

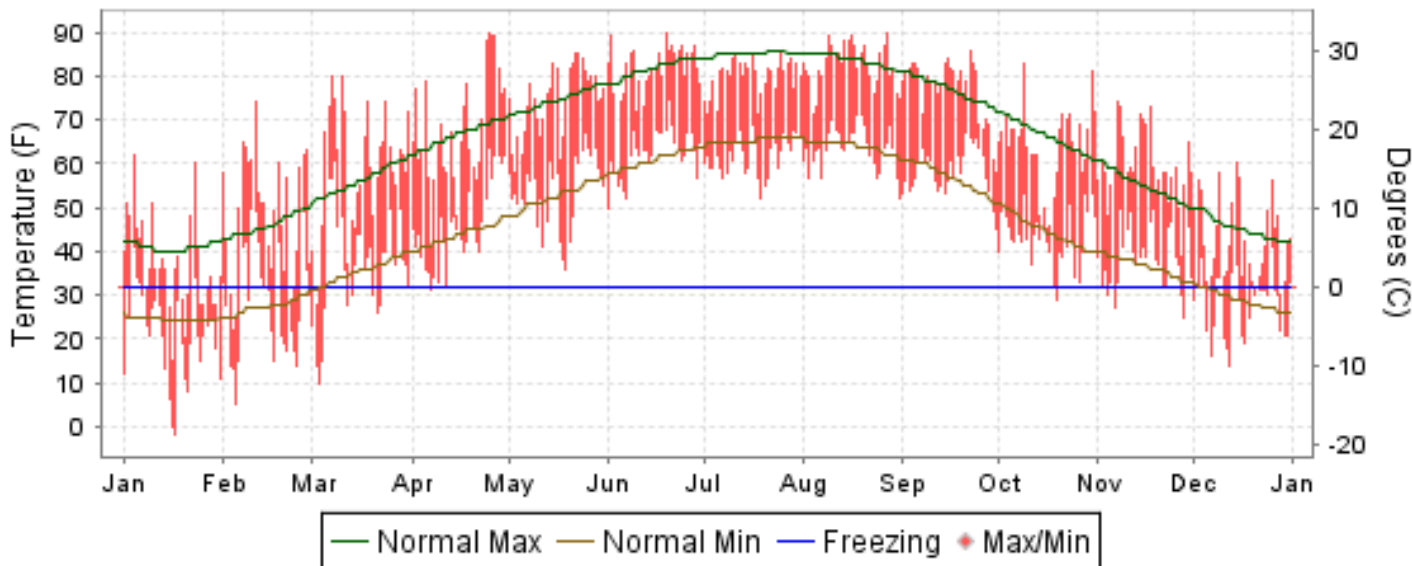


# 2009 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

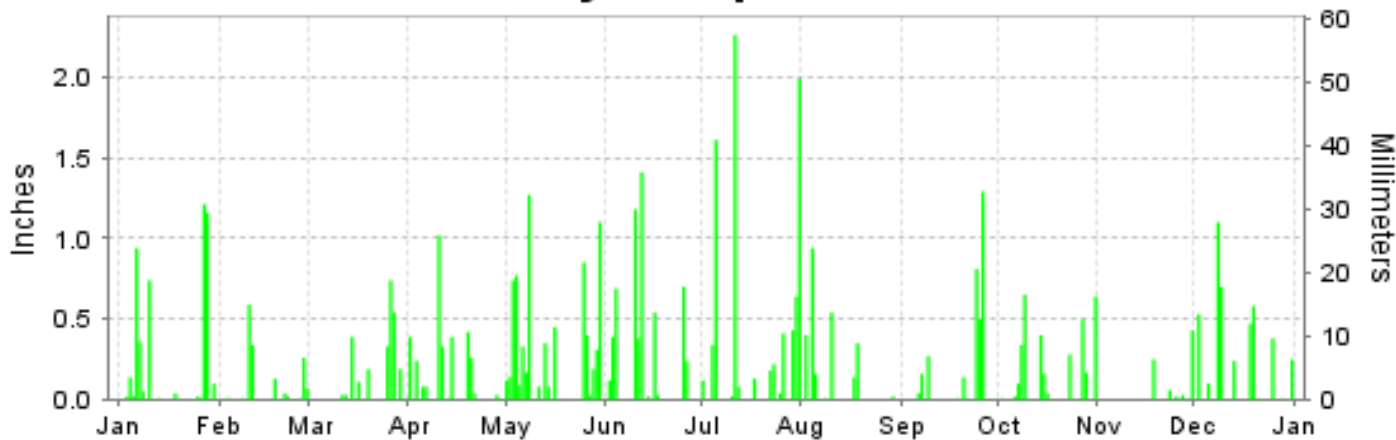
ISSN 0198-5647

## HUNTINGTON, WEST VIRGINIA (KHTS)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2009

## HUNTINGTON (KHTS)

LATITUDE: 38° 22'N      LONGITUDE: -82° 33'W      ELEVATION (FT): GRND: 824    BARO: 825      TIME ZONE: EASTERN (UTC -5)      WBAN: 03860

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	37.3	48.3	59.1	67.9	74.4	81.3	79.9	82.6	77.4	64.1	59.6	42.7	64.6	
	HIGHEST DAILY MAXIMUM	62	74	80	90	85	90	85	90	86	83	74	60	90	
	DATE OF OCCURRENCE	04	11	10+	25	23+	19	25+	27	22	09	07	14	AUG 27	
	MEAN DAILY MINIMUM	21.0	28.1	36.8	45.8	53.8	62.6	61.8	63.6	58.4	43.0	38.4	27.8	45.1	
	LOWEST DAILY MINIMUM	-2	5	10	31	36	50	52	52	45	29	25	14	-2	
	DATE OF OCCURRENCE	17	05	03	07	19	01	19	31	30	19	28	12	JAN 17	
	AVERAGE DRY BULB	29.2	38.2	48.0	56.9	64.1	72.0	70.9	73.1	67.9	53.6	49.0	35.3	54.9	
	MEAN WET BULB	27.2	35.5	41.6	48.7	57.8	66.0	65.4	67.6	62.2	48.9	43.2	32.0	44.2	
	MEAN DEW POINT	21.8	25.5	33.0	40.2	53.0	62.9	62.7	65.0	59.1	44.9	36.6	26.1	44.2	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	1	0	1	0	1	0	0	0	0	0	3
	MAXIMUM <= 32°	11	5	2	0	0	0	0	0	0	0	0	2	20	
MINIMUM <= 32°	27	18	11	2	0	0	0	0	0	2	7	24	91		
MINIMUM <= 0°	2	0	0	0	0	0	0	0	0	0	0	0	2		
H/C	HEATING DEGREE DAYS	1102	743	529	290	101	8	2	1	27	354	473	914	4544	
	COOLING DEGREE DAYS	0	0	7	51	80	222	191	261	120	5	0	0	937	
RH	MEAN (PERCENT)	76	63	62	59	72	77	79	80	78	77	66	72	72	
	HOUR 01 LST	80	70	69	67	84	90	92	93	89	88	77	78	81	
	HOUR 07 LST	84	77	74	70	81	82	88	92	89	86	82	80	82	
	HOUR 13 LST	68	53	50	47	58	62	62	61	60	60	49	61	58	
	HOUR 19 LST	73	58	53	51	67	72	74	77	78	74	58	69	67	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	2	2	6	1	6	7	8	13	9	4	3	2	63	
	THUNDERSTORMS	1	1	0	1	11	10	5	3	1	1	0	1	35	
CLOUDNESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
SATELLITE (> 12,000 FT.)															
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)	29.15	29.23	29.23	29.07	29.12	29.00	29.08	29.15	29.18	29.12	29.20	29.17	29.14	
	MEAN SEA-LEVEL PRESS. (IN.)	30.04	30.14	30.14	29.96	30.00	29.87	29.96	30.03	30.06	30.02	30.11	30.09	30.04	
WINDS	RESULTANT SPEED (MPH)	2.7	3.5	0.9	2.7	0.7	1.2	1.9	1.4	0.2	1.1	0.7	1.9	1.5	
	RES. DIR. (TENS OF DEGS.)	25	25	24	24	21	23	23	23	07	23	25	24	24	
	MEAN SPEED (MPH)	5.9	7.0	6.0	6.5	4.2	4.2	3.9	3.2	3.4	4.3	4.1	5.5	4.9	
	PREVAIL.DIR.(TENS OF DEGS.)	20	20	21	20	21	20	20	20	03	20	20	25	20	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	25	36	26	30	21	25	21	20	24	20	21	37	37	
	DIR. (TENS OF DEGS.)	25	26	24	26	24	25	22	19	24	20	26	24	24	
	DATE OF OCCURRENCE	07	11	29	05	09	03	25	17	28	09	25	09	DEC 09	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	38	53	41	49	30	37	32	30	32	30	31	53	53	
DIR. (TENS OF DEGS.)	24	26	23	10	08	10	35	08	23	26	27	23	23		
DATE OF OCCURRENCE	07	11	08	30	29	25	11	31	28	31	25	09	DEC 09		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	4.83	1.49	2.56	3.29	7.47	5.70	8.47	2.56	3.23	3.33	0.79	4.37	48.09	
	GREATEST 24-HOUR (IN.)	2.96	0.59	0.81	1.35	1.27	1.49	2.63	0.94	1.67	0.69	0.43	1.10	2.96	
	DATE OF OCCURRENCE	05-06	10	25-26	10-11	08	10-11	30-31	04	25-26	08-09	30	08	JAN 05-06	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	15	11	10	12	18	11	14	8	9	14	5	11	138	
PRECIPITATION 0.10	7	4	7	7	14	9	11	6	6	9	2	9	91		
PRECIPITATION 1.00	2	0	0	1	2	2	3	0	1	0	0	1	12		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	9.8	2.7	T	T	T	0.0	0.0	0.0	T	0.0	T	7.5	20.0	
	GREATEST 24-HOUR (IN.)	4.5	2.3	T	T	T	0.0	0.0	0.0	T	0.0	T	5.3	5.3	
	DATE OF OCCURRENCE	27	03	13+	07+	30				09		27	19	DEC 19	
	MAXIMUM SNOW DEPTH (IN.)	4	3	0	0	0	0	0	0	0	0	0	5	5	
	DATE OF OCCURRENCE	28+	04										21+	DEC 21+	
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	3	1	0	0	0	0	0	0	0	0	0	1	5		

# NORMALS, MEANS, AND EXTREMES HUNTINGTON (KHTS)

LATITUDE:  
38 ° 22'N

LONGITUDE:  
-82 ° 33'W

ELEVATION (FT):  
GRND: 824 BARO: 825

TIME ZONE:  
EASTERN (UTC -5)

WBAN: 03860

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	41.0	46.1	56.3	66.6	74.6	81.7	85.1	83.7	77.0	66.4	55.1	45.3	64.9
	MEAN DAILY MAXIMUM	49	41.3	45.4	56.4	67.3	75.3	82.3	85.5	84.6	78.3	67.6	56.0	45.5	65.5
	HIGHEST DAILY MAXIMUM	49	78	79	86	92	93	100	102	103	97	93	83	80	103
	YEAR OF OCCURRENCE		2002	1977	1989	1985	1991	1988	1988	2007	2002	2007	2004	1982	AUG 2007
	MEAN OF EXTREME MAXS.	49	65.4	69.0	79.2	85.3	88.2	91.7	93.7	93.4	89.8	82.8	76.1	67.0	81.8
	NORMAL DAILY MINIMUM	30	24.5	27.5	35.5	43.7	52.6	60.9	65.4	64.1	56.8	44.8	36.6	28.9	45.1
	MEAN DAILY MINIMUM	49	24.5	27.0	35.4	44.3	52.6	60.8	65.3	64.1	56.9	45.0	36.9	28.8	45.1
	LOWEST DAILY MINIMUM	49	-21	-9	-2	20	27	40	46	43	31	16	8	-13	-21
	YEAR OF OCCURRENCE		1994	1996	1980	1985	1966	1977	1968	1986	1983	1962	1964	1989	JAN 1994
	MEAN OF EXTREME MINS.	49	2.4	7.1	17.2	27.4	36.3	47.3	53.8	53.0	41.1	28.7	20.1	9.4	28.7
	NORMAL DRY BULB	30	32.7	36.8	45.9	55.2	63.6	71.3	75.3	73.9	66.9	55.6	45.9	37.1	55.0
	MEAN DRY BULB	49	32.9	36.2	45.9	55.8	63.9	71.7	75.4	74.4	67.6	56.3	46.5	37.2	55.3
	MEAN WET BULB	26	30.2	33.4	38.9	47.6	57.0	65.2	68.6	67.6	61.0	50.2	40.9	33.0	49.5
	MEAN DEW POINT	26	26.2	27.6	33.5	42.0	53.9	62.7	66.5	65.5	58.6	46.8	36.7	29.0	45.8
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.0	0.0	0.1	0.5	4.0	8.3	6.7	1.6	0.0	0.0	0.0	21.2
	MAXIMUM <= 32	30	8.0	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.2	18.2
MINIMUM <= 32	30	23.1	19.1	12.9	3.5	0.1	0.0	0.0	0.0	*	2.8	11.1	19.2	91.8	
MINIMUM <= 0	30	1.0	0.1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	
H/C	NORMAL HEATING DEG. DAYS	30	991	796	596	308	116	14	2	2	55	294	560	849	4583
	NORMAL COOLING DEG. DAYS	30	0	0	8	25	82	216	337	294	128	18	3	0	1111
RH	NORMAL (PERCENT)	30	71	67	62	59	69	74	76	77	77	72	68	70	70
	HOURLY 01 LST	30	74	71	67	66	80	86	89	90	89	83	73	74	79
	HOURLY 07 LST	30	78	77	75	76	85	88	90	92	92	88	79	78	83
	HOURLY 13 LST	30	66	61	54	48	54	58	60	60	60	55	58	64	58
	HOURLY 19 LST	30	65	59	52	48	57	63	66	67	69	62	61	65	61
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI)	46	2.4	2.6	2.0	1.4	4.6	6.1	9.0	10.6	9.7	5.6	2.7	2.6	59.3
	THUNDERSTORMS	48	0.4	0.7	2.6	3.9	6.1	7.2	8.3	6.5	2.3	1.0	0.8	0.3	40.1
CLOUDNESS	MEAN: SUNRISE-SUNSET (OKTAS)	35	6.2	6.2	5.9	5.6	5.5	5.4	5.4	5.2	5.0	4.7	5.8	6.1	5.6
	MIDNIGHT-MIDNIGHT (OKTAS)	32	6.0	5.8	5.6	5.3	5.2	5.0	5.0	4.9	4.6	4.4	5.3	5.8	5.2
	MEAN NO. DAYS WITH: CLEAR	35	4.4	4.3	4.7	5.3	5.7	4.7	4.5	4.7	6.7	8.9	4.8	4.6	63.3
	PARTLY CLOUDY	35	5.9	5.3	6.8	7.7	8.7	11.2	11.9	12.2	9.5	8.0	6.2	5.1	98.5
	CLOUDY	35	20.7	18.7	19.5	16.9	16.6	14.1	13.8	13.4	13.8	14.1	18.9	21.4	201.9
PR	MEAN STATION PRESSURE(IN)	26	29.21	29.19	29.13	29.09	29.10	29.10	29.13	29.15	29.18	29.20	29.21	29.22	29.16
	MEAN SEA-LEVEL PRES. (IN)	25	30.12	30.10	30.06	29.98	29.99	29.98	30.00	30.03	30.06	30.09	30.11	30.13	30.05
WINDS	MEAN SPEED (MPH)	26	7.2	7.0	7.2	7.1	5.8	5.3	5.0	4.6	4.8	5.3	6.4	6.6	6.0
	PREVAIL.DIR.(TENS OF DEGS)	41	25	25	23	25	22	22	23	21	23	21	21	25	23
	MAXIMUM 2-MINUTE: SPEED (MPH)	13	43	36	36	36	36	37	37	34	31	38	33	37	43
	DIR. (TENS OF DEGS)		26	26	26	25	25	30	23	29	24	30	27	24	26
	YEAR OF OCCURRENCE		2000	2009	2002	2006	1997	2004	2003	2000	2008	1999	2000	2009	JAN 2000
	MAXIMUM 3-SECOND SPEED (MPH)	13	52	53	62	54	56	51	51	47	48	60	45	53	62
	DIR. (TENS OF DEGS)		25	26	25	20	23	30	34	29	21	29	26	23	25
YEAR OF OCCURRENCE		2000	2009	2002	2006	2003	2004	2008	2000	2008	1999	2000	2009	MAR 2002	
PRECIPITATION	NORMAL (IN)	30	3.21	3.09	3.83	3.33	4.41	3.88	4.46	3.88	2.80	2.73	3.32	3.37	42.31
	MAXIMUM MONTHLY (IN)	49	6.37	8.67	8.88	6.79	9.67	7.63	8.57	6.93	8.95	6.38	7.78	8.69	9.67
	YEAR OF OCCURRENCE		1978	1989	2002	1998	2003	1979	1962	1989	2004	2006	2003	1978	MAY 2003
	MINIMUM MONTHLY (IN)	49	0.64	0.53	1.12	0.74	0.93	0.41	1.37	0.68	0.11	T	0.73	0.31	T
	YEAR OF OCCURRENCE		1981	1968	1966	1976	1965	1966	1974	1962	2008	1963	1976	1965	OCT 1963
	MAXIMUM IN 24 HOURS (IN)	49	2.96	2.83	4.40	2.28	3.73	3.42	4.27	3.62	4.06	2.95	2.75	3.36	4.40
	YEAR OF OCCURRENCE		2009	2000	2002	2002	1990	1979	1962	1999	2004	1985	1988	1978	MAR 2002
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	14.1	12.6	13.6	12.9	13.2	11.8	11.2	9.7	8.6	9.2	11.3	12.9	141.1
PRECIPITATION >= 1.00	30	0.4	0.5	0.6	0.5	0.8	0.7	1.1	1.1	0.5	0.6	0.7	0.6	8.1	
SNOWFALL	NORMAL (IN)	30	8.9	7.5	4.7	0.8	0.*	0.0	0.0	0.0	0.0	0.1	1.1	3.1	26.2
	MAXIMUM MONTHLY (IN)	41	30.3	23.9	23.6	14.4	0.2	T	0.0	T	T	1.5	4.6	13.2	30.3
	YEAR OF OCCURRENCE		1978	1986	1993	1987	1989	1995	1995	1991	2009	1993	1987	1967	JAN 1978
	MAXIMUM IN 24 HOURS (IN)	41	11.6	11.2	21.1	8.1	0.2	T	0.0	T	T	1.5	4.4	6.7	21.1
	YEAR OF OCCURRENCE		1978	1985	1993	1987	1989	1995	1995	1991	2009	1993	1969	1967	MAR 1993
	MAXIMUM SNOW DEPTH (IN)	40	20	13	22	14	0	0	0	0	0	1	10	7	22
	YEAR OF OCCURRENCE		1978	1998	1993	1987						1993	1963	1967	MAR 1993
	NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	2.7	2.3	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	7.8

**PRECIPITATION (inches) 2009 HUNTINGTON (KHTS)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	2.46	1.71	5.04	3.11	2.64	1.95	7.94	5.91	1.89	1.57	2.96	1.82	39.00
1981	0.64	4.23	1.65	5.35	5.19	5.91	3.64	1.03	1.60	2.53	1.23	2.61	35.61
1982	4.49	2.36	4.40	1.49	6.28	4.53	3.76	4.45	2.00	1.80	4.33	3.34	43.23
1983	1.40	1.92	1.89	3.99	6.82	3.02	2.03	3.56	0.63	5.71	2.87	3.10	36.94
1984	1.82	2.09	2.45	4.46	4.45	1.75	3.37	4.66	2.67	4.87	3.85	4.36	40.80
1985	3.13	2.92	3.41	0.83	5.40	3.10	6.13	4.68	0.35	5.17	7.40	2.10	44.62
1986	1.31	3.60	1.55	0.95	3.57	3.52	5.44	3.53	3.73	1.88	6.67	3.51	39.26
1987	2.52	3.32	2.44	4.78	3.59	2.56	3.12	1.19	2.08	0.55	2.51	4.82	33.48
1988	1.96	2.42	3.01	3.10	2.02	0.77	6.88	2.69	2.65	1.91	5.52	3.17	36.10
1989	3.60	8.67	5.83	3.73	3.96	5.49	6.48	6.93	6.32	4.30	2.39	2.28	59.98
1990	3.15	3.35	2.44	3.21	8.29	4.18	4.19	3.71	5.35	3.47	2.51	8.07	51.92
1991	2.22	3.47	7.71	3.91	1.20	1.63	2.79	4.05	2.27	1.01	3.08	5.36	38.70
1992	1.67	2.32	3.78	2.85	4.97	3.15	7.93	2.54	1.19	1.08	3.18	2.83	37.49
1993	2.23	3.68	5.53	2.18	2.52	5.65	2.80	2.74	4.35	3.48	3.70	3.28	42.14
1994	5.20	4.65	8.62	3.33	3.48	2.02	4.46	5.46	1.49	1.90	2.18	3.04	45.83
1995	5.27	2.20	3.04	2.26	6.66	6.17	1.74	3.46	3.69	2.88	2.24	2.84	42.45
1996	5.66	2.10	4.61	4.52	7.55	4.40	6.37	1.96	4.18	1.89	4.58	2.19	50.01
1997	1.88	1.76	8.33	1.72	2.95	4.90	4.63	4.45	1.29	1.26	3.37	1.56	38.10
1998	3.84	4.77	1.99	6.79	4.29	6.87	3.83	3.09	0.69	2.56	2.31	2.96	43.99
1999	4.50	2.55	3.28	2.16	1.92	1.37	2.04	5.32	0.95	3.80	3.49	2.73	34.11
2000	1.92	5.40	2.71	4.16	3.56	4.04	5.06	4.52	3.62	0.64	0.95	3.34	39.92
2001	1.90	1.82	2.80	1.44	8.22	4.83	5.19	2.24	1.10	1.71	1.64	2.25	35.14
2002	2.66	0.97	8.88	5.42	4.22	3.20	3.13	1.99	3.98	5.40	3.16	3.10	46.11
2003	1.38	5.77	1.49	4.34	9.67	5.19	7.28	5.87	3.41	2.03	7.78	2.66	56.87
2004	3.51	2.52	4.07	4.92	5.06	2.94	4.00	5.86	8.95	3.04	5.94	2.64	53.45
2005	3.70	2.79	3.48	4.61	2.49	1.48	4.49	6.68	0.69	2.57	1.66	2.37	37.01
2006	3.87	0.88	3.26	4.11	1.76	5.42	6.66	4.89	7.70	6.38	2.49	2.11	49.53
2007	3.06	1.64	3.77	3.67	1.24	1.91	2.91	1.93	1.07	2.98	3.41	6.21	33.80
2008	2.85	3.52	5.44	3.32	4.92	5.32	1.83	3.51	0.11	1.71	3.02	4.41	39.96
2009	4.83	1.49	2.56	3.29	7.47	5.70	8.47	2.56	3.23	3.33	0.79	4.37	48.09
POR= 49 YRS	3.00	2.88	4.00	3.51	4.31	3.70	4.60	3.84	2.90	2.75	3.22	3.29	42.00

WBAN : 03860

**AVERAGE TEMPERATURE (°F) 2009 HUNTINGTON (KHTS)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	34.6	29.2	41.9	53.4	64.7	70.5	77.7	77.8	70.7	53.9	43.7	36.5	54.6
1981	28.2	37.1	42.7	60.5	60.8	73.6	75.6	74.1	67.2	55.2	45.4	34.2	54.6
1982	27.5	34.5	45.9	50.6	68.0	67.5	74.4	69.8	63.9	57.6	49.7	45.5	54.6
1983	34.7	37.9	48.0	52.3	60.8	71.7	78.6	79.8	69.1	57.3	46.9	30.3	55.6
1984	28.4	41.7	41.8	54.8	61.6	75.2	73.4	75.6	65.8	62.9	42.9	45.7	55.8
1985	25.9	32.1	48.5	59.6	64.9	70.2	74.3	72.1	67.9	61.0	53.3	32.6	55.2
1986	33.7	39.4	47.2	58.7	66.6	73.2	77.9	72.9	70.8	58.3	45.8	36.2	56.7
1987	33.2	37.5	47.1	53.4	68.7	73.5	76.6	77.4	68.9	51.0	49.7	39.2	56.4
1988	31.2	35.1	46.1	54.3	63.6	71.5	78.0	77.0	66.9	49.4	46.9	37.4	54.8
1989	40.7	34.6	47.6	54.1	59.9	71.4	75.6	73.8	67.3	56.4	46.3	25.6	54.4
1990	42.1	43.9	51.3	54.9	62.8	72.2	75.7	73.7	68.2	57.1	50.4	43.1	58.0
1991	35.9	40.4	48.0	60.0	71.8	75.0	78.9	76.2	69.1	59.3	44.9	40.4	58.3
1992	35.6	41.4	45.6	55.8	61.7	69.1	75.6	71.5	67.3	54.9	47.3	37.9	55.3
1993	39.3	33.7	41.7	54.3	65.2	72.2	79.4	76.7	66.8	55.2	46.6	36.3	55.6
1994	27.1	37.6	44.8	59.9	60.3	75.3	76.8	72.6	65.6	56.3	51.6	41.4	55.8
1995	34.7	34.1	47.8	56.1	62.5	72.3	77.4	79.1	66.3	57.1	41.3	33.2	55.2
1996	32.0	36.3	40.1	54.5	65.9	73.3	73.5	73.8	66.1	56.4	40.0	40.5	54.4
1997	33.5	42.1	47.0	51.1	58.7	69.6	75.1	71.4	65.2	55.9	42.7	36.8	54.1
1998	41.5	42.2	47.0	55.0	66.4	71.4	74.4	74.7	72.5	57.5	47.5	40.7	57.6
1999	37.5	39.8	40.7	58.2	65.6	74.2	80.3	74.0	66.2	55.3	49.5	38.4	56.6
2000	32.0	43.2	50.1	54.1	66.9	72.6	72.2	72.3	65.2	58.1	43.2	28.4	54.9
2001	32.1	40.3	40.5	59.7	64.5	70.7	74.3	75.3	65.8	56.5	51.4	41.8	56.1
2002	38.6	38.4	46.1	58.2	61.0	73.3	77.3	77.1	71.3	56.6	44.2	37.2	56.6
2003	28.2	33.4	48.9	58.5	63.4	68.5	73.9	74.8	65.3	56.0	50.8	37.4	54.9
2004	31.3	37.8	48.7	56.0	69.4	71.3	74.7	72.0	68.2	58.9	50.5	37.8	56.4
2005	37.7	39.9	42.2	57.8	61.2	75.8	78.9	79.4	71.6	57.5	48.3	33.5	57.0
2006	43.9	37.0	45.2	60.8	62.9	70.7	77.3	78.0	64.0	54.1	47.5	42.4	57.0
2007	37.9	27.7	51.7	53.9	67.0	74.0	74.4	79.8	71.4	61.9	46.1	40.5	57.2
2008	33.9	36.6	44.8	56.6	61.1	72.8	74.2	73.4	71.4	55.7	42.3	36.0	54.9
2009	29.2	38.2	48.0	56.9	64.1	72.0	70.9	73.1	67.9	53.6	49.0	35.3	54.9
POR= 49 YRS	32.9	36.2	45.9	55.8	63.9	71.7	75.4	74.4	67.6	56.3	46.5	37.2	55.3

**HEATING DEGREE DAYS (base 65°F) 2009 HUNTINGTON (KHTS)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1980-81	0	0	26	348	632	878	1132	777	690	183	167	0	4833
1981-82	0	0	67	307	577	947	1157	845	588	429	29	8	4954
1982-83	1	8	99	263	464	611	933	750	529	377	156	16	4207
1983-84	0	0	67	248	537	1070	1127	667	713	324	171	3	4927
1984-85	1	0	98	91	660	597	1205	918	507	206	72	18	4373
1985-86	0	0	63	164	348	1001	964	710	550	233	65	3	4101
1986-87	0	19	15	246	567	886	980	765	554	352	53	3	4440
1987-88	0	0	25	426	458	793	1043	858	584	325	104	28	4644
1988-89	0	0	38	485	538	849	744	845	548	340	213	4	4604
1989-90	0	7	70	283	557	1217	702	585	457	331	107	7	4323
1990-91	0	2	65	261	440	670	894	682	533	188	25	0	3760
1991-92	0	0	75	225	597	756	904	678	595	311	160	17	4318
1992-93	0	1	59	312	527	837	789	871	714	323	71	24	4528
1993-94	0	0	55	307	548	885	1167	762	620	199	181	1	4725
1994-95	0	2	35	271	402	722	934	858	525	280	132	2	4163
1995-96	0	0	60	255	706	981	1015	827	765	349	92	2	5052
1996-97	0	0	64	263	749	752	971	636	549	421	212	31	4648
1997-98	0	5	49	309	660	865	724	633	595	297	54	33	4224
1998-99	0	0	19	250	518	751	846	701	749	217	46	4	4101
1999-00	0	0	51	297	460	818	1013	628	461	324	49	15	4116
2000-01	0	0	100	235	648	1130	1011	687	748	240	84	16	4899
2001-02	0	0	81	281	406	712	812	738	583	254	185	1	4053
2002-03	0	0	17	299	622	852	1134	879	492	218	79	28	4620
2003-04	0	0	57	283	422	852	1040	780	508	287	44	4	4277
2004-05	0	6	25	192	433	836	839	696	697	225	147	0	4096
2005-06	0	0	10	258	499	970	646	780	611	161	132	5	4072
2006-07	0	0	75	344	521	694	833	1040	432	359	65	0	4363
2007-08	0	0	21	173	561	750	956	817	619	260	144	0	4301
2008-09	0	0	1	291	674	891	1102	743	529	290	101	8	4630
2009-	2	1	27	354	473	914							

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**COOLING DEGREE DAYS (base 65°F) 2009 HUNTINGTON (KHTS)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1980	0	0	0	10	89	190	403	401	206	11	0	0	1310
1981	0	0	3	55	45	262	334	289	140	10	0	0	1138
1982	0	0	0	7	131	88	299	162	72	42	10	11	822
1983	0	0	7	3	35	222	426	466	198	17	0	0	1374
1984	0	0	0	26	71	314	269	336	132	34	5	6	1193
1985	0	0	6	53	75	182	297	227	155	45	7	0	1047
1986	0	0	8	51	125	253	406	273	199	45	0	0	1360
1987	0	0	0	13	176	267	367	391	147	0	5	0	1366
1988	0	0	7	10	68	230	409	379	102	10	2	0	1217
1989	0	0	12	19	61	201	331	285	147	24	0	0	1080
1990	0	0	35	33	47	231	340	281	165	25	8	0	1165
1991	0	0	15	45	245	308	438	355	206	54	4	0	1670
1992	0	0	1	41	66	149	334	210	136	5	0	0	942
1993	0	0	0	6	82	249	453	371	116	10	7	0	1294
1994	0	0	1	50	43	316	374	245	59	7	5	0	1100
1995	0	0	0	22	58	228	388	444	106	16	2	0	1264
1996	0	0	0	39	127	258	275	278	101	5	4	0	1087
1997	1	3	0	9	23	175	320	210	63	35	0	0	839
1998	0	0	44	2	107	230	297	306	253	27	0	4	1270
1999	0	0	0	20	72	288	483	286	92	4	0	0	1245
2000	0	0	6	2	113	251	230	230	114	27	0	0	973
2001	0	0	0	89	75	191	295	327	110	29	3	0	1119
2002	0	0	3	55	67	257	390	382	213	44	4	0	1415
2003	0	0	3	29	39	143	282	311	73	10	3	0	893
2004	1	0	11	22	185	199	307	232	129	10	5	0	1101
2005	0	0	0	16	38	332	437	458	214	34	3	0	1532
2006	0	0	4	42	73	181	390	411	52	10	3	0	1166
2007	0	0	29	30	135	278	295	462	220	84	0	0	1533
2008	0	0	0	17	28	242	291	266	203	12	0	0	1059
2009	0	0	7	51	80	222	191	261	120	5	0	0	937

**SNOWFALL (inches) 2009 HUNTINGTON (KHTS)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1980-81	0.0	0.0	0.0	T	0.7	1.1	4.6	2.4	3.3	0.0	0.0	0.0	12.1
1981-82	0.0	0.0	0.0	0.0	T	6.4	7.6	5.1	4.2	T	0.0	0.0	23.3
1982-83	0.0	0.0	0.0	0.0	T	0.7	3.3	11.1	3.9	T	0.0	0.0	19.0
1983-84	0.0	0.0	0.0	0.0	T	2.0	11.7	8.7	2.2	0.0	0.0	0.0	24.6
1984-85	0.0	0.0	0.0	0.0	0.1	2.5	19.5	21.2	0.2	0.4	0.0	0.0	43.9
1985-86	0.0	0.0	0.0	0.0	0.0	5.8	10.4	23.9	1.5	T	0.0	0.0	41.6
1986-87	0.0	0.0	0.0	0.0	0.7	T	9.1	6.1	2.8	14.4	0.0	0.0	33.1
1987-88	0.0	0.0	0.0	T	4.6	3.7	7.6	3.4	1.9	T	0.0	0.0	21.2
1988-89	0.0	0.0	0.0	0.0	T	2.5	0.3	2.0	T	T	0.2	0.0	5.0
1989-90	0.0	0.0	0.0	T	2.7	9.9	0.8	2.9	5.3	0.7	0.0	T	22.3
1990-91	0.0	0.0	0.0	0.0	0.0	2.6	2.8	5.1	4.8	0.0	0.0	0.0	15.3
1991-92	0.0	T	0.0	0.0	0.4	0.5	2.3	0.4	4.6	3.0	T	0.0	11.2
1992-93	0.0	0.0	0.0	T	1.3	5.9	0.5	13.6	23.6	0.1	T	0.0	45.0
1993-94	0.0	0.0	0.0	1.5	T	10.7	21.6	3.0	6.8	T	0.0	0.0	43.6
1994-95	0.0	0.0	0.0	0.0	0.0	0.1	4.6	4.0	8.1	0.0	0.0	T	16.8
1995-96	0.0	0.0	0.0	T	3.8	4.7	22.4	8.3	5.1	0.5	0.0	0.0	44.8
1996-97	0.0	0.0		0.0	.2	.7	1.3	2.4	T	T	T	0.0	
1997-98	0.0	0.0	0.0	0.0	0.1	6.2	0.5	16.7					
1998-99													
1999-00													
2000-01													
2001-02													
2002-03													
2003-04													
2004-05						0.7	5.5	0.9	5.9	T	0.0	0.0	
2005-06	0.0	0.0	0.0	0.0	1.0	0.6	0.2	1.7	0.2	0.0	T	0.0	3.7
2006-07	0.0	0.0	0.0	0.0	T	0.5	1.6	7.0	T	1.6	0.0	0.0	10.7
2007-08	0.0	0.0	0.0	0.0	T	1.4	2.0						
2008-09						0.9	9.8	2.7	T	T	T	0.0	
2009-	0.0	0.0	T	0.0	T	7.5							
POR= 49 YRS	0.0	T	T	T	0.9	3.0	7.0	5.4	3.3	0.5	T	T	20.1

WBAN : 03860

**REFERENCE NOTES :**

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> <p><b>NOTE:</b> The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p>
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# 2009 HUNTINGTON WEST VIRGINIA (KHTS)

The Tri-State Airport is near the confluence of the Ohio and Big Sandy Rivers, located on a man-made plateau constructed by cutting the tops off several hills and filling intervening valleys. The elevation of the ground at the National Weather Service Office is 260 feet higher than at the Federal Building in downtown Huntington.

The temperature record for the valley locations is not compatible with that for the airport, which is generally cooler throughout the year. The summer season is moderately warm and humid, with the valley locations considerably warmer and more humid than the Tri-State Airport site. The winter months are moderately cold, with an occasional severe cold wave lasting a few days. The four seasons are nearly equal in length and autumn is the most pleasant, with warm days and cool nights.

The heaviest rainfall occurs in July and August, mostly in thunderstorms, and flash floods are common in the area. The winter rainfall occurs mostly prior to and with a frontal passage and frequently lasts from two to four days, causing frequent general flooding on all streams.

Snow seldom remains on the ground more than two days in the valleys. However, at higher elevations surrounding the airport, roads are frequently blocked for several days during the winter months.

# Station Location

## HUNTINGTON

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	Latitude		Longitude		ELEVATION ABOVE								REMARKS
				NORTH	WEST	GROUND TEMPERATURE SITE	WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET RAIN GAUGE	WEIGHING RAIN GAUGE	8 INCH RAIN GAUGE	HYGROTHERMOMETER	AUTOMATIC OBSERVING EQUIPMENT *	
*NOTE:																
<u>AIRPORT</u>																
Tri-State AP Huntington	12/1/61	09/01/96	8.4 mi. WSW of Federal Bld.	38° 22'	82° 33'	827	20		b15	13	13		4 c5		b. Added as standby 1/1/74. c. Minor adjustment & type change 11/12/84.	
Tri-state Airport	09/01/96	Present	NA	38° 23'	82° 33'	d822								s	ASOS Commissioned 09/01/96 d. Ground elevation.	

\* TYPE  
M = AMOS  
T = AUTOB  
S = ASOS  
W = AWOS

\* NOTES: For earlier station history see previous editions



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