	32	31	32	96	5	02	28.82	29.73
04	OVC	060			10.00	37	36	37	96	3	11	29.18	30.09	04	OVC	005			0.50	SN FG	32	31	32	96	3	32	28.77	29.68
07	OVC	090			9.00	39	37	38	93	0	00	29.08	30.00	07	OVC	001			1.75	-SN BR	32	31	32	96	0	00	28.77	29.67
10	OVC	022			0.50	40	39	40	96	0	00	29.08	29.99	10	OVC	004			0.25	-SN FG	32	31	32	96	3	34	28.80	29.71
13	OVC	006			1.00	46	45	46	96	0	00	29.07	29.97	13	OVC	017			0.75	-SN BR	33	31	32	92	5	31	28.80	29.70
16	OVC	032			5.00	50	48	49	93	7	24	29.10	30.01	16	OVC	009			0.75	-SN BR	32	31	32	96	5	32	28.84	29.75
19	OVC	032			10.00	48	45	47	89	5	30	29.15	30.06	19	OVC	015			1.00	-SN BR	32	31	32	96	0	00	28.92	29.82
22	OVC	024			10.00	46	42	44	86	0	00	29.20	30.10	22	OVC	006			1.00	BR	32	31	32	96	5	31	28.95	29.86
SUNRISE: 0739 DEC 14						SUNSET: 1711						SUNRISE: 0743 DEC 20						SUNSET: 1713										
01	OVC	029			7.00	44	42	43	93	3	12	29.16	30.07	01	OVC	007			1.00	BR	32	31	32	96	3	03	28.99	29.90
04	OVC	025			7.00	42	41	42	96	3	09	29.14	30.04	04	OVC	011			5.00	BR	32	30	31	92	7	31	29.05	29.95
07	FEW	001			6.00	40	39	40	96	0	00	29.13	30.03	07	OVC	012			7.00		31	28	30	89	5	32	29.11	30.03
10	VV	001			0.50	45	44	45	96	5	18	29.11	30.02	10	OVC	014			5.00	-SN BR	31	27	30	85	7	30	29.20	30.11
13	CLR	NC			10.00	56	44	50	64	11	21	29.04	29.93	13	OVC	013			4.00	-SN	32	27	30	82	3	28	29.20	30.12
16	CLR	NC			10.00	60	45	52	58	8	19	28.97	29.86	16	OVC	027			10.00		32	26	30	79	6	25	29.21	30.13
19	CLR	NC			10.00	57	43	50	60	7	17	28.96	29.85	19	OVC	049			10.00		31	26	29	82	3	24	29.24	30.16
22	OVC	045			10.00	58	47	52	67	6	28	29.02	29.91	22	OVC	043			9.00		30	28	29	92	3	21	29.24	30.16
SUNRISE: 0740 DEC 15						SUNSET: 1711						SUNRISE: 0743 DEC 21						SUNSET: 1713										
01	OVC	031			10.00	56	47	51	72	5	VR	29.05	29.94	01	OVC	043			7.00		31	28	30	89	3	20	29.23	30.15
04	OVC	044			10.00	52	41	47	66	8	26	29.11	30.00	04	OVC	037			4.00	-SN BR	31	29	30	92	3	17	29.22	30.14
07	OVC	041			10.00	48	38	43	68	8	32	29.16	30.06	07	OVC	017			3.00	BR	31	29	30	92	5	20	29.22	30.14
10	OVC	028			10.00	45	35	41	68	7	33	29.26	30.15	10	OVC	014			4.00	BR	32	29	31	89	3	22	29.25	30.16
13	OVC	020			10.00	40	31	36	70	11	31	29.29	30.19	13	OVC	010			5.00	BR	33	29	31	85	5	25	29.23	30.14
16	OVC	030			10.00	38	27	34	65	6	30	29.36	30.27	16	OVC	018			7.00		33	28	31	82	5	24	29.25	30.16
19	OVC	041			10.00	37	27	33	67	7	23	29.41	30.33	19	OVC	035			7.00		33	29	31	85	3	22	29.28	30.20
22	OVC	047			10.00	35	25	31	67	11	29	29.49	30.40	22	OVC	039			7.00		33	28	31	82	5	24	29.32	30.24
SUNRISE: 0741 DEC 16						SUNSET: 1711						SUNRISE: 0744 DEC 22						SUNSET: 1714										
01	FEW	028			10.00	27	17	24	66	6	30	29.52	30.45	01	OVC	029			4.00	BR	32	29	31	89	0	00	29.30	30.22
04	CLR	NC			10.00	25	17	23	72	6	30	29.56	30.49	04	OVC	025			2.00	BR	31	30	31	96	0	00	29.30	30.22
07	CLR	NC			10.00	22	15	20	74	6	31	29.58	30.51	07	OVC	025			3.00	BR	31	30	31	96	0	00	29.33	30.25
10	CLR	NC			10.00	26	16	23	66	7	VR	29.63	30.56	10	BKN	110			4.00	BR	33	30	32	89	5	11	29.36	30.28
13	CLR	NC			10.00	31	16	26	54	5	VR	29.58	30.51	13	BKN	065			7.00		36	30	34	79	3	07	29.32	30.24
16	CLR	NC			10.00	34	13	27	42	3	VR	29.55	30.48	16	OVC	085			7.00		37	31	35	79	6	06	29.29	30.21
19	CLR	NC			10.00	30	13	25	49	0	00	29.55	30.49	19	CLR	NC			6.00	BR	34	30	32	85	6	05	29.31	30.23
22	CLR	NC			10.00	26	15	23	63	0	00	29.53	30.47	22	CLR	NC			4.00	BR	32	30	31	92	7	06	29.34	30.25
SUNRISE: 0741 DEC 17						SUNSET: 1711						SUNRISE: 0744 DEC 23						SUNSET: 1714										
01	CLR	NC			10.00	22	16	20	78	0	00	29.53	30.47	01	CLR	NC			4.00	BR	32	30	31	92	5	07	29.33	30.25
04	CLR	NC			10.00	20	15	19	81	5	07	29.54	30.47	04	OVC	043			4.00	BR	32	30	31	92	5	06	29.35	30.27
07	CLR	NC			9.00	20	17	19	88	0	00	29.54	30.47	07	OVC	110			5.00	BR	32	29	31	89	6	05	29.36	30.28
10	CLR	NC			10.00	27	17	24	66	3	12	29.54	30.47	10	OVC	008			5.00	BR	33	30	32	89	6	07	29.40	30.32
13	CLR	NC			10.00	38	14	30	37	3	15	29.47	30.39	13	BKN	100			8.00		38	31	35	76	3	13	29.37	30.28
16	CLR	NC			10.00	42	15	33	33	3	11	29.38	30.30	16	SCT	090			10.00		41	32	37	70	5	05	29.33	30.25
19	CLR	NC			10.00	37	15	30	41	3	10	29.36	30.28	19	CLR	NC			10.00		38	30	35	73	7	06	29.35	30.26
22	CLR	NC			10.00	30	18	26	61	0	00	29.30	30.23	22	CLR	NC			10.00		34	28	32	79	9	05	29.34	30.26
SUNRISE: 0742 DEC 18						SUNSET: 1712						SUNRISE: 0745 DEC 24						SUNSET: 1715										
01	CLR	NC			10.00	27	19	24	72	0	00	29.27	30.18	01	CLR	NC			10.00		31	26	29	82	8	06	29.28	30.20
04	FEW	110			10.00	27	21	25	78	0	00	29.21	30.12	04	OVC	095			10.00		30	25	28	82	6	04	29.29	30.20
07	OVC	100			10.00	31	22	28	69	0	00	29.17	30.09	07	OVC	110			10.00		31	24	28	75	8	04	29.26	30.17
10	CLR	NC			10.00	33	23	29	67	3	07	29.12	30.03	10	CLR	NC			10.00		33	26	30	75	6	07	29.27	30.19
13	FEW	055			10.00	36	24	32	62	5	08	29.02	29.92	13	BKN	100			10.00		44	32	39	63	5	08	29.18	30.09
16	OVC	044			6.00	35	31	33	85	3	17	28.97	29.88	16	CLR	NC			10.00		49	34	42	56	6	08	29.10	30.01
19	OVC	028			3.00	34	33	34	96	0	00	28.95	29.85	19	CLR	NC			10.00		46	32	40	58	7	09	29.10	30.01
22	OVC	008			1.00	34	32	33	92	5	05	28.88	29.79	22	CLR	NC			10.00		46	27	38	48	8	10	29.05	29.96

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
DECEMBER 2009 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
SUNRISE: 0745 DEC 25						SUNSET: 1715							
01	OVC	085			5.00 RA	45	36	41	71	10	13	29.01	29.91
04	OVC	110			10.00	42	36	39	79	11	10	28.93	29.82
07	OVC	090			10.00 -RA	44	35	40	71	7	12	28.90	29.80
10	OVC	085			7.00 -RA	44	40	42	86	8	10	28.84	29.74
13	BKN	060			10.00	52	43	48	72	9	14	28.81	29.69
16	BKN	042			10.00	55	42	49	62	10	14	28.77	29.66
19	OVC	080			10.00	51	41	46	69	8	17	28.83	29.72
22	OVC	028			10.00	43	37	40	79	7	26	28.94	29.84
SUNRISE: 0746 DEC 26						SUNSET: 1716							
01	BKN	033			10.00	41	30	36	65	9	23	29.00	29.89
04	SCT	032			10.00	35	25	31	67	8	23	29.08	29.97
07	CLR	NC			10.00	31	23	28	72	7	20	29.12	30.02
10	CLR	NC			10.00	35	20	30	54	10	21	29.14	30.05
13	CLR	NC			10.00	41	16	32	36	16	18	29.08	29.97
16	CLR	NC			10.00	45	15	34	30	10	19	29.02	29.92
19	CLR	NC			10.00	41	15	32	35	6	17	29.02	29.92
22	CLR	NC			10.00	38	18	31	44	7	19	29.05	29.95
SUNRISE: 0746 DEC 27						SUNSET: 1717							
01	CLR	NC			10.00	37	18	30	46	6	21	29.05	29.96
04	OVC	060			10.00	37	19	31	48	3	23	29.10	30.01
07	BKN	065			10.00	36	21	31	55	3	21	29.08	29.99
10	CLR	NC			10.00	39	21	32	48	6	21	29.08	29.98
13	CLR	NC			10.00	46	20	36	36	14	20	28.98	29.88
16	OVC	070			10.00	47	21	37	36	8	21	28.92	29.81
19	OVC	070			10.00	45	23	36	42	10	27	28.92	29.82
22	OVC	037			5.00 -SN	33	27	31	79	11	26	29.02	29.93
SUNRISE: 0746 DEC 28						SUNSET: 1717							
01	OVC	034			10.00	29	18	25	63	13	26	29.07	29.98
04	OVC	035			10.00	26	14	22	60	8	26	29.09	30.01
07	OVC	024			9.00 -SN	24	15	21	68	9	25	29.13	30.04
10	OVC	030			10.00	23	14	20	68	8	23	29.17	30.09
13	OVC	034			10.00	28	14	24	56	9	23	29.10	30.03
16	OVC	026			10.00	28	18	25	66	17	25	29.11	30.03
19	OVC	018			9.00	27	21	25	78	8	25	29.19	30.11
22	OVC	055			10.00	28	23	26	82	7	25	29.24	30.16
SUNRISE: 0747 DEC 29						SUNSET: 1718							
01	OVC	046			9.00	29	23	27	78	7	27	29.29	30.22
04	OVC	034			6.00 -SN	27	20	25	75	7	30	29.38	30.30
07	OVC	037			10.00	27	15	23	61	6	30	29.44	30.37
10	OVC	039			10.00	28	14	24	56	6	35	29.53	30.46
13	BKN	033			10.00	29	15	25	56	6	31	29.52	30.46
16	CLR	NC			10.00	32	14	26	47	3	VR	29.50	30.43
19	CLR	NC			10.00	28	14	24	56	0	00	29.50	30.43
22	CLR	NC			10.00	24	14	21	66	3	06	29.52	30.46
SUNRISE: 0747 DEC 30						SUNSET: 1719							
01	CLR	NC			10.00	22	16	20	78	3	06	29.49	30.43
04	CLR	NC			10.00	23	16	21	74	3	05	29.47	30.40
07	CLR	NC			10.00	24	15	21	68	0	00	29.44	30.37
10	CLR	NC			10.00	27	18	24	69	0	00	29.43	30.36
13	OVC	095			10.00	38	18	31	44	0	00	29.32	30.24
16	BKN	065			10.00	42	20	34	41	0	00	29.25	30.17
19	OVC	060			10.00	39	21	32	48	3	02	29.22	30.14
22	OVC	055			10.00	39	21	32	48	0	00	29.21	30.13

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
SUNRISE: 0747 DEC 31						SUNSET: 1719							
01	OVC	041			10.00 -RA	42	26	36	53	9	20	29.19	30.10
04	OVC	029			2.50 -RA BR	33	32	33	96	0	00	29.14	30.05
07	OVC	021			8.00	34	33	34	96	0	00	29.13	30.04
10	OVC	024			10.00	37	35	36	93	6	19	29.14	30.06
13	OVC	017			6.00 BR	40	39	40	96	6	19	29.09	30.00
16	OVC	005			10.00	42	40	41	93	3	21	29.08	29.99
19	OVC	043			1.00 -RA BR	41	38	40	89	7	30	29.13	30.04
22	OVC	042			10.00	40	36	38	86	8	29	29.15	30.06

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

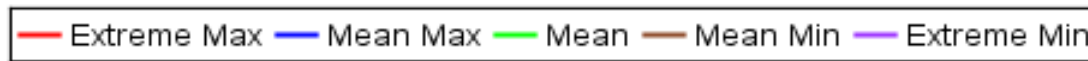
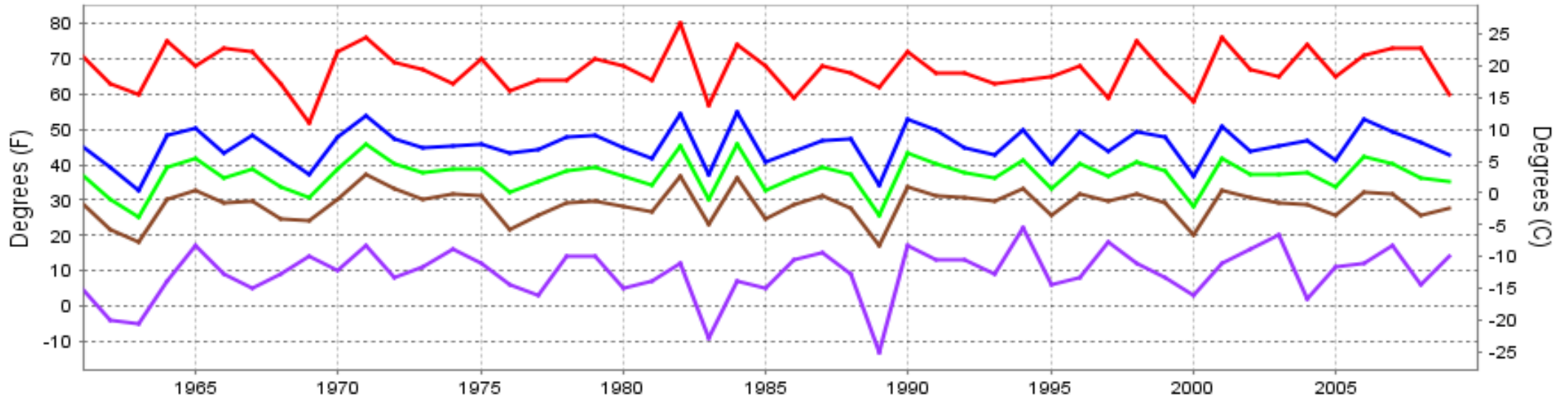
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

SUMMARY BY HOUR

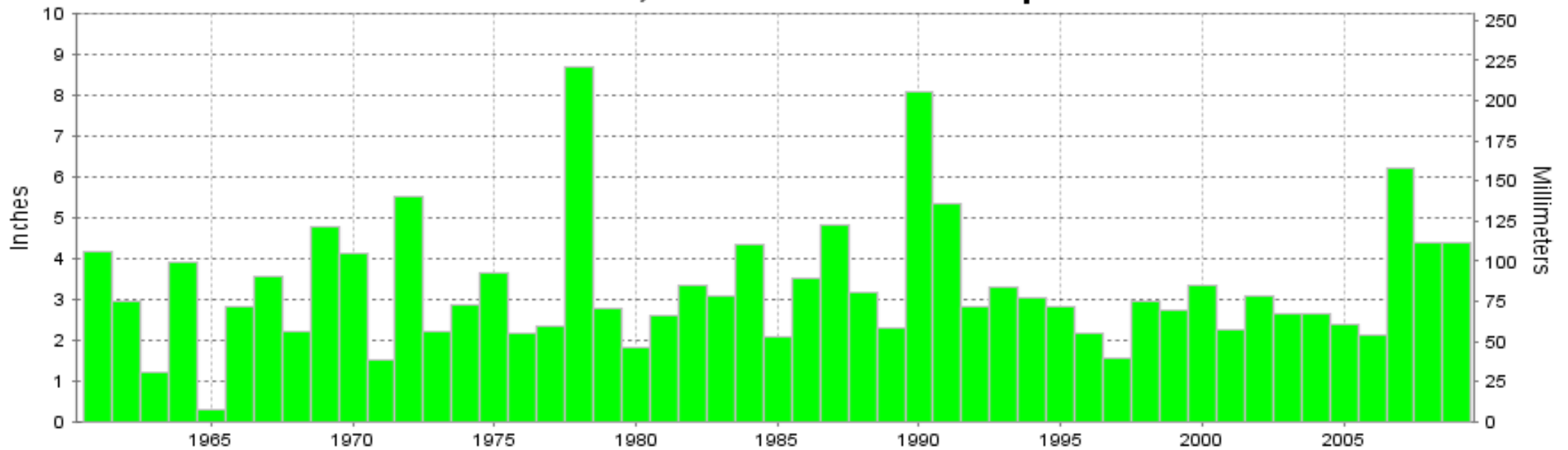
HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)			
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	DIRECTION	
							STATION	SEA LEVEL				
01			34	26	31	75	29.18	30.09	8.17	5	2	22
02			33	26	30	78	29.18	30.08	7.84	5	5	24
03			32	26	30	79	29.18	30.09	8.07	4	3	22
04			32	26	30	79	29.18	30.09	8.03	5	3	23
05			32	26	30	79	29.18	30.10	8.10	5	3	22
06			31	25	29	79	29.18	30.10	8.27	5	2	22
07			31	25	29	79	29.20	30.11	8.07	4	3	22
08			31	25	29	80	29.20	30.12	7.62	5	2	22
09			32	26	30	78	29.21	30.13	7.23	6	3	23
10			34	26	31	75	29.22	30.13	7.44	6	2	22
11			36	26	32	71	29.22	30.13	7.82	7	3	24
12			38	27	34	67	29.19	30.10	7.95	7	3	23
13			39	27	34	64	29.17	30.08	8.43	7	3	24
14			40	26	35	61	29.15	30.06	9.03	7	3	24
15			40	26	35	61	29.14	30.05	9.06	7	2	23
16			40	26	35	61	29.15	30.06	8.89	7	3	23
17			39	26	35	64	29.16	30.07	8.56	5	3	24
18			38	26	34	65	29.16	30.07	8.70	5	3	23
19			38	26	33	66	29.17	30.08	8.52	5	2	23
20			37	26	33	69	29.18	30.09	8.69	5	2	22
21			36	27	33	71	29.18	30.09	8.45	5	2	23
22			35	26	32	71	29.18	30.10	8.52	5	3	23
23			35	26	32	74	29.18	30.10	8.52	5	3	23
24			34	26	31	75	29.18	30.09	8.21	5	3	23

HUNTINGTON, WV DECEMBER Temperatures



Long-Term (1961-2009) Mean: 37.2
 1971-2000 Normal: 37.1

HUNTINGTON, WV DECEMBER Precipitation



Long-Term (1961-2009) Mean Monthly Total: 3.29

1971-2000 Normal: 3.37



DECEMBER 2009
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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