



# MAY 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	Temperature °F						Deg Days BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM					
																			3-SEC	DIR	2-MIN	DIR		
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	75	58	67	8	60	63	0	2	RA BR	0		0.0	0.12	29.08	29.95	6.2	23	7.2	23	33	17	33	01	
02	62	52	57	-2	53	54	8	0	RA BR	0		0.0	0.14	29.08	29.98	1.2	33	2.4	15	16	10	34	02	
03	58	53	56	-3	54	54	9	0	RA BR	0		0.0	0.74	29.04	29.92	4.1	04	4.4	16	04	13	04	03	
04	66	51	59	-1	52	54	6	0	RA BR	0		0.0	0.77	29.04	29.95	5.2	02	7.1	24	36	16	35	04	
05	62	52	57	-3	54	55	8	0	RA FG+ FG BR	0		0.0	0.09	29.08	29.97	1.2	08	3.0	30	21	9	05	05	
06	67	51	59	-2	57	58	6	0	RA FG+ FG BR	0		0.0	0.33	29.00	29.86	2.7	18	4.2	28	20	18	19	06	
07	73	58	66	5	57	60	0	1	RA BR	0		0.0	0.17	28.96	29.85	3.3	25	4.3	24	10	14	24	07	
08	78	56	67	6	59	61	0	2	TS TSRA RA FG BR	0		0.0	1.27	28.91	29.78	2.8	18	3.7	16	19	12	19	08	
09	75	57	66	4	56	61	0	1	RA	0		0.0	T	28.94	29.86	5.6	25	7.6	29	27	21*	24	09	
10	70	46	58	-4	45	52	7	0	FG+ BR	0		0.0	0.00	29.21	30.11	1.5	32	3.5	23	23	13	33	10	
11	66	52	59	-3	47	52	6	0	TS TSRA RA	0		0.0	0.08	29.21	30.11	1.6	25	3.3	17	21	12	23	11	
12	70	41	56	-7	39	48	9	0		0		0.0	0.00	29.30	30.20	1.6	06	2.9	22	03	9	06	12	
13	76	47	62	-1	48	55	3	0	TS TSRA RA BR	0		0.0	0.35	29.23	30.11	4.6	16	6.3	23	18	16	20	13	
14	77	61	69	6	57	62	0	4	TS TSRA RA HZ	0		0.0	0.08	29.16	30.07	6.0	21	8.1	24	32	17	19	14	
15	83	57	70	7	60	64	0	5	FG+ FG BR	0		0.0	0.00	29.24	30.11	1.2	16	2.4	16	18	12	19	15	
16	82	58	70	7	61	64	0	5	TS TSRA RA BR HZ	0		0.0	0.45	29.08	29.98	4.2	22	6.8	24	32	18	32	16	
17	61	42	52	-12	35	45	13	0		0		0.0	0.00	29.31	30.23	6.5	36	7.2	23	01	16	01	17	
18	66	38	52*	-13	32	43	13	0	RA BR	0		0.0	T	29.41	30.32	1.8	06	3.7	22	05	15	05	18	
19	74	36*	55	-10	36	47	10	0		0		0.0	0.00	29.44	30.35	1.1	03	2.2	14	04	9	02	19	
20	82	42	62	-3	42	52	3	0		0		0.0	0.00	29.41	30.29	2.0	10	2.9	15	13	10	12	20	
21	83	48	66	1	48	57	0	1		0		0.0	0.00	29.33	30.21	1.9	14	2.8	13	14	9	14	21	
22	85	62	74	9	58	64	0	9	RA	0		0.0	T	29.24	30.12	0.6	11	1.6	12	07	8	07	22	
23	85*	60	73	8	60	65	0	8	BR	0		0.0	0.00	29.17	30.04	1.1	17	2.5			9	30	23	
24	84	63	74	8	62	67	0	9	BR	0		0.0	0.00	29.10	29.98	1.6	19	2.5	13	12	9	19	24	
25	81	67	74*	7	66	68	0	9	TS TSRA RA FG BR	0		0.0	0.85	29.05	29.92	1.4	10	2.3	24	17	17	16	25	
26	79	64	72	5			0	7	TS TSRA RA FG+ FG BR	0		0.0	0.40	29.00	29.88	2.7	11	3.7	17	13	13	13	26	
27	80	62	71	4			0	6	TS RA FG+ FG BR HZ	0		0.0	0.03	28.94	29.81	1.8	19	2.8	26	09	12	17	27	
28	80	64	72	5	66	68	0	7	TS RA BR	0		0.0	0.19	28.87	29.73	2.2	21	3.7	21	26	15	26	28	
29	74	59	67	0	58	61	0	2	RA BR HZ	0		0.0	0.31	28.94	29.83	2.6	30	5.0	30*	08	12	33	29	
30	75	57	66	-2	59	61	0	1	TS TSRA GR RA FG BR HZ	0		T	1.10	28.98	29.85	4.0	22	4.6	29	24	17	26	30	
31	77	55	66	-2	56	61	0	1	TS BR	0		0.0	0.00	29.00	29.90	2.9	31	5.6			13	36	31	

74.4	53.8	64.1	☼	53.0	57.8	3.3	2.6	< MONTHLY AVERAGES   TOTALS >				T	7.47	29.12	30.00	0.7	21	4.2	< MONTHLY AVERAGES			
-0.2	1.2	0.5		-----DEPARTURE FROM NORMAL ----->								3.06	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 1.27 <b>DATE :</b> 08				<b>SEA LEVEL PRESSURE</b>				<b>DATE TIME</b>			
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> T <b>DATE :</b> 30				<b>MAXIMUM :</b> 30.43				<b>19 0900</b>			
<b>SEASON TO DATE</b>				<b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>				<b>MINIMUM :</b> 29.68				<b>28 1451</b>			
<b>TOTAL DEPARTURE</b>		<b>TOTAL DEPARTURE</b>		<b>NUMBER OF -&gt; DAYS WITH</b>		<b>MAXIMUM TEMP &gt;= 90 :</b> 0		<b>MINIMUM TEMP &lt;= 32 :</b> 0		<b>PRECIPITATION &gt;= 0.01 INCH:</b> 18		<b>PRECIPITATION &gt;= 0.10 INCH:</b> 14			
<b>HEATING :</b> 101		<b>COOLING :</b> 80		<b>THUNDERSTORMS :</b> 11		<b>MAXIMUM TEMP &lt;= 32 :</b> 0		<b>MINIMUM TEMP &lt;= 0 :</b> 0		<b>HEAVY FOG :</b> 6		<b>SNOWFALL &gt;= 1.0 INCH :</b> 0			

MAY 2009 HUNTINGTON, WV

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
MAY 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					0.02	0.03	T	0.01	0.05				01	T			T							0.01	01	0.12	0.12	
02	0.02	0.02	0.05	0.04						0.01	T		02												02	0.14	0.14	
03		T	0.01	0.03	0.09	0.08	0.08	0.04	0.04	0.01	0.01	0.02	03	0.01	T	T	T	T		0.01	0.03	0.05	0.08	0.11	0.04	03	0.74	0.74
04	0.06	0.15	0.12	0.12	0.09	0.07	0.09	0.06	0.01				04												04	0.77	0.77	
05									0.01	0.08	T		05	T	T	T									05	0.09	0.09	
06												0.02	06	0.04	0.22	0.03		0.02	T					T	T	06	0.33	0.33
07	T	0.02		T		0.04	0.09	0.02	T				07												07	0.17	0.17	
08							T	0.09					08				T	0.47	0.62	T	0.09				08	1.27	1.27	
09													09			T									09	T	T	
10													10												10	0.00	0.00	
11													11			0.08									11	0.08	0.08	
12													12												12	0.00	0.00	
13													13		T										13	0.35	0.35	
14									0.08				14							0.01	0.21	0.13	T	T	14	0.08	0.08	
15													15												15	0.00	0.00	
16						T	T	0.06					16		0.11	0.01	0.07	0.01	T	0.03	0.16	T		16	0.45	0.45		
17													17												17	0.00	0.00	
18													18			T	T								18	T	T	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21												21	0.00	0.00	
22			T										22												22	T	T	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25	0.55	0.18	0.06	0.04	0.02							25	0.85	0.85	
26												T	26	T	0.37						0.03	T		26	0.40	0.40		
27													27				0.01	0.01	0.01					27	0.03	0.03		
28							0.14						28	T	T	0.01	0.04							28	0.19	0.19		
29	0.31												29											29	0.31	0.31		
30												T	30	T										30	1.10	1.10		
31													31										0.26	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)	0.38	0.54	0.59	0.67	0.80	0.96	1.03	1.08	1.09	1.09	1.09	1.15
Ending Date	25	25	25	30	30	08	08	08	08	08	08	08
Ending Time (Hr/Min)	1254	1258	1303	1854	1855	1818	1827	1836	1836	1836	1836	2021

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 MAY 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: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							5.00	10.00	
02							3.00	10.00	
03							1.50	10.00	
04							3.00	10.00	
05							0.25	10.00	
06							0.00	10.00	
07							3.00	10.00	
08							0.75	10.00	
09							8.00	10.00	
10							4.00	10.00	
11							9.00	10.00	
12							7.00	10.00	
13							2.50	10.00	
14							3.00	10.00	
15							0.00	10.00	
16							2.00	10.00	
17							10.00	10.00	
18							9.00	10.00	
19							9.00	10.00	
20							8.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							6.00	10.00	
24							4.00	10.00	
25							0.50	10.00	
26							0.25	10.00	
27							1.25	10.00	
28							5.00	10.00	
29							4.00	10.00	
30							0.50	10.00	
31							2.50	10.00	
MONTHLY AVGS							4.26	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 26509				
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		
4			16				9		

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
MAY 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 Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cl'd Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0534						MAY 01						SUNSET: 1921															
01	BKN	095			10.00	66	57	61	73	3	16	29.11	29.99	01	OVC	027			10.00	61	59	60	93	5	21	28.93	29.81
04	BKN	110			10.00	65	56	60	73	5	17	29.05	29.93	04	OVC	090		-RA	10.00	61	59	60	93	5	21	28.92	29.80
07	OVC	040			6.00	62	60	61	93	8	21	29.08	29.95	07	OVC	022		-RA BR	3.00	60	58	59	93	3	27	28.98	29.85
10	OVC	026			10.00	66	61	63	84	10	24	29.12	30.00	10	OVC	016			10.00	62	57	59	84	0	00	28.99	29.87
13	OVC	039			10.00	70	62	65	76	8	24	29.10	29.98	13	BKN	055			10.00	70	54	61	57	7	26	29.00	29.87
16	SCT	049			10.00	74	62	66	66	8	22	29.05	29.92	16	FEW	055			10.00	71	54	61	55	8	26	28.96	29.83
19	SCT	060			10.00	71	60	64	68	11	22	29.03	29.91	19	CLR	NC			10.00	69	56	61	63	3	24	28.96	29.84
22	OVC	035			10.00	68	61	64	78	7	23	29.07	29.94	22	FEW	039		BR	6.00	59	57	58	93	5	20	29.00	29.87
SUNRISE: 0533						MAY 02						SUNSET: 1922															
01	OVC	021			6.00	56	54	55	93	3	36	29.09	29.97	01	CLR	NC		BR	6.00	59	57	58	93	5	19	28.99	29.86
04	OVC	046			9.00	53	52	52	96	3	01	29.08	29.97	04	CLR	NC		BR	4.00	57	55	56	93	0	00	28.96	29.84
07	OVC	020			10.00	53	50	51	90	0	00	29.13	30.01	07	BKN	100			9.00	60	57	58	90	0	00	28.93	29.81
10	OVC	021			6.00	54	51	52	90	5	33	29.14	30.03	10	BKN	090			10.00	67	60	63	78	3	VR	28.92	29.80
13	OVC	043			10.00	59	51	55	75	0	00	29.10	29.99	13	OVC	050			10.00	76	59	65	56	7	VR	28.90	29.77
16	OVC	040			10.00	59	53	56	81	3	19	29.07	29.95	16	CLR	NC			10.00	76	60	66	58	0	00	28.85	29.72
19	OVC	038			10.00	58	54	56	87	0	00	29.05	29.94	19	BKN	110		-RA	10.00	65	63	64	93	3	14	28.85	29.73
22	OVC	046			7.00	57	55	56	93	0	00	29.08	29.97	22	OVC	065			10.00	63	61	62	93	9	20	28.90	29.77
SUNRISE: 0532						MAY 03						SUNSET: 1922															
01	OVC	048			5.00	56	55	55	96	0	00	29.05	29.94	01	CLR	NC			10.00	63	61	62	93	5	20	28.87	29.74
04	OVC	047			1.50	56	55	55	96	3	36	29.04	29.92	04	CLR	NC			8.00	63	61	62	93	0	00	28.87	29.74
07	OVC	029			2.00	53	52	52	96	5	01	29.07	29.96	07	OVC	075			9.00	65	62	63	90	3	22	28.92	29.79
10	OVC	041			6.00	55	53	54	93	7	08	29.08	29.97	10	OVC	080			10.00	69	65	66	87	9	21	28.93	29.81
13	OVC	022			9.00	57	55	56	93	3	04	29.05	29.93	13	SCT	035			10.00	73	61	66	66	14	23	28.95	29.82
16	OVC	020			10.00	57	55	56	93	5	02	29.03	29.91	16	FEW	042			10.00	73	56	63	55	11	28	28.97	29.84
19	OVC	029			8.00	57	54	55	90	3	03	29.02	29.90	19	CLR	NC			10.00	68	44	55	42	9	31	29.04	29.91
22	OVC	050			4.00	54	54	54	100	7	05	29.00	29.89	22	CLR	NC			10.00	59	45	52	60	5	31	29.15	30.03
SUNRISE: 0530						MAY 04						SUNSET: 1923															
01	OVC	005			5.00	54	53	53	96	11	03	28.91	29.79	01	CLR	NC			10.00	52	47	49	83	0	00	29.18	30.06
04	OVC	030			5.00	52	51	51	96	9	36	28.91	29.79	04	CLR	NC			10.00	48	46	47	93	3	20	29.20	30.09
07	OVC	060			3.00	51	51	51	100	9	35	29.04	29.93	07	FEW	032		BR	4.00	50	48	49	93	0	00	29.22	30.11
10	OVC	013			9.00	53	51	52	93	8	33	29.09	29.99	10	SCT	023			10.00	62	50	55	65	5	VR	29.24	30.13
13	BKN	035			10.00	62	54	57	75	5	21	29.13	30.02	13	BKN	060			10.00	68	46	56	45	8	31	29.23	30.12
16	BKN	045			10.00	66	53	59	63	6	04	29.09	29.98	16	FEW	060			10.00	70	44	56	39	8	32	29.23	30.12
19	SCT	110			10.00	63	51	56	65	7	05	29.10	29.99	19	CLR	NC			10.00	64	42	53	45	3	35	29.21	30.10
22	OVC	085			10.00	59	50	54	72	8	07	29.12	30.01	22	BKN	110			10.00	61	40	51	46	0	00	29.23	30.12
SUNRISE: 0529						MAY 05						SUNSET: 1924															
01	BKN	080			10.00	57	49	53	75	6	07	29.11	30.00	01	OVC	110			10.00	55	47	51	75	0	00	29.21	30.10
04	OVC	046			10.00	55	51	53	86	5	05	29.08	29.96	04	OVC	110			10.00	54	47	50	77	0	00	29.20	30.09
07	OVC	055			10.00	55	51	53	86	3	06	29.08	29.97	07	OVC	110			10.00	54	47	50	77	3	23	29.23	30.12
10	OVC	040			1.75	55	53	54	93	5	02	29.08	29.97	10	SCT	065			10.00	58	48	53	70	0	00	29.24	30.13
13	OVC	010			10.00	58	55	56	90	0	00	29.08	29.96	13	OVC	080			10.00	63	45	54	52	6	26	29.21	30.10
16	OVC	055			8.00	60	56	58	87	5	18	29.07	29.95	16	CLR	NC			10.00	63	52	57	68	8	17	29.19	30.08
19	OVC	065			9.00	60	57	58	90	5	17	29.07	29.95	19	SCT	060			10.00	63	48	55	58	3	28	29.19	30.08
22	CLR	NC			7.00	57	56	56	96	0	00	29.09	29.98	22	CLR	NC			9.00	57	42	50	57	3	33	29.23	30.12
SUNRISE: 0528						MAY 06						SUNSET: 1925															
01	OVC	005			0.25	52	52	52	100	0	00	29.09	29.98	01	CLR	NC			10.00	52	40	46	64	5	04	29.26	30.15
04	VV	001			0.25	52	52	52	100	0	00	29.07	29.95	04	CLR	NC			10.00	45	42	44	89	0	00	29.29	30.18
07	VV	001			0.00	53	53	53	100	0	00	29.08	29.97	07	CLR	NC			7.00	47	44	46	89	3	35	29.36	30.26
10														10	CLR	NC			10.00	61	41	51	48	3	35	29.39	30.28
13	OVC	049			4.00	63	60	61	90	3	VR	28.95	29.83	13	CLR	NC			10.00	66	37	52	34	7	VR	29.35	30.24
16	OVC	046			10.00	65	60	62	84	11	17	28.84	29.72	16	CLR	NC			10.00	69	34	52	28	0	00	29.28	30.18
19	BKN	100			10.00	65	58	61	78	9	24	28.88	29.76	19	CLR	NC			10.00	66	34	50	31	0	00	29.25	30.14
22	OVC	065			10.00	63	59	61	87	3	21	28.94	29.82	22	CLR	NC			10.00	54	39	47	57	5	07	29.27	30.16

# OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV  
MAY 2009 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)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0521 MAY 13 SUNSET: 1932													SUNRISE: 0516 MAY 19 SUNSET: 1937																
01	CLR	NC			10.00		52	37	45	57	5	08	29.25	30.14	01	CLR	NC			10.00		44	36	40	74	0	00	29.43	30.33
04	CLR	NC			10.00		47	40	44	77	5	10	29.22	30.11	04	CLR	NC			10.00		38	35	37	89	0	00	29.44	30.35
07	CLR	NC			10.00		51	44	48	77	0	00	29.28	30.17	07	CLR	NC			10.00		42	37	40	83	0	00	29.50	30.41
10	CLR	NC			10.00		69	48	57	47	13	18	29.27	30.16	10	CLR	NC			10.00		62	38	50	41	0	00	29.52	30.42
13	BKN	110			10.00		73	50	60	44	7	18	29.23	30.11	13	CLR	NC			10.00		69	33	52	26	5	VR	29.47	30.37
16	FEW	055			10.00		73	51	60	46	14	16	29.17	30.06	16	CLR	NC			10.00		73	35	54	25	10	VR	29.41	30.32
19	SCT	110			10.00		71	50	59	48	6	20	29.16	30.05	19	CLR	NC			10.00		71	34	53	26	3	04	29.40	30.29
22	OVC	060			6.00	-RA BR	61	58	59	90	8	09	29.21	30.09	22	CLR	NC			10.00		57	40	49	53	0	00	29.43	30.32
SUNRISE: 0520 MAY 14 SUNSET: 1933													SUNRISE: 0515 MAY 20 SUNSET: 1938																
01	CLR	NC			10.00		63	51	56	65	13	18	29.11	29.99	01	CLR	NC			10.00		49	43	46	80	0	00	29.44	30.34
04	SCT	070			10.00		64	50	56	61	8	18	29.09	29.97	04	CLR	NC			10.00		44	41	43	89	0	00	29.44	30.33
07	FEW	055			10.00		67	54	60	63	13	19	29.14	30.02	07	CLR	NC			10.00		50	44	47	80	0	00	29.47	30.37
10	OVC	070			10.00		69	61	64	76	11	20	29.19	30.08	10	CLR	NC			10.00		67	38	52	35	5	VR	29.47	30.37
13	SCT	026			10.00		75	62	67	64	10	27	29.19	30.07	13	CLR	NC			10.00		77	40	57	27	6	15	29.43	30.32
16	BKN	085			10.00		75	60	66	60	7	23	29.19	30.07	16	CLR	NC			10.00		81	38	58	21	8	11	29.36	30.24
19	BKN	039			10.00		73	60	65	64	7	33	29.23	30.11	19	CLR	NC			10.00		79	39	58	24	0	00	29.31	30.19
22	SCT	055			10.00		68	58	62	71	0	00	29.29	30.16	22	CLR	NC			10.00		63	46	54	54	3	08	29.33	30.22
SUNRISE: 0519 MAY 15 SUNSET: 1934													SUNRISE: 0515 MAY 21 SUNSET: 1939																
01	CLR	NC			4.00	BR	60	58	59	93	0	00	29.29	30.17	01	CLR	NC			10.00		53	45	49	74	3	12	29.34	30.23
04	BKN	050			0.50	FG	58	56	57	93	0	00	29.30	30.18	04	CLR	NC			10.00		54	40	47	59	3	11	29.36	30.24
07	VV	001			0.00	FG	60	59	59	97	0	00	29.30	30.18	07	CLR	NC			10.00		56	45	50	67	0	00	29.41	30.29
10	OVC	042			10.00		72	62	66	71	0	00	29.29	30.17	10	CLR	NC			10.00		72	49	59	44	7	VR	29.40	30.29
13	FEW	035			10.00		79	63	69	58	5	18	29.26	30.14	13	FEW	065			10.00		80	51	63	37	6	20	29.34	30.22
16	CLR	NC			10.00		82	61	69	49	0	00	29.16	30.04	16	CLR	NC			10.00		82	50	63	33	0	00	29.27	30.15
19	CLR	NC			10.00		77	62	67	60	0	00	29.16	30.04	19	CLR	NC			10.00		81	48	62	32	0	00	29.24	30.12
22	CLR	NC			10.00		72	61	65	68	7	17	29.14	30.02	22	CLR	NC			10.00		67	55	60	66	3	09	29.27	30.15
SUNRISE: 0519 MAY 16 SUNSET: 1934													SUNRISE: 0514 MAY 22 SUNSET: 1940																
01	CLR	NC			10.00		67	59	62	76	3	20	29.09	29.97	01	CLR	NC			10.00		64	56	59	75	0	00	29.27	30.14
04	OVC	110			10.00		65	60	62	84	6	19	29.10	29.98	04	CLR	NC			10.00		63	56	59	78	0	00	29.25	30.13
07	BKN	065			10.00		67	61	63	81	6	21	29.12	29.99	07	CLR	NC			10.00		65	58	61	78	0	00	29.29	30.16
10	CLR	NC			10.00		76	63	68	64	11	19	29.09	29.97	10	CLR	NC			10.00		73	58	64	59	3	VR	29.29	30.17
13	SCT	080			10.00		79	63	69	58	11	22	29.07	29.93	13	FEW	045			10.00		82	58	67	44	0	00	29.25	30.13
16	BKN	110			3.00	TS HZ	70	65	67	84	3	VR	29.05	29.93	16	SCT	120			10.00		82	58	67	44	3	02	29.20	30.08
19	BKN	095			5.00	-RA BR	68	66	67	93	8	20	29.08	29.95	19	CLR	NC			10.00		78	59	66	52	0	00	29.20	30.08
22	OVC	050			10.00		61	58	59	90	5	32	29.16	30.04	22	CLR	NC			10.00		73	60	65	64	0	00	29.21	30.08
SUNRISE: 0518 MAY 17 SUNSET: 1935													SUNRISE: 0513 MAY 23 SUNSET: 1940																
01	OVC	065			10.00		57	44	50	62	11	34	29.23	30.11	01	CLR	NC			10.00		67	62	64	84	0	00	29.19	30.06
04	CLR	NC			10.00		49	35	43	59	6	36	29.29	30.18	04	SCT	110			6.00	BR	62	60	61	93	0	00	29.19	30.06
07	CLR	NC			10.00		48	34	42	59	9	36	29.35	30.24	07	CLR	NC			10.00		66	60	62	81	0	00	29.21	30.08
10	CLR	NC			10.00		53	36	45	53	10	04	29.38	30.27	10	CLR	NC			10.00		77	59	66	54	6	19	29.21	30.08
13	CLR	NC			10.00		59	33	47	38	10	01	29.36	30.25	13	CLR	NC			10.00		84	60	69	44	0	00	29.17	30.04
16	CLR	NC			10.00		59	30	46	33	9	02	29.31	30.21	16	BKN	050			10.00		83	60	68	46	5	13	29.12	29.99
19	CLR	NC			10.00		56	31	45	39	5	01	29.33	30.23	19	CLR	NC			10.00		76	63	68	64	0	00	29.12	30.00
22	CLR	NC			10.00		48	39	44	71	0	00	29.37	30.27	22	CLR	NC			10.00		71	63	66	76	0	00	29.14	30.01
SUNRISE: 0517 MAY 18 SUNSET: 1936													SUNRISE: 0513 MAY 24 SUNSET: 1941																
01	CLR	NC			10.00		41	38	40	89	0	00	29.38	30.28	01	CLR	NC			6.00	BR	65	62	63	90	0	00	29.12	29.99
04	CLR	NC			10.00		40	38	39	93	0	00	29.39	30.29	04	CLR	NC			9.00		65	61	63	87	0	00	29.11	29.98
07	CLR	NC			10.00		43	39	41	86	0	00	29.44	30.34	07	CLR	NC			8.00		66	62	64	87	0	00	29.14	30.02
10	CLR	NC			10.00		57	28	44	33	7	VR	29.47	30.37	10	CLR	NC			10.00		78	62	68	58	7	19	29.14	30.02
13	CLR	NC			10.00		61	26	46	26	7	VR	29.44	30.34	13	FEW	046			10.00		82	61	69	49	6	19	29.11	29.99
16	CLR	NC			10.00		64	26	47	24	6	VR	29.41	30.31	16	SCT	070			10.00		82	61	69	49	3	19	29.07	29.94
19	CLR	NC			10.00		62	26	46	25	5	05	29.41	30.31	19	FEW	047			10.00		78	66	70	67	3	02	29.05	29.93
22	CLR	NC			10.00		49	35	43	59	3	09	29.43	30.33	22	CLR	NC			10.00		73	65	68	76	0	00	29.08	29.96

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV MAY 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
<b>SUNRISE: 0512      MAY 25      SUNSET: 1942</b>													
01	CLR	NC				71	66	68	84	0 00	29.08	29.95	
04	BKN	110				68	65	66	90	0 00	29.05	29.93	
07	SCT	120				69	65	66	87	0 00	29.08	29.95	
10	OVC	085				76	65	69	69	0 00	29.08	29.95	
13	OVC	060			TS+RA FG	70	66	67	87	11 18	29.07	29.94	
16	SCT	020			-RA	71	68	69	90	3 22	29.03	29.90	
19	OVC	008				71	68	69	90	3 09	29.01	29.88	
22	OVC	100				68	65	66	90	3 07	29.04	29.91	
<b>SUNRISE: 0511      MAY 26      SUNSET: 1943</b>													
01	OVC	004			BR	67	65	66	93	3 11	29.02	29.89	
04	OVC	002			BR	67	65	66	93	0 00	29.01	29.88	
07	OVC	002			BR	66	64	65	93	3 21	29.04	29.91	
10	FEW	016				77	67	70	71	0 00	29.05	29.93	
13	FEW	023				78	69	72	74	6 10	29.02	29.89	
16	CLR	NC				77	69	72	76	8 06	28.97	29.84	
19	BKN	110				75	69	71	82	5 07	28.96	29.83	
22	OVC	110			TS	67				0 00	29.00	29.87	
<b>SUNRISE: 0511      MAY 27      SUNSET: 1944</b>													
01	SCT	110				64				0 00	28.98	29.85	
04	FEW	001				63				3 11	28.95	29.82	
07	FEW	110				66				0 00	28.98	29.85	
10	BKN	055				73	66	68	79	5 21	28.99	29.86	
13	CLR	NC				77	67	70	71	7 19	28.95	29.82	
16	CLR	NC				77	66	70	69	5 26	28.91	29.78	
19	SCT	110				69	65	66	87	0 00	28.89	29.76	
22	FEW	120				67	66	66	97	0 00	28.90	29.77	
<b>SUNRISE: 0510      MAY 28      SUNSET: 1944</b>													
01	CLR	NC				67	66	66	97	5 20	28.88	29.75	
04	CLR	NC			BR	64	64	64	100	0 00	28.87	29.74	
07	BKN	100				66	65	65	97	5 18	28.90	29.77	
10	BKN	025				75	68	70	79	6 21	28.89	29.76	
13	BKN	085				76	67	70	74	5 VR	28.86	29.73	
16	FEW	110			TS	74	69	71	84	7 32	28.83	29.70	
19	CLR	NC				76	67	70	74	0 00	28.83	29.70	
22	CLR	NC				69	68	68	97	0 00	28.86	29.73	
<b>SUNRISE: 0510      MAY 29      SUNSET: 1945</b>													
01	BKN	070				68	67	67	97	7 20	28.85	29.71	
04	OVC	015				65	64	64	97	0 00	28.87	29.73	
07	OVC	012			BR	61	58	59	90	6 35	28.95	29.82	
10	OVC	015			HZ	61	55	58	81	3 36	28.98	29.86	
13	OVC	020				64	56	59	75	7 31	29.01	29.88	
16	FEW	044				71	55	62	57	0 00	28.99	29.86	
19	CLR	NC				70	54	61	57	3 26	28.99	29.86	
22	SCT	065				61	57	59	87	3 21	29.01	29.89	
<b>SUNRISE: 0509      MAY 30      SUNSET: 1946</b>													
01	CLR	NC				58	57	57	97	6 21	29.00	29.88	
04	CLR	NC				57	55	56	93	6 21	29.00	29.88	
07	BKN	110				60	57	58	90	3 21	29.04	29.91	
10	OVC	038				68	57	61	68	0 00	29.03	29.90	
13	BKN	065				72	62	66	71	6 23	29.00	29.88	
16	CLR	NC				73	62	66	69	6 26	28.94	29.81	
19	VV	013			TS +GRRA	60	55	57	84	14 21	28.93	29.81	
22	SCT	100			BR	61	60	60	97	3 16	28.91	29.78	

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: 0509      MAY 31      SUNSET: 1947</b>													
01	BKN	047			BR	63	62	62	97	0 00	28.91	29.78	
04	CLR	NC				62	59	60	90	6 22	28.92	29.80	
07	BKN	090				63	61	62	93	5 22	28.96	29.84	
10	CLR	NC				72	62	66	71	6 30	29.01	29.88	
13	SCT	049				75	56	64	52	13 36	29.05	29.92	
16	FEW	055				75	52	62	45	9 31	29.05	29.93	
19	CLR	NC				72	51	60	48	7 35	29.09	29.97	
22	CLR	NC				63	51	56	65	0 00	29.12	30.00	

## 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

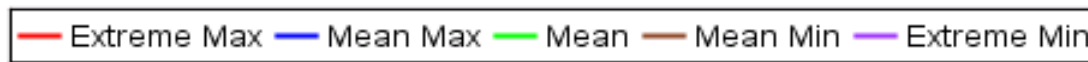
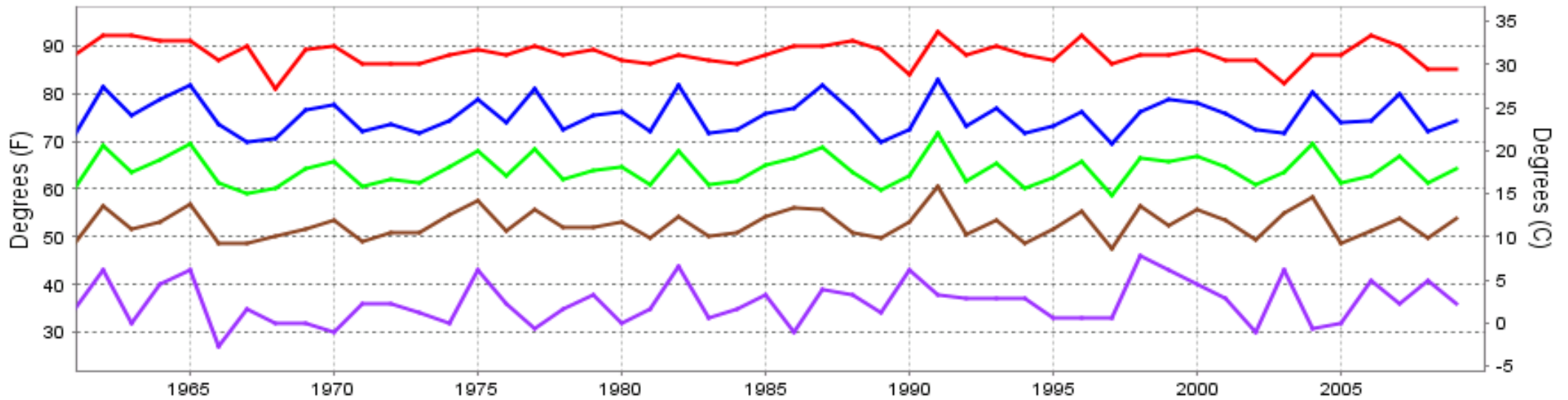
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

## SUMMARY BY HOUR

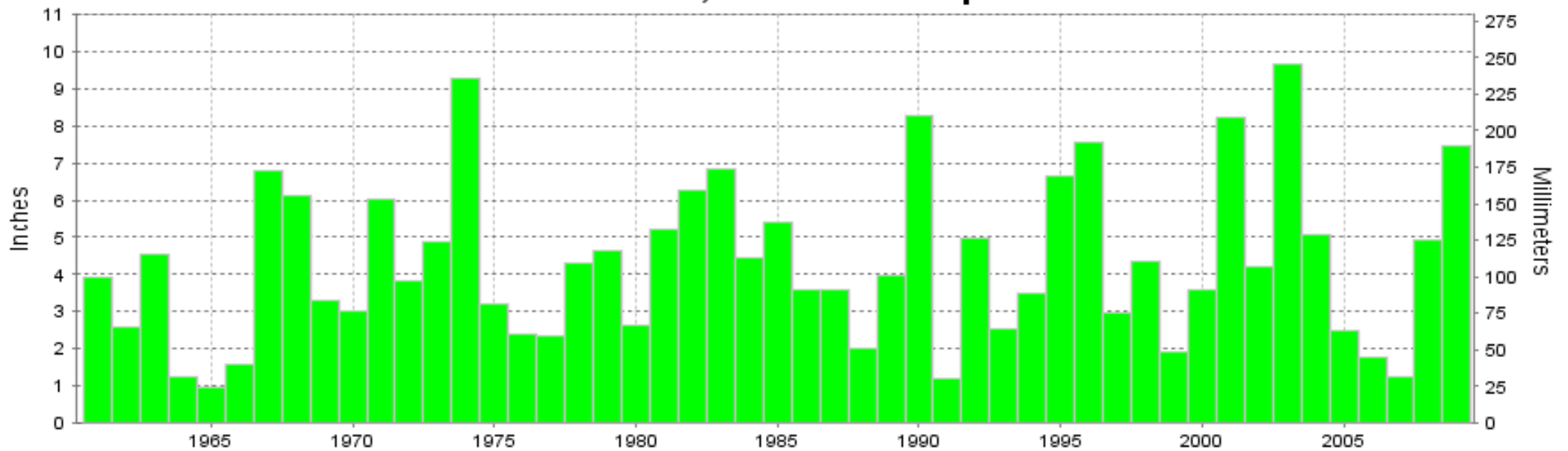
HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)			
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		WIND SPEED (MPH)	DIRECTION		
							STATION	SEA LEVEL				
01			59	54	56	84	29.12	30.00	8.38	3	1	12
02			58	53	55	84	29.11	30.00	7.83	3	1	23
03			57	53	55	86	29.11	30.00	7.65	3	0	23
04			57	52	54	87	29.11	29.99	7.98	2	0	14
05			56	52	54	87	29.12	30.00	7.94	3	0	23
06			56	52	54	90	29.14	30.02	7.07	3	0	19
07			58	53	55	86	29.15	30.03	7.61	3	1	26
08			60	54	57	81	29.16	30.05	8.32	4	1	26
09			63	54	58	74	29.16	30.05	8.87	4	2	26
10			66	54	60	68	29.17	30.05	9.29	5	1	26
11			68	54	60	64	29.16	30.04	9.52	6	0	19
12			70	54	61	60	29.16	30.04	9.90	6	1	26
13			71	54	62	59	29.14	30.02	9.47	6	3	26
14			71	54	61	58	29.13	30.01	9.37	6	2	26
15			72	54	62	58	29.12	30.00	9.50	6	0	21
16			72	54	62	57	29.10	29.98	9.65	6	1	25
17			72	54	62	57	29.10	29.98	9.48	5	1	25
18			71	54	61	59	29.10	29.98	9.41	4	1	26
19			69	53	60	62	29.10	29.98	9.44	4	1	26
20			66	54	59	67	29.10	29.99	9.48	4	0	14
21			64	54	58	72	29.12	30.00	9.24	3	0	22
22			62	54	58	77	29.13	30.01	9.03	3	1	11
23			61	54	57	80	29.13	30.01	9.06	3	1	12
24			59	54	56	84	29.12	30.01	8.50	3	0	14

## HUNTINGTON, WV MAY Temperatures



Long-Term (1961-2009) Mean: 64.0  
 1971-2000 Normal: 63.6

## HUNTINGTON, WV MAY Precipitation



Long-Term (1961-2009) Mean Monthly Total: 4.31

1971-2000 Normal: 4.41



MAY 2009  
HUNTINGTON, WV

## LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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