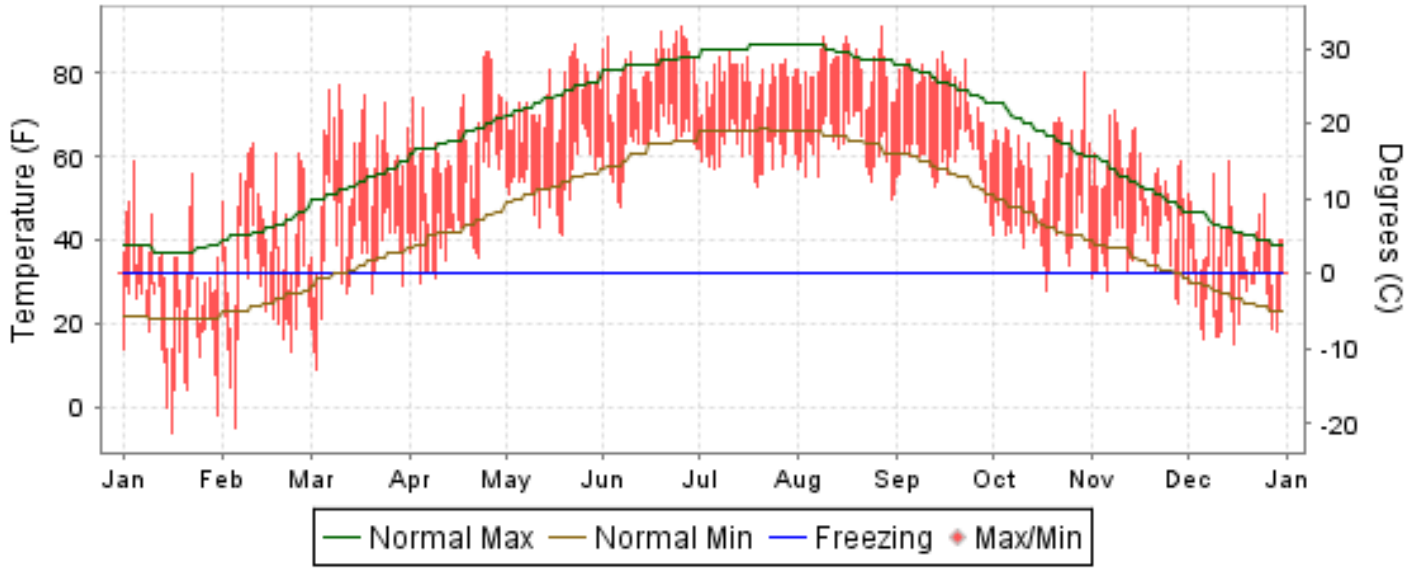
2009
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

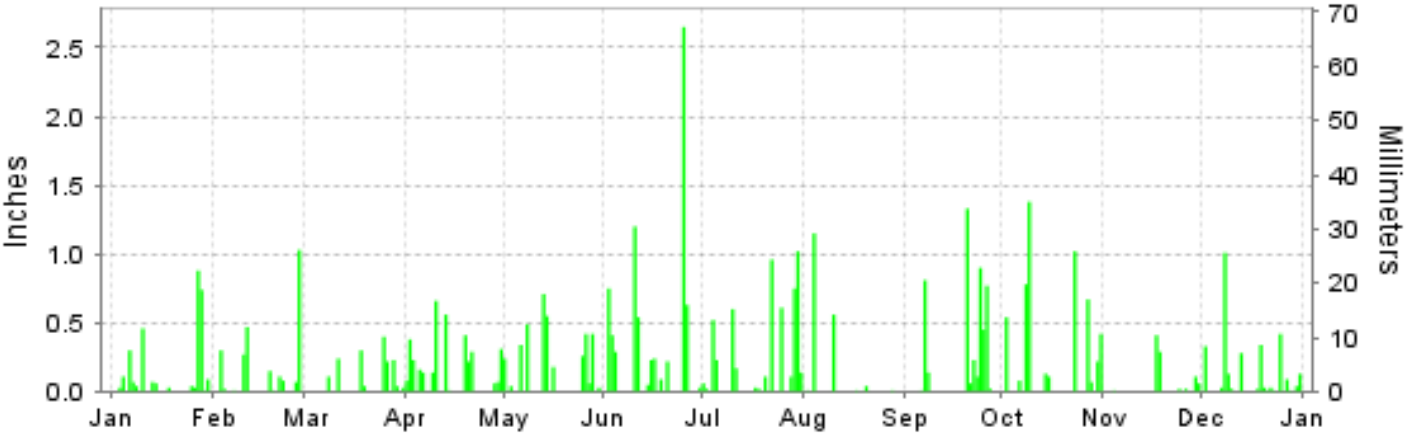
ISSN 0198-3911

COVINGTON,
KENTUCKY (KCVG)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure

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NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

DIRECTOR NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2009
COVINGTON (KCVG)

LATITUDE: 39 ° 2 'N **LONGITUDE:** -84 ° 40'W **ELEVATION (FT):** GRND: 859 BARO: 885 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 93814

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	34.2	45.0	58.4	65.0	74.2	82.1	78.7	81.6	76.6	61.2	56.7	40.2	62.8
	HIGHEST DAILY MAXIMUM	59	63	77	85	87	91	85	91	85	80	71	59	91
	DATE OF OCCURRENCE	04	11	10	26+	23	25	10	27	15	30	08	14	AUG 27
	MEAN DAILY MINIMUM	17.7	26.5	36.6	44.5	54.3	63.3	61.6	62.4	59.1	42.8	38.3	26.3	44.5
	LOWEST DAILY MINIMUM	-6	-5	9	30	41	48	53	50	44	28	25	15	-6
	DATE OF OCCURRENCE	16	05	03	04	19	06	19	30	30	18	28	16	JAN 16
	AVERAGE DRY BULB	26.0	35.8	47.5	54.8	64.3	72.7	70.2	72.0	67.9	52.0	47.5	33.3	53.7
	MEAN WET BULB	23.6	31.9	41.0	48.4	57.9	66.3	64.7	66.7	61.5	47.9	43.2	30.3	48.6
	MEAN DEW POINT	18.5	25.5	32.3	41.1	52.4	62.5	61.3	63.5	57.0	43.7	38.0	25.1	43.4
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	0	3	0	1	0	0	0	0	4
	MAXIMUM <= 32°	15	6	2	0	0	0	0	0	8	0	0	5	36
	MINIMUM <= 32°	30	18	10	4	0	0	0	0	0	2	6	24	94
	MINIMUM <= 0°	3	1	0	0	0	0	0	0	0	0	0	0	4
H/C	HEATING DEGREE DAYS	1205	813	534	340	83	10	4	7	30	401	518	974	4919
	COOLING DEGREE DAYS	0	0	0	39	66	247	172	230	122	5	0	0	881
RH	MEAN (PERCENT)	74	68	59	63	67	72	76	76	72	75	71	74	71
	HOUR 01 LST	79	72	67	71	79	83	87	87	81	84	78	79	79
	HOUR 07 LST	81	78	69	71	75	78	83	85	81	85	81	81	79
	HOUR 13 LST	66	58	47	52	53	59	62	60	58	60	58	66	58
	HOUR 19 LST	72	68	56	60	63	67	73	73	70	75	72	72	68
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	4	2	2	0	1	2	3	0	4	1	1	0	20
	THUNDERSTORMS	2	2	1	3	7	11	5	4	4	2	0	0	41
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.)	29.10	29.16	28.94	29.01	29.07	28.95	29.03	29.10	29.13	29.06	29.15	29.11	29.07
	MEAN SEA-LEVEL PRESS. (IN.)	30.07	30.12	30.12	29.95	30.00	29.86	29.95	30.02	30.06	30.00	30.10	30.07	30.03
WINDS	RESULTANT SPEED (MPH)	3.3	4.2	1.0	2.6	0.8	1.6	2.1	1.9	2.4	1.6	0.7	2.9	1.5
	RES. DIR. (TENS OF DEGS.)	26	24	15	24	24	26	26	23	07	21	19	22	24
	MEAN SPEED (MPH)	8.8	10.6	9.5	9.8	6.5	6.5	5.7	5.7	6.7	7.3	6.8	8.7	7.7
	PREVAIL.DIR.(TENS OF DEGS.)	26	18	20	21	19	21	28	20	06	19	20	26	06
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	32	41	33	36	28	45	30	30	29	33	28	37	45
	DIR. (TENS OF DEGS.)	27	24	28	29	19	03	27	23	29	28	35	26	03
	DATE OF OCCURRENCE	07	11	11	03	14	26	25	10	28	31	30	09	JUN 26
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	41	56	41	46	39	54	39	45	39	40	33	53	56
	DIR. (TENS OF DEGS.)	28	23	21	30	18	01	28	22	29	29	08	26	23
	DATE OF OCCURRENCE	07	11	05	03	14	26	25	10	28	31	16	09	FEB 11
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	2.96	2.52	1.61	3.72	3.74	7.33	5.35	1.78	4.83	5.42	0.92	2.93	43.11
	GREATEST 24-HOUR (IN.)	1.91	1.10	0.40	0.74	1.23	3.28	1.16	1.15	1.39	1.93	0.42	1.14	3.28
	DATE OF OCCURRENCE	06-07	26-27	25	09-10	13-14	25-26	30-31	04	20-21	08-09	17-18	08-09	JUN 25-26
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	15	11	9	15	12	13	15	6	11	11	7	17	142
	PRECIPITATION 0.10	5	4	6	11	9	10	11	2	7	9	3	7	84
	PRECIPITATION 1.00	0	1	0	0	0	2	1	1	1	2	0	1	9
SNOWFALL	SNOW,ICE PELLETS,HAIL													
	TOTAL (IN.)	14.0	7.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	T	5.7	26.7
	GREATEST 24-HOUR (IN.)	4.1	5.1	0.0	T	0.0	T	0.0	0.0	0.0	0.0	T	2.9	5.1
	DATE OF OCCURRENCE	27	03		21+		25+					27	19	FEB 03
	MAXIMUM SNOW DEPTH (IN.)	8	8	0	0	0	0	0	0	0	0	0	3	8
	DATE OF OCCURRENCE	31+	05+										20	FEB 05+
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	4	1	0	0	0	0	0	0	0	0	0	2	7

NORMALS, MEANS, AND EXTREMES
COVINGTON (KCVG)

LATITUDE: 39 ° 2 'N **LONGITUDE:** -84 ° 40'W **ELEVATION (FT):** GRND: 859 BARO: 885 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 93814

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	38.0	43.1	53.9	64.7	74.4	82.4	86.4	84.8	78.0	66.4	53.6	42.7	64.0
	MEAN DAILY MAXIMUM	62	38.1	42.3	52.2	64.3	73.9	82.1	85.7	84.9	78.2	66.5	52.9	42.0	63.6
	HIGHEST DAILY MAXIMUM	48	69	75	84	89	93	102	103	102	98	91	81	75	103
	YEAR OF OCCURRENCE		1967	2000	1986	1976	1962	1988	1988	1962	1964	2007	1987	1982	JUL 1988
	MEAN OF EXTREME MAXS.	62	60.7	64.2	74.8	82.1	86.9	92.1	94.2	93.6	90.4	82.4	72.3	62.8	79.7
	NORMAL DAILY MINIMUM	30	21.3	25.0	33.8	42.7	52.9	61.6	66.1	64.2	56.8	44.9	35.7	26.4	44.3
	MEAN DAILY MINIMUM	62	21.9	24.6	32.8	42.9	52.2	61.0	65.2	63.8	56.4	45.0	35.1	26.2	43.9
	LOWEST DAILY MINIMUM	48	-25	-11	-11	15	27	39	47	43	31	16	1	-20	-25
	YEAR OF OCCURRENCE		1977	1996	1980	1997	1963	1972	2008	1986	1993	1962	1976	1989	JAN 1977
	MEAN OF EXTREME MINS.	62	-1.2	3.4	14.0	26.4	36.3	47.7	54.1	52.7	40.5	28.0	17.6	5.9	27.1
	NORMAL DRY BULB	30	29.7	34.1	43.9	53.7	63.7	72.0	76.3	74.5	67.4	55.7	44.7	34.6	54.2
	MEAN DRY BULB	62	30.0	33.5	42.5	53.6	63.1	71.6	75.4	74.4	67.3	55.8	44.0	34.1	53.8
	MEAN WET BULB	26	27.8	30.3	37.3	46.7	56.3	64.5	67.8	66.8	60.0	49.4	39.9	31.0	48.2
	MEAN DEW POINT	26	24.4	26.2	32.6	42.0	52.9	61.8	65.4	64.4	57.2	46.0	36.2	27.7	44.7
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.0	0.3	3.5	7.6	5.1	1.5	0.0	0.0	0.0	18.0
	MAXIMUM <= 32	30	11.0	7.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	6.4	26.3
	MINIMUM <= 32	30	26.1	21.1	15.6	4.7	0.3	0.0	0.0	0.0	*	3.3	12.8	21.7	105.6
	MINIMUM <= 0	30	2.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	5.1
H/C	NORMAL HEATING DEG. DAYS	30	1110	881	670	368	130	19	1	3	68	319	626	953	5148
	NORMAL COOLING DEG. DAYS	30	0	0	3	13	73	215	335	282	126	16	1	0	1064
RH	NORMAL (PERCENT)	30	75	71	67	65	69	72	73	74	73	71	72	75	71
	HOUR 01 LST	30	78	75	73	71	79	82	84	85	83	79	76	78	79
	HOUR 07 LST	30	81	79	79	77	82	85	86	90	89	85	81	81	83
	HOUR 13 LST	30	70	65	59	54	57	58	58	59	58	57	63	69	61
	HOUR 19 LST	30	73	67	60	56	60	62	62	65	67	66	69	73	65
S	PERCENT POSSIBLE SUNSHINE	13	33	40	48	56	57	61	62	61	61	54	36	31	50
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	46	2.4	2.2	1.5	0.8	1.2	1.2	1.4	2.3	2.5	2.1	1.4	2.3	21.3
	THUNDERSTORMS	62	0.7	0.8	2.5	4.2	6.0	7.4	7.5	6.0	3.1	1.5	1.1	0.4	41.2
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR				5.0										
	PARTLY CLOUDY				1.0		1.0								
	CLOUDY	1	1.0	4.0	7.0		2.0	1.0							
PR	MEAN STATION PRESSURE(IN)	26	29.15	29.14	29.10	29.04	29.05	29.06	29.09	29.11	29.13	29.15	29.15	29.16	29.11
	MEAN SEA-LEVEL PRES. (IN)	26	30.12	30.10	30.06	29.98	29.98	29.98	30.00	30.03	30.06	30.09	30.10	30.12	30.05
WINDS	MEAN SPEED (MPH)	26	9.8	9.8	10.1	9.7	8.0	7.2	6.7	6.4	6.8	7.6	9.1	9.3	8.4
	PREVAIL.DIR(TENS OF DEGS)	39	22	22	21	22	21	21	22	22	21	21	21	22	21
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	14	41	41	45	45	39	45	47	41	54	48	40	40	54
	DIR. (TENS OF DEGS)		17	24	27	28	27	03	30	29	19	29	17	27	19
	YEAR OF OCCURRENCE		1996	2009	2002	2002	2003	2009	2008	2000	2008	2001	2001	2000	SEP 2008
	MAXIMUM 3-SECOND														
	SPEED (MPH)	14	51	56	56	76	54	56	61	53	74	60	55	56	76
	DIR. (TENS OF DEGS)		27	23	28	22	25	27	31	29	23	29	17	27	22
	YEAR OF OCCURRENCE		2008	2009	2002	2006	1999	2001	2001	2000	2008	2001	2001	2006	APR 2006
PRECIPITATION	NORMAL (IN)	30	2.92	2.75	3.90	3.96	4.59	4.42	3.75	3.79	2.82	2.96	3.46	3.28	42.60
	MAXIMUM MONTHLY (IN)	62	9.43	6.72	12.18	9.77	9.48	9.61	8.70	7.71	8.61	8.60	7.51	7.90	12.18
	YEAR OF OCCURRENCE		1950	1955	1964	1998	1968	1998	2001	1982	1979	1983	1985	1990	MAR 1964
	MINIMUM MONTHLY (IN)	62	0.57	0.25	1.14	1.04	0.91	0.95	0.63	0.31	0.18	0.25	0.43	0.51	0.18
	YEAR OF OCCURRENCE		1981	1978	1960	1971	2007	1965	1997	1953	1963	1963	1949	1976	SEP 1963
	MAXIMUM IN 24 HOURS (IN)	62	4.33	2.84	5.21	3.31	3.71	3.45	4.28	3.52	4.54	4.47	3.36	2.96	5.21
	YEAR OF OCCURRENCE		1959	1990	1964	1996	1956	1974	1988	1995	1979	1985	1948	1948	MAR 1964
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	12.6	11.7	12.9	12.5	11.8	11.5	10.2	9.7	8.4	8.5	10.9	12.2	132.9
	PRECIPITATION >= 1.00	30	0.5	0.6	0.7	0.8	1.1	1.2	1.0	1.0	0.7	0.6	0.6	0.6	9.4
SNOWFALL	NORMAL (IN)	30	7.8	6.0	3.8	0.6	0.*	0.0	0.0	0.0	0.0	0.4	1.3	3.7	23.6
	MAXIMUM MONTHLY (IN)	62	31.5	19.9	13.0	3.7	0.2	T	T	T	0.0	6.2	12.1	12.5	31.5
	YEAR OF OCCURRENCE		1978	1993	1968	1977	1989	2009	1994	2000		1993	1966	1989	JAN 1978
	MAXIMUM IN 24 HOURS (IN)	62	12.8	12.6	9.8	3.6	0.2	T	T	T	0.0	5.9	9.0	7.5	12.8
	YEAR OF OCCURRENCE'		1996	1998	1968	1977	1989	2009	1994	2000		1993	1966	1990	JAN 1996
	MAXIMUM SNOW DEPTH (IN)	61	14	19	11	5	0	0	0	0	0	4	8	9	19
	YEAR OF OCCURRENCE		1978	1998	2008	1987						1993	1966	2004	FEB 1998
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	2.4	1.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.1	7.3

PRECIPITATION (inches) 2009 COVINGTON (KCVG)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	2.26	1.04	4.50	1.96	4.59	4.13	5.51	4.19	1.83	3.28	2.58	1.26	37.13
1981	0.57	3.86	1.72	5.05	5.07	3.34	3.66	2.15	1.47	2.33	2.94	2.39	34.55
1982	7.17	1.17	4.67	2.18	4.60	3.61	2.44	7.71	1.27	0.99	5.08	4.25	45.14
1983	1.56	1.14	2.02	4.84	8.89	2.22	1.96	3.23	1.22	8.60	4.20	2.84	42.72
1984	0.75	2.40	3.61	4.88	4.82	2.11	2.57	3.30	3.50	3.85	6.00	4.21	42.00
1985	1.68	2.25	6.90	1.34	6.18	4.55	3.59	2.02	0.76	5.83	7.51	1.52	44.13
1986	1.01	2.85	3.07	1.57	3.59	1.46	3.33	3.78	3.53	3.08	3.79	2.58	33.64
1987	0.92	1.62	4.65	2.88	2.73	4.62	5.07	2.27	1.17	1.42	1.82	3.43	32.60
1988	2.75	4.94	3.42	3.92	1.99	1.19	6.85	2.44	3.05	1.86	4.78	2.78	39.97
1989	3.21	4.67	6.40	5.19	4.64	3.04	5.97	5.33	2.97	3.18	3.05	1.96	49.61
1990	2.59	5.82	2.75	3.22	9.41	5.01	3.68	5.67	4.13	5.09	2.31	7.90	57.58
1991	2.84	3.99	6.20	3.62	3.41	1.39	2.66	5.04	2.60	1.37	1.89	5.08	40.09
1992	2.99	0.93	4.19	2.71	2.84	3.65	7.00	3.17	3.23	1.11	4.31	1.36	37.49
1993	3.83	3.43	3.60	3.13	2.33	4.80	1.26	4.20	2.68	2.61	4.31	2.53	38.71
1994	3.22	1.68	2.22	6.46	2.06	4.08	5.64	5.14	0.55	1.49	2.87	2.88	38.29
1995	3.51	1.80	2.58	4.26	8.57	2.65	2.37	5.59	2.43	4.28	2.15	3.43	43.62
1996	4.36	1.98	5.58	8.20	9.20	5.83	2.62	.76	5.41	1.74	3.40	4.33	53.41
1997	2.79	2.13	6.00	1.98	6.33	8.34	0.63	3.95	0.55	1.68	2.97	2.77	40.12
1998	3.27	3.04	3.52	9.77	5.12	9.61	4.75	2.67	0.67	2.82	2.33	3.82	51.39
1999	4.76	3.66	1.89	2.88	1.98	3.16	3.16	2.61	0.86	2.49	1.42	3.60	32.47
2000	4.45	5.71	3.34	4.27	5.21	4.74	3.53	2.90	4.79	1.37	2.33	3.18	45.82
2001	1.33	1.81	1.42	1.46	5.15	4.45	8.70	5.00	3.13	6.73	3.31	4.08	46.57
2002	2.33	1.81	4.60	5.97	8.03	3.56	1.38	1.50	4.87	4.51	2.29	4.90	45.75
2003	1.66	3.60	2.50	1.91	7.29	2.75	5.00	4.80	5.07	2.11	3.92	2.26	42.87
2004	4.55	1.25	2.97	4.50	6.85	2.93	6.14	3.51	1.53	6.13	5.15	2.80	48.31
2005	6.60	1.94	4.09	3.78	1.88	2.92	1.76	6.34	2.00	2.21	4.13	1.81	39.46
2006	4.21	1.34	6.92	5.06	3.13	3.67	4.03	1.90	6.21	4.48	2.08	3.46	46.49
2007	3.84	3.42	3.16	3.15	0.91	1.74	1.92	0.55	2.47	7.07	2.73	5.76	36.72
2008	2.33	5.21	9.67	2.75	6.32	5.21	3.39	1.78	1.22	1.63	1.73	4.42	45.66
2009	2.96	2.52	1.61	3.72	3.74	7.33	5.35	1.78	4.83	5.42	0.92	2.93	43.11
POR= 62 YRS	3.27	2.84	3.95	3.76	4.28	4.05	4.06	3.17	2.84	2.89	3.23	3.17	41.51

WBAN : 93814

AVERAGE TEMPERATURE (°F) 2009 COVINGTON (KCVG)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	29.9	24.0	38.5	50.3	64.9	70.1	76.6	76.5	68.6	50.6	41.5	32.9	52.0
1981	24.1	34.2	40.1	58.1	59.8	72.3	75.9	73.6	65.2	53.9	43.7	29.0	52.5
1982	23.9	30.6	44.3	49.6	68.1	67.4	77.0	71.3	66.9	59.3	48.4	42.9	54.1
1983	31.6	35.3	44.7	49.4	59.0	71.6	79.2	78.3	67.2	55.7	44.7	24.6	53.4
1984	23.7	38.2	34.4	51.1	58.9	74.1	72.2	74.3	65.7	61.5	42.0	42.4	53.2
1985	22.7	29.4	47.5	57.9	65.4	69.9	75.1	72.5	67.5	59.3	49.9	26.2	53.6
1986	30.9	35.2	45.2	55.3	64.5	72.9	77.6	72.0	70.1	56.4	42.7	34.0	54.7
1987	30.7	37.3	45.0	53.0	69.3	73.6	76.1	75.2	68.3	49.3	48.0	36.8	55.2
1988	27.5	30.5	42.2	52.4	64.4	72.4	78.5	77.5	67.2	48.5	45.0	34.1	53.4
1989	38.6	30.8	45.4	52.9	60.1	71.3	76.7	73.5	66.4	55.7	43.9	21.6	53.1
1990	40.0	40.8	48.2	52.8	61.6	71.8	74.7	73.7	67.7	55.9	48.9	38.3	56.2
1991	31.0	37.3	45.4	56.9	70.4	75.4	77.9	74.8	68.6	58.6	41.4	37.3	56.3
1992	32.9	39.7	43.6	54.1	61.2	68.0	73.5	69.6	64.5	53.3	44.2	35.6	53.4
1993	34.5	29.3	40.2	52.0	63.3	70.9	79.1	76.2	63.9	53.0	43.5	32.8	53.2
1994	23.3	33.2	41.4	55.5	59.3	75.0	75.2	71.9	65.7	57.1	49.9	40.0	54.0
1995	31.3	31.0	45.7	53.3	62.7	72.9	76.6	79.5	65.7	55.3	37.5	29.3	53.4
1996	27.9	32.4	36.7	49.2	63.2	71.0	72.1	74.3	65.4	55.1	37.8	37.6	51.9
1997	28.2	37.6	44.2	48.1	57.2	69.1	75.1	71.6	65.6	55.4	41.3	35.7	52.4
1998	38.6	40.5	43.6	53.0	66.6	71.3	74.3	75.1	71.6	56.2	45.5	38.3	56.2
1999	32.4	37.9	38.3	55.0	63.6	73.0	79.0	72.7	66.8	55.3	48.5	34.8	54.8
2000	28.6	40.4	46.8	52.3	65.4	71.4	72.6	72.3	64.9	57.8	41.7	23.2	53.1
2001	29.7	37.0	39.7	58.0	64.2	69.7	74.2	74.9	64.6	55.2	50.0	39.3	54.7
2002	36.9	36.8	41.9	55.7	59.6	72.9	78.2	77.5	71.6	53.9	41.3	34.2	55.0
2003	24.0	28.4	45.0	55.7	61.9	67.2	73.9	74.6	64.8	54.5	48.0	35.0	52.8
2004	27.7	33.9	45.4	53.5	67.0	71.0	73.3	70.6	68.5	56.6	47.7	33.4	54.1
2005	33.4	37.7	39.0	55.8	60.3	74.7	77.5	77.7	70.8	56.1	45.6	30.2	54.9
2006	41.6	34.8	42.4	57.9	61.8	70.1	76.9	77.4	64.1	53.0	46.2	40.4	55.6
2007	35.1	22.7	50.7	52.2	67.6	74.2	74.6	81.6	72.9	61.3	43.8	36.4	56.1
2008	30.0	32.3	41.1	54.7	60.5	72.8	74.4	74.5	71.0	56.5	42.4	33.9	53.7
2009	26.0	35.8	47.5	54.8	64.3	72.7	70.2	72.0	67.9	52.0	47.5	33.3	53.7
POR= 62 YRS	30.0	33.5	42.5	53.6	63.1	71.6	75.4	74.4	67.3	55.8	44.0	34.1	53.8

HEATING DEGREE DAYS (base 65°F) 2009 COVINGTON (KCVG)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1980-81	0	0	48	446	697	988	1261	858	768	230	191	6	5493
1981-82	0	0	87	344	634	1107	1268	956	635	460	28	19	5538
1982-83	0	1	56	244	505	682	1029	825	627	466	199	21	4655
1983-84	1	0	89	288	600	1247	1274	773	939	425	219	4	5859
1984-85	0	0	101	128	684	692	1306	992	543	256	72	22	4796
1985-86	0	0	78	212	450	1195	1056	828	613	305	105	3	4845
1986-87	0	21	25	292	664	955	1058	766	612	365	52	2	4812
1987-88	0	1	39	477	505	868	1156	991	699	374	84	22	5216
1988-89	1	0	38	509	595	949	811	949	608	380	211	14	5065
1989-90	0	4	77	297	630	1335	770	671	531	390	127	21	4853
1990-91	0	1	66	296	477	821	1046	773	602	250	44	0	4376
1991-92	0	0	81	232	700	853	988	727	658	339	172	27	4777
1992-93	0	8	97	358	617	907	937	997	762	384	103	40	5210
1993-94	0	0	101	370	640	992	1291	885	724	298	211	5	5517
1994-95	0	6	56	250	447	766	1037	948	589	353	109	2	4563
1995-96	0	0	68	298	818	1099	1142	939	873	478	132	10	5857
1996-97	0	0	93	307	811	847	1136	765	640	498	252	36	5385
1997-98	1	7	53	339	703	900	808	679	679	355	51	47	4622
1998-99	0	0	17	284	576	826	1007	754	820	297	90	5	4676
1999-00	0	0	63	294	489	931	1119	709	560	375	73	13	4626
2000-01	0	0	107	248	693	1290	1084	778	777	268	96	28	5369
2001-02	1	0	96	316	442	786	865	786	711	309	217	6	4535
2002-03	0	0	20	375	702	947	1263	1019	613	287	122	47	5395
2003-04	0	0	74	330	502	923	1148	895	605	346	67	2	4892
2004-05	2	12	20	264	513	973	970	757	796	281	169	3	4760
2005-06		0	16	304	577	1072	717	840	691	230	163	9	
2006-07	0	0	75	384	557	759	922	1177	458	395	58	0	4785
2007-08	0	0	15	188	629	881	1081	942	731	317	162	1	4947
2008-09	1	0	6	283	673	958	1205	813	534	340	83	10	4906
2009-	4	7	30	401	518	974							

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COOLING DEGREE DAYS (base 65°F) 2009 COVINGTON (KCVG)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1980	0	0	0	0	98	187	364	363	166	5	0	0	1183
1981	0	0	1	31	34	234	343	275	99	9	0	0	1026
1982	0	0	0	5	129	99	381	203	120	73	13	8	1031
1983	0	0	4	4	18	225	448	417	161	8	0	0	1285
1984	0	0	0	13	38	289	233	295	130	29	0	0	1027
1985	0	0	6	47	93	174	318	241	162	41	5	0	1087
1986	0	0	4	22	97	247	399	243	183	30	0	0	1225
1987	0	0	0	12	193	266	353	325	147	0	4	0	1300
1988	0	0	2	3	70	251	425	392	111	6	0	0	1260
1989	0	0	7	26	67	210	369	275	125	17	0	0	1096
1990	0	0	17	32	27	230	309	276	155	21	3	0	1070
1991	0	0	0	14	218	317	408	310	195	42	0	0	1504
1992	0	0	0	19	59	126	273	158	88	2	0	0	725
1993	0	0	0	0	56	224	443	353	75	5	0	0	1156
1994	0	0	0	19	40	314	325	228	83	14	0	0	1023
1995	0	0	0	9	45	242	365	454	97	1	0	0	1213
1996	0	0	0	7	79	198	226	296	109	5	0	0	920
1997	0	0	0	0	16	163	320	218	77	48	0	0	842
1998	0	0	23	0	104	242	299	319	222	16	0	5	1230
1999	0	0	0	6	52	253	440	247	125	2	0	0	1125
2000	0	0	0	2	89	211	240	235	107	30	0	0	914
2001	0	0	0	64	78	174	296	315	90	16	0	0	1033
2002	0	0	0	36	56	250	415	395	228	37	0	0	1417
2003	0	0	0	15	31	122	283	309	78	10	1	0	849
2004	0	0	2	8	138	191	267	193	132	10	0	0	941
2005	0	0	0	9	28	299	395	400	194	36	0	0	1361
2006	0	0	0	26	70	167	373	394	56	19	0	0	1105
2007	0	0	24	19	145	286	306	523	259	83	0	0	1645
2008	0	0	0	15	28	242	298	300	196	27	0	0	1106
2009	0	0	0	39	66	247	172	230	122	5	0	0	881

SNOWFALL (inches) 2009 COVINGTON (KCVG)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1980-81	0.0	0.0	0.0	T	1.2	3.7	4.0	2.6	2.5	0.0	0.0	0.0	14.0
1981-82	0.0	0.0	0.0	T	0.3	10.9	7.1	3.9	0.5	1.5	0.0	0.0	24.2
1982-83	0.0	0.0	0.0	0.0	T	T	0.8	5.5	0.3	T	0.0	0.0	6.6
1983-84	0.0	0.0	0.0	0.0	T	1.7	4.1	6.7	4.1	0.0	0.0	0.0	16.6
1984-85	0.0	0.0	0.0	0.0	1.4	7.3	12.2	9.5	0.4	1.7	0.0	0.0	32.5
1985-86	0.0	0.0	0.0	0.0	0.0	5.0	2.8	11.3	0.8	T	0.0	0.0	19.9
1986-87	0.0	0.0	0.0	0.0	T	0.8	1.6	2.4	8.8	2.3	0.0	0.0	15.9
1987-88	0.0	0.0	0.0	0.0	0.1	0.2	4.3	4.7	2.3	T	0.0	0.0	11.6
1988-89	0.0	0.0	0.0	0.0	0.7	2.9	T	3.0	1.2	0.3	0.2	0.0	8.3
1989-90	0.0	0.0	0.0	5.9	0.2	12.5	1.3	3.6	5.6	T	0.0	0.0	29.1
1990-91	0.0	0.0	0.0	0.0	0.0	8.6	4.3	2.6	T	0.0	0.0	0.0	15.5
1991-92	T	0.0	0.0	0.0	1.9	0.5	3.6	1.2	3.6	2.9	0.1	0.0	13.8
1992-93	0.0	0.0	0.0	T	1.6	3.8	0.3	19.9	3.9	T	0.0	T	29.5
1993-94	0.0	0.0	0.0	6.2	0.8	5.4	13.3	0.5	6.6	0.2	0.0	0.0	33.0
1994-95	T	0.0	0.0	0.0	0.0	0.2	16.4	7.6	3.3	0.0	0.0	0.0	27.5
1995-96	0.0	0.0	0.0	0.0	0.9	4.1	27.0	1.7	8.4	2.5	0.0	0.0	44.6
1996-97	0.0	0.0	0.0	0.0	2.1	1.3	4.3	4.5	T	T	0.0	0.0	12.2
1997-98	0.0	0.0	0.0	0.0	0.4	4.2	1.2	18.5	7.1	T	0.0	0.0	31.4
1998-99	0.0	0.0	0.0	0.0	0.0	3.4	9.6	3.9	9.5	T	0.0	0.0	26.4
1999-00	0.0	0.0	0.0	0.0	T	2.3	7.6	0.6	0.1	0.2	0.0	0.0	10.8
2000-01	0.0	T	0.0	0.0	0.4	8.5	5.8	0.7	1.2	0.7	0.0	T	17.3
2001-02	0.0	0.0	0.0	T	0.0	0.7	5.5	1.5	0.4	1.0	0.0	0.0	9.1
2002-03	T	0.0	0.0	0.0	0.8	5.3	9.5	17.4	0.4	T	0.0	0.0	33.4
2003-04	T	0.0	0.0	0.0	0.2	6.1	12.6	1.5	1.8	1.3	0.0	0.0	23.5
2004-05	0.0	0.0	0.0	0.0	T	10.4	6.3	4.3	3.0	0.3	0.0	0.0	24.3
2005-06	0.0	0.0	0.0	0.0	0.3	7.3	1.1	4.6	4.2	T	0.0	0.0	17.5
2006-07	0.0	0.0	0.0	T	T	0.1	4.9	11.2	0.7	0.2	0.0	0.0	17.1
2007-08	0.0	0.0	0.0	0.0	T	4.2	3.4	7.5	11.1	0.0	0.0	0.0	26.2
2008-09	0.0	0.0	0.0	0.0	T	2.0	14.0	7.0	0.0	T	0.0	T	23.0
2009-	0.0	0.0	0.0	0.0	T	5.7							
POR= 62 YRS	T	T	0.0	0.2	1.6	4.0	7.2	5.6	4.1	0.5	0.0	T	23.2

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REFERENCE NOTES :

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).

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).

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.
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.

GENERAL CONTINUED:
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.
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.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm

NOTE:
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.

2009
COVINGTON/CINCINNATI
KENTUCKY (KCVG)

Greater Cincinnati Airport is located on a gently rolling plateau about l2 miles southwest of downtown Cincinnati and 2 miles south of the Ohio River at its nearest point. The river valley is rather narrow and steep-sided varying from l to 3 miles in width and the river bed is 500 feet below the level of the airport.

The climate is continental with a rather wide range of temperatures from winter to summer. A precipitation maximum occurs during winter and spring with a late summer and fall minimum. On the average, the maximum snowfall occurs during January, although the heaviest 24-hour amounts have been recorded during late November and February.

The heaviest precipitation, as well as the precipitation of the longest duration, is normally associated with low pressure disturbances moving in a general southwest to northeast direction through the Ohio valley and south of the Cincinnati area.

Summers are warm and rather humid. The temperature will reach l00 degrees or more in l year out of 3. However, the temperature will reach 90 degrees or higher on about 19 days each year. Winters are moderately cold with frequent periods of extensive cloudiness.

The freeze free period lasts on the average l87 days from mid-April to the latter part of October.

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