



JULY 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 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	74	60	67	-7	60	62	0	2	RA BR	0		0.0	0.12	28.83	29.72	3.9	25	6.2	22	26	15	26	01	
02	71	62	67	-7	58	61	0	2	RA	0		0.0	T	29.02	29.91	4.4	25	5.3	21	05	13	31	02	
03	74	59	67	-7	59	62	0	2		0		0.0	0.00	29.16	30.06	2.3	29	4.2	18	29	13	30	03	
04	79	59	69	-5	63	64	0	4	RA BR	0		0.0	0.34	29.15	30.03	1.2	22	2.2	17	28	14	27	04	
05	72	62	67	-8	64	65	0	2	RA BR HZ	0		0.0	1.61	28.98	29.86	3.4	07	3.9		9		04	05	
06	81	59	70	-5	60	64	0	5	FG+ FG BR	0		0.0	0.00	28.97	29.84	0.7	30	1.2	13	29	8	30	06	
07	82	57	70	-5	60	64	0	5	BR	0		0.0	0.00	28.96	29.84	2.6	26	3.2	26	09	12	26	07	
08	81	58	70	-5	58	63	0	5	FG+ FG BR	0		0.0	0.00	29.05	29.93	1.2	03	1.6	12	03	8	04	08	
09	80	63	72	-3	59	64	0	7		0		0.0	0.00	29.16	30.05	2.7	04	3.3	13	36	9	02	09	
10	84	61	73	-2	65	67	0	8	RA BR	0		0.0	0.02	29.27	30.16	2.5	20	3.4	29	27	20	28	10	
11	85	65	75	0	68	69	0	10	TS TSRA RA BR HZ	0		0.0	2.26	29.24	30.11	5.1	21	6.1	32*	35	21	35	11	
12	83	68	76	1	67	69	0	11	RA FG+ BR	0		0.0	0.08	29.16	30.03	2.1	28	3.4	16	25	12	25	12	
13	80	63	72	-3	58	63	0	7		0		0.0	0.00	29.11	30.00	3.0	34	3.6	14	36	10	34	13	
14	83	58	71	-4	59	63	0	6	BR	0		0.0	0.00	29.21	30.10	0.6	06	1.2	14	36	8	07	14	
15	82	59	71	-4	65	68	0	6	BR	0		0.0	0.00	29.17	30.03	4.2	21	4.8	17	24	12	18	15	
16	85	69	77*	2	69	71	0	12	BR HZ	0		0.0	0.00	29.05	29.92	4.4	24	4.8	20	27	14	24	16	
17	81	65	73	-2	64	67	0	8	TS TSRA RA FG BR	0		0.0	0.13	28.94	29.81	5.2	26	6.3	29	33	20	31	17	
18	71	57	64	-12	54	58	1	0		0		0.0	0.00	29.09	29.99	4.9	24	5.8	20	23	14	25	18	
19	76	52*	64*	-12	56	59	1	0	BR	0		0.0	0.00	29.23	30.12	0.9	21	2.4	12	34	9	34	19	
20	78	55	67	-9	59	62	0	2	FG+ FG BR	0		0.0	0.00	29.20	30.09	1.6	07	2.4	13	11	9	07	20	
21	82	57	70	-6	61	64	0	5	FG+ FG BR	0		0.0	0.00	29.16	30.04	1.1	12	1.7	12	12	8	13	21	
22	81	64	73	-3	64	66	0	8	RA BR HZ	0		0.0	0.18	29.10	29.97	1.2	14	2.9	18	27	14	27	22	
23	77	65	71	-5	64	66	0	6	RA BR	0		0.0	0.22	29.03	29.92	5.3	23	5.7	18	24	11	24	23	
24	82	59	71	-5	62	65	0	6	FG+ FG BR	0		0.0	0.00	29.06	29.94	2.4	23	3.1	14	21	10	23	24	
25	85*	63	74	-2	66	68	0	9	TS TSRA RA BR	0		0.0	0.04	29.00	29.86	6.3	20	6.8	29	25	21*	22	25	
26	81	67	74	-2	65	68	0	9	RA BR	0		0.0	0.41	29.00	29.89	5.5	21	6.3	24	21	16	21	26	
27	83	65	74	-2	64	68	0	9	FG+ FG BR	0		0.0	0.00	29.08	29.96	2.8	24	3.3	15	36	10	24	27	
28	84	63	74	-2	67	69	0	9	BR	0		0.0	T	29.04	29.90	1.4	20	2.0	15	19	12	20	28	
29	77	68	73	-3	69	70	0	8	TSRA RA BR	0		0.0	0.43	28.94	29.82	3.5	20	5.2	17	19	13	02	29	
30	83	67	75	-1	69	70	0	10	TS TSRA RA FG BR	0		0.0	0.64	29.03	29.90	3.3	20	4.0	29	30	18	30	30	
31	80	66	73	-3	67	69	0	8	RA FG BR	0		0.0	1.99	29.03	29.93	2.2	27	3.4	22	21	14	35	31	

79.9	61.8	70.9	☼	62.7	65.4	0.1	6.2	< MONTHLY AVERAGES TOTALS >				0.0	8.47	29.08	29.96	1.9	23	3.9	< MONTHLY AVERAGES			
-5.2	-3.6	-4.4		-----DEPARTURE FROM NORMAL ----->								4.01	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 2.63 DATE : 30-31				SEA LEVEL PRESSURE											
MONTHLY				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.20 DATE 10 TIME 1440											
TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.63 DATE 01 TIME 0355											
SEASON TO DATE				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH: 14			
HEATING : 2 0 2 0				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH: 11							
COOLING : 191 -146 551 -117				THUNDERSTORMS : 5				HEAVY FOG : 7				SNOWFALL >= 1.0 INCH : 0							

JULY 2009
HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
JULY 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					0.09	T						T	01	T	0.03	T									01	0.12	0.12		
02			T									T	02												02	T	T		
03													03												03	0.00	0.00		
04													04			0.18	T	0.02	0.05	0.06	0.01	0.02		T	04	0.34	0.34		
05	0.02	0.35	0.27	0.30	0.18	0.15	0.12	0.19	0.03		T	T	05	T	T	T									05	1.61	1.61		
06													06												06	0.00	0.00		
07													07												07	0.00	0.00		
08													08												08	0.00	0.00		
09													09												09	0.00	0.00		
10													10			0.01	0.01								10	0.02	0.02		
11													11					0.06	2.20		T				11	2.26	2.26		
12						T	0.08						12												12	0.08	0.08		
13													13												13	0.00	0.00		
14													14												14	0.00	0.00		
15													15												15	0.00	0.00		
16													16												16	0.00	0.00		
17													17					T	T						17	0.13	0.13		
18													18												18	0.00	0.00		
19													19												19	0.00	0.00		
20													20												20	0.00	0.00		
21													21												21	0.00	0.00		
22													22				T	T	0.01	0.02	0.02	0.03		T	0.04	0.06	22	0.18	0.18
23	0.16	0.06					T	T	T				23		T										23	0.22	0.22		
24													24												24	0.00	0.00		
25													25		T				0.04	T					25	0.04	0.04		
26	0.01	0.28	0.01										26												26				
27													27												27	0.00	0.00		
28													28												28	T	T		
29	T	T	0.08	0.05	0.01	0.06	0.09	0.01	T	0.06	T	0.01	29	0.03	0.02	0.01									29	0.43	0.43		
30													30		0.04										30	0.64	0.64		
31	0.05	0.01	0.01	0.09	0.30	0.21	1.02	0.30	T				31		T	T									31	1.99	1.99		

* 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)	0.44	0.74	0.94	1.20	1.43	2.11	2.21	2.26	2.26	2.26	2.26	2.26
Ending Date	11	11	11	11	11	11	11	11	11	11	11	11
Ending Time (Hr/Min)	1710	1715	1720	1725	1733	1748	1756	1759	1759	1759	1759	1759

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 JULY 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							6.00	10.00	
02							9.00	10.00	
03							7.00	10.00	
04							2.50	10.00	
05							1.25	10.00	
06							0.00	10.00	
07							3.00	10.00	
08							0.00	10.00	
09							10.00	10.00	
10							3.00	10.00	
11							0.00	10.00	
12							1.00	10.00	
13							7.00	10.00	
14							6.00	10.00	
15							6.00	10.00	
16							6.00	10.00	
17							1.25	10.00	
18							10.00	10.00	
19							6.00	10.00	
20							0.00	10.00	
21							0.00	10.00	
22							0.75	10.00	
23							0.75	10.00	
24							0.25	10.00	
25							2.50	10.00	
26							1.50	10.00	
27							0.50	10.00	
28							3.00	10.00	
29							2.00	10.00	
30							3.00	10.00	
31							0.50	10.00	
MONTHLY AVGS							3.22	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 27032				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
6			21				5		

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV JULY 2009 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)									
			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	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						
																														Observation Time (LST)	Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)
SUNRISE: 0517						JUL 13						SUNSET: 1955						SUNRISE: 0521						JUL 19						SUNSET: 1952					
01	CLR	NC			10.00		70	64	66	81	5	34	29.11	29.98	01	CLR	NC			10.00		57	55	56	93	0	00	29.21	30.10						
04	CLR	NC			10.00		65	61	63	87	0	00	29.11	29.98	04	FEW	033			10.00		54	53	53	96	3	20	29.22	30.11						
07	CLR	NC			10.00		67	60	63	78	0	00	29.13	30.01	07	CLR	NC			7.00		56	55	55	96	3	21	29.25	30.14						
10	CLR	NC			10.00		73	58	64	59	6	34	29.13	30.01	10	CLR	NC			10.00		67	58	62	73	5	VR	29.27	30.16						
13	CLR	NC			10.00		78	56	65	47	9	34	29.12	29.99	13	OVC	080			10.00		71	55	62	57	6	16	29.25	30.13						
16	CLR	NC			10.00		80	55	65	42	9	33	29.10	29.98	16	BKN	100			10.00		75	56	64	52	3	22	29.22	30.11						
19	CLR	NC			10.00		77	56	64	48	5	01	29.10	29.98	19	CLR	NC			10.00		68	58	62	71	8	35	29.22	30.11						
22	CLR	NC			10.00		68	56	61	66	0	00	29.15	30.03	22	CLR	NC			9.00		62	58	60	87	0	00	29.23	30.12						
SUNRISE: 0518						JUL 14						SUNRISE: 0522						JUL 20						SUNSET: 1951											
01	FEW	075			10.00		62	59	60	90	0	00	29.18	30.06	01	FEW	100			6.00	BR	59	57	58	93	0	00	29.23	30.12						
04	CLR	NC			6.00	BR	58	57	57	97	0	00	29.18	30.06	04	SCT	047			5.00	BR	57	56	56	96	0	00	29.22	30.10						
07	CLR	NC			10.00		61	59	60	93	0	00	29.24	30.12	07	VV	001			0.00	FG	59	59	59	100	0	00	29.23	30.11						
10	CLR	NC			10.00		75	59	65	58	0	00	29.26	30.14	10	CLR	NC			10.00		70	59	63	68	5	VR	29.24	30.12						
13	CLR	NC			10.00		80	56	65	44	0	00	29.23	30.11	13	BKN	050			10.00		75	59	65	58	6	01	29.20	30.09						
16	SCT	060			10.00		81	59	67	47	0	00	29.21	30.09	16	CLR	NC			10.00		77	59	66	54	3	VR	29.17	30.05						
19	BKN	060			10.00		77	60	66	56	0	00	29.21	30.09	19	CLR	NC			10.00		74	60	65	62	3	01	29.16	30.04						
22	CLR	NC			10.00		67	63	65	87	3	09	29.22	30.10	22	BKN	100			10.00		68	61	64	78	6	08	29.20	30.08						
SUNRISE: 0519						JUL 15						SUNRISE: 0523						JUL 21						SUNSET: 1950											
01	CLR	NC			9.00		63	61	62	93	0	00	29.22	30.10	01	CLR	NC			5.00	BR	62	60	61	93	0	00	29.18	30.06						
04	CLR	NC			9.00		61	59	60	93	0	00	29.19	30.07	04	FEW	001			3.00	BR	59	58	58	97	0	00	29.18	30.06						
07	CLR	NC			9.00		62	60	61	93	0	00	29.21	30.09	07	VV	001			0.00	FG	59	59	59	100	0	00	29.20	30.09						
10	CLR	NC			10.00		74	63	67	69	0	00	29.21	30.09	10	FEW	030			10.00		72	62	66	71	0	00	29.20	30.08						
13	CLR	NC			10.00		82	68	73	63	8	24	29.17	30.04	13	BKN	040			10.00		78	61	67	56	8	11	29.15	30.03						
16	FEW	070			10.00		80	69	73	69	7	22	29.11	29.99	16	FEW	060			10.00		81	58	67	46	5	14	29.11	29.99						
19	SCT	060			10.00		79	70	73	74	10	24	29.10	29.98	19	CLR	NC			10.00		78	61	67	56	0	00	29.11	29.99						
22	CLR	NC			10.00		75	68	70	79	7	20	29.10	29.97	22	CLR	NC			10.00		68	64	65	87	0	00	29.13	30.01						
SUNRISE: 0519						JUL 16						SUNRISE: 0524						JUL 22						SUNSET: 1950											
01	FEW	090			10.00		72	67	69	84	7	22	29.08	29.94	01	FEW	080			8.00		66	63	64	90	0	00	29.12	30.00						
04	BKN	090			10.00		72	68	69	87	3	22	29.07	29.93	04	CLR	NC			8.00		64	62	63	93	0	00	29.11	29.99						
07	OVC	010			7.00		72	69	70	90	3	21	29.08	29.96	07	CLR	NC			7.00		67	63	65	87	0	00	29.12	30.00						
10	BKN	027			6.00	HZ	79	71	74	77	9	24	29.09	29.96	10	CLR	NC			9.00		74	64	68	71	5	VR	29.13	30.01						
13	FEW	036			10.00		83	69	73	63	10	23	29.05	29.92	13	CLR	NC			10.00		79	65	70	62	5	17	29.12	30.00						
16	BKN	044			10.00		83	68	73	61	9	26	29.04	29.91	16	BKN	110			10.00	-RA	79	65	70	62	0	00	29.07	29.94						
19	CLR	NC			9.00		81	69	73	67	6	23	29.01	29.88	19	OVC	085			5.00	-RA HZ	67	65	66	93	6	09	29.05	29.93						
22	FEW	045			7.00		75	70	72	85	3	21	29.04	29.90	22	OVC	065			2.50	RA HZ	66	65	65	97	3	11	29.05	29.92						
SUNRISE: 0520						JUL 17						SUNRISE: 0525						JUL 23						SUNSET: 1949											
01	CLR	NC			5.00	BR	72	69	70	90	3	20	29.00	29.86	01	OVC	044			0.75	+RA BR	68	66	67	93	3	24	29.02	29.88						
04	CLR	NC			4.00	BR	70	68	69	93	0	00	28.96	29.82	04	OVC	039			7.00		67	65	66	93	6	21	29.00	29.87						
07	BKN	055			2.50	BR	69	68	68	97	5	22	28.94	29.81	07	OVC	019			4.00	-RA BR	67	64	65	90	6	23	29.04	29.91						
10	BKN	007			8.00		72	67	69	84	3	18	28.91	29.78	10	OVC	036			10.00		68	63	65	84	6	26	29.05	29.93						
13	BKN	095			10.00		77	65	69	67	13	23	28.91	29.77	13	OVC	055			10.00		71	63	66	76	8	24	29.08	29.96						
16	FEW	035			10.00		80	66	71	62	13	27	28.87	29.73	16	BKN	075			10.00		74	63	67	69	7	26	29.07	29.93						
19	BKN	070			10.00		74	64	68	71	8	29	28.93	29.80	19	CLR	NC			10.00		74	63	67	69			29.04	29.91						
22	FEW	055			10.00		68	55	60	63	5	28	29.02	29.89	22	CLR	NC			10.00		68	65	66	90	3	20	29.05	29.93						
SUNRISE: 0521						JUL 18						SUNRISE: 0525						JUL 24						SUNSET: 1948											
01	FEW	050			10.00		63	53	57	70	6	25	29.04	29.91	01	CLR	NC			2.50	BR	62	62	62	100	0	00	29.07	29.94						
04	CLR	NC			10.00		60	53	56	78	6	25	29.04	29.91	04	VV	001			1.00	BR	60	59	59	97	0	00	29.05	29.92						
07	CLR	NC			10.00		59	54	56	84	6	20	29.08	29.95	07	VV	001			0.25	FG	62	61	61	97	5	22	29.08	29.96						
10	SCT	075			10.00		68	55	60	63	6	VR	29.10	29.98	10	CLR	NC			9.00		74	66	69	76	5	VR	29.10	29.98						
13	OVC	070			10.00		71	52	60	51	7	29	29.10	29.99	13	SCT	044			10.00		79	61	68	54	7	VR	29.08	29.96						
16	OVC	085			10.00		69	54	60	59	8	25	29.12	30.01	16	SCT	065			10.00		81	60	68	49	8	24	29.05	29.93						
19	OVC	090			10.00		66	52	58	61	5	24	29.16	30.05	19	CLR	NC			10.00		78	63	68	60	0	00	29.05	29.92						
22	CLR	NC			10.00		60	55	57	84	0	00	29.20	30.09	22	CLR	NC			7.00		68	65	66	90	0	00	29.05	29.92						

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
JULY 2009 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL			
															WEATHER	WEATHER	
SUNRISE: 0526						JUL 25						SUNSET: 1947					
01	CLR	NC			2.50	BR	64	63	63	97	3	14	29.05	29.91			
04	BKN	075			6.00	BR	65	63	64	93	6	17	29.02	29.89			
07	BKN	075			6.00	BR	67	63	65	87	10	19	29.03	29.90			
10	FEW	110			10.00		75	66	69	74	14	18	28.98	29.84			
13	BKN	055			10.00		81	67	72	63	9	22	28.99	29.85			
16	FEW	045			10.00		81	69	73	67	7	22	28.95	29.81			
19	BKN	055			10.00		73	67	69	82	7	25	28.97	29.84			
22	OVC	085			10.00		71	67	68	87	8	19	29.03	29.90			
SUNRISE: 0527						JUL 26						SUNSET: 1947					
01	BKN	080			10.00	-RA	71	66	68	84	6	17	28.99	29.85			
04	OVC	055			10.00		67	66	66	97	9	20	29.01	29.88			
07	OVC	007			10.00		68	66	67	93	7	20	29.02	29.89			
10	SCT	012			10.00		75	67	70	76	8	21	29.05	29.92			
13	SCT	042			10.00		78	64	69	62	6	25	29.03	29.90			
16	CLR	NC			10.00		81	61	68	51	10	23	29.00	29.87			
19	CLR	NC			10.00		78	64	69	62	5	21	29.01	29.88			
22	FEW	050			10.00		71	67	68	87	5	19	29.04	29.91			
SUNRISE: 0528						JUL 27						SUNSET: 1946					
01	BKN	095			7.00		68	67	67	97	0	00	29.05	29.93			
04	CLR	NC			4.00	BR	67	66	66	97	0	00	29.08	29.94			
07	VV	001			0.50	FG	66	66	66	100	5	20	29.11	29.98			
10	SCT	035			10.00		76	67	70	74	5	28	29.12	30.00			
13	FEW	044			10.00		80	61	68	52	6	24	29.11	29.99			
16	SCT	055			10.00		82	61	69	49	5	VR	29.08	29.95			
19	CLR	NC			10.00		80	63	69	56	0	00	29.07	29.93			
22	CLR	NC			10.00		70	66	67	87	0	00	29.09	29.97			
SUNRISE: 0529						JUL 28						SUNSET: 1945					
01	CLR	NC			10.00		65	64	64	97	0	00	29.08	29.96			
04	CLR	NC			3.00	BR	63	62	62	97	0	00	29.07	29.93			
07	CLR	NC			3.00	BR	66	64	65	93	0	00	29.07	29.94			
10	FEW	065			10.00		77	68	71	74	5	18	29.07	29.94			
13	BKN	060			10.00		82	67	72	61	7	19	29.05	29.92			
16	CLR	NC			10.00		82	69	73	65	6	21	29.01	29.88			
19	OVC	150			10.00		79	71	74	77	0	00	28.99	29.85			
22	FEW	050			7.00		73	71	72	93	0	00	28.99	29.85			
SUNRISE: 0530						JUL 29						SUNSET: 1944					
01	BKN	070			10.00	-RA	74	69	71	84	10	18	28.96	29.83			
04	BKN	047			10.00		69	67	68	93	3	16	28.94	29.80			
07	OVC	040			2.00	BR	68	67	67	97	7	19	28.93	29.80			
10	OVC	035			2.00	-RA BR	70	69	69	97	7	19	28.92	29.78			
13	OVC	016			10.00	-RA	73	70	71	90	6	20	28.91	29.78			
16	OVC	034			6.00	BR	72	69	70	90	5	32	28.93	29.80			
19	FEW	024			10.00		74	69	71	84	0	00	28.97	29.84			
22	CLR	NC			8.00		70	68	69	93	0	00	29.03	29.90			
SUNRISE: 0530						JUL 30						SUNSET: 1943					
01	FEW	075			5.00	BR	69	68	68	97	0	00	29.02	29.89			
04	CLR	NC			3.00	BR	68	67	67	97	0	00	29.03	29.90			
07	OVC	090			4.00	BR	69	68	68	97	3	18	29.05	29.91			
10	BKN	010			4.00	-RA BR	73	69	70	87	5	22	29.07	29.94			
13	OVC	038			10.00		77	71	73	82	6	19	29.05	29.92			
16	SCT	070			10.00		83	70	74	65	9	24	28.99	29.85			
19	BKN	110			10.00		72	71	71	97	3	13	29.02	29.89			
22	BKN	055			6.00	-RA BR	70	69	69	97	0	00	29.03	29.90			

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL			
															WEATHER	WEATHER	
SUNRISE: 0531						JUL 31						SUNSET: 1942					
01	OVC	100			10.00	-RA	73	69	70	87	5	20	29.03	29.89			
04	OVC	046			9.00	-RA	70	68	69	93	0	00	28.98	29.85			
07	OVC	029			0.50	+RA FG	67	66	66	97	6	34	28.95	29.82			
10	BKN	015			10.00		72	67	69	84	6	25	29.04	29.91			
13	OVC	050			10.00		75	66	69	74	5	26	29.09	29.96			
16	CLR	NC			10.00		79	68	72	69	5	VR	29.08	29.94			
19	CLR	NC			10.00		77	65	69	67	0	00	29.10	29.98			
22	CLR	NC			7.00		69	66	67	90	0	00	29.17	30.05			

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

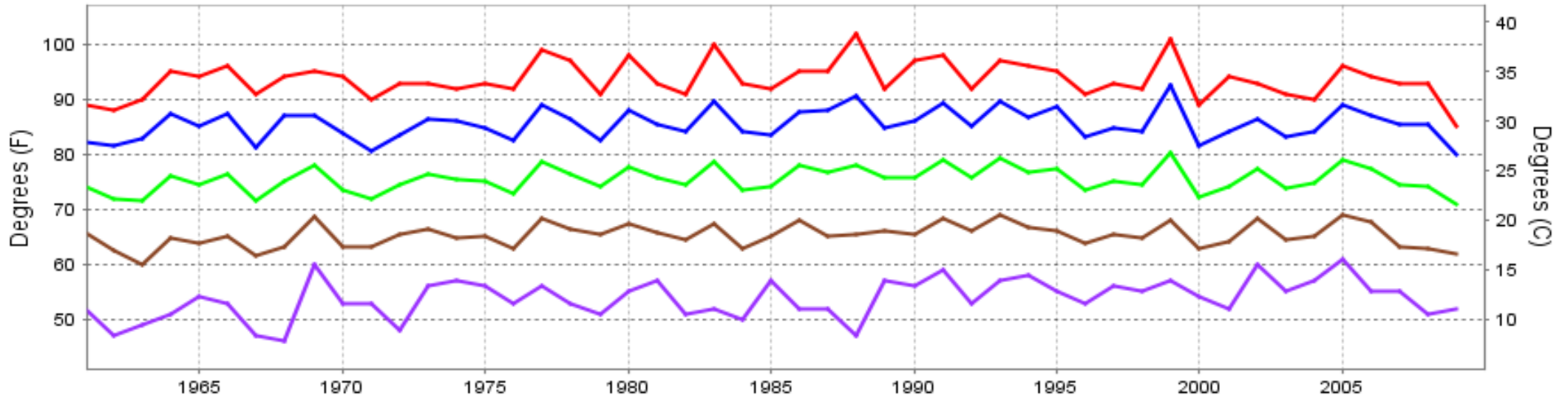
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

& = 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			66	63	64	91	29.08	29.95	7.13	2	2	19
02			65	62	63	92	29.07	29.95	6.43	2	2	19
03			64	62	63	94	29.07	29.95	6.33	2	2	20
04			63	61	62	93	29.07	29.94	6.42	2	2	19
05			63	61	62	94	29.08	29.95	5.56	3	2	20
06			63	61	62	95	29.08	29.96	4.75	3	2	20
07			64	62	63	93	29.09	29.97	5.10	3	2	23
08			67	63	64	88	29.10	29.97	6.85	4	2	23
09			70	64	66	81	29.10	29.97	8.94	4	2	21
10			73	64	67	73	29.10	29.97	8.94	5	3	24
11			75	63	67	68	29.10	29.98	9.35	6	3	25
12			76	63	67	65	29.10	29.98	9.29	6	4	25
13			77	63	68	62	29.09	29.97	9.74	7	4	25
14			78	63	68	62	29.08	29.96	9.48	6	4	25
15			78	62	68	61	29.07	29.95	9.03	6	4	25
16			78	63	68	61	29.07	29.94	9.48	6	5	26
17			77	62	68	63	29.07	29.94	9.20	6	4	25
18			75	62	67	65	29.07	29.94	9.08	5	3	24
19			74	63	67	69	29.07	29.95	9.50	4	3	24
20			72	63	66	74	29.08	29.95	9.34	3	2	23
21			70	63	66	80	29.09	29.96	9.44	2	2	22
22			68	63	65	84	29.10	29.97	8.84	2	2	19
23			67	63	65	87	29.10	29.97	8.18	2	3	21
24			66	63	64	90	29.10	29.97	7.64	2	2	19

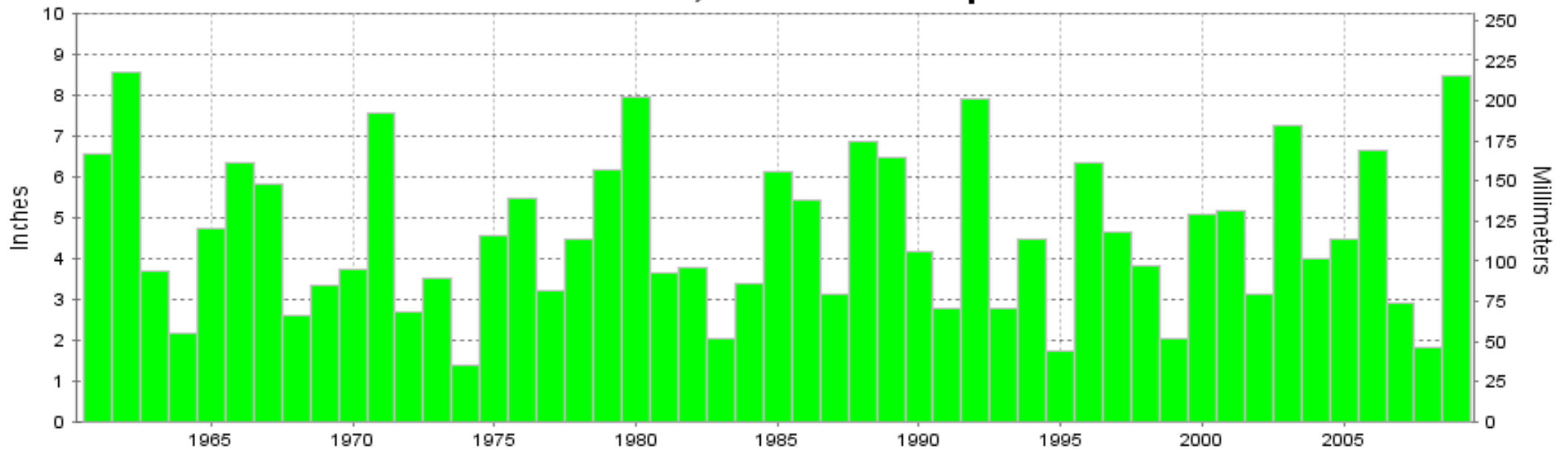
HUNTINGTON, WV JULY Temperatures



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

Long-Term (1961-2009) Mean: 75.4
1971-2000 Normal: 75.3

HUNTINGTON, WV JULY Precipitation



Long-Term (1961-2009) Mean Monthly Total: 4.60

1971-2000 Normal: 4.46



JULY 2009
HUNTINGTON, WV

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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