



# AUGUST 2007 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC 20		2-MIN 22			
01	92	64	78	3	64	69	0	13	BR HZ	0		0.0	0.00	29.10	29.98	1.3	09	2.1	16	06	12	05	01	
02	92	65	79	4	67	70	0	14	TS TSRA RA BR HZ	0		0.0	0.28	29.12	30.00	1.0	17	2.5	39	24	28	24	02	
03	91	67	79	4	68	71	0	14	BR HZ	0		0.0	0.00	29.13	30.00	2.6	21	3.2	14	21	12	20	03	
04	93	68	81	6	68	72	0	16	BR HZ	0		0.0	0.00	29.13	30.01	1.3	21	3.0	13	33	9	35	04	
05	78	72	75	0	71	73	0	10	TS TSRA RA FG BR HZ	0		0.0	0.25	29.08	29.94	4.0	20	4.7	21	12	12	25	05	
06	88	74	81	6	75	76	0	16	RA BR HZ	0		0.0	0.24	29.03	29.90	3.0	21	3.3	15	20	13	19	06	
07	94	74	84	9	72	76	0	19	FG BR HZ	0		0.0	0.00	29.02	29.88	5.0	22	5.3	28	24	15	21	07	
08	97	75	86	11	71	76	0	21	BR HZ	0		0.0	0.00	29.00	29.86	3.6	23	3.8	22	23	15	24	08	
09	98	75	87*	12	70	75	0	22	HZ	0		0.0	0.00	28.98	29.84	4.1	23	6.0	23	23	17	22	09	
10	92	73	83	8	70	74	0	18	RA FG+ BR	0		0.0	0.02	28.98	29.86	2.9	34	4.9	20	33	14	34	10	
11	90	68	79	4	61	67	0	14	BR HZ	0		0.0	0.00	29.11	30.01	3.5	03	4.7	18	02	12	02	11	
12	93	61	77	2	60	67	0	12	RA BR	0		0.0	T	29.18	30.04	1.4	35	2.6	15	35	10	30	12	
13	95	66	81	7	62	68	0	16	BR	0		0.0	0.00	29.13	30.00	3.7	36	4.3	21	33	14	36	13	
14	89	58*	74	0	53	62	0	9		0		0.0	0.00	29.11	29.99	0.4	06	1.9	14	16	10	16	14	
15	97	59	78	4	58	65	0	13	RA	0		0.0	T	29.06	29.93	1.6	16	2.4	13	22	9	21	15	
16	103*	69	86	12	65	71	0	21	TS TSRA RA BR	0		0.0	0.55	29.05	29.92	3.0	21	7.3	43*	32	29*	32	16	
17	88	66	77	3	64	68	0	12	FG+ BR HZ	0		0.0	0.00	29.12	30.01	2.3	27	3.3	16	30	13	31	17	
18	80	60	70*	-4	54	61	0	5		0		0.0	0.00	29.28	30.18	2.9	04	3.4	15	03	10	04	18	
19	94	60	77	3	64	68	0	12	TS TSRA RA BR HZ	0		0.0	0.03	29.16	30.03	3.0	23	3.8	26	28	17	27	19	
20	91	69	80	6	70	73	0	15	TS TSRA RA BR HZ	0		0.0	0.12	29.10	29.97	3.5	22	5.1	28	24	21	24	20	
21	86	70	78	4	69	71	0	13	RA BR	0		0.0	0.14	29.13	30.02	4.3	22	4.9	30	24	21	23	21	
22	94	71	83	9	70	73	0	18		0		0.0	0.00	29.17	30.04	2.8	20	3.9	17	22	14	22	22	
23	98	72	85	11	69	74	0	20	BR	0		0.0	0.00	29.13	29.99	2.4	23	3.2	18	22	14	22	23	
24	97	72	85	11	68	73	0	20		0		0.0	0.00	29.07	29.93	3.9	22	4.6	21	26	14	23	24	
25	92	73	83	10	68	72	0	18		0		0.0	0.00	29.03	29.90	3.5	22	6.1	18	34	15	23	25	
26	88	71	80	8	64	68	0	15		0		0.0	0.00	29.11	30.00	3.4	02	4.4	16	01	12	01	26	
27	92	64	78	6	60	67	0	13		0		0.0	0.00	29.18	30.06	3.5	03	4.3			10	34	27	
28	95	67	81	9	61	68	0	16	BR HZ	0		0.0	0.00	29.18	30.06	2.3	36	3.2	17	01	13	34	28	
29	95	65	80	8	65	69	0	15	BR HZ	0		0.0	0.00	29.15	30.03	1.0	27	1.9	16	32	13	33	29	
30	88	69	79	7	68	71	0	14	TS TSRA RA BR HZ	0		0.0	0.30	29.13	30.00	1.4	26	3.0	22	35	16	34	30	
31	79	67	73	2	63	66	0	8		0		0.0	0.00	29.15	30.04	4.3	02	4.7	12	04	8	05	31	
91.6		67.9	79.8	☼	65.5	70.1	0.0	14.9	< MONTHLY AVERAGES   TOTALS >			0.0	1.93	29.10	29.98	1.0	24	3.9	< MONTHLY AVERAGES					
7.9		3.8	5.9		-----DEPARTURE FROM NORMAL -----						-1.95	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												
<b>DEGREE DAYS</b>									GREATEST 24-HR PRECIPITATION : 0.55 DATE : 16				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.24				18 1051							
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.79				09 1905							
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 22		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 9							
HEATING : 0 -2 0 -4									MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 7											
COOLING : 462 168 1229 267									THUNDERSTORMS : 6		HEAVY FOG : 2		SNOWFALL >= 1.0 INCH : 0											

AUGUST 2007  
HUNTINGTON, WV

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
AUGUST 2007

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			T	0.06	0.22							02	0.28	0.28	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05					T	T	T			T	T	T	05	0.08	0.15	0.01	0.01	T							05	0.25	0.25	
06											0.02	T	0.03	06	0.19	T									06	0.24	0.24	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10	0.01	T	T										10	T	0.01										10	0.02	0.02	
11													11												11	0.00	0.00	
12													12												12	T	T	
13												T	13												13	0.00	0.00	
14													14												14	0.00	0.00	
15				T									15												15	T	T	
16													16					0.04	0.21	0.08	0.20	0.02			16	0.55	0.55	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19										0.03	T	19	0.03	0.03	
20	T	0.03	0.05	T	0.01	T							20			0.03									20	0.12	0.12	
21											0.10		21	0.03	0.01	T									21	0.14	0.14	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30						0.05							30			0.25	T								30	0.30	0.30	
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)												
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 AUGUST 2007

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

### ADDITIONAL NOTES:

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

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							2.50	10.00	
02							1.50	9.00	
03							2.50	7.00	
04							1.50	6.00	
05							0.50	4.00	
06							0.75	5.00	
07							0.50	8.00	
08							3.00	10.00	
09							6.00	10.00	
10							0.25	10.00	
11							6.00	10.00	
12							4.00	10.00	
13							5.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							1.75	10.00	
17							0.00	10.00	
18							10.00	10.00	
19							4.00	10.00	
20							2.50	10.00	
21							1.50	10.00	
22							7.00	10.00	
23							4.00	10.00	
24							8.00	10.00	
25							7.00	10.00	
26							7.00	10.00	
27							10.00	10.00	
28							5.00	10.00	
29							4.00	9.00	
30							1.25	8.00	
31							7.00	10.00	
MONTHLY AVGS							4.32	9.23	
<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			
2		14				9			

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
AUGUST 2007 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)							
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
																												WEATHER	WEATHER
<b>SUNRISE: 0532 AUG 01</b>						<b>SUNSET: 1941</b>						<b>SUNRISE: 0537 AUG 07</b>						<b>SUNSET: 1935</b>											
01	CLR	NC			5.00	BR	69	65	66	87	0	00	29.11	29.98	01	FEW	080			4.00	BR	78	75	76	91	3	18	29.03	29.90
04	CLR	NC			4.00	BR	66	63	64	90	3	36	29.10	29.98	04	CLR	NC			0.50	FG	74	73	73	97	0	00	29.02	29.88
07	CLR	NC			4.00	BR	68	65	66	90	0	00	29.13	30.00	07	CLR	NC			2.50	BR	77	74	75	91	3	20	29.05	29.92
10	CLR	NC			10.00		80	64	70	58	3	11	29.14	30.01	10	CLR	NC			5.00	HZ	85	74	77	70	0	00	29.08	29.94
13	CLR	NC			7.00		88	63	71	43	3	09	29.12	29.99	13	FEW	055			8.00		92	70	77	49	10	26	29.03	29.89
16	FEW	070			9.00		91	59	70	34	5	16	29.08	29.95	16	FEW	060			8.00		94	69	76	44	9	24	28.99	29.84
19	CLR	NC			8.00		86	65	72	50	3	08	29.08	29.94	19	CLR	NC			7.00		89	71	76	55	6	23	28.98	29.84
22	CLR	NC			8.00		76	67	70	74	3	10	29.10	29.98	22	CLR	NC			8.00		83	71	75	67	6	20	29.01	29.87
<b>SUNRISE: 0533 AUG 02</b>						<b>SUNSET: 1940</b>						<b>SUNRISE: 0538 AUG 08</b>						<b>SUNSET: 1934</b>											
01	CLR	NC			6.00	BR	70	66	67	87	0	00	29.11	29.98	01	BKN	070			7.00		79	72	74	79	0	00	29.00	29.85
04	CLR	NC			4.00	BR	67	64	65	90	0	00	29.11	29.98	04	CLR	NC			6.00	HZ	77	72	74	85	0	00	28.99	29.85
07	CLR	NC			3.00	BR	68	65	66	90	0	00	29.14	30.01	07	CLR	NC			3.00	BR	77	73	74	88	3	21	29.02	29.88
10	CLR	NC			6.00	HZ	81	68	72	65	6	19	29.16	30.03	10	CLR	NC			8.00		87	73	77	63	3	22	29.03	29.89
13	SCT	049			6.00	HZ	89	67	74	48	6	32	29.13	30.00	13	BKN	070			10.00		95	70	77	44	9	21	29.01	29.86
16	BKN	070			2.00	-TSRA	85	70	75	61	8	23	29.12	29.99	16	CLR	NC			10.00		95	67	76	40	7	24	28.98	29.83
19	CLR	NC			5.00	HZ	80	71	74	74	3	14	29.10	29.98	19	CLR	NC			10.00		91	70	76	50	5	25	28.99	29.85
22	CLR	NC			7.00		72	68	69	87	3	11	29.13	30.00	22	CLR	NC			10.00		82	72	75	72	0	00	29.01	29.87
<b>SUNRISE: 0534 AUG 03</b>						<b>SUNSET: 1939</b>						<b>SUNRISE: 0539 AUG 09</b>						<b>SUNSET: 1933</b>											
01	CLR	NC			7.00		71	66	68	84	0	00	29.12	29.99	01	CLR	NC			10.00		80	71	74	74	0	00	28.99	29.85
04	FEW	070			6.00	BR	70	67	68	90	0	00	29.12	29.99	04	CLR	NC			8.00		76	72	73	87	5	20	29.00	29.85
07	CLR	NC			2.50	BR	69	67	68	93	0	00	29.15	30.02	07	CLR	NC			6.00	HZ	77	71	73	82	5	21	29.04	29.89
10	CLR	NC			5.00	HZ	80	71	74	74	5	19	29.17	30.04	10	CLR	NC			10.00		88	73	77	61	0	00	29.04	29.90
13	CLR	NC			4.00	HZ	90	65	73	44	3	32	29.13	30.00	13	FEW	050			10.00		96	71	78	44	11	25	29.00	29.85
16	CLR	NC			4.00	HZ	83	72	75	70	6	23	29.10	29.98	16	FEW	065			10.00		98	64	75	33	11	23	28.94	29.80
19	CLR	NC			6.00	HZ	81	68	72	65	5	25	29.10	29.98	19	CLR	NC			10.00		92	68	75	45	5	21	28.93	29.79
22	CLR	NC			5.00	HZ	75	70	72	85	0	00	29.14	30.01	22	SCT	065			10.00		84	69	74	61	5	02	28.98	29.83
<b>SUNRISE: 0535 AUG 04</b>						<b>SUNSET: 1938</b>						<b>SUNRISE: 0540 AUG 10</b>						<b>SUNSET: 1932</b>											
01	CLR	NC			3.00	BR	71	69	70	93	0	00	29.13	30.00	01	OVC	060			7.00	-RA	77	73	74	88	0	00	28.98	29.84
04	CLR	NC			3.00	BR	70	68	69	93	3	20	29.13	30.00	04	FEW	100			2.50	BR	74	73	73	97	0	00	28.96	29.81
07	CLR	NC			2.00	BR	70	68	69	93	3	18	29.16	30.03	07	SCT	045			8.00		74	73	73	97	0	00	29.00	29.85
10	CLR	NC			4.00	HZ	82	71	74	69	3	21	29.18	30.06	10	BKN	060			10.00		85	73	77	67	6	VR	29.02	29.88
13	CLR	NC			6.00	HZ	88	65	73	47	3	31	29.14	30.01	13	BKN	070			10.00	-RA	88	70	75	55	8	28	29.00	29.85
16	FEW	090			5.00	HZ	92	64	73	40	6	24	29.11	29.98	16	FEW	050			10.00		90	68	75	48	8	35	28.98	29.83
19	CLR	NC			5.00	HZ	84	68	73	59	3	07	29.11	29.98	19	CLR	NC			10.00		86	65	72	50	10	36	29.00	29.86
22	CLR	NC			5.00	HZ	80	69	73	69	0	00	29.13	30.00	22	CLR	NC			10.00		79	68	72	69	5	02	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	CLR	NC			4.00	BR	74	70	71	87	0	00	29.10	29.97	01	CLR	NC			10.00		74	67	69	79	6	02	29.07	29.93
04	CLR	NC			3.00	BR	74	70	71	87	0	00	29.08	29.95	04	CLR	NC			8.00		71	65	67	81	3	07	29.08	29.95
07	FEW	110			1.25	-RA BR	73	71	72	93	3	16	29.09	29.96	07	CLR	NC			6.00	HZ	70	65	67	84	3	03	29.13	30.00
10	BKN	075			2.50	HZ	77	70	72	79	8	21	29.10	29.98	10	CLR	NC			10.00		81	62	69	53	8	04	29.17	30.05
13	BKN	055			1.25	RA BR	74	71	72	90	9	20	29.10	29.98	13	CLR	NC			10.00		85	58	68	40	6	VR	29.15	30.03
16	BKN	048			1.50	-TSRA BR	76	73	74	90	3	19	29.07	29.93	16	CLR	NC			10.00		89	56	68	33	8	36	29.13	30.00
19	CLR	NC			2.50	BR	76	73	74	90	0	00	29.03	29.90	19	CLR	NC			10.00		83	55	66	38	6	04	29.13	30.01
22	FEW	070			2.00	BR	75	73	74	94	6	19	29.02	29.88	22	CLR	NC			10.00		75	58	65	56	5	36	29.18	30.05
<b>SUNRISE: 0536 AUG 06</b>						<b>SUNSET: 1936</b>						<b>SUNRISE: 0542 AUG 12</b>						<b>SUNSET: 1929</b>											
01	CLR	NC			2.50	BR	75	73	74	94	5	21	29.02	29.88	01	CLR	NC			10.00		69	61	64	76	3	35	29.19	30.07
04	SCT	110			2.50	BR	75	73	74	94	3	21	29.01	29.87	04	CLR	NC			9.00		65	62	63	90	0	00	29.18	30.06
07	CLR	NC			2.50	BR	76	72	73	87	3	19	29.05	29.91	07	CLR	NC			6.00	BR	65	62	63	90	0	00	29.21	30.09
10	SCT	028			2.50	-RA BR	78	74	75	88	3	20	29.05	29.93	10	CLR	NC			10.00		81	62	69	53	0	00	29.22	30.09
13	OVC	070			0.75	+RA BR	77	73	74	88	10	20	29.05	29.91	13	CLR	NC			10.00		90	54	68	29	3	VR	29.18	30.05
16	CLR	NC			4.00	HZ	87	77	80	72	3	VR	29.02	29.88	16	CLR	NC			10.00		92	57	70	31	5	VR	29.14	30.02
19	CLR	NC			4.00	HZ	85	77	79	77	0	00	29.01	29.88	19	CLR	NC			10.00		88	60	70	39	3	02	29.13	30.00
22	BKN	075			3.00	BR	79	78	78	97	0	00	29.04	29.90	22	CLR	NC			10.00		78	63	68	60	3	21	29.15	30.02

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
AUGUST 2007 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)								
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
																												Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)
SUNRISE: 0543 AUG 13						SUNSET: 1928						SUNRISE: 0548 AUG 19						SUNSET: 1920												
01	OVC	090				72	65	68	79	0	00	29.14	30.01	01	CLR	NC				10.00			63	58	60	84	0	00	29.24	30.12
04	CLR	NC				69	65	66	87	0	00	29.13	30.00	04	CLR	NC				10.00			62	58	60	87	0	00	29.18	30.06
07	CLR	NC			BR	69	65	66	87	0	00	29.15	30.02	07	CLR	NC				7.00			61	59	60	93	0	00	29.18	30.06
10	CLR	NC				83	68	73	61	3	09	29.15	30.02	10	CLR	NC				10.00			76	61	67	60	5	21	29.19	30.07
13	SCT	060				92	66	74	42	8	33	29.13	30.00	13	CLR	NC				7.00			93	67	75	43	13	25	29.14	30.01
16	CLR	NC				93	57	70	30	9	34	29.09	29.96	16	CLR	NC			HZ	6.00			91	66	74	44	10	24	29.12	29.99
19	CLR	NC				85	60	69	43	8	35	29.08	29.96	19	CLR	NC			HZ	5.00			86	68	74	55	3	23	29.10	29.98
22	CLR	NC				76	51	61	42	6	01	29.14	30.01	22	FEW	080			HZ	5.00			79	71	74	77	3	22	29.13	30.00
SUNRISE: 0543 AUG 14						SUNSET: 1927						SUNRISE: 0549 AUG 20						SUNSET: 1919												
01	CLR	NC				67	54	60	63	3	11	29.14	30.01	01	SCT	120				3.00	BR		72	71	93	3	17	29.12	29.99	
04	CLR	NC				63	55	58	75	3	01	29.13	30.00	04	BKN	120				4.00	BR		71	70	70	97	3	VR	29.12	29.99
07	CLR	NC				61	57	59	87	0	00	29.16	30.04	07	FEW	110				2.50	BR		70	69	69	97	0	00	29.13	30.00
10	CLR	NC				73	58	64	59	3	16	29.17	30.04	10	CLR	NC				4.00	HZ		81	71	74	72	9	23	29.13	30.00
13	CLR	NC				83	52	64	34	0	00	29.13	30.00	13	CLR	NC			HZ	6.00			89	71	76	55	9	24	29.11	29.98
16	CLR	NC				88	43	62	21	5	15	29.08	29.94	16	FEW	100				9.00			89	69	75	52	11	24	29.08	29.94
19	FEW	120				81	51	63	35	3	29	29.05	29.92	19	CLR	NC				10.00			86	66	73	51	3	21	29.08	29.94
22	CLR	NC				71	56	62	59	0	00	29.08	29.94	22	OVC	095				8.00			78	71	73	79	0	00	29.08	29.96
SUNRISE: 0544 AUG 15						SUNSET: 1926						SUNRISE: 0550 AUG 21						SUNSET: 1918												
01	CLR	NC				63	56	59	78	0	00	29.05	29.93	01	CLR	NC				9.00			73	68	70	84	0	00	29.08	29.96
04	CLR	NC				62	55	58	78	0	00	29.05	29.93	04	CLR	NC				7.00			72	68	69	87	0	00	29.08	29.96
07	FEW	075				62	57	59	84	0	00	29.08	29.96	07	CLR	NC				10.00			74	66	69	76	0	00	29.13	30.00
10	CLR	NC				79	57	65	47	3	22	29.10	29.97	10	CLR	NC				10.00			85	66	72	53	10	26	29.15	30.02
13	CLR	NC				92	51	67	25	3	VR	29.08	29.94	13	OVC	036				2.50	-RA BR		72	69	70	90	11	24	29.18	30.06
16	BKN	085				94	58	71	30	6	14	29.05	29.91	16	BKN	019				10.00			76	70	72	82	8	24	29.16	30.03
19	SCT	080				89	61	71	39	5	11	29.05	29.91	19	SCT	029				10.00			78	70	73	77	5	23	29.16	30.03
22	CLR	NC				81	63	69	54	0	00	29.04	29.91	22	CLR	NC				10.00			74	70	71	87	5	20	29.18	30.05
SUNRISE: 0545 AUG 16						SUNSET: 1924						SUNRISE: 0551 AUG 22						SUNSET: 1916												
01	CLR	NC				79	64	69	60	5	19	29.03	29.88	01	BKN	075				8.00			72	70	71	93	0	00	29.16	30.04
04	CLR	NC				79	64	69	60	8	19	29.03	29.88	04	CLR	NC				9.00			71	68	69	90	5	18	29.17	30.04
07	CLR	NC				77	64	69	64	3	10	29.08	29.93	07	FEW	080				8.00			72	68	69	87	3	20	29.20	30.08
10	CLR	NC				88	64	72	45	8	21	29.08	29.94	10	CLR	NC				10.00			81	71	74	72	0	00	29.23	30.10
13	CLR	NC				100	61	74	28	13	21	29.04	29.89	13	FEW	036				10.00			88	73	77	61	3	12	29.18	30.05
16	FEW	100				100	60	73	27	9	21	28.99	29.84	16	CLR	NC				10.00			93	69	76	46	10	21	29.13	30.00
19	BKN	080			TS+RA BR	71	67	68	87	25	36	29.09	29.96	19	CLR	NC				10.00			89	68	75	50	6	22	29.14	30.01
22	FEW	070			BR	69	68	68	97	8	17	29.13	30.00	22	CLR	NC				8.00			79	73	75	82	5	21	29.16	30.03
SUNRISE: 0546 AUG 17						SUNSET: 1923						SUNRISE: 0551 AUG 23						SUNSET: 1915												
01	SCT	120			BR	69	68	68	97	3	19	29.08	29.93	01	CLR	NC				7.00			75	72	73	90	0	00	29.16	30.02
04	SCT	004			BR	68	66	67	93	0	00	29.08	29.95	04	CLR	NC				7.00			73	71	72	93	0	00	29.14	30.01
07	OVC	007			FG	67	67	67	100	3	21	29.13	30.01	07	CLR	NC				4.00	BR		74	71	72	90	0	00	29.18	30.05
10	OVC	006			BR	72	69	70	90	3	28	29.16	30.04	10	CLR	NC				10.00			88	72	77	59	6	18	29.17	30.04
13	BKN	029			HZ	80	70	73	72	3	20	29.17	30.04	13	SCT	060				10.00			96	68	76	40	8	24	29.13	30.00
16	SCT	050				87	65	72	48	6	25	29.13	30.01	16	CLR	NC				10.00			97	64	74	34	6	27	29.08	29.95
19	CLR	NC				82	56	66	41	6	32	29.13	30.00	19	CLR	NC				10.00			91	65	73	42	3	19	29.08	29.95
22	CLR	NC				73	58	64	59	3	35	29.19	30.07	22	CLR	NC				10.00			80	71	74	74	0	00	29.09	29.96
SUNRISE: 0547 AUG 18						SUNSET: 1922						SUNRISE: 0552 AUG 24						SUNSET: 1913												
01	CLR	NC				69	58	62	68	5	36	29.25	30.13	01	FEW	090				10.00			77	71	73	82	0	00	29.09	29.96
04	CLR	NC				63	55	58	75	0	00	29.28	30.16	04	CLR	NC				8.00			72	69	70	90	0	00	29.07	29.93
07	CLR	NC				61	53	57	75	0	00	29.33	30.21	07	CLR	NC				10.00			77	69	72	76	7	20	29.10	29.96
10	CLR	NC				70	53	60	55	8	04	29.37	30.24	10	CLR	NC				10.00			87	68	74	53	10	21	29.11	29.98
13	CLR	NC				76	53	62	45	5	04	29.33	30.21	13	CLR	NC				10.00			95	69	77	43	7	27	29.09	29.96
16	CLR	NC				79	53	64	41	3	07	29.29	30.17	16	CLR	NC				10.00			96	64	74	35	13	24	29.04	29.90
19	CLR	NC				74	54	62	50	3	04	29.25	30.13	19	CLR	NC				10.00			91	67	75	45	0	00	29.00	29.86
22	CLR	NC				68	55	60	63	3	05	29.27	30.15	22	CLR	NC				9.00			78	69	72	74	0	00	29.05	29.91

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
AUGUST 2007 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)													
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL										
<b>SUNRISE: 0553</b>						<b>AUG 25</b>						<b>SUNSET: 1912</b>											
01	CLR	NC				75	69	71	82	3	13	29.02	29.88										
04	SCT	090				79	67	71	67	7	20	29.02	29.88										
07	SCT	085				79	68	72	69	5	20	29.07	29.93										
10	CLR	NC				83	68	73	61	6	21	29.08	29.94										
13	CLR	NC				88	67	74	50	10	21	29.07	29.92										
16	CLR	NC				91	66	74	44	7	VR	28.99	29.85										
19	CLR	NC				82	67	72	61	5	35	29.00	29.86										
22	CLR	NC				77	69	72	76	7	35	29.05	29.91										
<b>SUNRISE: 0554</b>						<b>AUG 26</b>						<b>SUNSET: 1911</b>											
01	FEW	065				73	69	70	87	0	00	29.07	29.93										
04	FEW	012				72	69	70	90	6	01	29.07	29.93										
07	OVC	009				71	68	69	90	6	35	29.12	30.00										
10	OVC	013				74	66	69	76	3	VR	29.17	30.04										
13	FEW	030				82	63	70	53	7	07	29.15	30.03										
16	SCT	048				86	59	69	40	6	VR	29.11	29.98										
19	CLR	NC				81	60	68	49	5	04	29.12	29.99										
22	CLR	NC				75	58	65	56	6	07	29.17	30.04										
<b>SUNRISE: 0555</b>						<b>AUG 27</b>						<b>SUNSET: 1909</b>											
01	CLR	NC				70	60	64	71	3	02	29.17	30.04										
04	FEW	085				66	61	63	84	3	02	29.17	30.05										
07	FEW	080				66	61	63	84	6	02	29.22	30.10										
10	CLR	NC				79	62	68	56	7	06	29.22	30.10										
13	CLR	NC				88	60	70	39	8	04	29.20	30.07										
16	SCT	065				89	59	70	36	6	01	29.17	30.04										
19	CLR	NC				84	60	69	44	6	04	29.14	30.01										
22	CLR	NC				76	61	67	60	3	02	29.19	30.06										
<b>SUNRISE: 0556</b>						<b>AUG 28</b>						<b>SUNSET: 1908</b>											
01	SCT	075				72	63	66	73	3	35	29.20	30.07										
04	SCT	080				70	63	66	79	0	00	29.19	30.06										
07	CLR	NC			HZ	69	64	66	84	0	00	29.21	30.09										
10	CLR	NC				82	66	71	58	3	30	29.23	30.11										
13	CLR	NC				92	60	71	34	6	VR	29.21	30.08										
16	CLR	NC				93	59	71	32	7	34	29.15	30.02										
19	CLR	NC				89	56	68	33	0	00	29.13	30.00										
22	CLR	NC				80	59	67	49	5	08	29.17	30.04										
<b>SUNRISE: 0557</b>						<b>AUG 29</b>						<b>SUNSET: 1906</b>											
01	CLR	NC				72	61	65	68	0	00	29.17	30.04										
04	CLR	NC				68	63	65	84	0	00	29.18	30.05										
07	OVC	090			BR	68	64	65	87	0	00	29.20	30.07										
10	CLR	NC				83	66	72	57	5	21	29.21	30.08										
13	SCT	090				92	64	73	40	6	33	29.17	30.03										
16	CLR	NC				90	63	72	41	5	27	29.11	29.98										
19	CLR	NC			HZ	83	67	72	59	0	00	29.10	29.97										
22	CLR	NC			HZ	77	67	70	71	0	00	29.13	30.00										
<b>SUNRISE: 0558</b>						<b>AUG 30</b>						<b>SUNSET: 1905</b>											
01	CLR	NC			BR	73	69	70	87	3	24	29.12	29.99										
04	CLR	NC			HZ	73	67	69	82	0	00	29.13	30.00										
07	BKN	100			BR	71	69	70	93	3	22	29.15	30.03										
10	FEW	012			HZ	79	68	72	69	0	00	29.15	30.03										
13	CLR	NC			HZ	86	69	74	57	9	23	29.13	30.00										
16	OVC	022			TSRA BR	70	68	69	93	0	00	29.08	29.96										
19	SCT	023			BR	72	69	70	90	0	00	29.10	29.98										
22	OVC	031			BR	72	69	70	90	5	01	29.15	30.02										

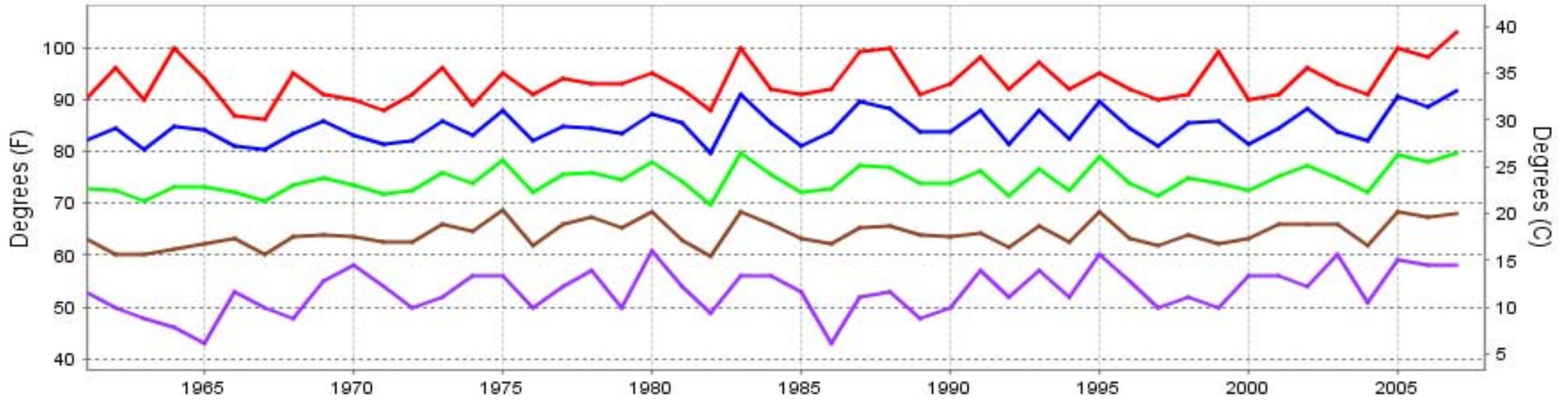
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)													
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL										
<b>SUNRISE: 0558</b>						<b>AUG 31</b>						<b>SUNSET: 1903</b>											
01	OVC	039				70	66	67	87	5	02	29.13	30.01										
04	OVC	021				69	64	66	84	3	01	29.13	30.01										
07	OVC	017				68	62	64	81	6	01	29.15	30.03										
10	OVC	015				69	62	65	79	6	02	29.18	30.06										
13	OVC	032				74	65	68	74	0	00	29.18	30.06										
16	BKN	045				79	64	69	60	7	01	29.15	30.03										
19	FEW	055				74	62	66	66	5	36	29.15	30.03										
22	CLR	NC				70	59	63	68	6	03	29.20	30.08										

**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			72	66	69	82	29.11	29.97	7.53	2	1	16
02			72	66	68	83	29.10	29.97	7.48	2	1	21
03			71	66	68	85	29.10	29.97	6.98	2	1	18
04			70	66	67	86	29.10	29.97	6.89	2	1	19
05			70	66	67	87	29.11	29.98	6.87	2	1	24
06			69	65	67	88	29.12	29.99	5.94	2	1	24
07			70	66	68	87	29.13	30.00	5.88	2	1	21
08			73	66	69	80	29.14	30.01	6.90	3	0	17
09			77	67	70	72	29.15	30.02	7.49	4	2	25
10			81	67	71	64	29.15	30.02	8.06	5	1	25
11			83	67	72	58	29.15	30.02	7.98	5	1	25
12			86	66	73	53	29.14	30.01	7.87	5	1	24
13			87	65	72	50	29.12	29.99	8.02	7	4	26
14			89	65	73	48	29.11	29.98	8.31	7	2	26
15			89	64	73	46	29.10	29.96	8.44	7	3	26
16			89	64	72	46	29.09	29.95	8.28	7	4	26
17			88	63	72	46	29.08	29.95	8.53	7	5	27
18			86	64	72	50	29.07	29.94	8.40	5	2	26
19			84	65	71	55	29.08	29.95	8.15	5	1	23
20			81	65	70	60	29.09	29.96	8.50	3	1	17
21			79	66	70	66	29.11	29.98	8.53	3	1	14
22			76	66	70	71	29.11	29.98	8.19	3	1	12
23			75	66	69	75	29.12	29.98	8.19	3	1	12
24			73	66	69	79	29.12	29.98	8.06	2	1	12

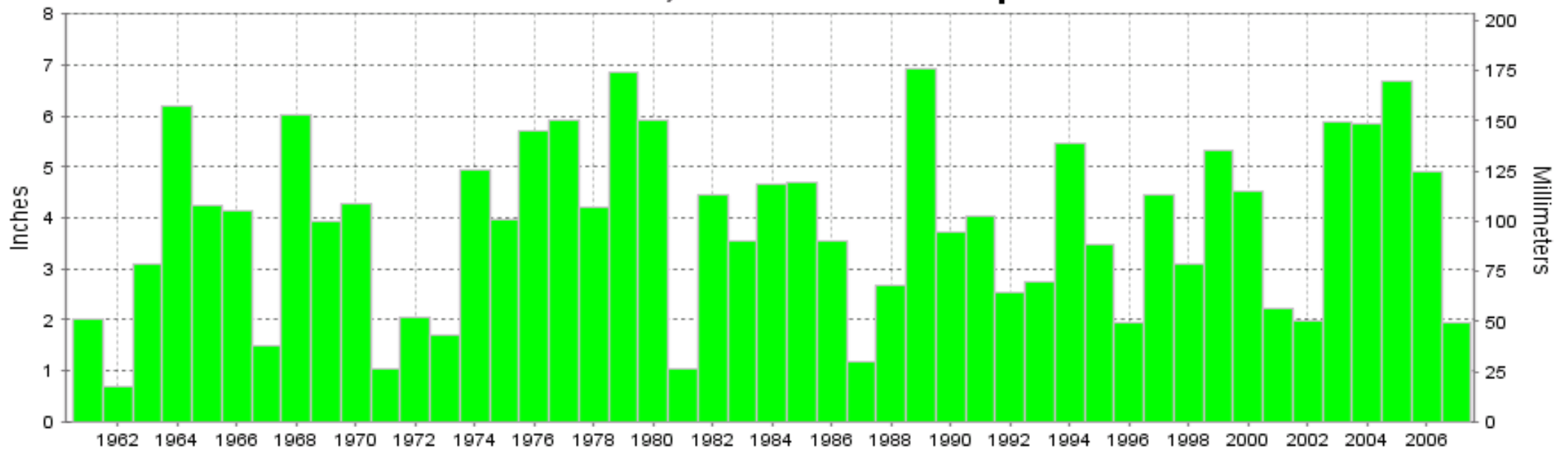
## HUNTINGTON, WV AUGUST Temperatures



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

Long-Term (1961-2007) Mean: 74.4  
1971-2000 Normal: 73.9

## HUNTINGTON, WV AUGUST Precipitation



Long-Term (1961-2007) Mean Monthly Total: 3.87

1971-2000 Normal: 3.88





**AUGUST 2007  
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.*

*Thomas R. Karl*  
**DIRECTOR**

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