

Summary of Monthly Normals
1991-2020
 Generated on 10/20/2021

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	47.7	26.1	36.9	5.0	3.7	3.9	0.2	0.1	0.0	0.0	0.0	0.0	561.3	623.2	716.1	871.1	0.0	0.0	13.4	1.9	25.7	0.2
02	52.1	29.0	40.6	4.6	2.9	3.1	0.2	0.0	0.0	0.0	0.0	0.0	404.8	460.6	544.6	684.5	0.0	0.0	16.3	0.3	21.6	0.0
03	59.2	34.0	46.6	4.3	2.3	3.1	7.9	3.4	0.8	0.0	0.0	0.0	268.4	325.9	416.2	570.6	0.0	0.0	25.4	0.0	15.1	0.0
04	64.7	38.5	51.6	3.5	2.2	2.7	46.2	28.7	12.4	1.7	0.0	0.0	148.2	190.6	264.3	403.6	0.0	0.0	27.7	0.0	7.4	0.0
05	74.1	46.6	60.3	4.8	2.6	3.6	204.8	161.6	106.7	43.0	11.8	5.8	39.0	57.8	95.9	187.2	0.0	1.5	30.8	0.0	0.7	0.0
06	84.6	53.8	69.2	4.1	2.3	3.1	431.0	374.3	292.7	172.7	79.9	51.9	5.0	8.3	16.6	46.7	0.7	10.2	30.0	0.0	0.0	0.0
07	93.9	60.4	77.2	3.0	2.8	2.8	686.6	624.7	532.1	378.7	231.7	177.9	0.1	0.2	0.6	2.5	3.8	23.9	31.0	0.0	0.0	0.0
08	92.1	58.1	75.1	2.3	2.1	2.0	623.1	561.1	468.4	316.1	173.8	124.3	0.0	0.1	0.4	3.1	1.3	21.8	31.0	0.0	0.0	0.0
09	83.8	50.3	67.0	2.7	2.1	2.1	367.2	311.6	232.1	117.9	39.9	21.0	5.7	10.2	20.7	56.5	0.2	7.5	30.0	0.0	0.0	0.0
10	70.4	39.7	55.1	3.5	2.6	2.7	89.9	62.4	33.4	8.2	0.6	0.1	88.4	122.8	186.9	316.6	0.0	0.2	29.9	0.0	5.4	0.0
11	56.7	31.0	43.8	4.1	2.5	3.1	3.8	1.3	0.1	0.0	0.0	0.0	338.3	395.8	484.6	634.4	0.0	0.0	22.3	0.2	19.3	0.0
12	46.7	25.7	36.2	3.0	4.2	3.2	0.4	0.2	0.0	0.0	0.0	0.0	583.0	644.8	737.6	892.4	0.0	0.0	11.5	1.7	26.6	0.2
Summary	68.8	41.1	55.0	3.7	2.7	3.0	2461	2129	1679	1038	538	381	2442	2840	3484	4669	6.0	65.1	299.3	4.1	121.8	0.4

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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	1.25	6.9	3.1	0.6	0.2	0.14	0.86	1.76
02	1.03	7.0	2.7	0.5	0.1	0.23	0.74	1.33
03	0.80	5.5	2.3	0.3	0.1	0.16	0.62	1.23
04	0.44	4.5	1.6	0.1	0.0	0.17	0.35	0.61
05	0.55	4.4	1.8	0.2	0.0	0.21	0.40	0.66
06	0.41	3.1	1.3	0.1	0.0	0.01	0.14	0.63
07	0.20	1.7	0.7	0.1	0.0	0.01	0.11	0.25
08	0.24	1.6	0.7	0.2	0.0	0.00	0.10	0.27
09	0.21	2.0	0.6	0.0	0.0	0.00	0.03	0.26
10	0.50	2.9	1.3	0.2	0.1	0.09	0.23	0.42
11	0.62	4.3	1.9	0.3	0.0	0.20	0.47	0.89
12	1.10	6.6	2.4	0.7	0.2	0.19	1.00	1.77
Summary	7.35	50.5	20.4	3.3	0.7	1.41	5.05	10.08

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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	5.2	3.4	1.6	0.5	0.2	0.0	5.5	3.3	2.2	1.2	0.5	1.3	7.6
02	5.2	3.3	1.6	0.6	0.2	0.0	2.4	0.9	0.3	0.0	0.9	3.8	6.7
03	2.9	2.0	0.8	0.1	0.1	0.0	1.0	0.3	0.1	0.0	0.0	0.6	4.5
04	0.4	0.7	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
05	0.1	0.2	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.8	1.2	0.6	0.2	0.0	0.0	0.9	0.3	0.1	0.0	0.0	0.0	2.8
12	5.2	3.0	1.2	0.4	0.2	0.0	4.0	1.4	0.7	0.1	1.3	3.2	6.4
Summary	20.9	13.9	5.9	1.8	0.7	0.0	13.9	6.2	3.4	1.3	2.7	8.9	28.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	43.3	84.2	226.0	352.4	630.8	876.0	1151.5	1088.0	811.4	469.1	160.9	43.3
45	9.7	27.1	113.4	220.4	477.2	726.0	996.6	933.1	661.5	323.2	74.9	13.0
50	1.4	5.1	39.1	115.7	331.2	576.8	841.5	778.0	512.4	191.8	24.6	2.4
55	0.2	0.2	7.9	46.2	204.8	431.0	686.6	623.1	367.2	89.9	3.8	0.4
60	0.0	0.0	0.8	12.4	106.7	292.7	532.1	468.4	232.1	33.4	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	38.8	68.3	157.0	225.3	385.9	547.0	714.7	678.3	513.7	318.3	122.3	31.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	43	128	354	706	1337	2213	3364	4452	5264	5733	5894	5937
45	10	37	150	371	848	1574	2570	3504	4165	4488	4563	4576
50	1	6	46	161	492	1069	1911	2689	3201	3393	3418	3420
55	0	0	8	54	259	690	1377	2000	2367	2457	2461	2461
60	0	0	1	13	120	413	945	1413	1645	1679	1679	1679
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	39	107	264	489	875	1422	2137	2815	3329	3647	3770	3801

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

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