

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 869 ft. Lat: 39.0431° N Lon: 84.6717° W
Station: CINCINNATI NORTHERN KY AP, KY US USW00093814

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	39.6	23.1	31.4	5.1	4.9	4.9	2.0	0.9	0.2	0.0	0.0	0.0	735.0	795.9	888.1	1042.8	0.0	0.0	7.2	9.4	24.3	1.7
02	43.7	25.8	34.7	5.5	5.1	5.2	3.9	2.4	1.0	0.1	0.0	0.0	570.9	625.4	707.9	846.9	0.0	0.0	9.2	5.4	20.7	0.6
03	53.5	33.8	43.6	4.6	4.1	4.2	29.1	20.3	10.8	2.6	0.3	0.1	380.9	434.2	517.6	664.4	0.0	0.0	18.1	1.0	15.0	0.0
04	65.5	43.7	54.6	2.9	2.9	2.8	110.9	83.2	49.6	15.6	2.5	0.9	122.9	155.2	211.6	327.6	0.0	0.0	27.6	0.0	3.6	0.0
05	74.5	53.7	64.1	3.4	3.7	3.4	299.3	247.9	179.4	89.8	31.1	16.2	17.2	27.8	52.4	117.8	0.0	0.3	30.9	0.0	0.3	0.0
06	82.6	62.1	72.3	2.3	2.0	2.0	520.6	461.1	373.1	232.8	113.2	75.2	0.1	0.7	2.7	12.5	0.1	3.7	30.0	0.0	0.0	0.0
07	86.0	65.9	75.9	3.2	2.4	2.7	649.4	587.4	494.4	339.9	192.6	140.5	0.0	0.0	0.0	0.6	0.2	7.9	31.0	0.0	0.0	0.0
08	85.2	64.6	74.9	3.1	2.6	2.7	616.8	554.8	462.0	308.8	166.4	118.0	0.0	0.0	0.2	2.0	0.2	7.0	31.0	0.0	0.0	0.0
09	78.9	57.3	68.1	3.8	3.0	3.1	397.7	341.3	260.7	145.5	62.5	39.7	4.7	8.3	17.8	52.7	0.0	3.1	30.0	0.0	0.0	0.0
10	66.7	45.7	56.2	2.7	2.5	2.3	131.8	101.3	64.2	23.3	6.0	3.2	94.7	126.1	182.0	296.1	0.0	0.2	29.5	0.0	2.4	0.0
11	53.8	35.1	44.4	4.5	3.5	3.8	22.0	13.7	6.1	1.0	0.0	0.0	338.4	390.1	472.5	617.4	0.0	0.0	19.1	0.6	12.6	0.0
12	43.3	27.9	35.6	4.7	4.5	4.5	4.2	2.5	1.0	0.2	0.0	0.0	605.6	665.8	757.3	911.4	0.0	0.0	9.0	5.9	20.9	0.2
Summary	64.4	44.9	54.7	3.8	3.4	3.5	2788	2417	1902	1160	575	394	2870	3230	3810	4892	0.5	22.2	272.6	22.3	99.8	2.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	3.30	13.2	6.8	2.2	0.5	2.34	3.26	4.13	
02	3.17	12.0	6.5	1.7	0.8	1.81	2.63	3.65	
03	4.16	12.5	8.0	2.9	1.0	2.89	3.88	5.42	
04	4.53	13.1	8.6	3.3	1.1	3.13	3.85	5.11	
05	4.67	13.5	9.1	3.2	1.2	2.84	5.14	6.29	
06	4.75	11.8	7.6	3.3	1.3	2.97	4.27	6.17	
07	3.83	11.0	7.1	2.8	0.9	2.38	3.46	5.28	
08	3.43	8.9	5.4	2.3	0.9	2.01	3.45	4.65	
09	3.11	8.3	4.8	1.9	0.8	1.56	2.55	4.82	
10	3.35	8.7	5.7	2.3	0.9	1.70	2.96	4.46	
11	3.23	10.3	6.3	2.2	0.6	2.10	2.92	4.11	
12	3.73	12.4	6.7	2.6	0.8	2.78	3.59	4.79	
Summary	45.26	135.7	82.6	30.7	10.8	28.51	41.96	58.88	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	7.70	6.7	2.2	0.8	0.2	0.0	7.9	3.8	1.4	0.1	3.40	6.00	11.90
02	6.70	5.9	1.8	0.5	0.4	0.0	6.4	3.4	1.6	0.3	1.70	4.30	8.40
03	3.40	2.7	1.1	0.4	0.1	0.0	2.2	0.8	0.1	0.0	0.40	2.80	4.90
04	0.40	0.6	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.30
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.20	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	1.1	0.3	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.30	1.10
12	4.10	4.6	1.4	0.3	0.1	0.0	4.2	1.7	0.5	0.0	0.90	3.60	5.70
Summary	23.3	21.7	7.0	2.0	0.8	0.0	21.6	9.8	3.6	0.4	6.4	17.0	32.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	47.5	64.5	197.3	446.3	747.1	970.3	1114.3	1081.7	842.8	505.4	199.6	71.3
45	21.3	29.7	116.7	313.7	592.5	820.4	959.4	926.8	693.0	359.8	112.7	33.2
50	8.1	11.9	61.7	199.8	441.1	670.4	804.4	771.8	543.7	232.3	55.7	13.4
55	2.0	3.9	29.1	110.9	299.3	520.6	649.4	616.8	397.7	131.8	22.0	4.2
60	0.2	1.0	10.8	49.6	179.4	373.1	494.4	462.0	260.7	64.2	6.1	1.0
Growing Degree Units for Corn (Monthly)												
50/86	24.8	37.3	114.7	263.2	466.1	656.0	770.5	742.9	544.1	292.8	106.4	33.5

Growing Degree Units (Accumulated Monthly)												
40	48	112	309	756	1503	2473	3587	4669	5512	6017	6217	6288
45	21	51	168	481	1074	1894	2854	3780	4474	4833	4946	4979
50	8	20	82	282	723	1393	2197	2969	3513	3745	3801	3814
55	2	6	35	146	445	966	1615	2232	2630	2762	2784	2788
60	0	1	12	62	241	614	1108	1570	1831	1895	1902	1902
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	62	177	440	906	1562	2333	3076	3620	3912	4019	4052

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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