

Summary of Monthly Normals
1991-2020
Generated on 12/01/2021

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	26.5	13.4	19.9	4.5	5.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1086.4	1148.4	1241.4	1396.5	0.0	0.0	0.3	20.0	29.6	5.1
02	29.4	15.8	22.6	4.7	5.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	907.1	963.1	1047.1	1187.2	0.0	0.0	0.4	15.5	26.5	2.8
03	38.5	24.6	31.6	3.8	4.0	3.8	0.6	0.4	0.2	0.0	0.0	0.0	727.5	789.3	882.1	1037.0	0.0	0.0	4.6	6.3	23.8	0.6
04	50.0	34.4	42.2	3.6	2.8	3.0	6.6	3.9	1.5	0.4	0.0	0.0	390.6	447.9	535.5	684.4	0.0	0.0	15.6	0.4	10.6	0.0
05	61.5	44.2	52.8	3.3	2.8	2.9	63.7	43.4	22.7	5.8	0.7	0.2	130.4	172.1	244.4	382.5	0.0	0.0	28.4	0.0	0.7	0.0
06	71.6	54.3	63.0	2.8	2.2	2.4	250.0	199.4	133.0	54.6	15.3	7.9	11.5	21.0	44.6	116.1	0.0	0.5	30.0	0.0	0.0	0.0
07	76.9	60.3	68.6	2.7	2.7	2.6	421.6	360.1	270.5	139.4	50.4	30.0	0.1	0.6	3.9	27.8	0.0	1.6	31.0	0.0	0.0	0.0
08	75.7	60.3	68.0	2.5	2.7	2.4	403.0	341.8	252.8	121.5	37.3	19.5	0.1	0.9	4.9	28.6	0.0	0.7	31.0	0.0	0.0	0.0
09	68.6	53.1	60.8	2.5	2.4	2.3	201.0	156.3	99.4	35.3	8.3	4.4	25.6	40.9	74.0	159.8	0.0	0.1	29.9	0.0	0.1	0.0
10	56.0	42.0	49.0	2.8	2.9	2.7	30.8	19.1	8.8	2.2	0.4	0.1	216.8	267.1	349.8	498.2	0.0	0.0	25.2	0.0	3.5	0.0
11	43.0	30.4	36.7	5.1	4.1	4.5	1.3	0.7	0.3	0.0	0.0	0.0	550.3	609.7	699.3	849.0	0.0	0.0	8.0	3.6	16.9	0.0
12	31.8	19.8	25.8	5.0	5.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	905.1	967.1	1060.1	1215.2	0.0	0.0	1.0	13.9	27.1	2.0
Summary	52.5	37.7	45.1	3.6	3.7	3.5	1379	1125	789	359	112	62	4952	5428	6187	7582	0.0	2.9	205.4	59.7	138.8	10.5

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	1.78	8.3	4.6	1.0	0.3	0.81	1.30	2.14
02	1.24	6.6	3.6	0.5	0.1	0.59	1.01	1.86
03	1.75	7.0	4.3	1.0	0.2	1.01	1.59	2.46
04	3.29	9.4	6.5	2.4	0.7	2.45	2.77	4.29
05	3.44	10.5	7.3	2.3	0.6	2.23	2.95	4.36
06	4.05	10.2	7.0	2.7	1.4	2.92	3.82	5.25
07	3.50	9.8	6.4	2.5	1.0	2.08	2.62	4.62
08	3.44	9.0	6.2	2.3	0.9	2.10	3.24	4.31
09	2.42	8.6	5.3	1.6	0.4	1.69	2.17	3.36
10	2.91	9.5	5.8	2.0	0.6	1.40	2.89	4.06
11	1.98	8.0	4.8	1.3	0.3	0.97	1.83	2.48
12	1.65	7.2	4.3	0.9	0.2	0.93	1.35	2.34
Summary	31.45	104.1	66.1	20.5	6.7	19.18	27.54	41.53

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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	7.8	3.7	2.7	0.8	0.2	0.1					4.1	5.8	9.1
02	10.0	4.6	2.6	0.9	0.5	0.0					4.6	7.8	14.1
03	3.2	2.1	1.3	0.4	0.1	0.0					0.0	2.0	6.3
04	1.4	0.7	0.4	0.2	0.0	0.0					0.0	0.0	1.0
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	0.2	0.1	0.1	0.0	0.0	0.0					0.0	0.0	0.0
11	0.9	0.9	0.6	0.1	0.0	0.0					0.0	0.1	1.5
12	11.1	3.4	2.0	0.8	0.4	0.0					3.2	8.9	15.9
Summary	34.6	15.5	9.7	3.2	1.2	0.1	0.0	0.0	0.0	0.0	11.9	24.6	47.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.7	1.4	24.9	127.2	400.0	688.4	886.5	867.8	625.4	292.2	64.5	5.1
45	0.0	0.1	8.4	56.4	257.6	538.4	731.4	712.8	476.4	170.3	23.7	1.2
50	0.0	0.0	2.1	21.1	141.5	390.3	576.5	557.8	332.4	84.2	6.5	0.2
55	0.0	0.0	0.6	6.6	63.7	250.0	421.6	403.0	201.0	30.8	1.3	0.0
60	0.0	0.0	0.2	1.5	22.7	133.0	270.5	252.8	99.4	8.8	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.6	11.5	60.0	193.0	398.8	572.1	556.3	351.5	121.2	19.9	1.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	2	27	154	554	1243	2129	2997	3622	3914	3979	3984
45	0	0	8	65	322	861	1592	2305	2782	2952	2976	2977
50	0	0	2	23	165	555	1132	1689	2022	2106	2112	2113
55	0	0	1	7	71	321	742	1146	1346	1377	1379	1379
60	0	0	0	2	24	157	428	681	780	789	789	789
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	12	72	265	664	1236	1792	2144	2265	2285	2286

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

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