

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 690 ft. Lat: 41.0267° N Lon: 86.5867° W
Station: WINAMAC 2SSE, IN US USC00129670

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	32.5	15.8	24.1	4.9	6.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	956.2	1018.2	1111.2	1266.2	0.0	0.0	2.9	15.7	28.2	4.5
02	36.3	18.3	27.3	5.8	6.0	5.8	0.3	0.1	0.1	0.0	0.0	0.0	775.8	831.6	915.6	1055.5	0.0	0.0	3.7	10.2	25.4	2.5
03	47.8	27.5	37.6	5.4	4.6	4.9	11.4	7.6	4.3	1.4	0.2	0.0	549.3	607.5	697.2	849.3	0.0	0.0	12.4	3.4	22.3	0.2
04	60.7	38.3	49.5	3.7	2.9	3.2	58.0	41.9	23.9	7.2	1.2	0.4	222.9	266.9	338.9	472.2	0.0	0.0	24.5	0.1	8.4	0.0
05	71.8	49.8	60.8	4.0	3.4	3.6	224.6	183.0	129.1	62.2	22.6	13.2	44.8	65.3	104.4	192.4	0.0	0.8	30.5	0.0	0.3	0.0
06	80.7	59.4	70.1	2.4	2.0	2.0	453.3	395.3	311.1	183.1	84.2	55.8	1.9	3.9	9.8	31.7	0.0	3.5	30.0	0.0	0.0	0.0
07	83.5	62.6	73.0	2.9	2.6	2.7	559.5	497.5	405.0	254.8	126.0	85.8	0.0	0.0	0.5	5.3	0.1	4.7	31.0	0.0	0.0	0.0
08	81.9	60.6	71.3	2.4	2.8	2.5	503.7	441.8	349.7	203.2	87.2	54.6	0.0	0.2	1.0	9.5	0.0	2.8	31.0	0.0	0.0	0.0
09	76.6	53.1	64.8	3.1	2.6	2.6	308.1	256.3	186.4	93.4	35.1	21.3	12.7	20.9	41.0	98.0	0.0	1.7	30.0	0.0	0.1	0.0
10	64.2	41.7	52.9	3.0	2.9	2.7	89.0	65.6	39.4	13.8	3.2	1.5	152.6	191.2	258.0	387.4	0.0	0.0	28.3	0.0	4.5	0.0
11	49.1	31.0	40.1	5.0	3.7	4.2	8.8	5.0	1.8	0.2	0.0	0.0	457.2	513.4	600.3	748.7	0.0	0.0	13.9	2.1	17.1	0.0
12	37.2	21.8	29.5	5.0	5.5	5.1	0.5	0.1	0.0	0.0	0.0	0.0	790.9	852.5	945.4	1100.4	0.0	0.0	4.2	10.1	26.6	1.4
Summary	60.2	40.0	50.1	4.0	3.8	3.7	2217	1894	1451	819	360	233	3964	4372	5023	6217	0.1	13.5	242.4	41.6	132.9	8.6

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	2.52	10.7	5.6	1.5	0.3	1.27	2.10	3.51	
02	2.07	8.5	5.0	1.2	0.4	1.26	1.74	2.48	
03	2.49	9.8	5.7	1.6	0.2	1.35	2.49	3.11	
04	3.71	11.1	7.4	2.7	0.8	2.44	3.56	4.32	
05	4.10	12.7	8.4	2.8	0.7	2.92	4.08	5.49	
06	4.27	11.7	7.7	3.1	1.0	2.89	3.87	5.80	
07	4.73	10.4	7.3	2.9	1.4	3.08	4.45	6.07	
08	4.18	9.4	5.9	2.8	1.0	2.78	3.44	4.89	
09	3.36	9.1	5.8	2.0	1.0	1.94	2.88	4.91	
10	3.16	10.7	6.2	2.0	0.7	1.83	2.73	4.05	
11	2.84	10.0	6.6	2.1	0.5	1.96	2.68	3.58	
12	2.38	10.5	5.7	1.3	0.4	1.57	1.99	2.76	
Summary	39.81	124.6	77.3	26.0	8.4	25.29	36.01	50.97	

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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	9.50	4.9	3.6	1.1	0.2	0.0	15.9	9.7	6.2	1.4	4.10	8.10	12.50
02	6.50	3.7	2.6	0.8	0.3	0.0	11.7	6.7	4.1	1.3	1.50	5.00	8.20
03	3.50	1.8	1.3	0.4	0.2	0.0	3.5	1.4	0.5	0.0	0.00	2.00	6.00
04	0.40	0.3	0.2	0.0	0.0	0.0	0.2	0.1	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.00	0.8	0.4	0.0	0.0	0.0	1.2	0.2	0.1	0.0	0.00	0.00	1.50
12	5.60	3.3	2.2	0.6	0.2	0.0	8.3	4.0	2.2	0.8	0.60	5.00	7.00
Summary	26.5	14.8	10.3	2.9	0.9	0.0	40.8	22.1	13.1	3.5	6.2	20.1	35.2

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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	11.0	17.6	102.2	311.9	644.8	901.3	1024.4	968.6	745.3	408.2	121.5	23.4
45	2.9	6.5	55.8	199.4	492.5	751.4	869.5	813.7	595.8	275.1	61.7	8.1
50	0.5	1.9	27.5	114.3	348.8	601.6	714.5	658.6	448.4	167.7	26.8	2.5
55	0.0	0.3	11.4	58.0	224.6	453.3	559.5	503.7	308.1	89.0	8.8	0.5
60	0.0	0.1	4.3	23.9	129.1	311.1	405.0	349.7	186.4	39.4	1.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.4	12.2	67.4	188.4	389.5	593.3	696.3	649.8	469.8	242.9	66.7	11.4
Growing Degree Units (Accumulated Monthly)												
40	11	29	131	443	1088	1989	3013	3982	4727	5135	5257	5280
45	3	9	65	265	757	1508	2378	3192	3788	4063	4124	4132
50	0	2	30	144	493	1095	1809	2468	2916	3084	3111	3113
55	0	0	12	70	294	748	1307	1811	2119	2208	2217	2217
60	0	0	4	28	157	468	874	1223	1410	1449	1451	1451
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	18	85	273	663	1256	1952	2602	3072	3315	3382	3393

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