

Summary of Monthly Normals
1991-2020
 Generated on 09/23/2021

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	74.8	50.0	62.4	2.7	3.9	3.1	261.3	214.1	151.5	69.7	20.1	9.9	31.8	46.6	76.9	150.0	0.0	0.0	30.9	0.0	1.9	0.0
02	77.8	52.8	65.3	3.6	3.9	3.6	300.7	252.4	185.7	94.7	34.0	19.1	12.3	20.0	37.4	86.4	0.0	0.1	28.0	0.0	0.6	0.0
03	81.4	55.9	68.7	3.1	3.9	3.4	427.4	368.8	284.9	160.0	65.8	39.3	4.3	7.6	16.7	46.8	0.0	0.6	31.0	0.0	0.1	0.0
04	86.2	60.9	73.5	2.2	2.8	2.4	556.7	496.9	407.8	264.8	137.6	94.9	0.2	0.3	1.3	8.3	0.0	3.2	30.0	0.0	0.0	0.0
05	90.8	66.6	78.7	1.7	2.2	1.7	734.7	672.7	579.7	425.1	271.8	212.4	0.0	0.0	0.0	0.4	0.1	14.4	31.0	0.0	0.0	0.0
06	92.9	71.9	82.4	1.8	1.4	1.3	822.0	762.0	671.9	521.9	372.0	312.0	0.0	0.0	0.0	0.0	0.2	20.6	30.0	0.0	0.0	0.0
07	93.8	73.4	83.6	1.1	1.1	1.0	886.6	824.6	731.6	576.6	421.6	359.6	0.0	0.0	0.0	0.0	0.1	24.9	31.0	0.0	0.0	0.0
08	93.5	73.7	83.6	1.2	1.3	1.1	886.6	824.6	731.6	576.6	421.6	359.6	0.0	0.0	0.0	0.0	0.0	23.7	31.0	0.0	0.0	0.0
09	92.1	72.4	82.2	1.2	1.2	1.0	817.4	757.4	667.4	517.4	367.5	307.5	0.0	0.0	0.0	0.0	0.0	18.3	30.0	0.0	0.0	0.0
10	87.3	66.1	76.7	1.8	2.8	2.1	672.9	611.0	518.6	367.1	222.8	169.9	0.2	0.3	0.9	4.4	0.0	5.0	31.0	0.0	0.0	0.0
11	80.9	57.9	69.4	2.2	3.6	2.8	434.8	377.4	294.2	168.1	71.3	44.3	2.7	5.3	12.1	35.9	0.0	0.4	30.0	0.0	0.0	0.0
12	76.8	53.3	65.0	3.2	4.7	3.9	330.3	278.2	205.8	105.6	36.1	19.1	18.8	28.7	49.3	104.1	0.0	0.1	30.9	0.0	0.6	0.0
Summary	85.7	62.9	74.3	2.1	2.7	2.3	7131	6440	5431	3848	2442	1948	70	109	195	436	0.4	111.3	364.8	0.0	3.2	0.0

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	3.00	7.5	4.4	2.3	0.9	1.54	2.61	4.08
02	2.33	7.5	3.7	1.4	0.6	1.04	1.82	2.91
03	2.78	6.2	3.7	1.9	1.0	0.76	2.05	4.56
04	2.88	5.9	3.8	2.1	0.9	1.82	2.83	4.02
05	4.04	7.5	5.2	2.7	1.3	1.82	2.68	4.18
06	9.71	15.3	11.6	6.4	3.3	6.38	9.76	13.04
07	8.65	17.9	12.7	5.9	2.8	7.47	8.84	10.09
08	8.85	17.8	13.1	6.7	3.0	7.35	8.37	10.34
09	6.99	14.5	8.9	4.4	2.0	4.20	6.63	9.00
10	2.58	8.1	5.1	1.4	0.6	0.93	2.60	3.62
11	1.76	6.0	3.2	1.2	0.5	0.67	1.61	2.31
12	2.54	8.1	3.7	1.5	0.7	0.95	1.53	2.90
Summary	56.11	122.3	79.1	37.9	17.6	34.93	51.33	71.05

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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	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
02	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
03	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
04	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
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	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
11	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
12	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
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	694.8	708.4	888.2	1006.5	1199.7	1272.0	1351.6	1351.6	1267.5	1137.7	882.0	776.6
45	542.2	568.8	733.2	856.5	1044.7	1122.0	1196.6	1196.6	1117.5	982.7	732.0	622.7
50	395.3	431.3	578.9	706.5	889.7	972.0	1041.6	1041.6	967.5	827.7	582.3	472.0
55	261.3	300.7	427.4	556.7	734.7	822.0	886.6	886.6	817.4	672.9	434.8	330.3
60	151.5	185.7	284.9	407.8	579.7	671.9	731.6	731.6	667.4	518.6	294.2	205.8
Growing Degree Units for Corn (Monthly)												
50/86	450.7	462.8	592.4	679.7	811.5	867.3	919.8	924.7	874.3	788.7	591.0	509.5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	695	1403	2291	3298	4498	5770	7121	8473	9740	10878	11760	12537
45	542	1111	1844	2701	3745	4867	6064	7261	8378	9361	10093	10716
50	395	827	1406	2112	3002	3974	5015	6057	7024	7852	8434	8906
55	261	562	989	1546	2281	3103	3989	4876	5693	6366	6801	7131
60	152	337	622	1030	1610	2282	3013	3745	4412	4931	5225	5431
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	451	914	1506	2186	2997	3864	4784	5709	6583	7372	7963	8472

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

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