

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

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	41.5	22.3	31.9	5.5	5.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	716.0	778.0	871.0	1026.0	0.0	0.0	6.4	4.5	28.6	0.7
02	50.0	29.1	39.6	4.4	3.4	3.5	1.0	0.4	0.1	0.0	0.0	0.0	433.6	489.0	572.7	712.6	0.0	0.0	15.7	0.5	21.8	0.0
03	62.1	36.9	49.5	3.4	2.4	2.6	27.1	16.2	7.0	1.0	0.1	0.0	197.7	248.8	332.6	481.5	0.0	0.0	28.8	0.0	9.7	0.0
04	69.6	43.7	56.7	3.2	2.4	2.7	120.2	87.6	49.7	14.9	2.9	1.3	70.7	98.0	150.1	265.4	0.0	0.2	29.6	0.0	2.6	0.0
05	80.1	53.0	66.6	3.6	2.5	2.9	367.3	312.5	236.0	129.0	52.5	32.7	9.3	16.4	32.9	81.0	0.3	6.0	31.0	0.0	0.1	0.0
06	92.5	63.0	77.8	3.8	2.6	3.1	682.6	622.8	533.4	388.0	251.4	201.7	0.2	0.4	1.0	5.5	7.3	22.5	30.0	0.0	0.0	0.0
07	98.7	70.3	84.5	2.8	2.7	2.5	914.4	852.4	759.3	604.5	450.0	388.6	0.0	0.0	0.0	0.0	17.8	29.3	31.0	0.0	0.0	0.0
08	95.8	67.9	81.9	2.8	2.3	2.3	832.3	770.3	677.3	522.5	368.7	308.0	0.0	0.0	0.1	0.2	10.5	27.5	31.0	0.0	0.0	0.0
09	87.1	58.3	72.7	2.8	2.2	2.2	532.8	474.3	388.1	251.7	133.5	95.3	1.9	3.4	7.2	20.7	1.3	14.6	30.0	0.0	0.1	0.0
10	72.1	44.2	58.1	3.4	3.1	2.7	158.1	120.1	74.8	26.0	6.0	2.8	60.4	84.4	132.0	238.3	0.0	1.0	30.5	0.0	2.6	0.0
11	55.9	32.6	44.3	4.1	2.4	2.9	8.3	4.7	1.9	0.3	0.0	0.0	330.8	387.2	474.4	622.8	0.0	0.0	23.2	0.1	18.2	0.0
12	41.9	23.9	32.9	4.1	3.3	3.5	0.1	0.0	0.0	0.0	0.0	0.0	684.9	746.9	839.9	995.0	0.0	0.0	6.2	3.1	28.7	0.1
Summary	70.6	45.4	58.0	3.7	2.9	3.0	3644	3261	2728	1938	1265	1030	2506	2853	3414	4449	37.2	101.1	293.4	8.2	112.4	0.8

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	0.55	4.2	2.1	0.2	0.0	0.24	0.44	0.78
02	0.56	4.5	1.9	0.1	0.0	0.19	0.43	0.76
03	0.65	4.9	2.2	0.3	0.0	0.17	0.59	1.01
04	0.71	5.0	2.4	0.2	0.0	0.31	0.51	1.05
05	0.75	4.8	2.2	0.2	0.0	0.22	0.54	1.04
06	0.43	2.4	1.1	0.1	0.0	0.04	0.23	0.52
07	0.73	4.7	2.3	0.4	0.1	0.11	0.48	1.15
08	0.90	6.0	2.6	0.3	0.1	0.27	0.81	1.35
09	0.88	4.9	2.5	0.5	0.1	0.29	0.67	1.19
10	1.12	5.5	3.1	0.7	0.1	0.42	0.86	1.32
11	0.56	4.1	1.6	0.2	0.0	0.22	0.52	0.84
12	0.61	3.8	1.9	0.2	0.0	0.34	0.57	0.80
Summary	8.45	54.8	25.9	3.4	0.4	2.82	6.65	11.81

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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	2.1	1.5	1.1	0.2	0.0	0.0					0.2	1.0	2.7
02	1.2	0.9	0.5	0.1	0.0	0.0					0.0	0.0	1.0
03	0.5	0.3	0.1	0.0	0.0	0.0					0.0	0.0	0.0
04	0.0	0.0	0.0	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
06	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
08	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
10	0.1	0.1	0.1	0.0	0.0	0.0					0.0	0.0	0.0
11	0.7	0.4	0.3	0.1	0.0	0.0					0.0	0.0	0.5
12	3.5	2.1	1.7	0.4	0.3	0.0					0.6	3.0	5.0
Summary	8.1	5.3	3.8	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.8	4.0	9.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13.2	75.8	303.2	500.2	823.0	1132.5	1379.4	1297.3	981.0	564.6	168.0	19.9
45	2.2	27.0	175.6	355.0	668.3	982.5	1224.4	1142.3	831.0	414.9	81.1	5.2
50	0.1	6.6	80.7	223.9	514.7	832.4	1069.4	987.3	681.1	276.2	29.6	1.1
55	0.0	1.0	27.1	120.2	367.3	682.6	914.4	832.3	532.8	158.1	8.3	0.1
60	0.0	0.1	7.0	49.7	236.0	533.4	759.3	677.3	388.1	74.8	1.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	8.8	50.1	194.1	305.6	515.5	718.3	870.3	831.7	633.5	357.9	112.8	11.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	89	392	892	1715	2848	4227	5525	6506	7070	7238	7258
45	2	29	205	560	1228	2211	3435	4577	5408	5823	5904	5910
50	0	7	87	311	826	1658	2728	3715	4396	4672	4702	4703
55	0	1	28	148	516	1198	2113	2945	3478	3636	3644	3644
60	0	0	7	57	293	826	1586	2263	2651	2726	2728	2728
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	59	253	559	1074	1792	2663	3494	4128	4486	4599	4610

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

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