APRIL 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	Temperature °F MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	Deg Days BASE 65° HEATING	COOLING	WEATHER	SNOW/ICE ON GND(IN) 0700 LST DEPTH	1300 LST WATER-EQUIV	PRECIPITIATION ON GND(IN) 2400 LST SNOW-FALL	2400 LST WATER EQUIV	PRESSURE (INCHES OF HG) AVERAGE STATION	AVERAGE SEA LEVEL	WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM 5-SEC SPEED	5-SEC DIR	MAXIMUM 2-MIN SPEED	2-MIN DIR	Date
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	77	61	69	18	55	61	0	4	RA BR	0		0.0	0.29	29.00	29.88	6.0	22	7.7	25	27	16	26	01
02	77	56	67	16	45	56	0	2		0		0.0	0.00	29.11	30.01	4.7	25	6.1	25	25	18	25	02
03	82	47	65	14	47	55	0	0	TS TSRA RA BR	0		0.0	0.36	29.07	29.92	3.7	20	6.6	38	30	28*	31	03
04	59	35	47	-5	37	44	18	0	RA BR	0		0.0	T	28.98	29.91	10.3	27	11.5	32	31	21	30	04
05	40	30	35	-17	19	30	30	0	SN	0		T	T	29.15	30.07	9.8	29	10.3	26	30	17	30	05
06	42	28	35	-17	21	30	30	0	RA SN FG+ FZFG BR	0		1.6	0.04	29.05	29.95	5.4	29	7.1	24	34	20	34	06
07	35	23*	29*	-23	16	25	36	0	SN	0		T	T	29.05	29.99	9.3	26	9.7	28	25	20	26	07
08	39	25	32	-21	17	28	33	0	RA SN	0		T	T	29.19	30.12	6.5	24	7.1	23	30	15	24	08
09	47	32	40	-14	24	33	25	0		0		0.0	0.00	29.19	30.10	1.5	03	2.8	15	30	10	31	09
10	57	27	42	-12	23	36	23	0	BR	0		0.0	0.00	29.13	30.03	3.3	06	4.1	17	12	13	04	10
11	62	46	54	0	40	46	11	0	TS RA BR	0		0.0	0.37	28.80	29.66	5.8	14	7.4	28	25	18	25	11
12	53	40	47	-8	34	41	18	0	RA	0		0.0	0.04	28.87	29.81	9.9	24	11.0	37	26	24	26	12
13	54	39	47	-8	27	38	18	0		0		0.0	0.00	29.28	30.18	3.9	27	5.6	18	26	13	26	13
14	56	41	49	-6	43	45	16	0	RA BR	0		0.0	1.41	29.02	29.85	2.7	10	4.7	18	34	13	32	14
15	50	37	44	-11	34	38	21	0	RA SN BR	0		T	0.13	28.72	29.65	9.3	33	9.6	36	35	26	34	15
16	57	38	48	-8	26	39	17	0		0		0.0	0.00	28.94	29.85	12.1	30	12.6	40*	31	25	31	16
17	68	40	54	-2	25	42	11	0		0		0.0	0.00	29.01	29.89	5.2	31	6.3	24	26	16	36	17
18	69	41	55	-1	37	46	10	0		0		0.0	0.00	28.88	29.76	3.0	04	4.3	18	05	15	05	18
19	54	44	49	-7	42	46	16	0	RA BR	0		0.0	0.13	28.97	29.89	0.9	34	3.7	14	04	10	03	19
20	71	37	54	-3	39	48	11	0	FG+ BR	0		0.0	0.00	29.24	30.15	0.9	35	2.0	17	03	10	06	20
21	76	44	60	3	36	49	5	0		0		0.0	0.00	29.30	30.19	1.3	01	2.1	15	31	12	33	21
22	82	43	63	6	39	52	2	0		0		0.0	0.00	29.26	30.14	3.0	19	3.7	21	18	13	26	22
23	80	60	70	13	47	57	0	5	RA	0		0.0	0.01	29.20	30.07	8.0	22	8.5	29	21	20	25	23
24	81	61	71	13	55	61	0	6	RA	0		0.0	0.01	29.13	30.01	3.7	24	5.4	23	28	15	28	24
25	84	58	71*	13	57	62	0	6	RA BR	0		0.0	0.03	29.02	29.88	4.8	23	6.9	33	22	24	23	25
26	75	58	67	9	58	61	0	2	RA BR HZ	0		0.0	0.53	28.94	29.80	5.0	18	6.3	32	24	23	25	26
27	67	55	61	3	51	55	4	0	RA	0		0.0	0.01	28.95	29.86	8.0	25	8.7	28	29	20	26	27
28	73	51	62	3	47	53	3	0	TSRA RA BR	0		0.0	0.31	29.03	29.93	6.3	25	8.1	35	32	26	33	28
29	76	51	64	5	45	54	1	0	BR	0		0.0	0.00	29.13	30.02	5.2	28	6.7	25	28	18	32	29
30	86*	54	70	11	48	58	0	5		0		0.0	0.00	29.10	29.97	5.6	24	6.3	24	24	16	25	30
	64.3	43.4	53.9	¤	37.8	46.3	12.0	1.0	< MONTHLY AVERAGES | TOTALS >			1.6	3.67	29.05	29.95	3.6	26	6.8	< MONTHLY AVERAGES				
	-2.3	-0.3	-1.3		<---------- DEPARTURE FROM NORMAL ---------->								0.34	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

HUNTINGTON, WV APRIL 2007

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING :	359	51		
COOLING :	30	5	59	26

GREATEST 24-HR PRECIPITATION :	1.51	DATE :	14-15
GREATEST 24-HR SNOWFALL :	1.6	DATE :	06
GREATEST SNOW DEPTH :	0	DATE :	

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM :	30.28	13	0951
MIMIMUM :	29.50	11	1851

NUMBER OF -> DAYS WITH

MAXIMUM TEMP >= 90 :	0	MINIMUM TEMP <= 32 :	6
MAXIMUM TEMP <= 32 :	0	MINIMUM TEMP <= 0 :	0
THUNDERSTORMS :	3	HEAVY FOG :	2

PRECIPITATION >= 0.01 INCH:	14
PRECIPITATION >= 0.10 INCH:	8
SNOWFALL >= 1.0 INCH :	1

HOURLY PRECIPITATION
(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
APRIL 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			0.02	T	0.08	0.05	0.03	0.09	T			T	01			0.02										01	0.29	0.29
02													02													02	0.00	0.00
03													03									T	0.21	0.15	T	03	0.36	0.36
04					T	T	T						04													04	T	T
05												T	05													05	T	T
06													06			T		T	T	0.01	0.02	T	T	0.01		06	0.04	0.04
07												T	07	T	T	T	T									07	T	T
08												T	08	T												08	T	T
09													09													09	0.00	0.00
10													10													10	0.00	0.00
11					T		T	0.01	0.01	T			11	0.01	T	T	T	0.04	0.04	0.09	0.16	0.01	T	T		11	0.37	0.37
12			0.04					T	T	T			12													12	0.04	0.04
13													13													13	0.00	0.00
14		T	T	0.02	0.06	0.07	0.07	0.06	0.10	0.08	0.07	0.03	14	0.01	0.13	0.18	0.04	T		0.05	0.13	T	0.23	T	0.08	14	1.41	1.41
15	0.03	0.02	0.05	0.01						T		T	15	0.02	T	T										15	0.13	0.13
16													16													16	0.00	0.00
17													17													17	0.00	0.00
18													18													18	0.00	0.00
19							0.01		T	0.01	0.01	0.01	19	T	0.03	0.04	0.02	T								19	0.13	0.13
20													20													20	0.00	0.00
21													21													21	0.00	0.00
22													22													22	0.00	0.00
23													23				T	T	0.01	T						23	0.01	0.01
24				0.01	T	T							24												T	24	0.01	0.01
25								0.02	0.01				25													25	0.03	0.03
26													26	T	0.02	0.01							0.34	0.16	T	26	0.53	0.53
27	0.01											T	27													27	0.01	0.01
28													28							0.01	0.24	0.01	0.05			28	0.31	0.31
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)												

Date and time are not entered for TRACE amounts.

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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

*** = Extreme for the month (last occurence 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 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:

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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
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Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
			SR-SS		MN-MN				
	TOTAL MINUTES	PERCENT POSSIBLE	Sky Cover	Satellite	Sky Cover	Satellite	MINIMUM	MAXIMUM	
01							4.00	10.00	
02							9.00	10.00	
03							3.00	10.00	
04							8.00	10.00	
05							10.00	10.00	
06							0.75	10.00	
07							4.00	10.00	
08							7.00	10.00	
09							10.00	10.00	
10							3.00	10.00	
11							2.50	10.00	
12							9.00	10.00	
13							10.00	10.00	
14							1.50	10.00	
15							1.50	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							4.00	10.00	
20							2.50	10.00	
21							8.00	10.00	
22							8.00	10.00	
23							10.00	10.00	
24							9.00	10.00	
25							5.00	10.00	
26							4.00	10.00	
27							10.00	10.00	
28							2.50	10.00	
29							4.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							6.34	10.00	

SUNSHINE (Minutes)

Total : 0 **Possible : 23768**
Percent Possible : 0

NUMBER OF DAYS WITH :

SKY CONDITION

Clear	Partly CLDY	Cloudy	Missing

MINIMUM VISIBILTY (MILES)

<= .25	<= 3.0	>= 7.0
0	8	16

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV

APRIL 2007 **KHTS** **WBAN # 03860**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0616 APR 01 SUNSET: 1853								
01	CLR	NC			8.00		62	55	58	78	5	12	29.04	29.92
04	OVC	050			8.00	-RA	65	56	60	73	5	16	29.01	29.88
07	OVC	065			4.00	-RA BR	61	58	59	90	5	20	29.05	29.92
10	CLR	NC			10.00		68	59	63	73	13	19	29.03	29.90
13	BKN	044			10.00		71	58	63	64	8	29	29.00	29.87
16	CLR	NC			10.00		75	57	64	54	9	23	28.93	29.80
19	SCT	100			10.00		73	49	59	43	9	26	28.95	29.83
22	CLR	NC			10.00		66	49	57	54	3	21	29.02	29.90
						SUNRISE: 0614 APR 02 SUNSET: 1854								
01	CLR	NC			10.00		66	54	59	65	9	21	29.05	29.92
04	SCT	100			10.00		63	55	58	75	5	22	29.08	29.95
07	BKN	100			10.00		61	54	57	78	3	22	29.12	30.00
10	CLR	NC			10.00		68	50	58	53	10	22	29.15	30.03
13	CLR	NC			10.00		74	44	58	34	11	28	29.14	30.02
16	CLR	NC			10.00		77	35	55	22	8	27	29.12	30.00
19	CLR	NC			10.00		72	35	53	26	3	31	29.14	30.02
22	CLR	NC			10.00		64	40	52	42	0	00	29.17	30.06
						SUNRISE: 0613 APR 03 SUNSET: 1855								
01	CLR	NC			10.00		53	43	48	69	3	09	29.17	30.05
04	CLR	NC			10.00		52	41	47	66	0	00	29.14	30.02
07	CLR	NC			10.00		49	43	46	80	3	10	29.15	30.04
10	CLR	NC			10.00		71	44	56	38	9	22	29.13	30.02
13	BKN	100			10.00		77	49	61	37	7	24	29.07	29.94
16	BKN	090			10.00		82	45	61	27	8	17	28.95	29.83
19	CLR	NC			10.00		77	46	60	33	8	19	28.89	29.76
22	OVC	033			3.00	TS+RA BR	59	56	57	90	6	VR	28.98	29.85
						SUNRISE: 0611 APR 04 SUNSET: 1856								
01	CLR	NC			10.00		58	55	56	90	6	20	28.91	29.78
04	OVC	018			8.00		59	54	56	84	9	23	28.89	29.76
07	OVC	035			9.00		58	53	55	84	17	29	28.92	29.79
10	OVC	034			10.00		48	34	42	59	13	26	29.04	29.93
13	BKN	042			10.00		49	31	41	50	13	27	29.07	29.95
16	OVC	046			10.00		48	29	40	48	11	27	29.05	29.94
19	OVC	060			10.00		45	27	38	49	8	29	29.08	29.96
22	OVC	047			10.00		39	22	33	51	10	28	29.13	30.03
						SUNRISE: 0610 APR 05 SUNSET: 1857								
01	OVC	031			10.00		34	22	30	62	14	30	29.15	30.06
04	OVC	035			10.00		31	18	27	59	11	31	29.15	30.06
07	BKN	042			10.00		30	17	26	58	6	27	29.17	30.08
10	OVC	047			10.00		35	18	29	50	13	29	29.19	30.11
13	OVC	044			10.00		38	21	32	50	15	26	29.16	30.08
16	OVC	049			10.00		39	19	32	45	14	26	29.13	30.05
19	OVC	055			10.00		38	18	31	44	8	31	29.15	30.06
22	OVC	050			10.00		36	16	29	44	8	31	29.16	30.08
						SUNRISE: 0608 APR 06 SUNSET: 1858								
01	OVC	050			10.00		35	18	29	50	5	VR	29.14	30.05
04	OVC	048			10.00		35	20	30	54	7	26	29.11	30.02
07	FEW	048			10.00		31	21	28	66	0	00	29.11	30.03
10	SCT	047			10.00		37	19	31	48	7	VR	29.07	29.97
13	BKN	060			10.00		40	17	32	39	7	VR	28.98	29.88
16	OVC	046			10.00		39	21	32	48	8	28	28.94	29.84
19	OVC	016			0.75	-SN BR	30	26	29	85	16	32	28.98	29.89
22	OVC	050			2.00	-SN BR	29	25	28	85	7	27	29.04	29.95

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0607 APR 07 SUNSET: 1859								
01	OVC	085			10.00		28	22	26	78	6	28	29.03	29.94
04	CLR	NC			10.00		25	18	23	75	8	25	29.02	29.92
07	CLR	NC			10.00		23	17	21	78	8	24	29.04	29.95
10	OVC	075			10.00		29	17	25	61	7	28	29.05	29.97
13	OVC	046			4.00	-SN	30	17	26	58	10	27	29.05	29.96
16	OVC	080			10.00		34	16	28	48	16	26	29.07	29.98
19	OVC	080			10.00		31	15	26	51	6	VR	29.12	30.04
22	OVC	070			10.00		30	13	25	49	10	27	29.17	30.09
						SUNRISE: 0605 APR 08 SUNSET: 1860								
01	OVC	060			10.00		28	12	23	51	9	25	29.17	30.09
04	OVC	080			10.00		27	12	23	53	7	24	29.16	30.08
07	OVC	055			10.00		27	14	23	58	7	24	29.20	30.12
10	OVC	055			10.00		31	16	26	54	7	27	29.23	30.15
13	OVC	049			10.00		37	18	30	46	9	24	29.20	30.12
16	OVC	049			10.00		38	19	31	46	10	26	29.19	30.11
19	OVC	060			10.00		38	19	31	46	7	26	29.20	30.12
22	OVC	065			10.00		37	20	31	50	5	28	29.23	30.15
						SUNRISE: 0604 APR 09 SUNSET: 1901								
01	OVC	065			10.00		34	22	30	62	0	00	29.21	30.13
04	OVC	060			10.00		33	26	30	75	0	00	29.20	30.11
07	OVC	060			10.00		33	26	30	75	0	00	29.22	30.13
10	OVC	055			10.00		41	24	34	51	6	VR	29.23	30.14
13	OVC	050			10.00		41	22	34	47	3	VR	29.21	30.12
16	OVC	055			10.00		44	21	35	40	5	33	29.15	30.06
19	OVC	070			10.00		42	22	34	45	5	02	29.15	30.06
22	CLR	NC			10.00		37	24	32	59	6	07	29.18	30.09
						SUNRISE: 0602 APR 10 SUNSET: 1901								
01	CLR	NC			10.00		34	24	30	67	0	00	29.17	30.09
04	CLR	NC			9.00		30	24	28	78	0	00	29.17	30.08
07	CLR	NC			3.00	BR	27	24	26	88	0	00	29.20	30.12
10	CLR	NC			10.00		47	26	38	44	9	09	29.21	30.12
13	CLR	NC			10.00		53	24	41	32	7	07	29.13	30.04
16	CLR	NC			10.00		56	21	42	26	0	00	29.07	29.96
19	CLR	NC			10.00		52	21	40	30	8	05	29.04	29.94
22	BKN	120			10.00		49	21	38	33	8	06	29.04	29.93
						SUNRISE: 0601 APR 11 SUNSET: 1902								
01	OVC	120			10.00		47	22	37	37	7	07	28.98	29.87
04	BKN	120			10.00		46	23	37	40	5	08	28.91	29.79
07	OVC	065			9.00	-RA	49	30	41	48	6	13	28.88	29.77
10	OVC	080			10.00		50	41	46	71	8	12	28.82	29.70
13	OVC	055			10.00		57	46	51	67	3	13	28.75	29.63
16	BKN	055			9.00	-RA	58	49	53	72	14	17	28.66	29.54
19	OVC	075			6.00	-RA BR	54	51	52	90	9	14	28.63	29.50
22	BKN	120			10.00		54	50	52	86	7	19	28.66	29.54
						SUNRISE: 0559 APR 12 SUNSET: 1903								
01	CLR	NC			10.00		51	45	48	80	5	19	28.73	29.61
04	CLR	NC			10.00		48	43	46	83	7	20	28.72	29.60
07	BKN	080			10.00		48	41	45	77	8	20	28.72	29.61
10	OVC	047			10.00		48	35	42	61	14	24	28.80	29.69
13	OVC	043			10.00		47	32	40	56	14	27	28.91	29.80
16	OVC	041			10.00		46	30	39	54	15	27	29.00	29.89
19	OVC	047			10.00		42	28	36	58	13	25	29.10	30.01
22	OVC	047			10.00		41	26	35	55	13	26	29.20	30.10

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
APRIL 2007 **KHTS** **WBAN # 03860**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0558 APR 13 SUNSET: 1904								
01	OVC	043			10.00		40	28	35	62	8	25	29.21	30.12
04	OVC	045			10.00		39	25	34	57	7	25	29.25	30.16
07	OVC	033			10.00		39	26	34	60	7	VR	29.32	30.23
10	OVC	033			10.00		41	28	36	60	5	26	29.37	30.28
13	BKN	041			10.00		47	28	39	48	8	31	29.33	30.24
16	CLR	NC			10.00		53	28	42	38	8	25	29.26	30.16
19	CLR	NC			10.00		52	26	41	37	3	23	29.25	30.15
22	CLR	NC			10.00		49	28	40	44	0	00	29.22	30.13
						SUNRISE: 0556 APR 14 SUNSET: 1905								
01	OVC	080			10.00		45	34	40	65	0	00	29.21	30.11
04	OVC	037			4.00	-RA	42	37	40	83	0	00	29.21	30.11
07	OVC	050			2.00	RA BR	41	38	40	89	7	08	29.17	30.07
10	OVC	011			2.00	-RA BR	42	40	41	93	6	07	29.12	30.02
13	OVC	006			4.00	-RA BR	46	43	45	89	5	12	28.94	29.84
16	OVC	046			2.50	-RA BR	48	47	47	96	7	11	28.79	29.68
19	OVC	024			2.00	-RA BR	51	49	50	93	0	00	28.75	29.65
22	OVC	014			2.00	RA BR	55	53	54	93	3	VR	28.71	29.59
						SUNRISE: 0555 APR 15 SUNSET: 1905								
01	OVC	010			2.50	-RA BR	48	46	47	93	6	34	28.66	29.55
04	OVC	003			2.50	BR	40	38	39	93	13	33	28.66	29.55
07	OVC	001			1.50	BR	37	36	37	96	11	35	28.69	29.58
10	OVC	012			1.75	BR	37	35	36	93	11	35	28.69	29.57
13	OVC	015			1.75	-RA BR	38	36	37	93	11	34	28.71	29.60
16	OVC	025			10.00		41	33	38	73	16	33	28.75	29.65
19	OVC	060			10.00		46	28	39	50	18	33	28.84	29.74
22	BKN	080			10.00		42	27	36	55	7	31	28.93	29.83
						SUNRISE: 0553 APR 16 SUNSET: 1906								
01	OVC	090			10.00		42	30	37	63	6	30	28.89	29.79
04	SCT	070			10.00		39	28	35	65	6	31	28.87	29.77
07	OVC	065			10.00		39	28	35	65	8	30	28.95	29.85
10	SCT	050			10.00		45	24	37	44	20	33	28.99	29.89
13	FEW	065			10.00		52	24	40	34	18	29	28.98	29.88
16	CLR	NC			10.00		57	24	43	28	17	31	28.93	29.83
19	CLR	NC			10.00		54	25	42	33	18	30	28.95	29.84
22	CLR	NC			10.00		51	24	40	35	13	30	29.01	29.90
						SUNRISE: 0552 APR 17 SUNSET: 1907								
01	CLR	NC			10.00		47	23	38	39	8	29	29.04	29.93
04	CLR	NC			10.00		42	22	34	45	6	27	29.03	29.92
07	CLR	NC			10.00		43	23	35	45	5	26	29.08	29.97
10	CLR	NC			10.00		53	26	42	35	6	VR	29.08	29.97
13	CLR	NC			10.00		61	28	46	29	11	34	29.01	29.90
16	CLR	NC			10.00		67	28	49	23	9	33	28.95	29.83
19	CLR	NC			10.00		62	24	45	23	9	32	28.94	29.83
22	CLR	NC			10.00		57	23	43	27	0	00	28.95	29.83
						SUNRISE: 0551 APR 18 SUNSET: 1908								
01	CLR	NC			10.00		44	31	39	60	0	00	28.93	29.82
04	FEW	070			10.00		47	33	41	58	0	00	28.90	29.78
07	SCT	070			10.00		42	36	39	79	0	00	28.91	29.79
10	CLR	NC			10.00		54	38	46	55	0	00	28.92	29.81
13	CLR	NC			10.00		63	39	51	41	6	VR	28.87	29.75
16	CLR	NC			10.00		67	38	52	35	3	VR	28.82	29.70
19	CLR	NC			10.00		62	38	50	41	7	06	28.84	29.72
22	OVC	065			10.00		58	38	48	48	9	05	28.88	29.76

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0549 APR 19 SUNSET: 1909								
01	FEW	110			10.00		51	37	44	59	5	03	28.90	29.78
04	FEW	100			10.00		48	36	43	63	8	05	28.90	29.78
07	OVC	085			7.00		45	38	42	77	3	VR	28.93	29.81
10	BKN	070			8.00		48	41	45	77	5	35	28.96	29.85
13	OVC	036			7.00	-RA	49	41	45	74	3	28	29.00	29.89
16	OVC	060			7.00	-RA	49	45	47	86	7	24	29.02	29.91
19	OVC	060			9.00		51	46	48	83	3	21	29.08	29.98
22	OVC	060			6.00	BR	49	46	48	89	0	00	29.13	30.03
						SUNRISE: 0548 APR 20 SUNSET: 1910								
01	CLR	NC			2.50	BR	47	45	46	93	0	00	29.17	30.07
04	CLR	NC			6.00	BR	44	42	43	93	3	36	29.21	30.11
07	CLR	NC			10.00		43	41	42	93	0	00	29.28	30.18
10	CLR	NC			10.00		57	43	50	60	0	00	29.31	30.21
13	BKN	055			7.00		67	43	54	42	6	VR	29.29	30.18
16	FEW	075			10.00		70	38	54	31	7	VR	29.24	30.13
19	CLR	NC			10.00		67	33	51	28	3	02	29.24	30.13
22	CLR	NC			10.00		61	37	49	41	0	00	29.27	30.16
						SUNRISE: 0547 APR 21 SUNSET: 1911								
01	CLR	NC			10.00		52	40	46	64	3	09	29.28	30.17
04	CLR	NC			9.00		46	41	44	83	5	36	29.30	30.19
07	CLR	NC			8.00		46	42	44	86	0	00	29.35	30.24
10	CLR	NC			10.00		65	40	52	40	0	00	29.39	30.27
13	CLR	NC			10.00		71	33	52	25	3	VR	29.33	30.22
16	CLR	NC			10.00		76	35	55	23	7	34	29.27	30.16
19	CLR	NC			10.00		73	29	52	20	0	00	29.25	30.14
22	CLR	NC			10.00		61	36	49	39	0	00	29.26	30.15
						SUNRISE: 0545 APR 22 SUNSET: 1912								
01	CLR	NC			8.00		54	37	46	53	0	00	29.26	30.15
04	CLR	NC			10.00		47	40	44	77	0	00	29.26	30.15
07	CLR	NC			8.00		46	40	43	80	0	00	29.32	30.20
10	CLR	NC			10.00		68	42	54	39	5	21	29.35	30.23
13	CLR	NC			10.00		78	39	57	25	3	VR	29.30	30.18
16	CLR	NC			10.00		81	40	59	23	9	18	29.21	30.10
19	CLR	NC			10.00		77	38	57	25	5	18	29.19	30.08
22	CLR	NC			10.00		65	41	53	42	3	24	29.20	30.09
						SUNRISE: 0544 APR 23 SUNSET: 1913								
01	CLR	NC			10.00		60	42	51	52	5	20	29.21	30.09
04	CLR	NC			10.00		62	37	50	40	6	20	29.24	30.11
07	CLR	NC			10.00		62	39	51	43	5	21	29.26	30.14
10	FEW	065			10.00		73	42	56	33	13	22	29.24	30.12
13	FEW	070			10.00		80	51	63	37	14	22	29.17	30.05
16	OVC	075			10.00		75	54	63	48	7	27	29.14	30.02
19	BKN	110			10.00		70	55	61	59	6	23	29.15	30.03
22	SCT	120			10.00		71	53	61	53	11	23	29.15	30.03
						SUNRISE: 0543 APR 24 SUNSET: 1914								
01	OVC	110			10.00		69	52	59	55	8	22	29.14	30.01
04	OVC	090			10.00		63	58	60	84	5	19	29.13	30.01
07	OVC	028			9.00		62	58	60	87	0	00	29.18	30.07
10	OVC	027			10.00		66	60	62	81	7	18	29.18	30.06
13	OVC	060			10.00		76	58	65	54	6	VR	29.14	30.01
16	FEW	070			10.00		80	52	63	38	8	26	29.08	29.96
19	CLR	NC			10.00		76	51	61	42	5	26	29.08	29.96
22	SCT	065			10.00		69	52	59	55	0	00	29.12	30.00

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
APRIL 2007 KHTS WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL
						SUNRISE: 0541 APR 25 SUNSET: 1915								
01	FEW	043			10.00		64	56	59	75	0	00	29.11	29.99
04	CLR	NC			7.00		60	57	58	90	0	00	29.05	29.92
07	BKN	085			7.00		63	59	61	87	5	20	29.05	29.92
10	FEW	095			9.00		69	61	64	76	9	20	29.01	29.88
13	CLR	NC			10.00		81	51	63	35	15	21	28.96	29.83
16	FEW	080			10.00		82	52	64	35	13	25	28.94	29.81
19	CLR	NC			10.00		75	58	65	56	6	32	28.99	29.86
22	FEW	100			10.00		68	58	62	71	0	00	29.02	29.89
						SUNRISE: 0540 APR 26 SUNSET: 1916								
01	SCT	075			10.00		66	59	62	78	0	00	29.01	29.88
04	CLR	NC			8.00		62	59	60	90	0	00	28.97	29.84
07	OVC	070			4.00	BR	60	59	59	97	0	00	28.99	29.86
10	BKN	047			10.00		73	56	63	55	7	18	28.98	29.85
13	BKN	085			8.00	-RA	68	57	61	68	10	17	28.97	29.84
16	OVC	085			10.00		68	61	64	78	8	14	28.89	29.76
19	SCT	038			10.00		69	58	62	68	9	18	28.83	29.71
22	OVC	060			10.00		61	57	59	87	0	00	28.86	29.73
						SUNRISE: 0539 APR 27 SUNSET: 1917								
01	OVC	055			10.00		60	58	59	93	5	19	28.88	29.76
04	OVC	090			10.00		60	56	58	87	6	25	28.88	29.76
07	FEW	055			10.00		59	54	56	84	5	22	28.94	29.81
10	OVC	060			10.00		63	54	58	73	7	25	28.97	29.84
13	BKN	070			10.00		64	51	57	63	10	26	28.98	29.85
16	BKN	041			10.00		65	49	56	56	16	26	28.98	29.85
19	OVC	065			10.00		59	46	52	62	10	28	29.04	29.92
22	OVC	060			10.00		55	45	50	69	7	27	29.09	29.98
						SUNRISE: 0538 APR 28 SUNSET: 1918								
01	FEW	080			10.00		54	46	50	75	6	25	29.09	29.98
04	OVC	060			10.00		53	46	49	77	8	20	29.05	29.94
07	FEW	100			10.00		53	46	49	77	7	22	29.05	29.93
10	CLR	NC			10.00		65	48	56	54	11	25	29.05	29.93
13	BKN	100			10.00		70	43	56	38	16	28	29.02	29.90
16	SCT	075			10.00		73	41	56	32	16	27	29.00	29.88
19	OVC	100			10.00	-TSRA	65	50	57	59	6	27	29.03	29.91
22	OVC	080			2.50	RA BR	56	54	55	93	6	15	29.07	29.95
						SUNRISE: 0536 APR 29 SUNSET: 1919								
01	BKN	080			4.00	BR	54	54	54	100	3	19	29.08	29.97
04	CLR	NC			10.00		55	49	52	80	6	25	29.08	29.97
07	CLR	NC			10.00		55	49	52	80	6	VR	29.14	30.03
10	CLR	NC			10.00		67	50	58	55	5	VR	29.18	30.07
13	CLR	NC			10.00		73	42	56	33	11	30	29.16	30.05
16	CLR	NC			10.00		76	40	57	27	14	30	29.13	30.01
19	CLR	NC			10.00		72	41	56	33	6	31	29.14	30.02
22	CLR	NC			10.00		62	45	53	54	3	20	29.15	30.03
						SUNRISE: 0535 APR 30 SUNSET: 1920								
01	CLR	NC			10.00		57	45	51	64	3	21	29.12	30.01
04	CLR	NC			10.00		55	45	50	69	5	22	29.11	29.99
07	CLR	NC			10.00		60	44	52	56	6	20	29.14	30.03
10	CLR	NC			10.00		74	50	60	43	6	21	29.13	30.01
13	CLR	NC			10.00		83	51	64	33	11	25	29.09	29.97
16	CLR	NC			10.00		85	49	64	29	15	25	29.04	29.91
19	CLR	NC			10.00		82	50	63	33	7	24	29.05	29.92
22	CLR	NC			10.00		75	51	61	43	0	00	29.08	29.95

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE Observation Time (LST)	SATELLITE Eff Cld Amt Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F DRY BULB	TEMPERATURE °F DEW POINT	TEMPERATURE °F WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG) STATION	PRESSURE (INCHES, HG) SEA LEVEL

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

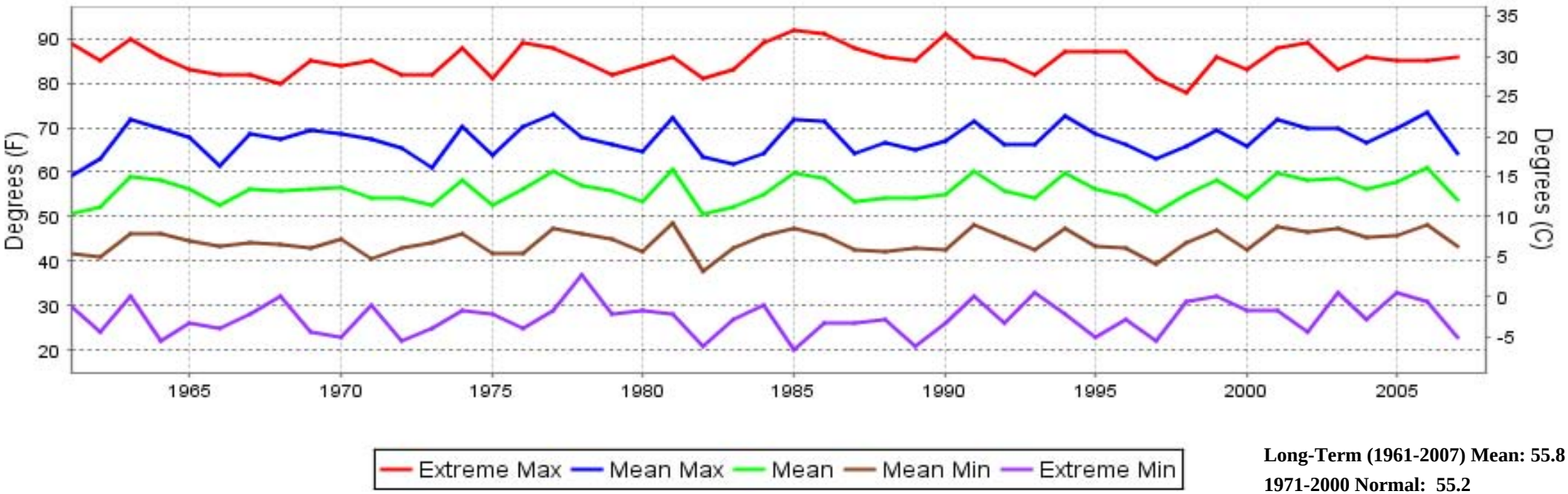
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

SUMMARY BY HOUR

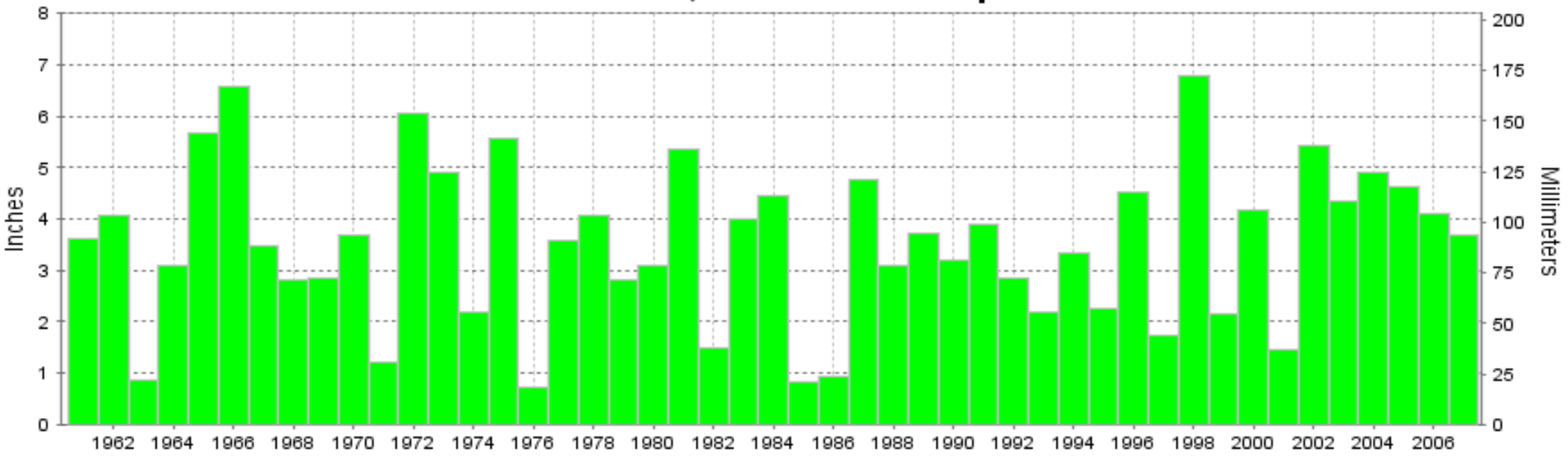
HOUR (LST)	AVERAGES CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG) STATION	PRESSURE (Inches, HG) SEA LEVEL	VISIBILITY (Miles)	WIND SPEED (MPH)	RESULTANT WIND (MPH) SPEED	RESULTANT WIND (MPH) DIRECTION
01			49	39	45	68	29.06	29.96	9.17	5	2	27
02			49	38	44	69	29.06	29.95	9.57	5	3	27
03			48	38	43	71	29.06	29.94	9.53	5	2	27
04			47	38	43	72	29.06	29.94	9.05	5	3	27
05			46	38	43	73	29.06	29.95	8.87	4	3	27
06			46	38	42	75	29.07	29.96	8.47	5	2	27
07			46	38	43	75	29.08	29.98	8.38	5	3	27
08			49	39	44	69	29.09	29.99	8.58	6	3	27
09			52	39	46	64	29.09	29.99	9.19	6	4	27
10			54	39	47	58	29.10	29.99	9.36	8	4	27
11			57	38	48	52	29.09	29.98	9.28	9	6	27
12			58	38	48	49	29.08	29.97	9.27	9	7	27
13			59	38	49	48	29.06	29.95	9.06	9	7	27
14			61	37	49	45	29.05	29.94	9.18	8	7	27
15			61	37	49	45	29.03	29.92	9.32	10	7	27
16			62	37	50	44	29.02	29.91	9.62	10	7	27
17			62	37	49	45	29.02	29.91	9.67	10	6	27
18			60	37	49	46	29.03	29.92	9.43	9	5	27
19			59	37	48	48	29.04	29.93	9.26	7	4	27
20			57	37	47	50	29.05	29.94	9.13	6	3	27
21			55	37	47	54	29.06	29.95	9.58	7	4	27
22			54	38	46	58	29.07	29.96	8.85	5	4	27
23			52	38	46	61	29.07	29.96	9.23	5	2	27
24			51	38	45	63	29.07	29.96	9.35	4	3	27

HUNTINGTON, WV APRIL Temperatures



Long-Term (1961-2007) Mean: 55.8
1971-2000 Normal: 55.2

HUNTINGTON, WV APRIL Precipitation



Long-Term (1961-2007) Mean Monthly Total: 3.52 **1971-2000 Normal: 3.33**

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