

Summary of Monthly Normals
1991-2020
Generated on 10/26/2021

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	47.8	15.5	31.6	4.8	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	723.8	785.8	878.8	1033.8	0.0	0.0	14.9	4.5	30.5	2.3
02	51.6	19.3	35.5	5.9	3.4	4.1	1.5	0.9	0.2	0.0	0.0	0.0	548.7	604.0	687.3	827.1	0.0	0.0	16.7	3.3	26.5	1.1
03	61.8	28.1	45.0	4.1	2.7	3.0	19.4	11.4	4.4	0.4	0.0	0.0	331.0	385.1	471.1	622.1	0.0	0.1	25.3	0.7	21.6	0.1
04	69.6	36.8	53.2	3.8	2.4	2.9	82.6	57.8	30.6	7.4	1.2	0.5	136.5	171.7	234.5	361.3	0.0	0.9	27.6	0.1	7.9	0.0
05	79.2	47.5	63.3	3.7	2.1	2.7	286.2	236.1	168.5	81.1	28.6	16.7	27.4	39.2	64.6	132.2	0.5	6.4	30.8	0.0	0.8	0.0
06	90.0	57.8	73.9	3.9	2.4	3.0	567.3	507.9	419.8	278.2	155.0	114.7	0.6	1.1	3.0	11.4	5.2	17.5	30.0	0.0	0.0	0.0
07	94.5	63.0	78.7	2.7	1.9	2.1	735.9	674.0	581.0	426.7	276.2	218.8	0.0	0.0	0.0	0.7	9.7	24.1	31.0	0.0	0.0	0.0
08	91.7	61.1	76.4	3.2	1.9	2.3	663.2	601.3	508.4	355.5	209.2	156.2	0.0	0.0	0.2	2.3	5.0	20.6	31.0	0.0	0.0	0.0
09	84.6	51.9	68.2	3.6	2.8	3.0	406.2	350.3	270.9	155.4	69.8	45.7	9.0	13.1	23.6	58.1	1.3	11.7	29.8	0.0	0.2	0.0
10	71.3	37.4	54.3	4.1	2.9	3.1	104.2	76.3	44.6	13.1	2.1	1.0	124.2	158.4	219.7	343.2	0.0	2.0	28.9	0.4	7.9	0.0
11	58.2	24.9	41.6	5.7	3.0	4.0	8.7	4.8	2.0	0.3	0.0	0.0	412.2	468.3	555.4	703.8	0.0	0.0	22.0	1.2	24.9	0.3
12	47.6	16.0	31.8	4.6	2.8	3.4	0.2	0.1	0.0	0.0	0.0	0.0	718.9	780.8	873.8	1028.8	0.0	0.0	14.5	4.2	30.5	1.5
Summary	70.7	38.3	54.5	4.2	2.7	3.1	2875	2521	2030	1318	742	554	3032	3408	4012	5125	21.7	83.3	302.5	14.4	150.8	5.3

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	0.38	2.7	1.2	0.1	0.0	0.10	0.31	0.49
02	0.32	3.1	1.0	0.1	0.0	0.07	0.27	0.46
03	0.78	4.5	2.6	0.3	0.1	0.33	0.73	1.01
04	1.36	5.4	3.6	0.7	0.1	0.39	1.02	1.85
05	1.69	6.9	3.7	1.0	0.4	0.60	1.07	2.20
06	1.81	6.5	4.0	1.0	0.4	0.77	1.31	2.86
07	2.63	7.3	4.7	1.9	0.7	1.07	2.24	3.62
08	1.82	6.8	4.1	1.1	0.5	0.84	1.84	2.56
09	0.93	4.3	2.4	0.4	0.1	0.45	0.76	1.15
10	1.10	4.3	2.4	0.6	0.2	0.28	0.48	1.24
11	0.40	2.8	1.1	0.1	0.0	0.11	0.26	0.55
12	0.36	2.7	1.0	0.1	0.0	0.06	0.17	0.41
Summary	13.58	57.3	31.8	7.4	2.5	5.07	10.46	18.40

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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	3.9	1.8	1.5	0.5	0.1	0.0	5.5	2.2	1.4	0.3	1.7	3.5	5.3
02	2.3	1.8	1.2	0.4	0.1	0.0	2.9	1.5	0.2	0.0	0.0	1.2	3.5
03	3.3	1.2	1.1	0.5	0.3	0.0	1.3	0.5	0.2	0.0	0.0	2.0	5.7
04	0.4	0.3	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.5	0.4	0.3	0.1	0.1	0.0	0.5	0.4	0.3	0.2	0.0	0.0	0.0
11	1.9	1.1	0.8	0.2	0.1	0.0	1.4	0.6	0.2	0.0	0.0	1.0	1.5
12	2.9	1.9	1.2	0.3	0.1	0.1	3.9	1.2	0.8	0.5	0.2	1.7	3.1
Summary	16.2	8.5	6.2	2.1	0.8	0.1	15.6	6.4	3.1	1.0	1.9	9.4	19.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	26.3	57.6	217.0	408.5	724.2	1016.8	1201.1	1128.3	847.5	459.8	145.9	27.3
45	6.3	22.9	122.2	277.0	570.7	866.8	1046.0	973.2	698.2	320.5	74.5	8.1
50	0.9	6.9	56.6	166.2	422.8	716.8	890.9	818.2	550.3	199.3	30.9	1.6
55	0.0	1.5	19.4	82.6	286.2	567.3	735.9	663.2	406.2	104.2	8.7	0.2
60	0.0	0.2	4.4	30.6	168.5	419.8	581.0	508.4	270.9	44.6	2.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	68.1	94.5	211.9	300.2	456.7	630.3	748.7	711.9	528.6	335.7	162.9	65.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	26	84	301	709	1434	2450	3651	4780	5627	6087	6233	6260
45	6	29	151	428	999	1866	2912	3885	4583	4904	4978	4986
50	1	8	64	231	653	1370	2261	3079	3630	3829	3860	3861
55	0	2	21	104	390	957	1693	2356	2762	2866	2875	2875
60	0	0	5	35	204	624	1204	1713	1984	2028	2030	2030
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	68	163	374	675	1131	1762	2510	3222	3751	4087	4250	4315

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

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