



SEPTEMBER 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	1300 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC		2-MIN			
20	21	22	23	24																				
01	67	58	63	-8	59	61	2	0	RA BR	0		0.0	1.20	29.13	30.02	7.1	05	7.5	18	04	13	04	01	
02	66	58	62	-9	56	58	3	0	RA BR HZ	0		0.0	T	29.15	30.03	2.3	04	3.2	12	35	9	36	02	
03	72	59	66	-5	57	60	0	1	RA BR HZ	0		0.0	T	29.21	30.11	1.9	34	3.1	15	01	12	36	03	
04	75	57	66	-4	57	61	0	1	RA BR HZ	0		0.0	0.01	29.20	30.08	5.0	04	5.7	14	35	12	04	04	
05	72	61	67	-3	62	63	0	2	TS TSRA RA FG BR	0		0.0	0.60	29.13	30.01	2.0	10	2.8	17	32	13	32	05	
06	75	58	67	-3	60	62	0	2	RA FG+ BR HZ	0		0.0	T	29.15	30.05	1.4	33	2.3	10	29	8	34	06	
07	79	54	67	-3	57	60	0	2	FG+ FG BR	0		0.0	0.00	29.18	30.07	0.1	02	0.8	9	34	8	36	07	
08	80	56	68	-1	59	62	0	3	FG+ FG BR HZ	0		0.0	0.00	29.18	30.07	0.6	17	1.1	9	18	7	19	08	
09	83	56	70	1	60	63	0	5	FG+ FG BR HZ	0		0.0	0.00	29.18	30.07	1.0	09	1.7	9	21	7	10	09	
10	81	59	70	1	61	64	0	5	FG+ FG BR HZ	0		0.0	0.00	29.21	30.10	1.3	06	2.2	9	06	8	06	10	
11	80	61	71	2	63	65	0	6	FG BR HZ	0		0.0	0.00	29.24	30.12	2.2	14	3.7	20	16	16	17	11	
12	77	63	70	2	63	65	0	5	RA FG BR HZ	0		0.0	0.55	29.16	30.03	2.1	16	3.5	17	16	14	18	12	
13	71	58	65	-3	61	62	0	0	RA BR	0		0.0	0.86	28.98	29.86	5.4	19	6.3	15	25	12	24	13	
14	70	54	62	-6	57	58	3	0	FG+ FG BR HZ	0		0.0	0.00	29.08	29.98	2.5	19	3.1	9	19	8	20	14	
15	75	56	66	-1	59	61	0	1	FG+ FG BR HZ	0		0.0	0.00	29.20	30.10	1.3	02	2.1	10	35	8	36	15	
16	74	57	66	-1	59	60	0	1	FG+ FG BR HZ	0		0.0	0.00	29.23	30.12	1.0	12	1.8	10	07	8	08	16	
17	82	55	69	2	59	62	0	4	FG+ BR	0		0.0	0.00	29.10	29.97	1.5	18	2.7	14	21	10	19	17	
18	84*	56	70	4	63	65	0	5	RA FG+ FG BR HZ	0		0.0	0.46	28.95	29.81	3.9	20	6.7	28	26	22	26	18	
19	71	57	64	-2	54	58	1	0	RA BR	0		0.0	0.02	28.98	29.88	5.2	28	6.9	20	32	15	30	19	
20	58	46	52*	-13	44	49	13	0	BR	0		0.0	0.00	29.11	30.02	3.8	28	5.2	15	27	12	30	20	
21	66	40*	53	-12	45	49	12	0	FG+ FG BR	0		0.0	0.00	29.19	30.08	1.4	08	2.4	14	09	10	10	21	
22	69	52	61	-4	56	57	4	0	TSRA RA BR	0		0.0	0.96	29.08	29.96	4.0	14	4.5	21	14	16	13	22	
23	77	65	71*	7	64	66	0	6	TS TSRA RA BR	0		0.0	1.56	29.00	29.86	8.4	18	9.4	29	28	22	32	23	
24	74	62	68	4	59	62	0	3	RA BR	0		0.0	0.35	28.95	29.84	6.6	24	8.0	21	26	15	26	24	
25	69	52	61	-3	49	54	4	0		0		0.0	0.00	29.10	30.00	3.2	27	5.4	15	23	12	25	25	
26	72	49	61	-3	50	54	4	0	BR	0		0.0	0.00	29.15	30.04	3.2	20	3.7	13	22	12	23	26	
27	76	47	62	-2	52	56	3	0	BR	0		0.0	0.00	29.03	29.90	4.5	19	5.2	21	20	15	18	27	
28	64	50	57	-6	53	54	8	0	TS TSRA RA BR	0		0.0	0.91	28.91	29.81	3.8	24	5.6	22	30	15	25	28	
29	60	45	53	-9	44	47	12	0	BR	0		0.0	0.00	29.09	30.00	3.1	23	4.8	15	27	12	25	29	
30	71	46	59	-3	50	53	6	0	TS RA BR	0		0.0	0.22	29.06	29.95	5.9	19	7.2	39*	23	29*	23	30	

73.0	54.9	64.0	☼	56.4	59.0	2.5	1.7	< MONTHLY AVERAGES TOTALS >				0.0	7.70	29.11	30.00	1.1	19	4.3	< MONTHLY AVERAGES			
-4.0	-1.9	-2.9		----- DEPARTURE FROM NORMAL -----								4.90	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 2.10 DATE : 22-23				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY								GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.19				16 1019						
SEASON TO DATE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.72				18 1551						
TOTAL DEPARTURE				TOTAL DEPARTURE				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 12						
HEATING : 75 20				75 16				THUNDERSTORMS : 5		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 10								
COOLING : 52 -76				1153 63								HEAVY FOG : 11		SNOWFALL >= 1.0 INCH : 0								

SEPTEMBER 2006
 HUNTINGTON, WV

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)
 SEPTEMBER 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	0.18	0.09	0.09	0.12	0.16	0.04	0.05	0.24	0.04	0.08	0.01	0.06	01	T				0.01	0.01					01	1.20	1.20		
02	T		T										02		0.01							T	0.02	02	0.01*	T		
03							T		T	T			03		0.01									03	0.01*	T		
04													04							T	T	0.01	T	04	0.01	0.01		
05		0.04	0.07	0.06	0.04	0.03	0.01	0.01	0.02	T	T		05			T			T	0.32				05	0.60	0.60		
06												T	06											06	T	T		
07													07											07	0.00	0.00		
08													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			T	T	0.19	0.02	0.05	0.01	0.08	0.04	0.07	0.09	12	0.55	0.55
13	0.06	0.17	0.11	T		T	0.07	0.06	T	0.01	T	T	13		0.19	0.14	0.05	T	0.05	0.01	0.08	0.04	0.07	0.09	13	0.86	0.86	
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				0.32	0.09	0.02	T			0.01	0.02	18	0.46	0.46	
19													19												19	0.02	0.02	
20	0.02												20												20	0.00	0.00	
21													21												21	0.00	0.00	
22										T	0.15	0.29	22	0.19	0.02	0.04	0.13	0.11	T				0.03	22	0.96	0.96		
23	0.08	0.02	0.55	0.11	0.15	0.07	0.06	0.07	0.02	0.01		T	23	T	T	T			0.28	0.09	0.02	0.03		23	1.56	1.56		
24			0.01	0.18	0.01	0.04	0.05	T	0.02	0.03	0.01	T	24											24	0.35	0.35		
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28				0.03	0.09	0.01	T		0.24	0.12	0.03	0.10	28	0.01	T	T	T	T	0.14	T	0.14	T		28	0.91	0.91		
29													29												29	0.00	0.00	
30	0.01	0.01	0.05	T	T	T	T	T	T				30			0.04	0.01	0.04	0.03	0.03	T			30	0.22	0.22		

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hr/Min)												

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

HUNTINGTON, WV SEPTEMBER 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							1.00	10.00	
02							3.00	10.00	
03							4.00	10.00	
04							2.00	10.00	
05							0.50	10.00	
06							0.25	10.00	
07							0.00	10.00	
08							0.00	10.00	
09							0.00	10.00	
10							0.00	10.00	
11							1.00	9.00	
12							0.75	5.00	
13							0.75	10.00	
14							0.25	8.00	
15							0.25	10.00	
16							0.00	10.00	
17							0.00	10.00	
18							0.25	10.00	
19							6.00	10.00	
20							4.00	10.00	
21							0.00	10.00	
22							1.00	10.00	
23							2.50	10.00	
24							2.00	10.00	
25							9.00	10.00	
26							5.00	10.00	
27							2.50	10.00	
28							0.75	10.00	
29							2.50	10.00	
30							0.75	10.00	
MONTHLY AVGS							1.67	9.73	
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		
11			25				1		

OBSERVATIONS AT 3-HOURLY INTERVALS

HUNTINGTON, WV
SEPTEMBER 2006 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0619 SEP 25 SUNSET: 1820														
01	OVC	080				62	53	57	73	9	29	29.07	29.94	
04	OVC	070				59	53	56	81	6	29	29.08	29.96	
07	OVC	065				57	47	52	69	3	28	29.12	30.01	
10	CLR	NC				62	45	53	54	0	00	29.16	30.04	
13	FEW	048				67	46	56	47	10	22	29.12	30.01	
16	SCT	055				68	48	57	49	5	VR	29.09	29.97	
19	CLR	NC				62	48	54	60	3	22	29.11	30.00	
22	CLR	NC				54	52	53	93	3	20	29.16	30.05	
SUNRISE: 0620 SEP 26 SUNSET: 1819														
01	FEW	070				52	50	51	93	3	21	29.15	30.04	
04	CLR	NC				51	48	49	90	5	20	29.15	30.03	
07	CLR	NC				50	48	49	93	5	19	29.18	30.07	
10	CLR	NC				61	53	57	75	5	16	29.20	30.09	
13	SCT	065				71	47	58	43	8	20	29.17	30.06	
16	OVC	080				70	48	58	46	6	22	29.12	30.01	
19	CLR	NC				62	52	56	70	3	17	29.12	30.01	
22	CLR	NC				56	53	54	90	0	00	29.12	30.01	
SUNRISE: 0620 SEP 27 SUNSET: 1817														
01	CLR	NC				53	51	52	93	0	00	29.11	29.99	
04	CLR	NC			BR	50	48	49	93	0	00	29.08	29.97	
07	CLR	NC			BR	50	47	48	90	0	00	29.08	29.98	
10	CLR	NC				64	51	57	63	9	19	29.08	29.96	
13	CLR	NC				73	52	61	48	11	18	29.02	29.90	
16	SCT	060				74	53	62	48	9	22	28.97	29.85	
19	CLR	NC				67	55	60	66	5	17	28.94	29.82	
22	CLR	NC				64	54	58	70	3	20	28.92	29.80	
SUNRISE: 0621 SEP 28 SUNSET: 1816														
01	BKN	110				62	54	57	75	5	20	28.92	29.79	
04	OVC	080			-RA BR	59	56	57	90	7	20	28.93	29.80	
07	OVC	095				58	56	57	93	8	21	28.90	29.78	
10	OVC	060			RA BR	56	54	55	93	0	00	28.92	29.79	
13	OVC	031				56	54	55	93	6	23	28.89	29.77	
16	OVC	035				58	52	55	81	9	31	28.90	29.78	
19	CLR	NC				52	50	51	93	0	00	28.96	29.84	
22	OVC	100				51	48	49	90	6	24	29.02	29.90	
SUNRISE: 0622 SEP 29 SUNSET: 1814														
01	OVC	065				50	47	48	90	6	28	29.03	29.92	
04	BKN	095				48	46	47	93	6	23	29.05	29.94	
07	OVC	005				47	45	46	93	6	24	29.10	30.00	
10	OVC	005				48	44	46	86	8	22	29.15	30.05	
13	BKN	039				57	44	50	62	3	VR	29.14	30.03	
16	BKN	075				60	38	49	44	10	24	29.10	30.00	
19	CLR	NC				53	40	47	62	0	00	29.11	30.01	
22	CLR	NC				45	43	44	93	3	09	29.13	30.03	
SUNRISE: 0623 SEP 30 SUNSET: 1813														
01	OVC	065			-RA	47	45	46	93	5	20	29.12	30.02	
04	BKN	120				48	45	47	89	6	14	29.09	29.98	
07	OVC	075				50	46	48	86	6	15	29.08	29.97	
10	OVC	110				56	47	51	72	10	18	29.05	29.94	
13	CLR	NC				68	49	57	51	15	21	29.01	29.89	
16	OVC	075			-RA	60	53	56	78	10	24	29.04	29.93	
19	OVC	080			-RA	58	56	57	93	5	21	29.05	29.94	
22	BKN	060			TS BR	56	55	55	96	3	13	29.07	29.96	

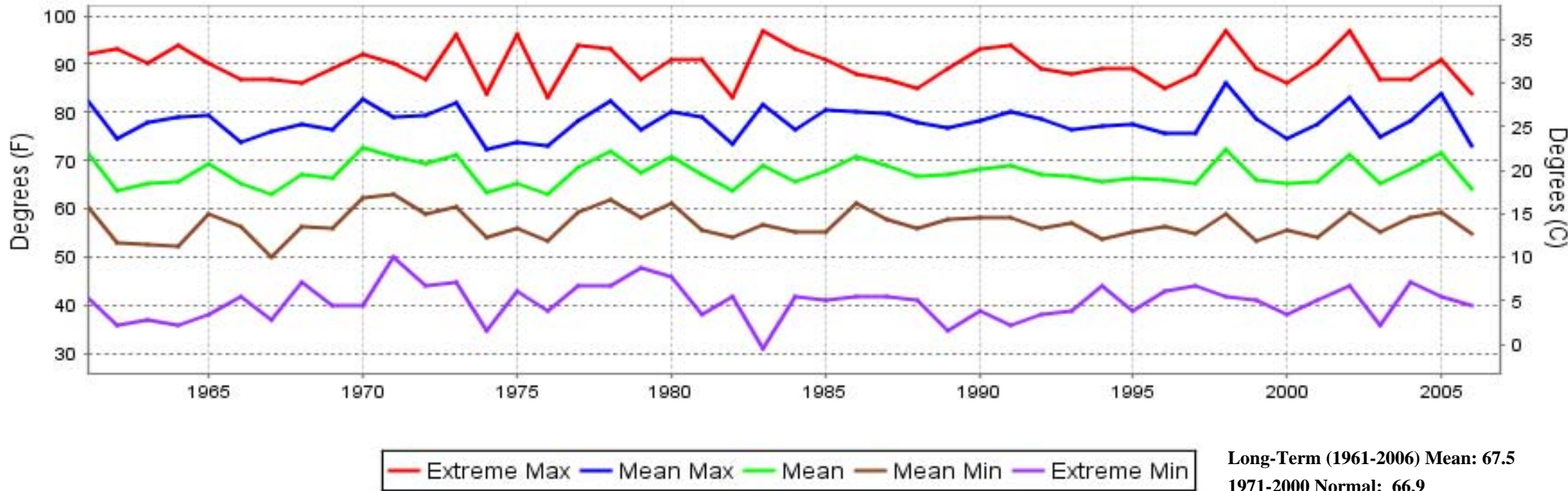
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL

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 contained additional weather elements.
 See page 3 for additional notes.

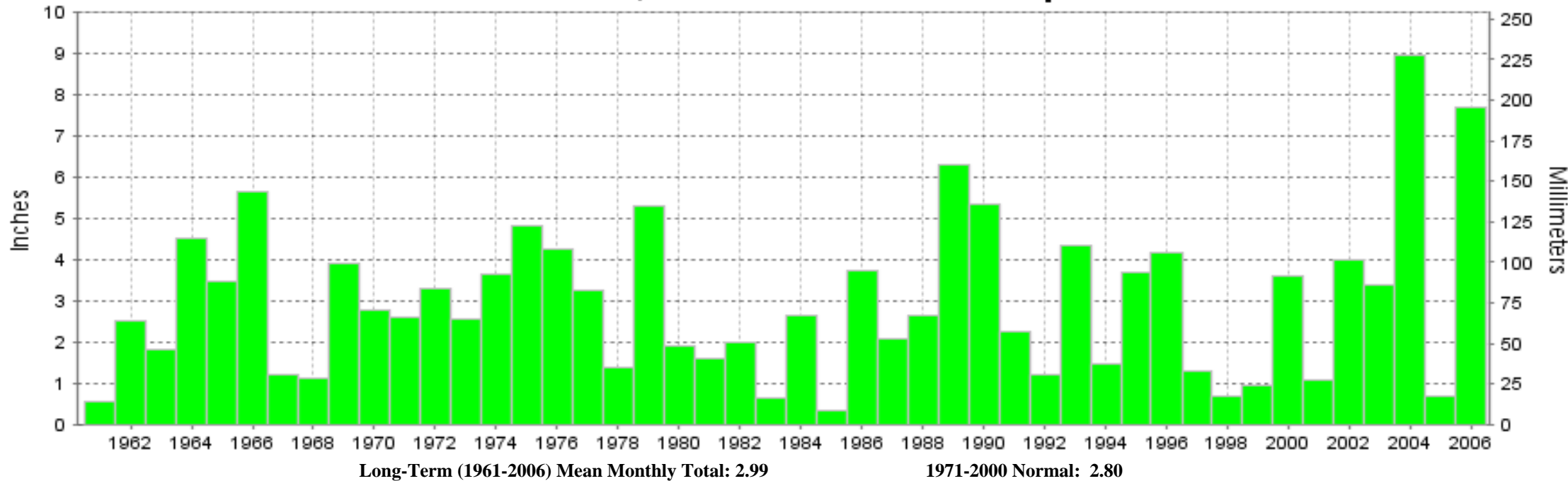
SUMMARY BY HOUR

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			59	56	57	90	29.11	29.99	5.49	3	1	24
02			59	56	57	90	29.11	29.99	4.68	4	1	24
03			58	56	57	91	29.11	29.99	4.91	4	1	14
04			58	55	56	91	29.11	29.99	4.51	4	1	12
05			58	55	56	91	29.11	29.99	4.58	4	0	15
06			57	55	56	91	29.12	30.00	4.62	4	0	15
07			58	55	56	91	29.13	30.02	4.20	3	1	23
08			59	56	57	89	29.14	30.03	4.81	4	0	20
09			61	56	58	86	29.15	30.03	5.43	5	1	24
10			63	57	60	81	29.15	30.03	6.79	5	1	22
11			66	57	61	75	29.15	30.03	7.39	6	2	26
12			68	57	62	69	29.14	30.02	8.00	6	1	24
13			70	57	62	65	29.12	30.01	8.90	6	2	26
14			71	57	62	63	29.11	29.99	9.07	7	0	16
15			71	56	62	61	29.09	29.98	8.89	6	1	25
16			71	56	62	62	29.09	29.97	8.60	6	2	26
17			70	56	62	65	29.09	29.97	8.28	5	1	25
18			68	57	62	71	29.09	29.97	8.13	3	1	17
19			65	57	61	77	29.09	29.98	8.39	3	0	20
20			63	58	60	83	29.10	29.99	7.83	3	0	18
21			62	57	59	86	29.11	29.99	7.31	3	1	23
22			61	57	59	88	29.11	30.00	6.13	3	1	21
23			60	56	58	89	29.12	30.00	5.59	3	1	14
24			59	56	57	89	29.11	30.00	5.53	3	1	15

HUNTINGTON, WV SEPTEMBER Temperatures



HUNTINGTON, WV SEPTEMBER Precipitation

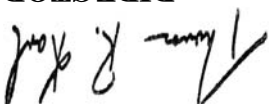




SEPTEMBER 2006
HUNTINGTON, WV

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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