



APRIL 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			
01	84	45	65	14	38	52	0	0		0		0.0	0.00	29.12	30.00	3.8	19	4.4	20	20	15	19	01	
02	88	50	69	18	39	54	0	4		0		0.0	0.00	29.10	29.97	2.2	18	3.2		9	15	02		
03	80	53	67	16	41	54	0	2		0		0.0	0.00	29.06	29.94	6.1	22	8.0	40*	22	28	25	03	
04	76	44	60	8	38	50	5	0		0		0.0	0.00	29.24	30.13	0.6	10	1.0	17	32	10	11	04	
05	83	53	68	16	52	59	0	3	TS TSRA RA BR	0		0.0	0.47	29.16	30.04	3.5	21	6.4	29	22	20	24	05	
06	89*	62	76*	24	43	59	0	11		0		0.0	0.00	28.99	29.86	8.6	21	9.4	31	22	22	23	06	
07	85	64	75	23	41	57	0	10		0		0.0	0.00	28.90	29.76	7.1	23	7.6	26	22	18	21	07	
08	68	44	56	3	45	51	9	0	RA BR	0		0.0	0.14	28.84	29.72	5.7	24	7.5	31	24	21	30	08	
09	57	41	49	-5	27	39	16	0		0		0.0	0.00	29.14	30.04	7.4	28	8.0	29	26	18	31	09	
10	69	31	50	-4	27	41	15	0		0		0.0	0.00	29.40	30.31	0.9	22	2.1		9	23	10		
11	75	37	56	2	32	46	9	0		0		0.0	0.00	29.38	30.28	0.4	31	2.5	13	32	9	34	11	
12	76	47	62	7	40	51	3	0		0		0.0	0.00	29.40	30.29	2.5	05	3.5	24	08	9	05	12	
13	77	46	62	7	38	50	3	0		0		0.0	0.00	29.40	30.29	4.4	04	5.1	20	06	13	04	13	
14	77	48	63	8	43	52	2	0		0		0.0	0.00	29.49	30.39	3.3	05	4.0	14	06	12	05	14	
15	85	47	66	11	44	55	0	1		0		0.0	0.00	29.39	30.27	1.2	22	1.4	20	06	12	34	15	
16	83	56	70	14	49	58	0	5	RA BR	0		0.0	0.31	29.13	30.01	7.5	26	9.0	39	21	28*	33	16	
17	61	45	53	-3	29	43	12	0	RA	0		0.0	T	29.12	30.01	7.5	32	8.2	24	01	17	35	17	
18	61	35	48	-8	28	41	17	0		0		0.0	0.00	29.20	30.10	2.6	33	4.0	20	32	12	34	18	
19	63	39	51	-5	34	43	14	0		0		0.0	0.00	29.22	30.12	2.6	06	3.4		12	06	19		
20	69	41	55	-2	36	46	10	0	RA	0		0.0	T	29.06	29.94	1.3	28	2.9	15	24	12	23	20	
21	69	48	59	2	39	49	6	0		0		0.0	0.00	28.95	29.83	2.9	29	4.4	20	01	13	33	21	
22	71	40	56	-1	39	49	9	0		0		0.0	0.00	28.96	29.84	3.9	24	4.3	22	25	15	25	22	
23	61	51	56	-1	52	54	9	0	RA BR	0		0.0	0.11	29.04	29.92	1.3	16	2.4	13	14	9	14	23	
24	77	54	66	8	57	59	0	1	RA BR	0		0.0	1.05	28.83	29.76	3.4	16	5.3	31	25	21	25	24	
25	77	58	68	10	54	59	0	3	RA BR	0		0.0	0.20	28.53	29.39	8.5	21	9.6	29	20	21	19	25	
26	58	49	54	-4	49	51	11	0	RA BR	0		0.0	0.07	28.50	29.39	8.7	25	9.6	25	25	16	27	26	
27	58	42	50	-8	37	44	15	0	FG BR	0		0.0	0.00	28.75	29.65	4.4	32	6.0	21	34	15	33	27	
28	63	31*	47*	-12	32	41	18	0	BR	0		0.0	0.00	29.04	29.94	2.5	27	3.6	21	26	13	26	28	
29	72	35	54	-5	39	47	11	0		0		0.0	0.00	29.07	29.96	1.7	18	2.9	23	20	13	20	29	
30	86	45	66	7	45	55	0	1		0		0.0	0.00	28.96	29.84	2.4	20	3.5	20	24	14	20	30	

73.3	46.0	59.7	☼	40.2	50.3	6.5	1.4	< MONTHLY AVERAGES TOTALS >				0.0	2.35	29.08	29.97	2.2	24	5.1	< MONTHLY AVERAGES			
6.7	2.3	4.5		-----DEPARTURE FROM NORMAL ----->				-0.98				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 1.25 DATE : 24-25				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.47 14 0951										
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.28 25 1551										
HEATING :		194 -114		4543		90		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 2		PRECIPITATION >= 0.01 INCH: 7								
COOLING :		41 -16		41		8				MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 6								
										THUNDERSTORMS : 1		HEAVY FOG : 0		SNOWFALL >= 1.0 INCH : 0								

APRIL 2010
HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
APRIL 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	0.00	0.00	
04													04												04	0.00	0.00	
05													05			0.06	T		0.01	0.40	T			05	0.47	0.47		
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08	0.04	0.01										08	0.14	0.14	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15													15												15	0.00	0.00	
16													16												16	0.31	0.31	
17		T											17												17	T	T	
18													18				T	0.03	0.02	0.09	0.13	0.04		T	18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	T	T	
21													21												21	0.00	0.00	
22													22												22	0.00	0.00	
23	0.01												23	0.04	0.01	0.03	T	T							23	0.11	0.11	
24													24				0.01	0.06	0.14	0.12	0.15		0.01	0.27	0.28	24	1.05	1.05
25	0.20	T											25				T	T	T	T		T	T	T	25	0.20	0.20	
26	0.01	T											26	0.01	0.01	0.01	T	T	T	T	T				26	0.07	0.07	
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	

* 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 APRIL 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							10.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							4.00	10.00	
06							7.00	10.00	
07							10.00	10.00	
08							2.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							5.00	10.00	
16							2.00	10.00	
17							7.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							8.00	10.00	
23							3.00	10.00	
24							1.75	10.00	
25							5.00	10.00	
26							3.00	10.00	
27							1.00	10.00	
28							6.00	10.00	
29							9.00	10.00	
30							9.00	10.00	
MONTHLY AVGS							7.43	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 23768				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY		Cloudy		Missing			
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0			>= 7.0			
0			6			20			

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
APRIL 2010 KHTS

WBAN # 03860

Table with columns for Hour (LST), Sky Cover, Ceiling (100's of FT.), Satellite (Observation Time (LST), Eff. Cld Amt, Oktas, Visibility (Miles)), Weather, Temperature (°F: Dry Bulb, Dew Point, Wet Bulb), Wind (Relative Humidity (Pct), Speed (MPH), Direction (Tens of Deg)), Pressure (Inches, Hg: Station, Sea Level), and Hour (LST), Sky Cover, Ceiling (100's of FT.), Satellite (Observation Time (LST), Eff. Cld Amt, Oktas, Visibility (Miles)), Weather, Temperature (°F: Dry Bulb, Dew Point, Wet Bulb), Wind (Relative Humidity (Pct), Speed (MPH), Direction (Tens of Deg)), Pressure (Inches, Hg: Station, Sea Level).

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV

APRIL 2010 KHTS

WBAN # 03860

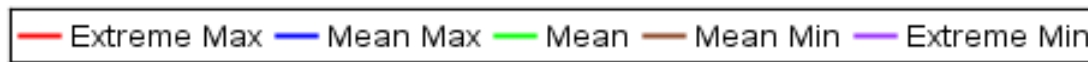
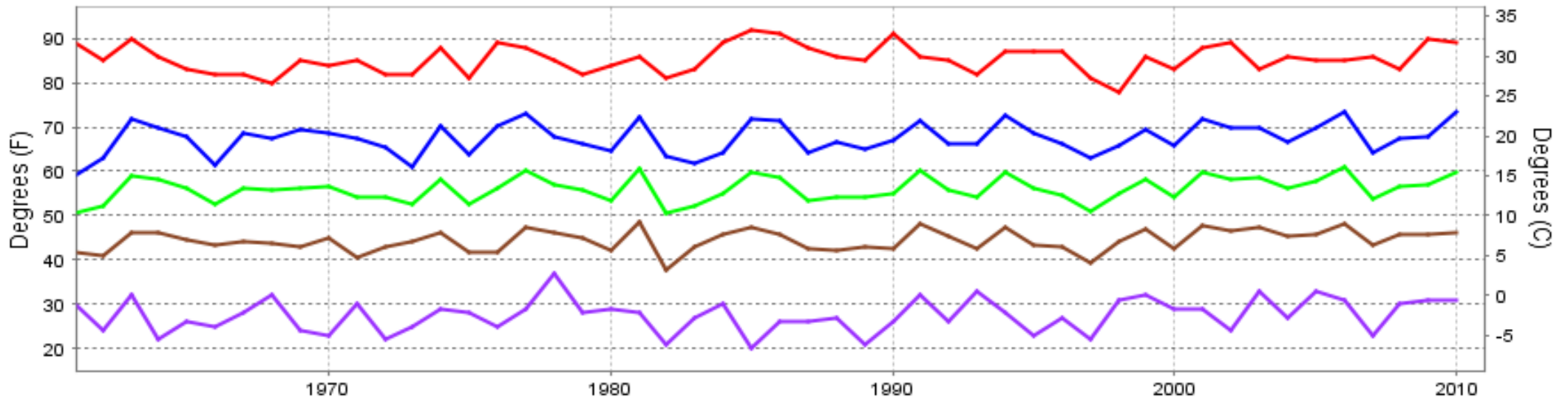
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		
			Observation Time (LST)	Eff Cld Amt Okta		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0541 APR 25						SUNSET: 1915							
01	OVC	060			5.00 RA BR	60	57	58	90	10	14	28.64	29.52
04	CLR	NC			10.00	60	57	58	90	7	18	28.63	29.49
07	FEW	030			10.00	60	57	58	90	3	15	28.60	29.47
10	SCT	080			10.00	70	58	63	66	15	21	28.56	29.42
13	FEW	070			10.00	74	49	60	41	15	21	28.48	29.34
16	BKN	110			10.00	74	46	58	37	13	23	28.42	29.28
19	OVC	080			10.00 -RA	63	52	57	68	10	26	28.49	29.36
22	OVC	075			10.00 -RA	59	54	56	84	7	21	28.50	29.36
SUNRISE: 0540 APR 26						SUNSET: 1916							
01	OVC	042			10.00 -RA	57	53	55	87	11	24	28.47	29.33
04	OVC	043			10.00	56	51	53	83	11	23	28.45	29.31
07	OVC	018			9.00 BR	54	50	52	86	9	22	28.45	29.32
10	OVC	014			10.00	55	50	52	83	11	24	28.46	29.33
13	OVC	044			6.00 -RA BR	53	50	51	90	10	25	28.48	29.35
16	OVC	038			7.00	52	49	50	90	6	27	28.52	29.39
19	OVC	008			6.00 BR	50	48	49	93	9	27	28.59	29.46
22	OVC	070			10.00	51	47	49	86	9	29	28.66	29.54
SUNRISE: 0539 APR 27						SUNSET: 1917							
01	CLR	NC			9.00	49	46	47	89	5	27	28.69	29.57
04	OVC	080			8.00	48	45	47	89	5	23	28.67	29.55
07	BKN	100			3.00 BR	48	46	47	93	0	00	28.69	29.57
10	CLR	NC			10.00	50	38	44	64	5	36	28.72	29.60
13	CLR	NC			10.00	54	36	46	51	5	VR	28.75	29.63
16	CLR	NC			10.00	55	28	43	36	9	31	28.76	29.65
19	CLR	NC			10.00	53	30	43	41	10	34	28.83	29.71
22	CLR	NC			10.00	46	29	39	52	6	34	28.94	29.83
SUNRISE: 0538 APR 28						SUNSET: 1918							
01	CLR	NC			10.00	42	29	37	60	0	00	28.99	29.88
04	CLR	NC			10.00	34	31	33	89	0	00	28.99	29.89
07	CLR	NC			10.00	34	32	33	92	0	00	29.05	29.96
10	CLR	NC			10.00	52	30	42	43	6	21	29.09	29.99
13	BKN	065			10.00	57	30	45	36	7	VR	29.05	29.95
16	FEW	080			10.00	62	32	48	32	9	25	29.03	29.92
19	CLR	NC			10.00	58	30	45	35	3	28	29.04	29.93
22	FEW	075			10.00	46	36	42	68	3	01	29.08	29.97
SUNRISE: 0536 APR 29						SUNSET: 1919							
01	CLR	NC			10.00	41	36	39	82	0	00	29.09	29.99
04	CLR	NC			9.00	36	34	35	92	0	00	29.11	30.01
07	CLR	NC			10.00	39	37	38	93	0	00	29.15	30.05
10	CLR	NC			10.00	60	43	51	54	3	VR	29.15	30.05
13	FEW	060			10.00	67	42	54	40	6	20	29.08	29.97
16	CLR	NC			10.00	71	41	55	34	6	18	29.02	29.91
19													
22	CLR	NC			10.00	62	40	51	45	3	15	28.97	29.85
SUNRISE: 0535 APR 30						SUNSET: 1920							
01	CLR	NC			10.00	51	44	48	77	0	00	28.95	29.83
04	CLR	NC			10.00	49	43	46	80	0	00	28.96	29.83
07	CLR	NC			10.00	50	45	48	83	3	10	29.03	29.91
10	CLR	NC			10.00	70	48	58	46	6	VR	29.03	29.90
13	CLR	NC			10.00	81	47	61	30	7	VR	28.97	29.85
16	CLR	NC			10.00	85	44	62	24	9	19	28.92	29.79
19	CLR	NC			10.00	81	40	59	23	0	00	28.89	29.76
22	CLR	NC			10.00	67	47	56	49	0	00	28.94	29.80

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

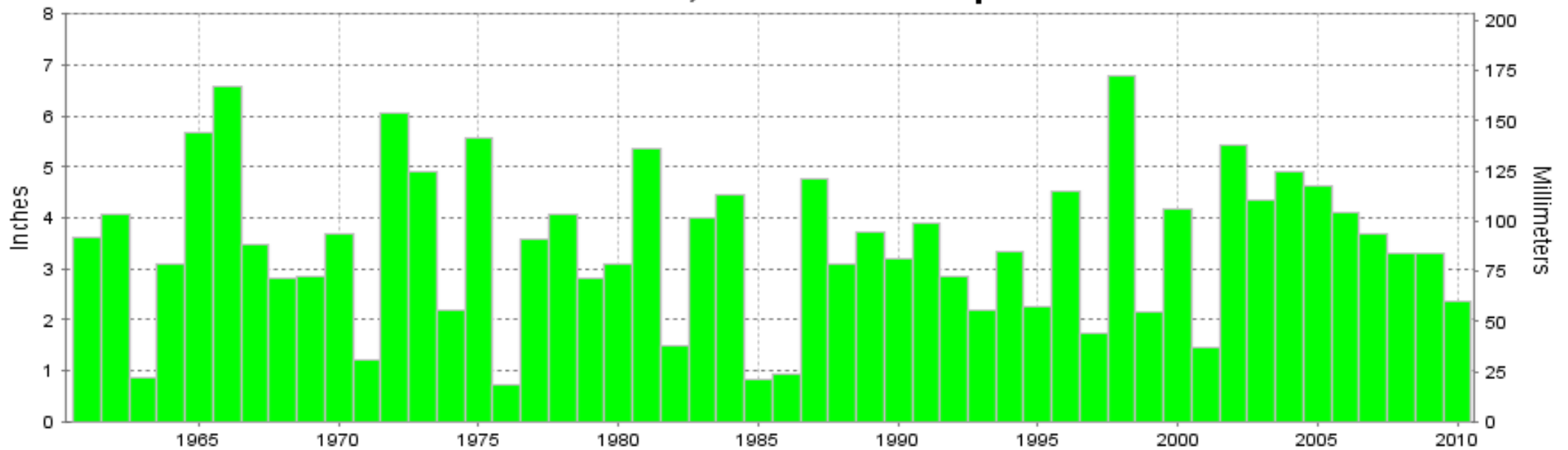
HOUR (LST)	AVERAGES							RESULTANT WIND (MPH)				
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VELOCITY	DIRECTION		
01			54	41	48	65	29.08	29.97	9.43	3	2	22
02			53	41	47	68	29.08	29.96	9.87	3	2	23
03			51	41	46	70	29.07	29.96	9.77	3	2	23
04			51	41	46	72	29.08	29.96	9.77	3	2	22
05			50	41	45	74	29.08	29.97	9.50	3	2	22
06			49	41	45	76	29.10	29.98	9.20	2	2	21
07			50	41	46	74	29.11	30.00	9.20	3	2	21
08			54	43	48	67	29.12	30.01	9.57	4	2	22
09			59	43	51	57	29.12	30.01	9.70	5	3	25
10			63	43	53	50	29.12	30.00	9.86	7	4	25
11			66	42	54	45	29.12	30.00	9.77	8	4	26
12			68	40	54	40	29.11	29.99	9.87	7	5	26
13			69	40	54	38	29.09	29.97	9.40	8	5	26
14			70	39	54	36	29.08	29.96	9.83	7	6	26
15			71	38	54	34	29.06	29.94	9.77	8	5	26
16			71	38	54	34	29.05	29.93	9.50	7	5	26
17			70	39	54	36	29.04	29.93	9.43	7	6	26
18			69	38	53	36	29.05	29.93	9.39	6	4	26
19			66	38	52	41	29.05	29.94	9.48	5	3	25
20			64	38	52	44	29.06	29.94	9.47	5	2	24
21			62	39	51	48	29.07	29.96	9.47	4	1	22
22			59	40	50	53	29.08	29.96	9.43	4	2	23
23			57	40	49	56	29.08	29.96	9.62	4	2	22
24			55	41	48	61	29.08	29.96	9.55	3	2	22

HUNTINGTON, WV APRIL Temperatures



Long-Term (1961-2010) Mean: 55.9
 1971-2000 Normal: 55.2

HUNTINGTON, WV APRIL Precipitation



Long-Term (1961-2010) Mean Monthly Total: 3.48

1971-2000 Normal: 3.33



APRIL 2010
HUNTINGTON, WV

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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