



# AUGUST 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 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	24																																											
01	86	67	77	2	67	69	0	12	FG+ FG BR HZ	0		0.0	0.00	29.01	29.90	1.9	05	1.9	22	03	21	03	01																								
02	90	65	78	3	68	71	0	13	FG+ FG BR HZ	0		0.0	0.00	29.11	30.00	0.2	12	1.3	12	29	9	30	02																								
03	91	70	81	6	72	74	0	16	RA BR HZ	0		0.0	T	29.13	30.00	2.5	19	3.5	15	19	12	20	03																								
04	96*	73	85*	10	73	75	0	20	TS TSRA RA BR HZ	0		0.0	0.31	29.04	29.90	3.2	19	5.8	46*	32	25	33	04																								
05	86	71	79	4	71	73	0	14	TS TSRA RA BR	0		0.0	0.28	28.95	29.82	3.8	23	5.0	43	32	26	31	05																								
06	85	68	77	2	65	69	0	12	FG BR HZ	0		0.0	0.00	29.00	29.89	1.7	31	3.1	15	33	10	33	06																								
07	84	62	73	-2	61	65	0	8	FG+ FG BR	0		0.0	0.00	29.08	29.97	0.5	05	1.4	14	05	7	03	07																								
08	86	62	74	-1	63	67	0	9	FG+ FG BR HZ	0		0.0	0.00	29.10	29.97	0.4	14	1.6	18	34	8	19	08																								
09	90	63	77	2	67	70	0	12	FG+ FG BR HZ	0		0.0	0.00	29.11	29.98	0.4	15	1.3	25	21	8	19	09																								
10	94	69	82	7	72	75	0	17	BR HZ	0		0.0	0.00	29.08	29.95	1.0	22	1.9	9	25	7	24	10																								
11	95	72	84	9	74	76	0	19	TS TSRA RA BR HZ	0		0.0	0.35	29.03	29.89	2.8	22	4.1	28	02	18	05	11																								
12	92	72	82	7	73	75	0	17	BR	0		0.0	0.00	28.96	29.82	0.8	25	1.6	13	30	8	31	12																								
13	93	71	82	8	72	74	0	17	FG+ BR	0		0.0	0.00	28.97	29.84	0.5	14	1.3		7	10	13																									
14	93	72	83	9	72	75	0	18	TS TSRA RA FG+ FG BR	0		0.0	1.38	29.00	29.88	3.2	17	4.9	41	30	28	29	14																								
15	89	71	80	6	74	76	0	15	TS TSRA RA BR	0		0.0	T	29.05	29.92	1.8	21	3.1	14	25	9	19	15																								
16	87	69	78	4	68	72	0	13	FG+ FG BR	0		0.0	0.00	29.10	29.99	1.4	34	3.2	18	02	9	05	16																								
17	85	67	76	2	61	66	0	11		0		0.0	0.00	29.18	30.05	2.1	03	2.7	13	34	9	05	17																								
18	75	66	71	-3	64	66	0	6	RA FG+ FG BR	0		0.0	0.04	29.15	30.03	0.8	12	1.3	10	14	8	14	18																								
19	85	64	75	1	65	67	0	10	FG+ FG BR	0		0.0	0.00	29.08	29.95	0.9	03	1.9	13	35	9	36	19																								
20	89	63	76	2	66	69	0	11	BR	0		0.0	0.00	29.08	29.95	1.6	11	2.2	14	10	8	12	20																								
21	83	67	75	1	70	72	0	10	TS TSRA RA BR VCTS	0		0.0	0.10	29.00	29.87	3.5	18	4.6	44	21	31*	22	21																								
22	84	69	77	3	69	71	0	12	RA BR HZ	0		0.0	T	29.05	29.93	2.2	32	2.9	15	31	9	34	22																								
23	81	65	73	-1	65	67	0	8	RA BR	0		0.0	0.01	29.08	29.96	2.7	36	3.6	15	04	9	04	23																								
24	78	64	71	-3	62	65	0	6	RA BR	0		0.0	0.02	29.06	29.94	3.8	03	4.0	16	01	12	35	24																								
25	83	64	74	1	65	68	0	9	RA BR	0		0.0	0.02	29.08	29.96	1.1	32	2.4	26	28	9	35	25																								
26	82	61	72	0	59	63	0	7	RA	0		0.0	T	29.18	30.08	2.9	34	3.7	14	34	10	33	26																								
27	83	58	71*	-1	58	62	0	6	BR	0		0.0	0.00	29.23	30.12	1.9	36	2.3	16	01	9	33	27																								
28	88	57*	73	1	60	65	0	8	FG+ BR	0		0.0	0.00	29.26	30.15	1.2	04	1.7	12	32	8	03	28																								
29	91	62	77	5	65	68	0	12	BR	0		0.0	0.00	29.32	30.21	1.0	11	1.5	12	11	8	11	29																								
30	92	65	79	7	65	69	0	14	BR	0		0.0	0.00	29.36	30.24	1.1	12	1.5	13	11	9	11	30																								
31	92	63	78	7	65	69	0	13	FG BR	0		0.0	0.00	29.29	30.17	1.2	19	1.7	15	21	9	17	31																								
87.4		66.2		76.8		66.8		69.8		0.0		12.1		< MONTHLY AVERAGES   TOTALS >		0.0		2.51		29.10		29.98		0.1		21		2.7		< MONTHLY AVERAGES																	
3.7		2.1		2.9		<----- DEPARTURE FROM NORMAL ----->																				-1.37		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
<b>DEGREE DAYS</b>										GREATEST 24-HR PRECIPITATION : 1.38 DATE : 14										SEA LEVEL PRESSURE																											
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.30					DATE TIME																											
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.76					12 1751																											
HEATING :		0		-2		0		-4		NUMBER OF		MAXIMUM TEMP >= 90 : 12		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 9																															
COOLING :		375		81		1226		264		-> DAYS WITH		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 5																															
										THUNDERSTORMS : 6		HEAVY FOG : 11				SNOWFALL >= 1.0 INCH : 0																															

AUGUST 2010  
HUNTINGTON, WV

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
AUGUST 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													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03													03												03	T	T	
04													04												04	0.31	0.31	
05	0.05	T			T							0.12	05	0.11	T									05	0.28	0.28		
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	0.35	0.35	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14													14												14	1.38	1.38	
15	T	T	T	T									15												15	T	T	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	0.04	0.04	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21	T	T										21	0.10	0.10	
22													22												22	T	T	
23													23												23	0.01	0.01	
24													24												24	0.02	0.02	
25													25												25	0.02	0.02	
26	T	T											26												26	T	T	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
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)	0.50	0.71	0.88	0.96	1.07	1.10	1.11	1.17	1.24	1.29	1.36	1.37
Ending Date	14	14	14	14	14	14	14	14	14	14	14	14
Ending Time (Hr/Min)	2034	2037	2039	2044	2054	2107	2123	2143	2202	2224	2249	2304

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 AUGUST 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							0.00	10.00	
02							0.25	10.00	
03							2.00	10.00	
04							5.00	10.00	
05							2.00	10.00	
06							2.00	10.00	
07							0.00	10.00	
08							0.00	10.00	
09							0.50	10.00	
10							1.75	8.00	
11							0.75	9.00	
12							0.75	10.00	
13							0.00	10.00	
14							2.00	10.00	
15							4.00	10.00	
16							0.75	10.00	
17							10.00	10.00	
18							0.25	10.00	
19							0.00	10.00	
20							0.75	10.00	
21							4.00	10.00	
22							3.00	10.00	
23							3.00	10.00	
24							5.00	10.00	
25							3.00	10.00	
26							8.00	10.00	
27							4.00	10.00	
28							0.00	10.00	
29							3.00	10.00	
30							2.00	10.00	
31							2.00	10.00	
MONTHLY AVGS							2.25	9.90	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 25341				
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		
8			24				2		

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
AUGUST 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		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		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
<b>SUNRISE: 0532 AUG 01</b>						<b>SUNSET: 1941</b>						<b>SUNRISE: 0537 AUG 07</b>						<b>SUNSET: 1935</b>											
01	BKN	090			7.00	BR	70	67	68	90	3	07	28.98	29.85	01	FEW	070			7.00	BR	67	64	65	90	0	00	29.07	29.93
04	FEW	065			3.00	BR	68	66	67	93	0	00	28.98	29.85	04	CLR	NC			4.00	BR	65	63	64	93	0	00	29.08	29.95
07	VV	001			0.25	FG	68	67	67	97	3	04	29.02	29.88	07	VV	001			0.00	FG	64	63	63	97	5	34	29.10	29.98
10	OVC	005			6.00	HZ	73	68	70	84	3	02	29.05	29.91	10	CLR	NC			10.00		77	62	67	60	0	00	29.12	29.99
13	FEW	060			10.00		82	64	70	55	0	00	29.04	29.91	13	SCT	050			10.00		82	60	68	47	5	VR	29.11	29.99
16	CLR	NC			8.00		85	64	71	49	0	00	29.03	29.89	16	FEW	060			10.00		81	55	65	41	0	00	29.08	29.95
19	CLR	NC			7.00		80	67	71	65	0	00	29.04	29.91	19	CLR	NC			10.00		79	59	66	50	0	00	29.07	29.94
22	CLR	NC			5.00	BR	73	69	70	87	0	00	29.07	29.94	22	CLR	NC			7.00		69	64	66	84	0	00	29.10	29.98
<b>SUNRISE: 0533 AUG 02</b>						<b>SUNSET: 1940</b>						<b>SUNRISE: 0538 AUG 08</b>						<b>SUNSET: 1934</b>											
01	CLR	NC			3.00	BR	69	67	68	93	0	00	29.09	29.96	01	CLR	NC			8.00		64	62	63	93	0	00	29.10	29.97
04	CLR	NC			2.00	BR	67	66	66	97	0	00	29.09	29.97	04	CLR	NC			7.00		64	62	63	93	0	00	29.08	29.96
07	CLR	NC			0.25	FG	67	66	66	97	0	00	29.13	30.01	07	VV	001			0.00	FG	63	63	63	100	0	00	29.11	29.99
10	CLR	NC			10.00		80	69	73	69	0	00	29.15	30.02	10	CLR	NC			10.00		78	64	69	62	0	00	29.13	30.01
13	SCT	055			10.00		87	69	75	55	0	00	29.14	30.01	13	FEW	050			10.00		86	62	70	45	3	VR	29.10	29.98
16	BKN	065			9.00		88	66	73	48	0	00	29.11	29.99	16	CLR	NC			7.00		86	60	69	42	6	24	29.08	29.94
19	CLR	NC			8.00		83	68	73	61	3	03	29.11	29.98	19	CLR	NC			6.00	HZ	82	64	70	55	0	00	29.07	29.94
22	CLR	NC			6.00	HZ	76	71	73	85	0	00	29.15	30.02	22	CLR	NC			4.00	HZ	72	67	69	84	0	00	29.09	29.97
<b>SUNRISE: 0534 AUG 03</b>						<b>SUNSET: 1939</b>						<b>SUNRISE: 0539 AUG 09</b>						<b>SUNSET: 1933</b>											
01	CLR	NC			5.00	BR	72	70	71	93	0	00	29.15	30.02	01	CLR	NC			1.50	BR	68	66	67	93	0	00	29.11	29.98
04	CLR	NC			2.00	BR	71	69	70	93	5	12	29.12	30.00	04	CLR	NC			2.00	BR	66	64	65	93	0	00	29.11	29.98
07	CLR	NC			2.00	BR	73	70	71	90	0	00	29.16	30.03	07	CLR	NC			1.25	BR	66	64	65	93	0	00	29.13	30.01
10	FEW	050			7.00		85	75	78	72	6	20	29.19	30.06	10	CLR	NC			6.00	HZ	78	69	72	74	0	00	29.15	30.02
13	BKN	049			8.00		88	74	78	63	5	VR	29.15	30.02	13	CLR	NC			8.00		88	65	73	47	7	VR	29.13	30.01
16	FEW	042			9.00		90	72	77	56	9	20	29.11	29.98	16	CLR	NC			10.00		89	65	73	45	0	00	29.09	29.96
19	CLR	NC			7.00		84	73	76	70	3	21	29.08	29.95	19	CLR	NC			10.00		85	67	73	55	0	00	29.08	29.95
22	BKN	095			8.00		82	72	75	72	0	00	29.09	29.96	22	CLR	NC			6.00	BR	74	70	71	87	0	00	29.10	29.97
<b>SUNRISE: 0535 AUG 04</b>						<b>SUNSET: 1938</b>						<b>SUNRISE: 0540 AUG 10</b>						<b>SUNSET: 1932</b>											
01	FEW	120			6.00	HZ	78	73	75	85	0	00	29.08	29.93	01	CLR	NC			4.00	BR	72	69	70	90	0	00	29.09	29.96
04	BKN	120			6.00	HZ	78	72	74	82	3	17	29.05	29.92	04	CLR	NC			2.50	BR	70	68	69	93	0	00	29.08	29.95
07	BKN	065			8.00	BR	78	73	75	85	3	13	29.08	29.95	07	CLR	NC			2.50	BR	71	69	70	93	0	00	29.10	29.97
10	CLR	NC			7.00		85	74	77	70	8	19	29.08	29.94	10	CLR	NC			6.00	HZ	84	74	77	72	3	13	29.11	29.98
13	CLR	NC			9.00		94	76	81	56	9	24	29.04	29.89	13	FEW	075			8.00		92	72	78	52	5	VR	29.09	29.96
16	FEW	047			10.00		92	75	80	58	7	25	28.96	29.82	16	SCT	065			7.00		92	73	78	54	0	00	29.05	29.92
19	CLR	NC			10.00		75	71	72	87	11	11	29.00	29.87	19	CLR	NC			8.00		89	73	78	59	0	00	29.04	29.90
22	CLR	NC			10.00		73	70	71	90	3	16	29.01	29.87	22	CLR	NC			4.00	BR	80	76	77	88	0	00	29.07	29.93
<b>SUNRISE: 0536 AUG 05</b>						<b>SUNSET: 1937</b>						<b>SUNRISE: 0541 AUG 11</b>						<b>SUNSET: 1930</b>											
01	OVC	045			5.00	TSRA BR	73	70	71	90	10	34	29.03	29.89	01	FEW	050			2.50	BR	78	76	77	94	5	21	29.07	29.92
04	FEW	036			7.00		72	70	71	93	3	17	28.97	29.83	04	CLR	NC			2.50	BR	77	75	76	94	3	18	29.04	29.90
07	FEW	070			8.00		74	70	71	87	7	20	28.95	29.81	07	FEW	085			2.00	BR	77	75	76	94	0	00	29.08	29.93
10	CLR	NC			10.00		84	72	76	67	8	25	28.96	29.82	10	CLR	NC			6.00	HZ	86	76	79	72	0	00	29.05	29.92
13	SCT	031			10.00	TSRA	73	70	71	90	5	19	28.96	29.82	13	CLR	NC			8.00		93	75	80	56	9	22	29.02	29.88
16	SCT	021			10.00		81	72	75	74	7	25	28.93	29.80	16	OVC	041			6.00	-RA BR	76	72	73	87	7	07	29.01	29.88
19	CLR	NC			10.00		80	73	75	79	5	24	28.92	29.78	19	OVC	023			4.00	-RA BR	74	73	73	97	0	00	29.02	29.88
22	CLR	NC			7.00		74	72	73	94	0	00	28.97	29.83	22	SCT	002			5.00	BR	73	71	72	93	5	22	29.02	29.88
<b>SUNRISE: 0536 AUG 06</b>						<b>SUNSET: 1936</b>						<b>SUNRISE: 0542 AUG 12</b>						<b>SUNSET: 1929</b>											
01	CLR	NC			6.00	BR	73	71	72	93	5	22	28.98	29.85	01	OVC	002			0.75	BR	72	71	71	97	0	00	28.99	29.85
04	CLR	NC			5.00	BR	72	70	71	93	0	00	28.98	29.84	04	OVC	002			1.25	BR	72	71	71	97	3	20	28.98	29.84
07	CLR	NC			2.00	BR	72	70	71	93	0	00	29.02	29.88	07	OVC	035			0.75	BR	73	71	72	93	0	00	29.00	29.86
10	CLR	NC			10.00		79	64	69	60	0	00	29.05	29.92	10	FEW	012			10.00		81	74	76	79	0	00	29.01	29.87
13	CLR	NC			10.00		83	61	69	48	9	32	29.04	29.91	13	SCT	039			8.00		88	75	79	65	5	25	28.97	29.83
16	FEW	060			10.00		83	61	69	48	6	27	29.00	29.87	16	FEW	035			10.00		91	72	77	54	5	VR	28.92	29.78
19	CLR	NC			9.00		78	63	68	60	3	35	29.01	29.87	19	CLR	NC			10.00		87	72	76	61	3	32	28.91	29.77
22	OVC	065			10.00		73	64	67	74	0	00	29.07	29.93	22	CLR	NC			4.00	BR	77	75	76	94	0	00	28.95	29.81

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV AUGUST 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		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
<b>SUNRISE: 0543 AUG 13</b>						<b>SUNSET: 1928</b>						<b>SUNRISE: 0548 AUG 19</b>						<b>SUNSET: 1920</b>											
01	BKN	050			1.25	BR	74	73	73	97	0	00	28.96	29.82	01	BKN	017			0.50	FG	66	65	65	97	0	00	29.10	29.98
04	BKN	027			0.25	FG	72	71	71	97	0	00	28.96	29.82	04	OVC	007			0.00	FG	64	63	63	97	0	00	29.07	29.94
07	VV	001			0.00	FG	72	71	71	97	0	00	29.00	29.86	07	VV	001			0.00	FG	67	66	66	97	3	02	29.09	29.97
10	CLR	NC			9.00		82	75	77	79	0	00	29.01	29.87	10	OVC	003			1.00	BR	70	67	68	90	5	03	29.09	29.97
13	SCT	043			10.00		91	69	76	49	3	27	29.00	29.85	13	SCT	015			10.00		80	67	71	65	0	00	29.08	29.96
16	FEW	060			10.00		93	67	75	43	0	00	28.96	29.82	16	FEW	038			10.00		84	65	71	53	6	36	29.05	29.92
19	CLR	NC			10.00		86	71	76	61	0	00	28.94	29.80	19	CLR	NC			10.00		79	64	69	60	3	01	29.05	29.91
22	CLR	NC			6.00	BR	77	74	75	91	0	00	28.99	29.85	22	CLR	NC			8.00		69	66	67	90	3	20	29.08	29.96
<b>SUNRISE: 0543 AUG 14</b>						<b>SUNSET: 1927</b>						<b>SUNRISE: 0549 AUG 20</b>						<b>SUNSET: 1919</b>											
01	FEW	085			3.00	BR	75	73	74	94	3	11	28.99	29.85	01	CLR	NC			3.00	BR	66	64	65	93	0	00	29.08	29.96
04	SCT	065			6.00	BR	74	71	72	90	0	00	29.01	29.87	04	CLR	NC			1.25	BR	63	62	62	97	3	10	29.09	29.97
07	CLR	NC			7.00		76	70	72	82	0	00	29.04	29.90	07	CLR	NC			3.00	BR	67	64	65	90	0	00	29.11	29.98
10	FEW	060			9.00		85	72	76	65	8	19	29.05	29.92	10	CLR	NC			10.00		80	68	72	67	5	08	29.13	30.00
13	BKN	055			9.00		89	74	78	61	6	18	29.03	29.89	13	CLR	NC			10.00		86	64	71	48	6	10	29.11	29.98
16	FEW	038			8.00		92	75	80	58	5	VR	28.98	29.83	16	CLR	NC			10.00		88	65	73	47	6	13	29.05	29.91
19	CLR	NC			7.00		86	75	78	70	6	12	28.96	29.83	19	CLR	NC			10.00		83	68	73	61	0	00	29.04	29.90
22	OVC	032			5.00	TSRA BR	73	71	72	93	0	00	29.08	29.94	22	CLR	NC			8.00		74	70	71	87	0	00	29.07	29.94
<b>SUNRISE: 0544 AUG 15</b>						<b>SUNSET: 1926</b>						<b>SUNRISE: 0550 AUG 21</b>						<b>SUNSET: 1918</b>											
01	FEW	005			10.00	TSRA	72	70	71	93	3	17	29.07	29.93	01	CLR	NC			5.00	BR	71	69	70	93	6	11	29.03	29.89
04	FEW	004			8.00		72	70	71	93	0	00	29.05	29.91	04	CLR	NC			4.00	BR	68	66	67	93	3	11	29.03	29.89
07	BKN	070			8.00		73	71	72	93	0	00	29.07	29.93	07	CLR	NC			7.00	BR	68	65	66	90	0	00	29.03	29.89
10	BKN	036			10.00		81	74	76	79	7	20	29.09	29.96	10	BKN	070			10.00		78	68	71	71	8	20	29.05	29.92
13	BKN	034			10.00		87	74	78	65	9	21	29.07	29.93	13	BKN	070			10.00		82	70	74	67	9	18	29.01	29.87
16	SCT	050			9.00		87	74	78	65	3	26	29.03	29.89	16	FEW	050			10.00		79	71	74	77	9	17	28.96	29.83
19					8.00		83	77	79	82	3	15	29.02	29.88	19	BKN	045			8.00		78	74	75	88	3	21	28.95	29.81
22					5.00	BR	80	77	78	91	0	00	29.05	29.91	22	OVC	075			9.00		77	73	74	88	3	21	29.01	29.87
<b>SUNRISE: 0545 AUG 16</b>						<b>SUNSET: 1924</b>						<b>SUNRISE: 0551 AUG 22</b>						<b>SUNSET: 1916</b>											
01	CLR	NC			2.50	BR	77	76	76	97	5	22	29.05	29.92	01	OVC	090			5.00	BR	75	73	74	94	3	21	28.99	29.85
04	CLR	NC			8.00		76	71	73	85	5	25	29.07	29.93	04	FEW	022			8.00		72	69	70	90	5	32	29.01	29.87
07	CLR	NC			5.00	BR	75	71	72	87	3	34	29.10	29.97	07	OVC	018			6.00	BR	70	67	68	90	7	30	29.07	29.94
10					10.00		80	66	71	62	9	03	29.16	30.03	10	BKN	023			10.00		75	68	70	79	0	00	29.09	29.97
13	BKN	055			10.00		83	69	73	63	0	00	29.14	30.02	13	OVC	039			9.00		78	66	70	67	3	32	29.10	29.97
16	CLR	NC			10.00		83	67	72	59	3	VR	29.11	29.98	16	BKN	044			7.00		82	69	73	65	6	03	29.08	29.94
19	CLR	NC			10.00		81	63	69	54	3	35	29.11	29.98	19	FEW	043			6.00	HZ	77	68	71	74	0	00	29.05	29.93
22	CLR	NC			10.00		73	67	69	82	3	33	29.16	30.03	22	CLR	NC			3.00	BR	71	69	70	93	0	00	29.08	29.95
<b>SUNRISE: 0546 AUG 17</b>						<b>SUNSET: 1923</b>						<b>SUNRISE: 0551 AUG 23</b>						<b>SUNSET: 1915</b>											
01	CLR	NC			10.00		69	66	67	90	0	00	29.15	30.02	01	CLR	NC			8.00		70	65	67	84	7	02	29.08	29.96
04	OVC	042			10.00		68	65	66	90	0	00	29.16	30.04	04	SCT	037			6.00	BR	66	64	65	93	0	00	29.08	29.95
07	FEW	050			10.00		68	62	64	81	3	02	29.21	30.08	07	BKN	018			3.00	BR	67	64	65	90	6	34	29.11	29.98
10	CLR	NC			10.00		78	61	67	56	0	00	29.23	30.10	10	OVC	039			9.00		72	64	67	76	3	VR	29.13	30.00
13	CLR	NC			10.00		81	59	67	47	0	00	29.20	30.07	13	OVC	070			8.00		78	63	68	60	6	02	29.10	29.98
16	CLR	NC			10.00		84	60	69	44	6	VR	29.15	30.03	16	OVC	075			10.00		77	65	69	67	3	02	29.07	29.94
19	CLR	NC			10.00		78	60	67	54	3	01	29.16	30.03	19	OVC	090			9.00		75	67	70	76	0	00	29.05	29.93
22	CLR	NC			10.00		73	59	64	62	3	06	29.18	30.06	22	OVC	070			10.00		74	66	69	76	3	35	29.08	29.95
<b>SUNRISE: 0547 AUG 18</b>						<b>SUNSET: 1922</b>						<b>SUNRISE: 0552 AUG 24</b>						<b>SUNSET: 1913</b>											
01	CLR	NC			10.00		68	63	65	84	0	00	29.17	30.04	01	FEW	055			10.00		69	63	65	81	8	04	29.07	29.94
04	CLR	NC			10.00		67	60	63	78	3	03	29.16	30.03	04	SCT	027			10.00		64	60	62	87	0	00	29.05	29.92
07	OVC	100			10.00		66	63	64	90	0	00	29.18	30.05	07	OVC	055			10.00		65	62	63	90	3	05	29.08	29.95
10	OVC	050			7.00	-RA	67	65	66	93	6	14	29.18	30.06	10	BKN	022			10.00		73	63	67	71	7	05	29.09	29.97
13	FEW	011			10.00		72	65	68	79	0	00	29.18	30.06	13	FEW	025			10.00		77	64	69	64	8	01	29.08	29.95
16	SCT	075			10.00		74	66	69	76	5	10	29.13	30.01	16	OVC	070			10.00		75	62	67	64	5	05	29.04	29.91
19	BKN	043			10.00		73	66	68	79	3	15	29.11	29.99	19	OVC	060			10.00		73	63	67	71	3	01	29.04	29.91
22	CLR	NC			10.00		69	66	67	90	0	00	29.12	30.01	22	CLR	NC			9.00		69	64	66	84	0	00	29.07	29.94

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
AUGUST 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)							
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL				
<b>SUNRISE: 0553</b>						<b>AUG 25</b>						<b>SUNSET: 1912</b>					
01	BKN	090			7.00			67	64	65	90	0	00	29.05	29.92		
04	OVC	065			6.00	BR		67	64	65	90	0	00	29.05	29.93		
07	OVC	085			4.00	BR		67	65	66	93	0	00	29.08	29.96		
10	SCT	018			9.00			75	65	69	71	0	00	29.11	29.98		
13	OVC	080			10.00			77	64	69	64	3	04	29.10	29.98		
16	SCT	047			10.00			82	62	69	51	5	VR	29.08	29.95		
19	OVC	110			10.00			76	68	71	76	0	00	29.08	29.96		
22	CLR	NC			8.00			70	67	68	90	3	20	29.12	29.99		
<b>SUNRISE: 0554</b>						<b>AUG 26</b>						<b>SUNSET: 1911</b>					
01	OVC	080			9.00	-RA		70	66	67	87	5	30	29.13	30.01		
04	BKN	100			10.00			69	61	64	76	7	34	29.15	30.03		
07	SCT	050			10.00			64	58	60	81	6	34	29.21	30.09		
10	CLR	NC			10.00			73	59	64	62	0	00	29.23	30.11		
13	FEW	095			10.00			80	58	66	47	5	VR	29.22	30.09		
16	CLR	NC			10.00			80	56	65	44	5	33	29.19	30.06		
19	CLR	NC			10.00			74	56	63	54	3	01	29.19	30.07		
22	CLR	NC			10.00			65	58	61	78	0	00	29.22	30.10		
<b>SUNRISE: 0555</b>						<b>AUG 27</b>						<b>SUNSET: 1909</b>					
01	CLR	NC			8.00			62	59	60	90	0	00	29.23	30.11		
04	CLR	NC			10.00			60	57	58	90	3	02	29.23	30.11		
07	CLR	NC			9.00			60	56	58	87	3	36	29.26	30.14		
10	CLR	NC			10.00			72	60	65	66	3	35	29.27	30.15		
13	FEW	048			10.00			80	55	65	42	3	31	29.25	30.14		
16	CLR	NC			10.00			83	57	67	41	5	02	29.21	30.09		
19	CLR	NC			10.00			75	58	65	56	3	02	29.20	30.09		
22	CLR	NC			8.00			64	60	62	87	0	00	29.24	30.12		
<b>SUNRISE: 0556</b>						<b>AUG 28</b>						<b>SUNSET: 1908</b>					
01	CLR	NC			3.00	BR		60	58	59	93	0	00	29.26	30.14		
04	BKN	030			1.75	BR		58	57	57	97	3	02	29.25	30.13		
07	CLR	NC			3.00	BR		60	58	59	93	0	00	29.29	30.17		
10	CLR	NC			10.00			75	62	67	64	0	00	29.31	30.19		
13	CLR	NC			10.00			85	63	71	48	6	07	29.28	30.16		
16	CLR	NC			10.00			87	56	68	35	6	35	29.25	30.12		
19	CLR	NC			10.00			82	61	69	49	0	00	29.23	30.11		
22	CLR	NC			6.00	BR		68	64	66	87	0	00	29.27	30.15		
<b>SUNRISE: 0557</b>						<b>AUG 29</b>						<b>SUNSET: 1906</b>					
01	CLR	NC			4.00	BR		64	62	63	93	0	00	29.29	30.17		
04	CLR	NC			3.00	BR		63	61	62	93	3	11	29.31	30.19		
07	CLR	NC			3.00	BR		64	61	62	90	3	09	29.35	30.23		
10	FEW	080			9.00			79	66	70	65	5	23	29.38	30.26		
13	SCT	043			10.00			87	67	73	52	0	00	29.35	30.23		
16	SCT	060			10.00			90	63	72	41	6	15	29.30	30.17		
19	CLR	NC			10.00			83	67	72	59	3	11	29.30	30.18		
22	CLR	NC			7.00			73	69	70	87	0	00	29.34	30.21		
<b>SUNRISE: 0558</b>						<b>AUG 30</b>						<b>SUNSET: 1905</b>					
01	CLR	NC			4.00	BR		69	67	68	93	0	00	29.36	30.23		
04	CLR	NC			3.00	BR		66	64	65	93	0	00	29.37	30.24		
07	CLR	NC			2.00	BR		67	65	66	93	3	10	29.41	30.29		
10	CLR	NC			10.00			81	66	71	60	3	21	29.43	30.30		
13	CLR	NC			10.00			89	61	71	39	6	13	29.38	30.25		
16	FEW	065			10.00			90	61	71	38	5	17	29.33	30.20		
19	CLR	NC			10.00			81	65	71	58	3	09	29.32	30.19		
22	CLR	NC			8.00			72	67	69	84	0	00	29.33	30.20		

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				
<b>SUNRISE: 0558</b>						<b>AUG 31</b>						<b>SUNSET: 1903</b>					
01	CLR	NC			3.00	BR		68	66	67	93	0	00	29.31	30.19		
04	CLR	NC			2.50	BR		66	64	65	93	0	00	29.32	30.19		
07	CLR	NC			3.00	BR		66	64	65	93	0	00	29.37	30.24		
10	CLR	NC			10.00			80	66	71	62	0	00	29.37	30.24		
13	FEW	050			10.00			89	63	72	42	5	VR	29.30	30.17		
16	CLR	NC			10.00			89	62	71	41	3	19	29.25	30.12		
19	CLR	NC			10.00			83	64	71	53	0	00	29.23	30.11		
22	CLR	NC			9.00			72	67	69	84	0	00	29.23	30.11		

## 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

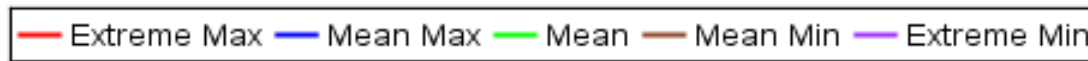
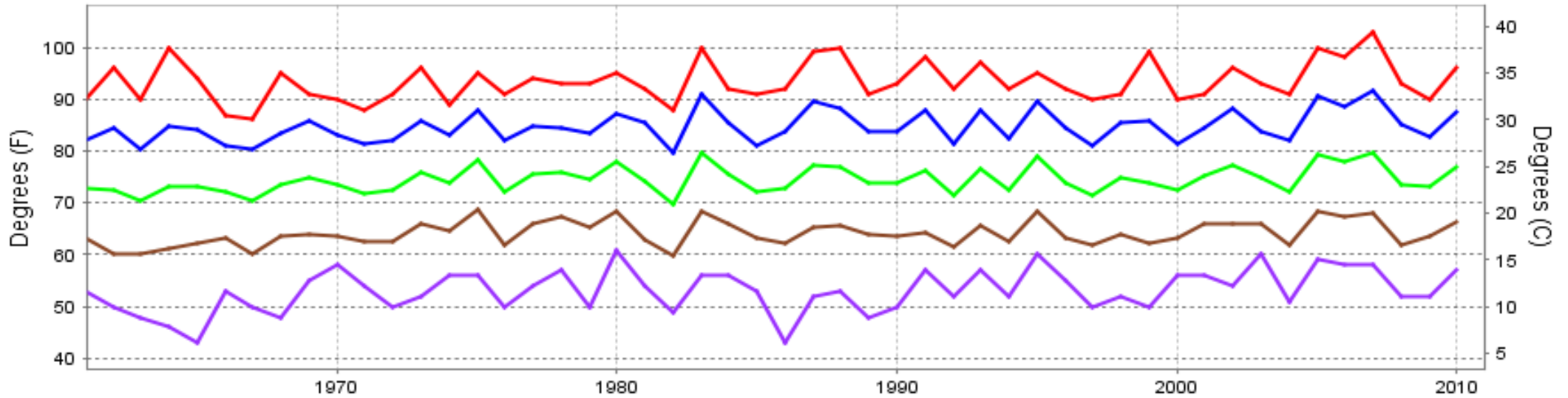
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

## SUMMARY BY HOUR

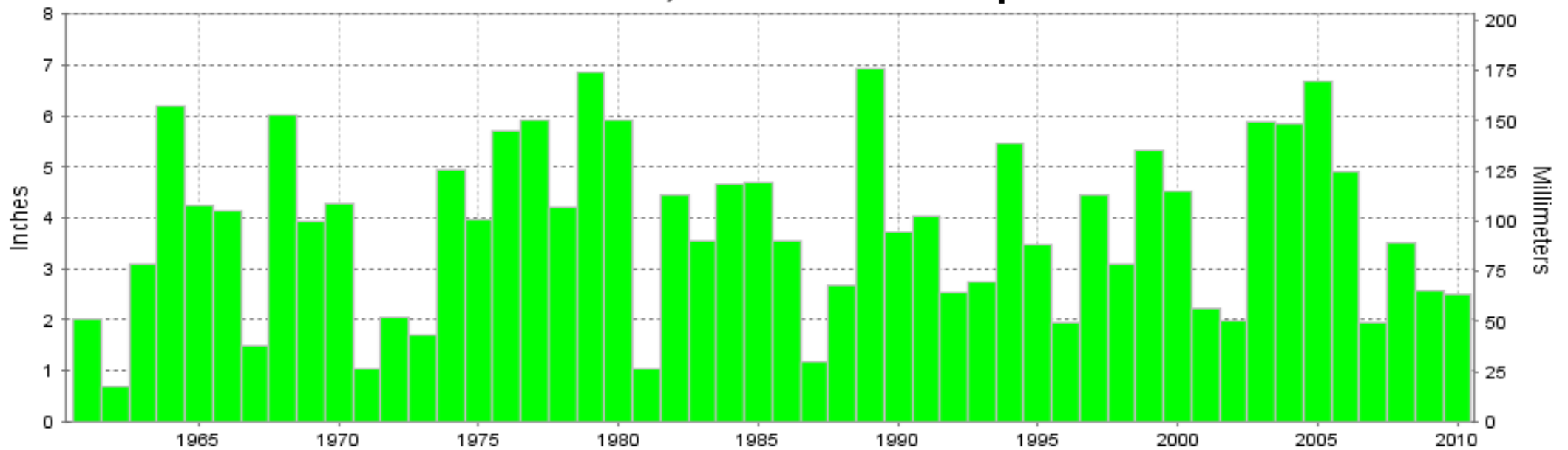
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			70	67	68	92	29.10	29.97	5.23	2	0	15
02			69	67	68	91	29.09	29.96	5.56	2	0	14
03			69	66	67	92	29.09	29.96	5.04	2	0	24
04			68	66	67	91	29.10	29.97	4.90	2	0	11
05			68	65	66	92	29.11	29.97	4.94	2	1	25
06			68	65	66	92	29.11	29.99	4.34	1	0	14
07			69	66	67	91	29.13	30.00	4.19	2	0	20
08			71	67	68	87	29.13	30.01	6.02	3	0	25
09			74	67	70	79	29.14	30.01	7.60	3	1	26
10			78	68	71	70	29.14	30.01	8.74	3	0	15
11			81	68	72	64	29.14	30.01	9.16	4	1	26
12			83	67	72	60	29.14	30.01	9.19	5	2	27
13			84	66	72	56	29.12	29.99	9.52	5	1	26
14			85	66	72	55	29.11	29.98	9.55	4	1	26
15			85	66	72	53	29.09	29.96	9.58	4	0	22
16			85	65	72	54	29.08	29.95	9.35	4	0	23
17			84	66	72	56	29.08	29.95	9.23	4	1	26
18			83	67	72	60	29.08	29.95	9.03	3	1	10
19			80	67	71	66	29.08	29.95	8.94	2	1	10
20			77	67	71	72	29.08	29.96	8.97	2	2	10
21			74	68	70	81	29.10	29.97	8.16	2	0	21
22			73	68	70	86	29.11	29.98	7.26	1	1	24
23			72	68	69	88	29.11	29.98	6.44	1	1	11
24			71	68	69	90	29.11	29.98	5.46	1	1	10

## HUNTINGTON, WV AUGUST Temperatures



Long-Term (1961-2010) Mean: 74.4  
 1971-2000 Normal: 73.9

## HUNTINGTON, WV AUGUST Precipitation



Long-Term (1961-2010) Mean Monthly Total: 3.81

1971-2000 Normal: 3.88



AUGUST 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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