

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	35.7	20.3	28.0	4.6	5.1	4.8	0.7	0.4	0.1	0.0	0.0	0.0	837.5	899.2	992.0	1146.8	0.0	0.0	2.9	13.6	26.7	1.5
02	38.8	21.9	30.3	4.7	5.0	4.7	0.6	0.3	0.1	0.0	0.0	0.0	690.7	746.5	830.3	970.1	0.0	0.0	3.8	9.2	24.0	0.8
03	47.6	28.9	38.3	5.0	3.9	4.4	8.2	5.2	2.2	0.3	0.0	0.0	527.4	586.4	676.4	829.5	0.0	0.0	11.9	3.1	21.0	0.1
04	61.1	39.3	50.2	3.2	2.3	2.6	57.3	41.6	24.3	8.4	2.0	1.0	201.3	245.6	318.3	452.4	0.0	0.1	24.0	0.0	7.3	0.0
05	72.2	49.6	60.9	3.5	3.2	3.2	212.4	168.7	113.8	50.2	16.6	9.0	29.6	47.8	85.9	177.3	0.0	0.7	30.7	0.0	0.6	0.0
06	79.9	58.1	69.0	2.2	1.5	1.6	421.1	362.6	278.0	153.0	62.2	38.4	1.1	2.7	8.0	33.1	0.0	1.6	30.0	0.0	0.0	0.0
07	84.6	62.7	73.7	3.0	2.4	2.6	578.0	516.0	423.1	270.6	136.2	93.7	0.0	0.0	0.1	2.6	0.0	5.6	31.0	0.0	0.0	0.0
08	82.4	61.1	71.8	2.6	2.2	2.3	519.2	457.3	364.7	216.8	95.8	60.6	0.0	0.1	0.5	7.6	0.0	2.7	31.0	0.0	0.0	0.0
09	75.1	54.0	64.6	3.1	2.3	2.4	297.0	244.3	173.2	82.0	27.8	16.0	10.5	17.9	36.8	95.6	0.0	1.0	30.0	0.0	0.1	0.0
10	63.1	43.3	53.2	3.0	2.8	2.7	80.4	57.1	31.2	9.0	1.6	0.5	136.2	174.9	242.0	374.8	0.0	0.0	27.9	0.0	3.8	0.0
11	51.2	34.3	42.7	4.4	2.9	3.6	11.9	6.8	2.4	0.2	0.0	0.0	379.4	434.3	519.8	667.7	0.0	0.0	14.9	1.0	14.4	0.0
12	40.3	26.3	33.3	4.4	4.2	4.2	1.3	0.6	0.1	0.0	0.0	0.0	673.9	735.2	827.7	982.6	0.0	0.0	4.4	8.0	23.9	0.1
Summary	61.0	41.7	51.3	3.6	3.2	3.3	2188	1861	1413	790	342	219	3488	3891	4538	5740	0.0	11.7	242.5	34.9	121.8	2.5

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	2.59	12.6	6.1	1.5	0.3	1.82	2.08	2.91
02	2.07	11.4	5.5	0.9	0.3	1.23	1.48	2.72
03	2.77	11.8	7.0	1.6	0.4	1.99	2.69	3.13
04	3.26	12.2	6.9	2.0	0.8	2.17	2.95	3.95
05	3.26	12.9	7.8	2.0	0.4	2.24	2.89	4.34
06	3.80	12.9	8.1	2.4	0.6	2.35	3.63	4.53
07	3.61	11.1	6.9	2.3	0.7	2.43	3.44	4.30
08	3.85	11.1	6.9	2.4	0.8	2.14	3.33	5.00
09	4.15	10.0	6.4	2.4	1.3	2.26	3.05	5.28
10	3.71	10.7	5.8	2.4	1.2	2.07	3.69	4.84
11	2.85	10.3	5.7	1.6	0.5	1.72	2.70	3.57
12	2.80	12.1	6.4	1.8	0.4	2.26	2.77	3.39
Summary	38.72	139.1	79.5	23.3	7.7	24.68	34.70	47.96

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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	11.7	8.7	3.5	1.1	0.4	0.1					5.2	7.6	12.3
02	10.9	8.4	3.6	1.0	0.5	0.0					6.4	8.9	13.5
03	10.1	4.8	2.4	0.7	0.4	0.1					2.6	6.9	14.7
04	0.8	1.0	0.2	0.1	0.0	0.0					0.0	0.1	0.8
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	0.7	0.3	0.2	0.1	0.1	0.0					0.0	0.0	0.1
11	3.2	1.7	0.8	0.4	0.2	0.0					0.1	0.8	4.9
12	7.7	6.3	2.8	0.7	0.3	0.0					3.8	7.6	10.8
Summary	45.1	31.2	13.5	4.1	1.9	0.2	0.0	0.0	0.0	0.0	18.1	31.9	57.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	19.8	22.8	98.2	322.3	647.9	869.9	1043.0	984.1	736.4	412.8	152.9	38.6
45	6.9	7.3	49.2	204.0	493.8	720.0	888.0	829.2	586.6	274.2	79.2	15.0
50	2.5	2.0	21.6	116.1	345.0	570.0	733.0	674.2	438.6	161.0	34.7	4.7
55	0.7	0.6	8.2	57.3	212.4	421.1	578.0	519.2	297.0	80.4	11.9	1.3
60	0.1	0.1	2.2	24.3	113.8	278.0	423.1	364.7	173.2	31.2	2.4	0.1
Growing Degree Units for Corn (Monthly)												
50/86	10.0	13.1	58.1	188.9	388.5	566.1	706.9	660.4	456.8	226.6	76.7	15.5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	20	43	141	463	1111	1981	3024	4008	4744	5157	5310	5349
45	7	14	63	267	761	1481	2369	3198	3785	4059	4138	4153
50	2	4	26	142	487	1057	1790	2464	2903	3064	3099	3103
55	1	1	10	67	279	700	1278	1798	2094	2175	2187	2188
60	0	0	2	27	140	418	842	1206	1380	1411	1413	1413
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	23	81	270	659	1225	1932	2592	3049	3275	3352	3368

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

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