

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 890 ft. Lat: 37.0056° N Lon: 85.0617° W
Station: JAMESTOWN WWTP, KY US USC00154208

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	43.5	24.5	34.0	4.2	4.2	4.0	4.5	2.6	1.2	0.0	0.0	0.0	655.1	715.4	807.1	960.8	0.0	0.0	11.3	5.4	23.8	0.8
02	48.1	26.9	37.5	4.7	3.8	4.0	7.8	4.9	2.3	0.3	0.0	0.0	497.8	550.9	632.2	770.2	0.0	0.0	14.1	2.7	21.0	0.3
03	57.2	33.8	45.5	4.8	3.8	4.2	32.3	22.3	11.8	2.5	0.1	0.0	326.8	378.8	461.3	607.0	0.0	0.0	22.9	0.6	16.3	0.1
04	67.5	42.2	54.8	3.1	3.8	3.3	115.5	86.6	51.2	15.3	1.9	0.6	120.1	151.1	205.7	319.9	0.0	0.1	28.5	0.0	7.0	0.0
05	75.4	53.0	64.2	3.0	3.3	3.0	303.7	251.8	181.5	85.1	22.6	9.5	18.6	28.6	51.3	110.0	0.0	0.3	31.0	0.0	0.5	0.0
06	82.6	61.1	71.9	2.4	2.3	2.1	505.4	445.8	357.1	216.3	97.5	61.4	0.1	0.4	1.7	10.9	0.1	4.9	30.0	0.0	0.0	0.0
07	85.6	65.2	75.4	2.5	2.1	2.1	632.3	570.3	477.3	323.6	177.7	125.1	0.0	0.0	0.0	1.2	0.3	8.8	31.0	0.0	0.0	0.0
08	84.8	63.5	74.2	2.8	2.2	2.2	593.5	531.6	438.9	286.4	146.1	98.3	0.0	0.0	0.3	2.9	0.1	7.6	31.0	0.0	0.0	0.0
09	79.4	56.0	67.7	3.5	3.2	2.8	384.6	328.0	247.4	130.6	49.0	27.1	3.8	7.1	16.4	49.8	0.0	3.2	30.0	0.0	0.0	0.0
10	68.9	44.5	56.7	3.0	2.7	2.3	137.7	104.4	63.5	21.7	5.2	2.7	85.0	113.7	165.8	279.1	0.0	0.2	30.1	0.0	4.2	0.0
11	56.7	33.5	45.1	4.6	3.1	3.6	22.8	14.9	6.9	1.0	0.1	0.0	319.6	371.8	453.8	597.9	0.0	0.0	23.4	0.2	16.1	0.0
12	47.4	29.0	38.2	4.6	3.9	4.1	6.7	3.7	1.2	0.0	0.0	0.0	527.4	586.5	676.9	830.8	0.0	0.0	14.3	2.9	21.8	0.0
Summary	66.4	44.4	55.4	3.6	3.2	3.1	2747	2367	1840	1083	500	325	2554	2904	3473	4540	0.5	25.1	297.6	11.8	110.7	1.2

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	5.48	11.1	8.2	3.4	1.2	3.93	5.58	6.89	
02	4.57	9.9	7.3	3.1	1.4	2.68	3.67	5.76	
03	5.36	12.1	9.0	4.2	1.5	4.15	5.14	6.50	
04	5.12	11.5	8.3	4.1	1.6	3.58	4.99	6.25	
05	5.41	12.1	8.9	3.6	1.6	3.95	5.11	6.05	
06	4.97	10.4	7.9	3.6	1.6	2.96	5.40	6.94	
07	5.09	11.5	8.7	3.6	1.3	3.12	4.57	6.39	
08	4.19	8.0	5.8	2.5	1.2	2.83	4.07	5.57	
09	4.64	8.3	5.9	2.6	1.1	2.02	4.63	6.57	
10	3.14	7.7	5.4	2.2	0.4	2.06	3.17	4.12	
11	4.01	9.1	6.4	2.7	0.9	2.60	3.69	4.98	
12	5.04	12.6	9.2	3.8	1.8	3.51	4.59	5.82	
Summary	57.02	124.3	91.0	39.4	15.6	37.39	54.61	71.84	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	1.10	0.9	0.5	0.1	0.0	0.0					0.00	0.00	0.40
02	2.80	1.4	1.0	0.3	0.3	0.0					0.00	1.30	4.80
03	1.00	0.5	0.3	0.1	0.0	0.0					0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	0.00	0.2	0.1	0.1	0.0	0.0					0.00	0.00	0.00
Summary	4.9	3.0	1.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.2

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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	66.5	92.1	232.1	452.9	750.2	955.3	1097.2	1058.4	830.8	521.3	206.1	101.5
45	31.5	46.4	138.0	319.8	595.8	805.3	942.3	903.5	680.9	376.7	115.6	50.5
50	13.3	20.4	72.2	205.1	445.1	655.4	787.3	748.5	531.5	244.9	57.3	21.7
55	4.5	7.8	32.3	115.5	303.7	505.4	632.3	593.5	384.6	137.7	22.8	6.7
60	1.2	2.3	11.8	51.2	181.5	357.1	477.3	438.9	247.4	63.5	6.9	1.2
Growing Degree Units for Corn (Monthly)												
50/86	36.9	60.7	143.4	274.8	468.6	642.0	759.6	723.5	534.0	314.4	128.1	53.3

Growing Degree Units (Accumulated Monthly)												
40	66	159	391	844	1594	2549	3646	4705	5536	6057	6263	6364
45	32	78	216	536	1132	1937	2879	3783	4464	4840	4956	5006
50	13	34	106	311	756	1412	2199	2947	3479	3724	3781	3803
55	4	12	45	160	464	969	1602	2195	2580	2717	2740	2747
60	1	4	15	66	248	605	1082	1521	1769	1832	1839	1840
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	37	98	241	516	984	1626	2386	3110	3644	3958	4086	4139

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