



DECEMBER 2006 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC 20		2-MIN 22			
01	71*	33	52	11	39	29	13	0	RA BR	0		0.0	0.21	28.90				12.3	45*	24	22	25	01	
02	41	29	35	-6	22	29	30	0		0		0.0	0.00	29.46	30.41	2.8	24	4.5	18	26	13	26	02	
03	45	24	35	-6	23	29	30	0	BR	0		0.0	0.00	29.47	30.40	3.6	30	4.2	18	29	15	31	03	
04	32	20	26	-15	10	22	39	0	SN UP	0		T	T	29.49	30.42	6.5	25	8.6	22	20	16	19	04	
05	41	25	33	-7	13	26	32	0		0		0.0	0.00	29.42	30.35	3.6	21	5.8	21	23	17	23	05	
06	54	25	40	0	17	33	25	0	RA	0		0.0	T	29.22	30.11	9.5	22	10.1	29	22	21	21	06	
07	47	18	33	-6	17	25	32	0	SN FG+ FZFG BR UP	0		0.5	0.01	29.34	30.31	9.3	28	10.5	31	32	25*	32	07	
08	27	12*	20*	-19	7	16	45	0		0		0.0	0.00	29.65	30.61	4.7	24	5.8	15	29	12	29	08	
09	42	14	28	-11	6	23	37	0		0		0.0	0.00	29.57	30.50	6.2	19	6.4	14	21	12	18	09	
10	52	31	42	4	10	31	23	0		0		0.0	0.00	29.52	30.44	4.9	18	5.3	13	18	10	17	10	
11	60	32	46	8	24	37	19	0		0		0.0	0.00	29.51	30.43	1.7	16	2.8	13	16	9	16	11	
12	67	27	47	9	25	39	18	0	RA	0		0.0	0.02	29.36	30.26	3.1	15	4.6	17	29	15	16	12	
13	61	45	53	15	43	48	12	0	RA BR	0		0.0	0.07	29.24	30.14	7.4	20	7.9	20	21	16	21	13	
14	62	41	52	15	40	46	13	0		0		0.0	0.00	29.10	29.98	8.2	19	8.4	23	20	17	19	14	
15	61	39	50	13	36	44	15	0		0		0.0	0.00	28.98	29.89	6.2	23	8.5	26	24	18	25	15	
16	61	30	46	9	31	39	19	0	BR	0		0.0	0.00	29.21	30.13	0.6	11	1.4	8	21	7	03	16	
17	69	43	56	19	39	48	9	0		0		0.0	0.00	29.24	30.15	7.0	19	7.0	16	21	13	21	17	
18	63	48	56*	20	43	49	9	0	RA	0		0.0	T	29.32	30.24	3.0	23	6.5	16	32	13	33	18	
19	51	35	43	7	28	38	22	0		0		0.0	0.00	29.45	30.38	3.6	34	4.3	13	34	12	34	19	
20	55	26	41	5	26	35	24	0		0		0.0	0.00	29.44	30.35	0.9	09	2.1	7	22	7	21	20	
21	53	42	48	12	42	45	17	0	RA FG BR	0		0.0	0.24	29.36	30.26	2.2	10	2.4	12	10	9	11	21	
22	58	47	53	17	51	53	12	0	RA BR	0		0.0	0.74	29.08	29.95	3.8	14	6.0	23	30	18	30	22	
23	51	35	43	8	37	42	22	0	RA FG BR	0		0.0	T	29.11	30.04	5.4	25	5.9	17	25	14	26	23	
24	44	34	39	4	32	37	26	0	BR	0		0.0	0.00	29.30	30.22	1.7	14	5.3	14	09	12	08	24	
25	45	38	42	7	38	40	23	0	RA FG+ FG BR	0		0.0	0.44	28.92	29.76	3.3	05	4.8	16	03	12	07	25	
26	48	36	42	7	35	38	23	0	RA FG+ BR	0		0.0	0.02	28.78	29.74	8.1	27	9.2	26	25	20	25	26	
27	43	30	37	3	25	32	28	0		0		0.0	0.00	29.22	30.17	6.0	23	7.2	22	26	15	24	27	
28	55	27	41	7	27	35	24	0		0		0.0	0.00	29.39	30.34	1.2	14	2.4	13	19	9	19	28	
29	58	32	45	11	30	38	20	0		0		0.0	0.00	29.54	30.48	1.4	15	3.0	10	21	8	21	29	
30	54	30	42	8	33	39	23	0		0		0.0	0.00	29.49	30.41	1.8	08	2.2	10	07	9	07	30	
31	64	45	55	21	45	50	10	0	RA BR	0		0.0	0.36	29.16	30.03	4.6	13	7.6	25	14	17	14	31	
52.7		32.0	42.4	☼	28.8	36.9	22.4	0.0	< MONTHLY AVERAGES TOTALS >		0.5	2.11	29.30	30.22	2.7	22	5.9	< MONTHLY AVERAGES						
7.4	3.1	5.3	-----DEPARTURE FROM NORMAL -----								-1.26	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.74 DATE : 22				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY			SEASON TO DATE						GREATEST 24-HR SNOWFALL : 0.5 DATE : 07				MAXIMUM : 30.66		08 1151									
TOTAL DEPARTURE			TOTAL DEPARTURE						GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.43		01 0752									
HEATING :		694	-155	1634		-128		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 17		PRECIPITATION >= 0.01 INCH: 9										
COOLING :		0	0	1166		55				MAXIMUM TEMP <= 32 : 2		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 5										
										THUNDERSTORMS : 0		HEAVY FOG : 3		SNOWFALL >= 1.0 INCH : 0										

DECEMBER 2006
HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
DECEMBER 2006

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							T	T	0.21	T			01												01	0.21	0.21	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04								T	T	T	T	T	04	T	T	T	T								04	T	T	
05													05												05	0.00	0.00	
06													06									T	T		06	T	T	
07													07	T	T	T	T								07	0.01	0.01	
08									T	T	T	0.01	08												08	0.00	0.00	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12												12	0.02	0.02	
13	T	0.01		0.04	T	0.02	T						13							T	T	0.02	T	T	13	0.07	0.07	
14													14												14	0.00	0.00	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	T	T	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21						0.01	0.03	0.02	T				21	0.04	T	0.04	T	T		0.02	0.04	0.02	0.01	0.01	21	0.24	0.24	
22		T			T	T	0.01	0.01	0.05	0.09	0.08	0.12	22	0.13	0.09	T	0.01	T		T	0.02	0.01	0.07	0.03	0.02	22	0.74	0.74
23	T												23												23	T	T	
24													24												24	0.00	0.00	
25							T	T	T	0.09	0.17	0.01	25			0.10	0.03		0.01				0.03	25	0.44	0.44		
26	0.01				T	0.01					T	T	26	T	T								T	26	0.02	0.02		
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	
31										T	T	0.01	31	0.01	0.01	T	T	0.03	T					31	0.36	0.36		

* 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)	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.25	0.26	0.28	0.33	0.37
Ending Date	04	04	04	04	04	04	25	25	25	31	22	22
Ending Time (Hr/Min)	0943	0943	0943	0943	0943	0943	1045	1045	1045	2128	1309	1309

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 DECEMBER 2006

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:

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							10.00	10.00	
03							2.50	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							0.75	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							8.00	10.00	
13							5.00	10.00	
14							8.00	10.00	
15							10.00	10.00	
16							6.00	10.00	
17							10.00	10.00	
18							8.00	10.00	
19							10.00	10.00	
20							7.00	10.00	
21							0.75	10.00	
22							1.25	10.00	
23							3.00	10.00	
24							4.00	10.00	
25							0.50	10.00	
26							1.25	10.00	
27							10.00	10.00	
28							8.00	10.00	
29							10.00	10.00	
30							7.00	10.00	
31							5.00	10.00	
MONTHLY AVGS							6.84	10.00	
SUNSHINE (Minutes)									
Total :					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0			>= 7.0				
0		7			19				

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2006 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)																			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL														
																												WEATHER	WEATHER												
SUNRISE: 0726						DEC 01						SUNSET: 1708						SUNRISE: 0732						DEC 07						SUNSET: 1708											
01	CLR	NC			10.00							01	OVC	060			10.00						01	OVC	060			10.00						46	24	37	42	11	27	29.15	30.05
04	OVC	110			10.00							04	OVC	047			10.00						04	OVC	047			10.00						40	27	35	60	14	27	29.19	30.09
07	BKN	110			10.00							07	OVC	036			10.00						07	OVC	036			10.00						33	18	28	54	11	24	29.26	30.17
10	BKN	095			10.00							10	OVC	040			8.00						10	OVC	040			8.00						34	21	29	59	10	25	29.29	30.20
13												13	OVC	025			8.00						13	OVC	025			8.00						27	20	25	75	14	33	29.38	30.29
16	BKN	050			10.00							16	BKN	050			10.00						16	BKN	050			10.00						26	11	22	53	15	31	29.47	30.40
19	OVC	032			10.00							19	FEW	038			10.00						19	FEW	038			10.00						21	10	18	62	11	29	29.57	30.51
22	OVC	030			10.00							22	CLR	NC			10.00						22	CLR	NC			10.00						19	9	16	65	8	30	29.62	30.55
SUNRISE: 0727						DEC 02						SUNRISE: 0733						DEC 08						SUNSET: 1708																	
01	OVC	026			10.00							01	CLR	NC			10.00						01	CLR	NC			10.00						17	8	15	68	9	30	29.64	30.58
04	OVC	028			10.00							04	CLR	NC			10.00						04	CLR	NC			10.00						15	7	13	70	6	VR	29.66	30.61
07	OVC	026			10.00							07	CLR	NC			10.00						07	CLR	NC			10.00						13	6	11	73	7	24	29.68	30.63
10	SCT	024			10.00							10	CLR	NC			10.00						10	CLR	NC			10.00						16	7	14	67	5	25	29.72	30.66
13	CLR	NC			10.00							13	CLR	NC			10.00						13	CLR	NC			10.00						23	8	19	52	6	23	29.68	30.63
16	CLR	NC			10.00							16	CLR	NC			10.00						16	CLR	NC			10.00						27	5	21	39	7	22	29.64	30.59
19	CLR	NC			10.00							19	CLR	NC			10.00						19	CLR	NC			10.00						23	6	19	48	3	24	29.63	30.58
22	CLR	NC			10.00							22	CLR	NC			10.00						22	CLR	NC			10.00						18	7	15	62	3	21	29.61	30.56
SUNRISE: 0728						DEC 03						SUNRISE: 0734						DEC 09						SUNSET: 1708																	
01	CLR	NC			10.00							01	CLR	NC			10.00						01	CLR	NC			10.00						18	7	15	62	5	21	29.62	30.57
04	CLR	NC			5.00							04	CLR	NC			10.00						04	CLR	NC			10.00						17	6	14	62	6	19	29.62	30.57
07	CLR	NC			5.00							07	SCT	110			10.00						07	SCT	110			10.00						19	8	16	62	6	18	29.62	30.56
10	CLR	NC			4.00							10	CLR	NC			10.00						10	CLR	NC			10.00						25	9	21	51	8	20	29.63	30.58
13	CLR	NC			10.00							13	CLR	NC			10.00						13	CLR	NC			10.00						36	6	27	28	8	18	29.55	30.48
16	CLR	NC			10.00							16	CLR	NC			10.00						16	CLR	NC			10.00						41	3	30	20	8	18	29.52	30.45
19	CLR	NC			10.00							19	CLR	NC			10.00						19	CLR	NC			10.00						37	3	27	24	3	20	29.51	30.44
22	BKN	120			10.00							22	CLR	NC			10.00						22	CLR	NC			10.00						35	4	26	27	7	19	29.49	30.42
SUNRISE: 0729						DEC 04						SUNRISE: 0734						DEC 10						SUNSET: 1708																	
01	CLR	NC			10.00							01	CLR	NC			10.00						01	CLR	NC			10.00						35	6	26	29	7	20	29.50	30.42
04	OVC	027			10.00							04	OVC	027			10.00						04	CLR	NC			10.00						32	8	25	36	6	19	29.53	30.45
07	OVC	031			10.00							07	CLR	NC			10.00						07	CLR	NC			10.00						31	9	25	40	5	19	29.57	30.50
10	CLR	NC			10.00							10	CLR	NC			10.00						10	CLR	NC			10.00						40	10	30	29	7	21	29.58	30.50
13	CLR	NC			10.00							13	CLR	NC			10.00						13	CLR	NC			10.00						50	11	36	21	9	17	29.53	30.45
16	CLR	NC			10.00							16	CLR	NC			10.00						16	CLR	NC			10.00						50	12	37	22	9	17	29.49	30.41
19	OVC	100			10.00							19	OVC	100			10.00						19	CLR	NC			10.00						47	9	34	21	3	15	29.49	30.41
22	OVC	100			10.00							22	OVC	100			10.00						22	CLR	NC			10.00						38	12	30	34	0	00	29.47	30.39
SUNRISE: 0730						DEC 05						SUNRISE: 0735						DEC 11						SUNSET: 1708																	
01	CLR	NC			10.00							01	CLR	NC			10.00						01	CLR	NC			10.00						36	14	29	40	0	00	29.49	30.40
04	CLR	NC			10.00							04	CLR	NC			10.00						04	CLR	NC			10.00						34	20	29	57	0	00	29.51	30.43
07	CLR	NC			10.00							07	CLR	NC			10.00						07	CLR	NC			10.00						33	19	28	56	0	00	29.54	30.46
10	CLR	NC			10.00							10	CLR	NC			10.00						10	CLR	NC			10.00						45	15	34	30	5	20	29.58	30.50
13	CLR	NC			10.00							13	CLR	NC			10.00						13	CLR	NC			10.00						57	26	44	30	6	VR	29.52	30.44
16	CLR	NC			10.00							16	CLR	NC			10.00						16	CLR	NC			10.00						59	32	47	36	0	00	29.49	30.40
19	CLR	NC			10.00							19	CLR	NC			10.00						19	CLR	NC			10.00						50	30	41	46	5	10	29.49	30.42
22	CLR	NC			10.00							22	CLR	NC			10.00						22	CLR	NC			10.00						44	31	39	60	0	00	29.50	30.42
SUNRISE: 0731						DEC 06						SUNRISE: 0736						DEC 12						SUNSET: 1708																	
01	CLR	NC			10.00							01	CLR	NC			10.00						01	CLR	NC			10.00						35	28	32	76	3	10	29.47	30.39
04	CLR	NC			10.00							04	CLR	NC			10.00						04	CLR	NC			10.00						32	27	30	82	0	00	29.44	30.35
07	CLR	NC			10.00							07	CLR	NC			10.00						07	CLR	NC			10.00						29	25	28	85	0	00	29.44	30.35
10	CLR	NC			10.00							10	CLR	NC			10.00						10	CLR	NC			10.00						39	29	35	67	3	11	29.44	30.36
13	CLR	NC			10.00							13	CLR	NC			10.00						13	CLR	NC			10.00						64							

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2006 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)							
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		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	VISIBILITY (MILES)
SUNRISE: 0737 DEC 13						SUNSET: 1708						SUNRISE: 0741 DEC 19						SUNSET: 1710											
01	OVC	070			10.00	-RA	50	39	45	66	8	18	29.27	30.16	01	OVC	028			10.00	48	36	43	63	0	00	29.40	30.29	
04	OVC	050			6.00	-RA	47	42	45	83	13	16	29.27	30.16	04	OVC	055			10.00	46	32	40	58	8	36	29.41	30.32	
07	OVC	043			10.00		48	43	46	83	9	18	29.28	30.17	07	CLR	NC			10.00	42	31	37	65	7	32	29.46	30.36	
10	FEW	022			10.00		52	45	48	77	9	19	29.29	30.19	10	CLR	NC			10.00	43	29	37	58	3	34	29.50	30.42	
13	SCT	030			10.00		59	47	53	65	11	21	29.25	30.14	13	CLR	NC			10.00	50	27	40	41	8	34	29.47	30.38	
16	CLR	NC			10.00		59	44	51	58	8	23	29.21	30.11	16	CLR	NC			10.00	49	25	39	39	6	31	29.49	30.40	
19	CLR	NC			10.00		54	42	48	64	6	21	29.22	30.11	19	CLR	NC			10.00	44	24	36	45	5	02	29.49	30.41	
22	CLR	NC			10.00		47	41	44	80	5	20	29.21	30.11	22	CLR	NC			10.00	40	26	35	57	0	00	29.52	30.44	
SUNRISE: 0737 DEC 14						SUNSET: 1709						SUNRISE: 0741 DEC 20						SUNSET: 1711											
01	CLR	NC			10.00		47	40	44	77	7	19	29.20	30.09	01	CLR	NC			10.00	33	26	30	75	3	10	29.51	30.43	
04	CLR	NC			10.00		47	41	44	80	8	20	29.18	30.07	04	CLR	NC			10.00	30	26	29	85	3	08	29.49	30.40	
07	CLR	NC			8.00		43	40	42	89	6	19	29.16	30.06	07	CLR	NC			7.00	29	26	28	89	0	00	29.49	30.40	
10	CLR	NC			10.00		50	42	46	74	8	20	29.17	30.07	10	CLR	NC			10.00	34	28	32	79	0	00	29.47	30.39	
13	CLR	NC			10.00		61	43	52	52	8	22	29.09	29.99	13	CLR	NC			10.00	49	25	39	39	0	00	29.41	30.32	
16	CLR	NC			10.00		61	37	49	41	11	18	29.02	29.90	16	CLR	NC			10.00	54	24	42	31	3	22	29.37	30.28	
19	CLR	NC			10.00		56	38	47	51	7	17	28.98	29.87	19	CLR	NC			10.00	50	26	40	39	0	00	29.38	30.29	
22	CLR	NC			10.00		54	39	47	57	8	20	28.98	29.87	22	SCT	110			10.00	47	27	39	46	0	00	29.40	30.31	
SUNRISE: 0738 DEC 15						SUNSET: 1709						SUNRISE: 0742 DEC 21						SUNSET: 1711											
01	CLR	NC			10.00		53	40	47	62	9	20	28.97	29.85	01	CLR	NC			10.00	46	29	39	52	0	00	29.36	30.27	
04	CLR	NC			10.00		51	39	45	64	6	21	28.95	29.84	04	BKN	075			10.00	45	31	39	58	0	00	29.37	30.27	
07	FEW	120			10.00		48	39	44	71	6	20	28.98	29.86	07	OVC	070			6.00	-RA BR	43	40	42	89	3	09	29.41	30.31
10	SCT	090			10.00		51	42	47	71	9	20	29.00	29.89	10	OVC	060			5.00	BR	44	41	43	89	0	00	29.43	30.34
13	FEW	100			10.00		58	37	48	46	13	22	28.94	29.82	13	OVC	050			2.00	-RA BR	49	47	48	93	3	08	29.38	30.28
16	CLR	NC			10.00		60	30	46	32	17	25	28.96	29.84	16	OVC	060			2.50	-RA BR	51	49	50	93	6	09	29.32	30.23
19	CLR	NC			10.00		53	30	43	41	6	25	29.05	29.95	19	OVC	036			1.00	RA BR	50	49	49	96	0	00	29.34	30.24
22	CLR	NC			10.00		47	29	39	50	6	34	29.13	30.03	22	OVC	060			5.00	BR	52	50	51	93	5	10	29.29	30.20
SUNRISE: 0739 DEC 16						SUNSET: 1709						SUNRISE: 0742 DEC 22						SUNSET: 1712											
01	CLR	NC			10.00		38	30	35	73	5	03	29.17	30.08	01	SCT	090			7.00		52	49	50	90	8	12	29.21	30.11
04	CLR	NC			10.00		35	30	33	82	0	00	29.21	30.12	04	OVC	095			4.00	BR	51	49	50	93	0	00	29.16	30.06
07	CLR	NC			8.00		30	28	29	92	0	00	29.25	30.16	07	OVC	085			1.25	-RA BR	50	49	49	96	5	08	29.13	30.03
10	CLR	NC			10.00		38	31	35	76	3	11	29.28	30.19	10	OVC	060			4.00	-RA BR	56	53	54	90	10	14	29.10	29.99
13	CLR	NC			10.00		54	35	45	49	3	VR	29.22	30.12	13	OVC	049			2.00	RA BR	56	54	55	93	6	15	29.01	29.90
16	CLR	NC			10.00		60	34	48	38	0	00	29.19	30.10	16	OVC	085			10.00		57	54	55	90	5	16	28.97	29.85
19	CLR	NC			10.00		52	33	43	49	3	09	29.21	30.12	19	OVC	030			10.00		57	54	55	90	5	20	28.98	29.86
22	CLR	NC			10.00		45	33	40	63	0	00	29.21	30.12	22	OVC	030			4.00	-RA BR	53	51	52	93	9	29	29.00	29.88
SUNRISE: 0739 DEC 17						SUNSET: 1710						SUNRISE: 0743 DEC 23						SUNSET: 1712											
01	CLR	NC			10.00		46	32	40	58	7	19	29.21	30.11	01	OVC	049			10.00		48	45	47	89	6	22	29.05	29.93
04	CLR	NC			10.00		50	32	42	50	6	19	29.24	30.13	04	BKN	035			10.00		46	43	45	89	6	26	29.08	29.97
07	OVC	070			10.00		49	34	42	56	7	19	29.27	30.17	07	FEW	046			10.00		43	39	41	86	5	21	29.10	30.00
10	OVC	065			10.00		56	37	47	49	9	20	29.30	30.20	10	CLR	NC			10.00		45	39	42	80	6	22	29.17	30.07
13	CLR	NC			10.00		65	40	52	40	8	20	29.25	30.15	13	BKN	033			10.00		50	36	44	59	9	24	29.15	30.05
16	OVC	048			10.00		68	45	56	44	7	21	29.23	30.12	16	FEW	038			10.00		50	34	43	54	8	27	29.15	30.05
19	FEW	060			10.00		63	44	53	50	5	19	29.25	30.15	19	CLR	NC			10.00		43	34	39	71	7	30	29.19	30.09
22	BKN	060			10.00		59	45	52	60	7	19	29.26	30.15	22	CLR	NC			9.00		39	34	37	82	3	19	29.21	30.11
SUNRISE: 0740 DEC 18						SUNSET: 1710						SUNRISE: 0743 DEC 24						SUNSET: 1713											
01	OVC	060			10.00		58	41	50	53	7	19	29.26	30.15	01	CLR	NC			4.00	BR	35	33	34	92	5	22	29.22	30.12
04	OVC	050			10.00		56	40	48	55	7	19	29.27	30.16	04	OVC	018			6.00	BR	38	34	36	86	7	23	29.28	30.19
07	SCT	060			10.00		56	41	49	57	9	20	29.30	30.19	07	OVC	024			10.00		38	33	36	82	3	21	29.32	30.23
10	OVC	075			10.00		58	42	50	55	7	21	29.36	30.26	10	OVC	030			10.00		40	34	37	79	7	19	29.36	30.27
13	OVC	029			10.00		62	49	55	63	7	VR	29.34	30.23	13	OVC	028			10.00		43	33	39	68	5	22	29.35	30.26
16	OVC	029			8.00		59	49	54	70	6	33	29.35	30.24	16	OVC	030			10.00		44	31	39	60	6	06	29.34	30.24
19	OVC	016			10.00		50	44	47	80	6	35	29.40	30.30	19	CLR	NC			10.00		39	31	36	73	6	08	29.35	30.26
22	OVC	024			10.00		48	38	43	68	5	35	29.41	30.32	22	CLR	NC			10.00		40	31	36	70	6	06	29.28	30.19

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2006 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 Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0743 DEC 25 SUNSET: 1714													
01	CLR	NC				39	31	36	73	6	06	29.19	30.10
04	FEW	120				38	31	35	76	0	00	29.10	30.01
07	OVC	095			-RA	38	33	36	82	5	08	29.05	29.95
10	OVC	031			+RA BR	39	37	38	93	6	35	29.01	29.91
13	OVC	003				43	41	42	93	9	07	28.81	29.70
16	OVC	050			-RA BR	44	42	43	93	7	05	28.69	29.58
19	OVC	080			BR	44	43	44	96	3	34	28.66	29.55
22	VV	001			BR	44	43	44	96	0	00	28.62	29.51
SUNRISE: 0744 DEC 26 SUNSET: 1714													
01	OVC	100			BR	44	43	44	96	3	19	28.60	29.48
04	OVC	085				48	43	46	83	9	23	28.61	29.49
07	OVC	026				44	37	41	77	14	24	28.69	29.57
10	OVC	012				37	33	35	86	11	25	28.84	29.74
13	OVC	019				38	33	36	82	10	30	28.86	29.76
16	OVC	020				39	33	36	79	9	29	28.92	29.82
19	OVC	029				38	31	35	76	9	30	29.02	29.91
22	OVC	039				37	27	33	67	8	30	29.08	29.98
SUNRISE: 0744 DEC 27 SUNSET: 1715													
01	OVC	037				36	28	33	73	9	26	29.10	30.02
04	OVC	042				35	27	32	73	7	24	29.15	30.07
07	OVC	026				34	25	31	70	11	25	29.22	30.14
10	OVC	032				35	24	31	64	9	22	29.29	30.20
13	CLR	NC				40	25	34	55	8	25	29.26	30.17
16	CLR	NC				43	24	36	47	7	21	29.27	30.18
19	CLR	NC				39	23	33	53	0	00	29.31	30.23
22	BKN	120				31	25	29	78	3	13	29.34	30.25
SUNRISE: 0744 DEC 28 SUNSET: 1716													
01	CLR	NC				31	26	29	82	3	11	29.34	30.26
04	CLR	NC				29	25	28	85	5	09	29.37	30.28
07	CLR	NC				29	26	28	89	0	00	29.41	30.32
10	CLR	NC				35	30	33	82	0	00	29.47	30.39
13	CLR	NC				52	28	42	40	9	18	29.41	30.32
16	CLR	NC				55	25	42	31	3	VR	29.40	30.31
19	CLR	NC				48	27	39	44	5	07	29.44	30.35
22	CLR	NC				41	27	35	58	0	00	29.49	30.40
SUNRISE: 0745 DEC 29 SUNSET: 1716													
01	CLR	NC				37	29	34	73	0	00	29.49	30.40
04	CLR	NC				35	29	33	79	0	00	29.52	30.44
07	CLR	NC				32	29	31	89	3	02	29.57	30.50
10	CLR	NC				42	31	37	65	5	20	29.63	30.55
13	CLR	NC				54	30	43	40	0	00	29.59	30.50
16	CLR	NC				58	29	45	33	5	24	29.56	30.47
19	CLR	NC				51	27	41	39	5	09	29.56	30.48
22	CLR	NC				45	30	39	56	5	10	29.54	30.46
SUNRISE: 0745 DEC 30 SUNSET: 1717													
01	CLR	NC				36	31	34	82	0	00	29.52	30.43
04	CLR	NC				33	30	32	89	0	00	29.49	30.40
07	OVC	047				33	30	32	89	0	00	29.51	30.43
10	OVC	055				40	33	37	76	0	00	29.56	30.48
13	BKN	060				49	36	43	61	3	08	29.50	30.42
16	CLR	NC				53	36	45	53	3	16	29.47	30.39
19	CLR	NC				49	36	43	61	5	03	29.47	30.39
22	CLR	NC				46	35	41	66	5	09	29.44	30.35

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0745 DEC 31 SUNSET: 1718													
01	OVC	065				46	36	42	68	5	02	29.39	30.29
04	CLR	NC				47	36	42	66	7	07	29.32	30.22
07	FEW	070				48	37	43	66	6	06	29.24	30.14
10	BKN	090			-RA	48	40	44	74	5	08	29.22	30.12
13	BKN	060				56	50	53	80	6	14	29.11	30.00
16	CLR	NC				64	53	58	68	11	15	29.02	29.90
19	BKN	110				60	53	56	78	9	14	28.95	29.84
22	OVC	065			BR	59	56	57	90	6	21	28.99	29.87

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.

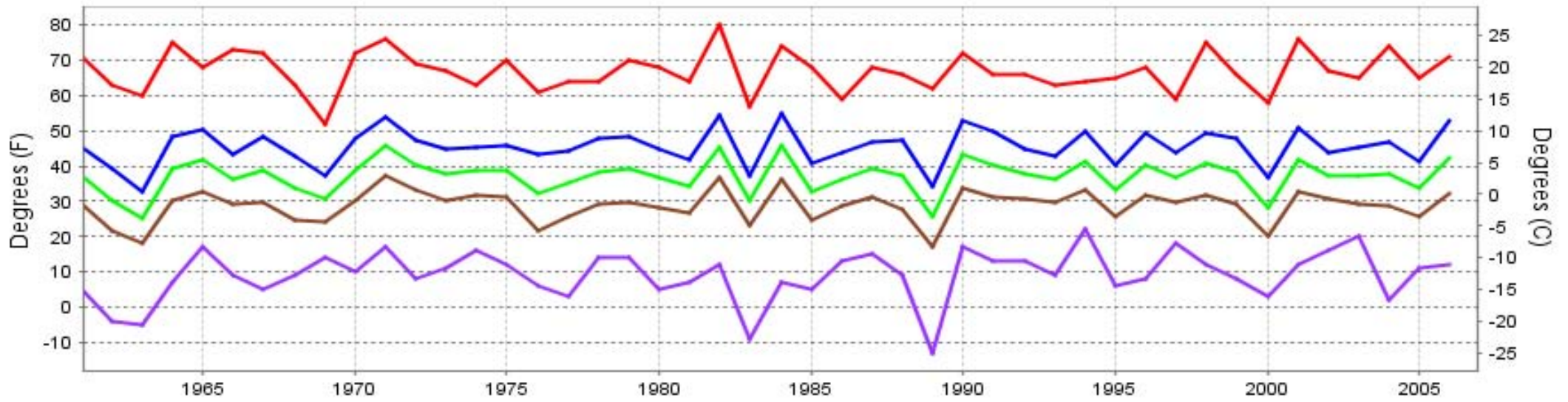
& = Original observation contained additional weather elements.

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			39	29	35	68	29.30	30.21	9.40	5	3	21
02			39	29	35	69	29.30	30.20	9.45	5	3	21
03			39	29	35	69	29.30	30.21	9.52	5	3	21
04			38	29	34	71	29.30	30.21	9.35	5	3	21
05			38	29	34	72	29.30	30.21	9.35	5	3	21
06			37	28	34	72	29.31	30.22	9.10	5	3	22
07			37	28	34	73	29.31	30.22	9.20	5	3	22
08			37	29	34	74	29.32	30.23	9.08	5	3	21
09			38	30	35	74	29.33	30.25	8.94	6	3	22
10			41	30	36	68	29.35	30.26	8.99	6	4	23
11			44	30	38	62	29.35	30.26	8.91	6	4	23
12			46	30	40	58	29.33	30.24	8.94	7	4	24
13			48	30	41	53	29.32	30.23	9.23	7	4	22
14			49	29	41	50	29.28	30.20	9.43	8	4	23
15			50	29	41	48	29.28	30.18	9.64	9	5	24
16			50	28	41	48	29.28	30.19	9.47	7	4	24
17			48	28	40	49	29.29	30.20	9.55	6	3	23
18			47	28	40	52	29.30	30.21	9.63	5	3	21
19			45	28	39	54	29.30	30.21	9.47	6	2	21
20			44	28	38	58	29.30	30.22	9.27	5	3	20
21			42	29	37	61	29.31	30.22	9.35	6	3	21
22			41	29	37	64	29.31	30.22	9.16	5	3	22
23			40	29	36	67	29.31	30.22	9.27	5	3	21
24			39	28	35	67	29.31	30.22	9.19	5	2	20

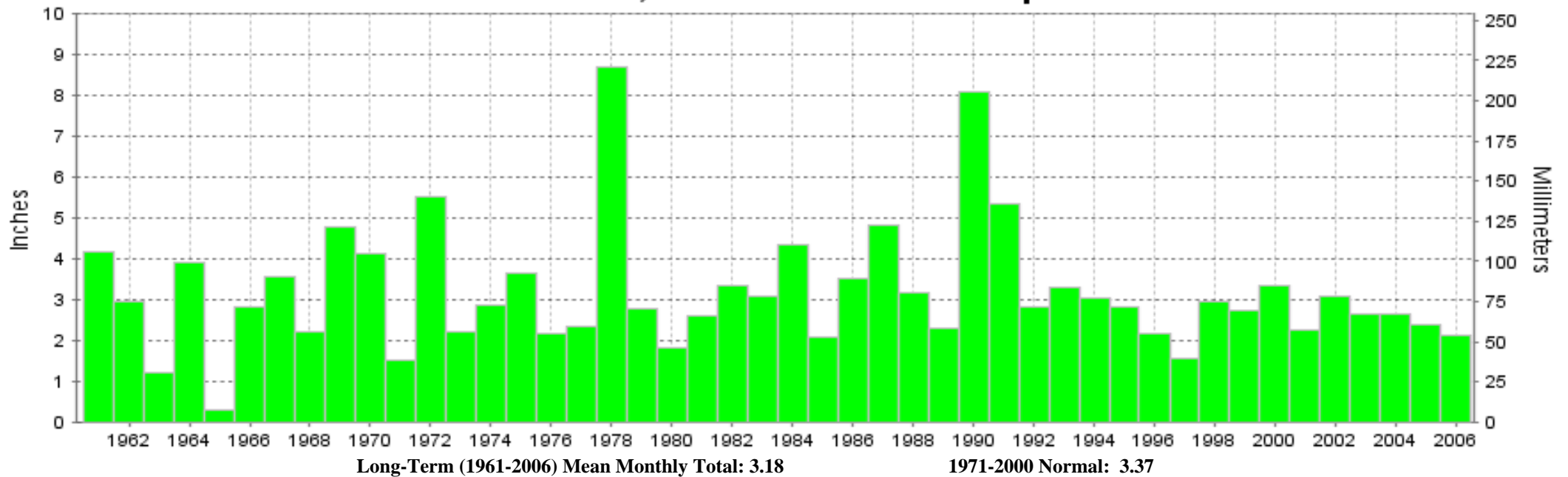
HUNTINGTON, WV DECEMBER Temperatures



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

Long-Term (1961-2006) Mean: 37.1
1971-2000 Normal: 37.1

HUNTINGTON, WV DECEMBER Precipitation



Long-Term (1961-2006) Mean Monthly Total: 3.18

1971-2000 Normal: 3.37



**DECEMBER 2006
HUNTINGTON, WV**

**LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center**

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