

Summary of Monthly Normals
1991-2020
Generated on 12/08/2021

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	85.7	75.0	80.3	1.1	1.6	1.3	785.9	723.9	630.9	475.9	320.9	258.9	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
02	85.7	74.6	80.1	1.0	1.9	1.4	704.2	648.2	564.2	424.2	284.2	228.2	0.0	0.0	0.0	0.0	0.0	0.1	28.0	0.0	0.0	0.0
03	86.7	75.4	81.0	0.9	1.5	1.1	807.6	745.6	652.6	497.6	342.6	280.6	0.0	0.0	0.0	0.0	0.0	1.0	31.0	0.0	0.0	0.0
04	87.9	76.7	82.3	1.0	1.6	1.1	819.0	759.0	669.0	519.0	369.0	309.0	0.0	0.0	0.0	0.0	0.0	4.1	30.0	0.0	0.0	0.0
05	88.5	77.5	83.0	0.9	1.7	1.2	868.0	806.0	713.0	558.0	403.0	341.0	0.0	0.0	0.0	0.0	0.0	7.9	31.0	0.0	0.0	0.0
06	88.5	77.7	83.1	1.1	1.8	1.2	843.0	783.0	693.0	543.0	393.0	333.0	0.0	0.0	0.0	0.0	0.0	9.3	30.0	0.0	0.0	0.0
07	87.7	76.8	82.2	1.0	1.7	1.2	844.8	782.8	689.8	534.8	379.8	317.8	0.0	0.0	0.0	0.0	0.0	5.4	31.0	0.0	0.0	0.0
08	87.0	76.1	81.5	0.8	1.4	0.9	823.1	761.1	668.1	513.1	358.1	296.1	0.0	0.0	0.0	0.0	0.0	3.2	31.0	0.0	0.0	0.0
09	87.0	76.0	81.5	0.8	1.3	1.0	795.0	735.0	645.0	495.0	345.0	285.0	0.0	0.0	0.0	0.0	0.0	3.0	30.0	0.0	0.0	0.0
10	87.2	76.3	81.7	0.8	1.7	1.2	829.3	767.3	674.3	519.3	364.3	302.3	0.0	0.0	0.0	0.0	0.0	2.8	31.0	0.0	0.0	0.0
11	87.4	77.0	82.2	1.2	1.6	1.3	816.0	756.0	666.0	516.0	366.0	306.0	0.0	0.0	0.0	0.0	0.0	3.5	30.0	0.0	0.0	0.0
12	86.6	76.5	81.6	1.2	1.6	1.4	823.0	761.0	668.0	513.0	358.0	296.0	0.0	0.0	0.0	0.0	0.0	0.9	31.0	0.0	0.0	0.0
Summary	87.2	76.3	81.7	1.0	1.6	1.2	9759	9029	7934	6109	4284	3554	0	0	0	0	0.0	41.4	365.0	0.0	0.0	0.0

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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	5.34	20.1	11.0	2.7	1.1	2.93	4.61	6.72
02	4.15	18.0	8.6	2.2	0.8	2.48	3.72	5.17
03	2.77	18.3	7.6	1.3	0.2	1.64	2.43	4.01
04	3.50	18.9	8.3	1.3	0.5	1.55	2.89	4.78
05	4.45	19.7	9.4	2.3	0.7	2.31	3.52	6.58
06	6.51	23.2	14.0	4.0	1.2	4.62	6.03	7.62
07	12.25	26.0	17.8	6.7	3.3	7.13	10.30	14.71
08	17.66	25.9	19.2	9.7	5.2	11.15	15.52	21.37
09	15.17	25.1	19.3	8.9	4.5	11.97	15.19	17.26
10	12.73	25.4	18.0	7.8	3.5	9.95	12.12	14.88
11	8.29	23.9	14.3	4.8	2.2	5.13	6.30	10.53
12	5.30	22.7	11.5	2.7	0.8	3.35	4.30	7.29
Summary	98.12	267.2	159.0	54.4	24.0	64.21	86.93	120.92

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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	1250.9	1124.2	1272.6	1269.0	1333.0	1293.0	1309.8	1288.1	1245.0	1294.3	1266.0	1288.0
45	1095.9	984.2	1117.6	1119.0	1178.0	1143.0	1154.8	1133.1	1095.0	1139.3	1116.0	1133.0
50	940.9	844.2	962.6	969.0	1023.0	993.0	999.8	978.1	945.0	984.3	966.0	978.0
55	785.9	704.2	807.6	819.0	868.0	843.0	844.8	823.1	795.0	829.3	816.0	823.0
60	630.9	564.2	652.6	669.0	713.0	693.0	689.8	668.1	645.0	674.3	666.0	668.0
Growing Degree Units for Corn (Monthly)												
50/86	932.0	837.0	946.0	938.9	982.8	953.4	968.6	954.6	922.3	958.9	940.4	961.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1251	2375	3648	4917	6250	7543	8852	10141	11386	12680	13946	15234
45	1096	2080	3198	4317	5495	6638	7793	8926	10021	11160	12276	13409
50	941	1785	2748	3717	4740	5733	6732	7711	8656	9640	10606	11584
55	786	1490	2298	3117	3985	4828	5672	6496	7291	8120	8936	9759
60	631	1195	1848	2517	3230	3923	4612	5281	5926	6600	7266	7934
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	932	1769	2715	3654	4637	5590	6559	7513	8436	9394	10335	11296

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

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