

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 400 ft. Lat: 38.0303° N Lon: 87.2736° W

Station: **BOONVILLE 1S, IN US USC00120852**

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	42.1	25.4	33.8	4.3	4.5	4.3	3.2	1.6	0.4	0.0	0.0	0.0	661.8	722.2	814.0	968.6	0.0	0.0	8.2	6.1	22.8	0.8	
02	47.4	28.6	38.0	5.0	4.5	4.7	7.4	4.7	2.2	0.4	0.0	0.0	483.4	536.6	618.2	756.3	0.0	0.0	12.1	3.1	18.5	0.3	
03	57.7	36.4	47.0	4.8	4.3	4.5	45.3	32.6	18.5	5.0	0.7	0.2	291.7	341.0	419.9	561.4	0.0	0.0	22.9	0.5	12.0	0.0	
04	69.9	46.1	58.0	3.0	3.2	3.0	166.6	130.8	85.3	32.9	7.8	3.4	76.6	100.8	145.3	243.0	0.0	0.0	29.3	0.0	2.5	0.0	
05	78.5	56.2	67.3	3.1	3.5	3.2	389.4	332.7	253.1	142.0	61.2	37.8	6.5	11.8	25.3	69.1	0.0	1.7	31.0	0.0	0.1	0.0	
06	86.3	64.5	75.4	2.5	2.5	2.3	611.9	552.0	462.5	316.3	181.7	134.7	0.0	0.1	0.6	4.4	0.2	10.0	30.0	0.0	0.0	0.0	
07	88.6	67.9	78.3	2.7	2.6	2.5	720.7	658.7	565.7	410.7	258.8	201.1	0.0	0.0	0.0	0.0	0.5	14.0	31.0	0.0	0.0	0.0	
08	87.5	65.8	76.7	2.5	2.6	2.3	671.1	609.1	516.1	361.6	213.4	159.9	0.0	0.0	0.0	0.6	0.2	11.2	31.0	0.0	0.0	0.0	
09	81.7	58.3	70.0	3.2	2.7	2.6	452.3	394.5	310.5	183.4	85.1	56.0	2.4	4.5	10.5	33.5	0.0	4.4	30.0	0.0	0.0	0.0	
10	70.3	47.0	58.6	2.7	2.5	2.1	177.6	139.3	91.2	35.5	9.5	5.2	64.5	88.2	133.0	232.4	0.0	0.1	30.4	0.0	2.3	0.0	
11	56.7	36.5	46.6	4.9	3.9	4.2	35.3	24.1	12.3	2.6	0.2	0.1	287.2	336.1	414.3	554.6	0.0	0.0	21.8	0.3	11.5	0.0	
12	45.8	29.2	37.5	4.3	4.1	4.1	6.2	3.6	1.4	0.2	0.0	0.0	548.6	608.0	698.8	852.6	0.0	0.0	11.1	3.7	20.0	0.2	
Summary	67.7	46.8	57.3	3.6	3.4	3.3	3287	2884	2319	1491	818	598	2423	2749	3280	4276	0.9	41.4	288.8	13.7	89.7	1.3	

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	3.52	9.3	6.3	2.4	0.9	2.55	3.36	4.26
02	3.59	9.1	6.1	2.6	1.0	2.27	2.89	4.23
03	4.93	10.8	7.5	3.6	1.4	3.34	4.44	6.34
04	5.52	11.0	8.0	3.5	1.9	3.59	4.79	7.00
05	5.14	11.7	8.1	3.6	1.4	3.43	4.45	6.27
06	4.56	9.2	6.3	3.2	1.6	2.62	4.04	5.85
07	4.69	9.2	6.5	3.3	1.2	3.49	4.42	6.12
08	3.22	7.4	5.0	1.9	1.0	1.51	2.67	5.14
09	3.80	7.1	5.4	2.5	1.2	1.68	3.24	4.90
10	3.75	7.9	5.4	2.6	1.0	2.23	3.16	4.87
11	4.22	9.1	6.3	2.7	1.2	2.54	4.04	5.64
12	4.23	10.4	7.0	3.0	1.2	3.17	4.06	4.95
Summary	51.17	112.2	77.9	34.9	15.0	32.42	45.56	65.57

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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	3.40	2.1	1.3	0.4	0.1	0.0	4.2	1.7	0.9	0.0	0.00	2.10	4.80
02	3.20	2.2	1.0	0.3	0.1	0.0	3.6	1.6	0.8	0.1	0.40	1.60	2.70
03	1.60	0.8	0.4	0.2	0.1	0.0	0.9	0.6	0.3	0.0	0.00	0.00	0.90
04	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
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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.30	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
12	2.70	1.5	1.0	0.3	0.1	0.0	2.7	1.4	0.4	0.2	0.00	1.00	3.90
Summary	11.3	6.8	3.8	1.2	0.4	0.0	11.5	5.4	2.4	0.3	0.4	4.7	12.3

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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	59.7	94.2	265.7	543.0	847.8	1061.8	1185.6	1136.0	899.9	579.8	244.4	90.6
45	27.7	47.8	164.8	401.8	692.8	911.9	1030.7	981.0	749.9	430.4	148.6	43.7
50	11.0	21.5	91.9	273.8	538.4	761.9	875.7	826.0	600.1	292.8	79.3	18.3
55	3.2	7.4	45.3	166.6	389.4	611.9	720.7	671.1	452.3	177.6	35.3	6.2
60	0.4	2.2	18.5	85.3	253.1	462.5	565.7	516.1	310.5	91.2	12.3	1.4
Growing Degree Units for Corn (Monthly)												
50/86	30.4	56.4	159.6	338.8	551.3	724.9	821.1	781.9	595.1	356.9	138.7	44.0

Growing Degree Units (Accumulated Monthly)												
40	60	154	420	963	1810	2872	4058	5194	6094	6673	6918	7008
45	28	76	240	642	1335	2247	3278	4258	5008	5439	5587	5631
50	11	32	124	398	937	1698	2574	3400	4000	4293	4372	4391
55	3	11	56	222	612	1224	1944	2616	3068	3246	3281	3287
60	0	3	21	106	360	822	1388	1904	2214	2306	2318	2319
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	87	246	585	1136	1861	2682	3464	4060	4416	4555	4599

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