



DECEMBER 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 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	43	27	35	-6	15	29	30	0		0		0.0	0.00	29.51	30.41	3.8	06	4.4	15	09	10	09	01	
02	59	37	48	7	39	46	17	0	RA BR	0		0.0	0.72	29.10	29.98	5.1	21	6.0	35	28	22	27	02	
03	57	28	43	2	25	31	22	0		0		0.0	0.00	29.19	30.15	11.7	27	12.1	38	28	26	27	03	
04	37	27	32	-9	20	27	33	0		0		0.0	0.00	29.10	29.98	4.4	24	5.5	16	22	13	24	04	
05	37	27	32	-8	27	30	33	0	RA SN BR UP	1		0.9	0.28	28.82	29.77	2.3	34	5.6	23	29	17	35	05	
06	33	18	26	-14	19	24	39	0		0		0.0	0.00	29.31	30.26	1.7	05	2.8	13	07	9	08	06	
07	42	27	35	-4	30	33	30	0	RA BR UP	0		0.0	0.04	29.27	30.19	0.6	07	0.9	8	18	7	18	07	
08	43	38	41	2	39	40	24	0	RA FG+ FG BR	0		0.0	0.20	29.36	30.29	2.8	04	2.8	13	03	9	04	08	
09	65	41	53	14	50	51	12	0	RA FG+ FG BR	0		0.0	1.56	29.33	30.22	0.4	04	3.8	20	36	13	33	09	
10	61	44	53	15	50	51	12	0	RA FG+ FG BR	0		0.0	0.37	29.33	30.24	1.5	33	3.9	12	02	9	35	10	
11	73*	44	59*	21	52	55	6	0	RA BR	0		0.0	T	29.31	30.18	4.6	21	4.7	24	22	17	24	11	
12	64	42	53	15	46	48	12	0	RA BR	0		0.0	0.18	29.23	30.13	1.8	35	6.7	24	33	17	33	12	
13	49	40	45	7	41	42	20	0	RA BR	0		0.0	1.53	29.13	30.04	3.2	28	5.8	28	30	21	30	13	
14	42	33	38	1	29	33	27	0	HZ	0		0.0	0.00	29.36	30.30	1.9	29	3.8	20	26	13	25	14	
15	41	30	36	-1	29	33	29	0	RA DZ FZDZ BR	0		0.0	0.02	29.16	30.01	4.3	06	5.8	18	05	14	05	15	
16	47	28	38	-1	30	33	27	0	RA SN FZFG BR	0		0.5	0.08	28.76	29.70	10.4	25	12.4	40	23	23	25	16	
17	31	20	26*	-11	18	23	39	0	SN	0		T	T	29.33	30.29	4.2	24	4.9	23	27	15	26	17	
18	43	17*	30	-6	22	27	35	0		0		0.0	0.00	29.37	30.28	2.7	17	3.4	12	17	9	19	18	
19	50	33	42	6	32	37	23	0	RA SN	0		T	T	29.21	30.13	5.1	22	6.3	24	23	17	24	19	
20	46	25	36	0	30	34	29	0	RA FG+ FZFG BR HZ	0		0.0	0.07	29.23	30.13	4.0	06	4.1	15	08	13	08	20	
21	51	37	44	8	39	42	21	0	RA BR	0		0.0	0.20	29.15	30.06	3.8	11	4.0	13	12	9	12	21	
22	62	37	50	14	39	44	15	0		0		0.0	0.00	29.23	30.13	5.0	12	5.4	20	11	13	13	22	
23	61	35	48	13	35	42	17	0	RA BR	0		0.0	0.39	28.97	29.89	10.0	22	12.7	45*	26	29*	25	23	
24	44	31	38	3	21	31	27	0		0		0.0	0.00	29.22	30.16	6.8	23	7.1	24	26	17	25	24	
25	48	24	36	1	23	31	29	0		0		0.0	0.00	29.34	30.26	0.5	14	1.5	8	05	7	10	25	
26	53	31	42	7	27	36	23	0		0		0.0	0.00	29.15	30.03	1.6	02	2.2	12	33	9	32	26	
27	50	37	44	10	36	40	21	0	RA BR	0		0.0	0.05	29.10	30.04	1.7	26	4.2	20	32	13	31	27	
28	56	37	47	13	40	42	18	0	RA BR	0		0.0	0.52	29.13	30.03	1.5	15	7.6	26	27	18	27	28	
29	49	33	41	7	32	38	24	0		0		0.0	0.00	29.16	30.10	4.4	27	5.2	22	26	15	26	29	
30	38	29	34	0	30	33	31	0	BR	0		0.0	0.00	29.08	29.98	0.3	01	1.4	8	07	7	05	30	
31	50	30	40	6	27	35	25	0	RA BR	0		0.0	T	29.07	29.96	5.6	18	6.3	31	23	15	23	31	
49.2		31.8	40.5	Σ	32.0	36.8	24.2	0.0	< MONTHLY AVERAGES TOTALS >			1.4	6.21	29.20	30.10	1.5	23	5.3	< MONTHLY AVERAGES					
3.9	2.9	3.4	-----DEPARTURE FROM NORMAL ----->								2.84	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 1.81 DATE : 09-10				SEA LEVEL PRESSURE				DATE TIME								
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.9 DATE : 05				MAXIMUM : 30.55				01 0946								
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 1 DATE : 05				MINIMUM : 29.36				16 0351								
HEATING :		750	-99	1505	-257	NUMBER OF ->		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 16		PRECIPITATION >= 0.01 INCH : 15												
COOLING :		0	0	1533	422	DAYS WITH		MAXIMUM TEMP <= 32 : 1		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 10												
								THUNDERSTORMS : 0		HEAVY FOG : 4		SNOWFALL >= 1.0 INCH : 0												

DECEMBER 2007
HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
DECEMBER 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													01												01	0.00	0.00	
02													02	T	0.02	0.06	T	0.01	T	0.11	0.21	0.19	0.03	0.01	02	0.72	0.72	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05				T	0.01	0.02	0.07	0.05	0.04	0.01		T	05	0.02	0.02	0.02	0.02	T	T	T				05	0.28	0.28		
06													06												06	0.00	0.00	
07			0.01	T								T	07								T	0.01	T	0.02	07	0.04	0.04	
08	0.02	0.02	0.03	0.03	0.03	0.02	T						08					T	0.01		T	0.03	0.01	08	0.20	0.20		
09	T	T	0.02	0.01	0.01	0.05	0.01	T					09			0.19	0.27	0.19				0.11	0.70	09	1.56	1.56		
10	0.07	0.01	0.01	0.01				T	T	0.01	T	0.01	10	0.08	0.05	0.07	0.03	0.01	0.01		T			10	0.37	0.37		
11							T						11											11	T	T		
12						0.01	0.03	0.11	0.03	T	T	T	12											12	0.18	0.18		
13		0.11	0.12	0.08	0.23	0.09	0.04	0.04	0.32	0.30	0.11	0.02	13	0.03	0.04	T								13	1.53	1.53		
14													14											14	0.00	0.00		
15											T	T	15						0.01	0.01				15	0.02	0.02		
16		0.01	T	0.02	0.03	T	0.02	T	T	T		T	16	T	T	T	T	T	T	T			T	16	0.08	0.08		
17	T	T											17											17	T	T		
18													18											18	0.00	0.00		
19		T	T	T									19											19	T	T		
20													20									0.05	0.02	20	0.07	0.07		
21	0.06	0.07	0.05	0.02		T	T	T	T				21											21	0.20	0.20		
22													22											22	0.00	0.00		
23						T	0.01	0.06	0.22	0.10	T	T	23											23	0.39	0.39		
24													24											24	0.00	0.00		
25													25											25	0.00	0.00		
26			0.01	T				T	0.02	0.01	0.01		26											26	0.00	0.00		
27													27											27	0.05	0.05		
28													28	0.04	0.19	0.18	0.09	0.01	T	T	0.01			28	0.52	0.52		
29													29											29	0.00	0.00		
30													30											30	0.00	0.00		
31													31										T	31	T	T		

* 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)	0.15	0.25	0.31	0.42	0.53	0.73	0.79	0.82	0.87	0.87	0.88	0.88
Ending Date	09	09	09	09	09	09	09	10	10	10	10	10
Ending Time (Hr/Min)	2302	2307	2312	2317	2325	2341	2353	0012	0035	0035	0035	0135

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 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:

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							1.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							0.75	10.00	
06							7.00	10.00	
07							2.50	10.00	
08							0.25	4.00	
09							0.25	10.00	
10							0.25	10.00	
11							1.75	10.00	
12							1.00	10.00	
13							2.00	10.00	
14							6.00	10.00	
15							5.00	10.00	
16							0.75	10.00	
17							7.00	10.00	
18							6.00	10.00	
19							8.00	10.00	
20							0.25	10.00	
21							5.00	10.00	
22							10.00	10.00	
23							3.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							5.00	10.00	
28							2.00	10.00	
29							10.00	10.00	
30							4.00	10.00	
31							6.00	10.00	
MONTHLY AVGS							4.99	9.81	
SUNSHINE (Minutes)									
Total : 0			Possible : 17763						
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY		Cloudy		Missing			
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0				>= 7.0			
4		13				11			

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
DECEMBER 2007 KHTS

WBAN # 03860

Table with columns for Hour (LST), Sky Cover, Ceiling, Satellite, Temperature (F), Wind, Pressure (Inches, Hg), and Weather. It contains two main sections of data, one for December 01-06 and another for December 07-12, with 24 rows per day.

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV DECEMBER 2007 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
SUNRISE: 0738							DEC 13							SUNSET: 1710															
01	OVC	026			10.00		42	39	41	89	6	06	29.20	30.10	01	OVC	060			10.00		38	23	32	55	3	19	29.19	30.10
04	OVC	004			6.00	-RA BR	41	41	41	100	0	00	29.09	29.99	04	OVC	039			10.00		38	27	34	65	8	19	29.19	30.10
07	OVC	002			5.00	-RA BR	41	40	41	96	6	35	29.03	29.93	07	OVC	027			10.00		39	30	35	70	7	20	29.20	30.11
10	OVC	007			2.50	RA BR	40	39	40	96	6	30	29.08	29.98	10	OVC	022			10.00		41	34	38	76	8	21	29.23	30.14
13	OVC	002			4.00	-RA BR	43	42	43	96	5	23	29.12	30.02	13	OVC	028			10.00		47	36	42	66	13	27	29.19	30.10
16	OVC	012			10.00		49	45	47	86	8	26	29.13	30.04	16	SCT	039			10.00		50	35	43	57	10	22	29.20	30.10
19	OVC	033			10.00		48	40	44	74	8	26	29.19	30.10	19	CLR	NC			10.00		45	34	40	65	5	23	29.25	30.16
22	OVC	029			10.00		45	38	42	77	11	26	29.23	30.14	22	CLR	NC			10.00		40	33	37	76	0	00	29.29	30.19
SUNRISE: 0739							DEC 14							SUNSET: 1711															
01	OVC	024			10.00		41	33	38	73	7	24	29.27	30.18	01	CLR	NC			8.00		34	30	32	85	6	04	29.29	30.20
04	OVC	020			10.00		38	32	36	79	6	VR	29.32	30.23	04	CLR	NC			4.00	BR	30	28	29	92	3	04	29.29	30.20
07	OVC	018			10.00		36	29	33	76	6	26	29.36	30.27	07	VV	001			0.25	FZFG	26	25	26	96	0	00	29.29	30.20
10	OVC	018			10.00		35	28	32	76	5	25	29.41	30.32	10	CLR	NC			3.00	BR	32	30	31	92	0	00	29.28	30.19
13	OVC	018			6.00	HZ	35	27	32	73	5	31	29.41	30.32	13	CLR	NC			5.00	HZ	41	34	38	76	6	03	29.21	30.12
16	OVC	022			6.00	HZ	36	27	33	70	0	00	29.40	30.32	16	CLR	NC			10.00		46	31	40	56	10	07	29.14	30.05
19	OVC	022			10.00		35	27	32	73	3	04	29.44	30.35	19	CLR	NC			10.00		42	29	37	60	6	07	29.14	30.05
22	OVC	022			10.00		34	27	31	76	3	03	29.44	30.36	22	OVC	050			10.00		41	30	36	65	8	07	29.10	30.02
SUNRISE: 0740							DEC 15							SUNSET: 1711															
01	OVC	024			10.00		33	26	30	75	5	VR	29.40	30.32	01	OVC	065			6.00	-RA BR	38	35	37	89	5	04	29.13	30.04
04	CLR	NC			10.00		31	26	29	82	6	04	29.31	30.23	04	OVC	095			5.00	BR	38	37	38	96	5	10	29.09	30.00
07	FEW	110			10.00		31	25	29	78	9	05	29.25	30.16	07	OVC	065			8.00		43	41	42	93	3	10	29.10	30.01
10	OVC	080			9.00		33	26	30	75	9	07	29.25	30.16	10	OVC	039			10.00		44	42	43	93	3	11	29.16	30.06
13	BKN	085			9.00		35	28	32	76	7	08	29.10	30.02	13	OVC	032			10.00		48	41	45	77	7	13	29.15	30.05
16	BKN	080			10.00		38	31	35	76	7	05	28.95	29.86	16	OVC	070			10.00		51	41	46	69	5	11	29.15	30.06
19	OVC	050			5.00	-RA BR	37	33	35	86	6	33	28.91	29.82	19	FEW	070			10.00		45	38	42	77	6	09	29.20	30.11
22	OVC	055			5.00	BR	37	35	36	93	3	13	28.84	29.74	22	OVC	060			10.00		46	38	42	74	3	13	29.24	30.14
SUNRISE: 0741							DEC 16							SUNSET: 1711															
01	BKN	095			10.00		43	40	42	89	11	12	28.58	29.47	01	BKN	055			10.00		45	36	41	71	6	13	29.25	30.16
04	OVC	085			10.00	-RA	44	42	43	93	6	16	28.48	29.36	04	CLR	NC			10.00		40	33	37	76	0	00	29.29	30.19
07	OVC	055			10.00	-RA	40	34	37	79	17	25	28.59	29.48	07	CLR	NC			10.00		38	33	36	82	3	10	29.28	30.19
10	OVC	015			3.00	-SN	33	27	31	79	17	27	28.72	29.62	10	CLR	NC			10.00		44	37	41	77	5	10	29.32	30.22
13	OVC	015			0.75	-SN BR	31	28	30	89	10	26	28.82	29.72	13	CLR	NC			10.00		57	42	50	57	7	14	29.24	30.14
16	OVC	019			1.25	-SN BR	30	27	29	89	10	27	28.95	29.85	16	CLR	NC			10.00		61	42	51	50	7	14	29.19	30.09
19	OVC	034			3.00	-SN BR	30	26	29	85	13	24	29.08	29.98	19	CLR	NC			10.00		54	41	48	62	6	13	29.16	30.06
22	OVC	026			10.00		29	22	27	75	7	26	29.14	30.06	22	SCT	055			10.00		51	42	47	71	6	11	29.12	30.02
SUNRISE: 0741							DEC 17							SUNSET: 1711															
01	OVC	025			10.00		28	19	25	69	8	25	29.22	30.14	01	BKN	050			10.00		54	45	49	72	7	13	29.01	29.90
04	BKN	023			10.00		24	16	22	71	9	26	29.27	30.19	04	CLR	NC			10.00		58	45	51	62	14	13	28.87	29.75
07	CLR	NC			10.00		21	15	19	78	5	24	29.33	30.25	07	OVC	075			9.00	-RA	59	50	54	72	7	22	28.83	29.71
10	OVC	015			10.00		23	17	21	78	9	25	29.39	30.32	10	OVC	060			10.00	-RA	56	52	54	87	11	22	28.85	29.73
13	OVC	019			10.00		27	20	25	75	6	22	29.39	30.31	13	OVC	028			10.00		44	34	40	68	16	24	28.98	29.86
16	FEW	025			10.00		30	20	27	66	7	21	29.39	30.31	16	CLR	NC			10.00		40	22	33	49	14	23	29.07	29.96
19	CLR	NC			10.00		28	19	25	69	0	00	29.41	30.34	19	CLR	NC			10.00		37	21	31	52	16	22	29.11	30.01
22	CLR	NC			10.00		24	19	22	81	0	00	29.43	30.36	22	CLR	NC			10.00		36	20	30	52	13	23	29.17	30.07
SUNRISE: 0742							DEC 18							SUNSET: 1712															
01	CLR	NC			6.00	BR	20	17	19	88	3	10	29.41	30.35	01	CLR	NC			10.00		34	19	29	54	10	22	29.18	30.09
04	CLR	NC			8.00		18	16	17	92	0	00	29.44	30.37	04	CLR	NC			10.00		33	18	28	54	7	22	29.19	30.10
07	CLR	NC			10.00		18	15	17	88	3	10	29.44	30.38	07	CLR	NC			10.00		32	19	28	59	7	21	29.22	30.13
10	CLR	NC			10.00		26	23	25	88	0	00	29.44	30.37	10	CLR	NC			10.00		35	21	30	57	16	23	29.26	30.18
13	CLR	NC			10.00		39	26	34	60	7	18	29.37	30.29	13	CLR	NC			10.00		41	22	34	47	9	23	29.23	30.14
16	CLR	NC			10.00		41	25	35	53	7	18	29.31	30.23	16	CLR	NC			10.00		43	23	35	45	7	25	29.23	30.14
19	SCT	120			10.00		39	24	33	55	3	14	29.27	30.19	19	CLR	NC			10.00		39	22	33	51	0	00	29.26	30.18
22	FEW	090			10.00		37	24	32	59	3	19	29.24	30.16	22	CLR	NC			10.00		35	23	31	62	3	21	29.30	30.21

OBSERVATIONS AT 3-HOURLY INTERVALS

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 Okta		DRY BULB	DEW POINT	WET BULB		STATION	SEA LEVEL								
SUNRISE: 0745 DEC 25 SUNSET: 1715						01	CLR	NC			10.00	33	23	29	67	0	00	29.34	30.25
04	CLR	NC			10.00	27	22	25	81	3	16	29.36	30.27						
07	CLR	NC			10.00	25	22	24	88	0	00	29.39	30.31						
10	CLR	NC			10.00	32	26	30	79	0	00	29.41	30.34						
13	CLR	NC			10.00	45	23	36	42	3	23	29.36	30.27						
16	CLR	NC			10.00	47	22	37	37	0	00	29.32	30.24						
19	CLR	NC			10.00	40	22	33	49	3	05	29.31	30.23						
22	BKN	085			10.00	36	23	31	59	0	00	29.26	30.17						
SUNRISE: 0746 DEC 26 SUNSET: 1716						01	OVC	110			10.00	32	25	29	75	0	00	29.25	30.16
04	OVC	100			10.00	34	27	31	76	0	00	29.20	30.11						
07	OVC	100			10.00	35	28	32	76	7	33	29.21	30.12						
10	BKN	100			10.00	39	27	34	62	5	09	29.21	30.12						
13	CLR	NC			10.00	50	27	40	41	0	00	29.12	30.03						
16	CLR	NC			10.00	52	28	42	40	5	35	29.05	29.96						
19	CLR	NC			10.00	46	26	38	46	5	35	29.04	29.93						
22	CLR	NC			10.00	40	28	35	62	3	07	29.04	29.93						
SUNRISE: 0746 DEC 27 SUNSET: 1717						01	CLR	NC			10.00	39	29	35	67	0	00	28.95	29.85
04	OVC	039			10.00	40	34	37	79	5	18	29.00	29.89						
07	OVC	031			9.00	41	34	38	76	5	22	29.04	29.93						
10	OVC	032			10.00	44	42	43	93	5	24	29.12	30.03						
13	OVC	055			10.00	48	39	44	71	5	27	29.15	30.05						
16	BKN	044			10.00	47	37	42	68	7	30	29.21	30.11						
19	OVC	040			10.00	44	36	40	74	0	00	29.26	30.17						
22	OVC	040			10.00	42	35	39	76	5	05	29.28	30.19						
SUNRISE: 0746 DEC 28 SUNSET: 1717						01	CLR	NC			10.00	39	34	37	82	5	06	29.28	30.18
04	CLR	NC			10.00	37	33	35	86	6	07	29.26	30.17						
07	BKN	042			10.00	38	33	36	82	6	06	29.24	30.15						
10	CLR	NC			10.00	39	34	37	82	8	08	29.18	30.09						
13	OVC	075			5.00	40	38	39	93	7	11	29.09	30.00						
16	OVC	075			2.50	46	45	46	96	5	11	29.00	29.90						
19	OVC	060			10.00	55	51	53	86	13	20	28.93	29.82						
22	OVC	035			10.00	53	49	51	86	16	27	29.04	29.93						
SUNRISE: 0747 DEC 29 SUNSET: 1718						01	OVC	041			10.00	48	40	44	74	9	29	29.10	30.01
04	OVC	042			10.00	43	36	40	76	5	24	29.17	30.07						
07	BKN	040			10.00	42	34	39	73	5	24	29.19	30.09						
10	FEW	032			10.00	42	34	39	73	6	24	29.22	30.12						
13	BKN	029			10.00	44	32	39	63	6	26	29.19	30.09						
16	FEW	036			10.00	45	31	39	58	8	28	29.19	30.10						
19	CLR	NC			10.00	40	29	36	65	3	31	29.20	30.11						
22	CLR	NC			10.00	34	29	32	82	3	32	29.24	30.15						
SUNRISE: 0747 DEC 30 SUNSET: 1719						01	CLR	NC			10.00	33	30	32	89	0	00	29.22	30.14
04	CLR	NC			5.00	31	29	30	92	0	00	29.19	30.10						
07	CLR	NC			9.00	31	28	30	89	3	06	29.14	30.05						
10	OVC	100			5.00	32	30	31	92	0	00	29.13	30.04						
13	OVC	085			10.00	36	32	34	85	0	00	29.02	29.93						
16	OVC	085			10.00	38	32	36	79	0	00	28.95	29.86						
19	FEW	120			9.00	35	32	34	89	0	00	28.96	29.87						
22	SCT	100			8.00	35	32	34	89	0	00	29.02	29.93						

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 Okta		DRY BULB	DEW POINT	WET BULB		STATION	SEA LEVEL								
SUNRISE: 0747 DEC 31 SUNSET: 1719						01	CLR	NC			7.00	33	31	32	92	0	00	29.05	29.96
04	CLR	NC			10.00	33	30	32	89	0	00	29.09	30.00						
07	CLR	NC			7.00	31	29	30	92	5	18	29.12	30.04						
10	CLR	NC			9.00	35	32	34	89	7	21	29.15	30.07						
13	CLR	NC			10.00	47	31	40	54	9	17	29.12	30.03						
16	CLR	NC			10.00	50	23	39	35	10	18	29.05	29.96						
19	CLR	NC			10.00	45	21	36	39	7	12	28.99	29.89						
22	OVC	100			10.00	46	23	37	40	8	21	28.93	29.83						

3-HOURLY OBSERVATION NOTES

Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8

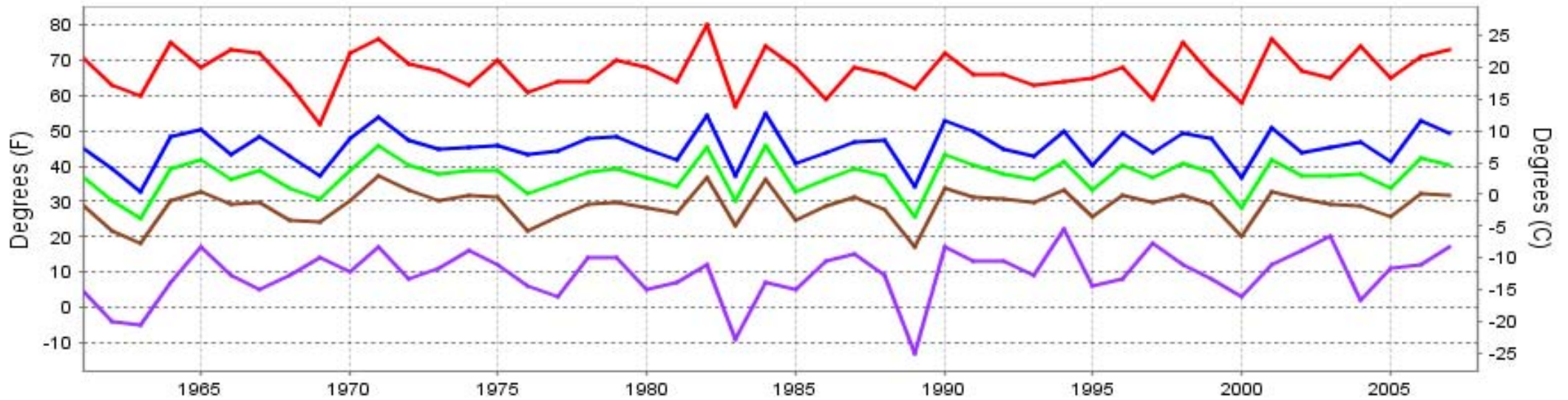
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)			
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		WIND SPEED (MPH)	DIRECTION		
						STATION	SEA LEVEL	VISIBILITY (Miles)				
01			38	31	36	77	29.20	30.11	8.81	5	1	21
02			38	31	35	78	29.19	30.10	8.38	5	2	22
03			37	31	35	79	29.20	30.10	8.23	5	2	22
04			37	31	35	81	29.19	30.10	8.32	4	1	21
05			37	31	35	80	29.19	30.09	7.85	5	2	22
06			37	31	35	81	29.19	30.10	8.25	5	3	25
07			36	31	34	82	29.20	30.11	7.75	5	2	24
08			36	31	34	83	29.21	30.12	7.56	6	2	24
09			37	32	35	83	29.22	30.13	7.23	5	2	23
10			38	32	36	81	29.23	30.14	7.97	6	2	24
11			40	33	37	78	29.24	30.15	8.30	5	4	25
12			41	33	38	75	29.22	30.13	8.15	6	4	25
13			42	33	39	72	29.20	30.11	8.14	6	2	24
14			44	34	40	70	29.19	30.09	8.10	6	3	25
15			44	33	40	68	29.18	30.09	8.20	7	3	25
16			44	33	40	66	29.18	30.09	8.31	7	2	24
17			44	32	39	66	29.19	30.09	8.71	6	1	22
18			43	32	38	69	29.19	30.10	9.04	5	1	20
19			42	32	38	70	29.19	30.10	8.67	5	1	19
20			42	32	38	71	29.20	30.11	9.01	5	1	21
21			41	32	37	73	29.20	30.11	8.97	5	2	23
22			40	32	37	75	29.20	30.11	9.07	5	2	23
23			39	32	37	76	29.20	30.10	8.90	5	1	22
24			39	32	36	76	29.19	30.10	8.68	5	2	23

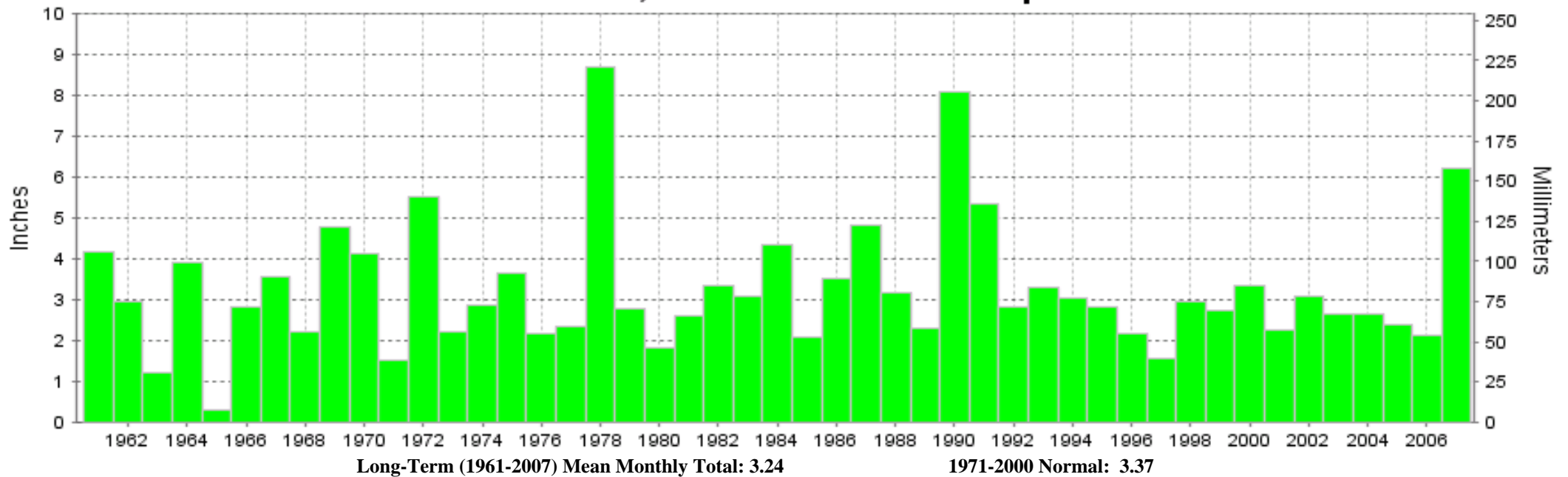
HUNTINGTON, WV DECEMBER Temperatures



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

Long-Term (1961-2007) Mean: 37.2
1971-2000 Normal: 37.1

HUNTINGTON, WV DECEMBER Precipitation



Long-Term (1961-2007) Mean Monthly Total: 3.24

1971-2000 Normal: 3.37



**DECEMBER 2007
HUNTINGTON, WV**

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

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Thomas R. Karl
DIRECTOR

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