

Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

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	40.2	28.6	34.4	4.1	4.5	4.3	0.8	0.4	0.1	0.0	0.0	0.0	639.2	700.8	793.6	948.4	0.0	0.0	5.6	6.7	19.9	0.1
02	42.7	29.9	36.3	4.5	4.3	4.3	1.2	0.6	0.1	0.0	0.0	0.0	524.8	580.1	663.7	803.6	0.0	0.0	6.4	4.1	17.2	0.0
03	49.9	36.2	43.1	3.8	3.1	3.4	10.4	6.3	2.8	0.6	0.0	0.0	380.8	438.7	528.2	681.0	0.0	0.0	14.7	0.9	9.4	0.0
04	61.3	46.0	53.6	2.7	1.9	2.2	75.6	53.8	30.7	10.4	3.3	2.2	116.1	154.3	221.2	350.9	0.0	0.1	26.8	0.0	0.6	0.0
05	71.8	55.7	63.7	3.1	2.3	2.6	279.0	225.1	155.0	72.4	27.8	17.4	7.7	15.8	38.7	111.1	0.0	1.1	31.0	0.0	0.0	0.0
06	81.1	65.7	73.4	2.1	1.4	1.7	552.1	492.3	403.4	262.5	141.4	102.1	0.1	0.3	1.5	10.5	0.1	4.2	30.0	0.0	0.0	0.0
07	86.4	71.9	79.2	2.8	2.3	2.5	748.5	686.6	593.6	438.6	285.5	226.9	0.0	0.0	0.0	0.1	0.5	9.3	31.0	0.0	0.0	0.0
08	84.5	71.0	77.7	2.1	2.1	2.0	705.2	643.2	550.2	395.5	244.8	188.2	0.0	0.0	0.0	0.4	0.2	5.8	31.0	0.0	0.0	0.0
09	77.2	64.4	70.8	2.0	1.9	1.9	474.5	415.3	328.5	194.8	91.1	61.0	0.5	1.3	4.6	20.9	0.0	1.1	30.0	0.0	0.0	0.0
10	66.0	53.3	59.6	2.4	2.4	2.3	181.3	138.8	87.1	31.7	8.5	4.4	37.1	56.7	97.9	197.5	0.0	0.0	30.5	0.0	0.0	0.0
11	55.0	43.2	49.1	3.5	2.9	3.1	31.5	19.6	8.2	1.1	0.0	0.0	208.5	256.6	335.1	478.1	0.0	0.0	21.3	0.1	2.6	0.0
12	45.4	34.7	40.0	3.8	3.7	3.7	4.3	2.2	0.8	0.1	0.0	0.0	467.7	527.6	619.2	773.5	0.0	0.0	9.5	2.5	12.3	0.0
Summary	63.5	50.1	56.7	3.1	2.7	2.8	3064	2684	2160	1408	802	602	2382	2732	3304	4376	0.8	21.6	267.8	14.3	62.0	0.1

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	3.25	10.3	6.0	2.2	0.8	2.40	3.05	4.07
02	2.93	10.2	5.8	2.1	0.7	1.88	2.86	3.44
03	4.01	10.9	7.1	2.6	1.0	3.31	4.00	4.65
04	3.85	11.2	6.4	2.2	0.9	2.40	3.48	4.78
05	3.58	11.6	6.6	2.6	0.9	2.74	3.43	4.48
06	4.03	10.7	6.8	2.8	1.1	2.46	3.77	4.75
07	4.30	9.7	6.3	2.9	1.0	2.59	4.35	5.46
08	4.41	9.5	6.4	2.8	1.0	2.84	4.07	5.35
09	3.88	8.3	5.8	2.5	1.1	2.42	3.43	5.15
10	3.81	9.0	5.2	2.6	1.2	1.78	3.84	4.90
11	3.15	8.8	5.5	2.4	0.8	1.73	2.98	4.13
12	4.08	11.5	7.3	3.2	1.1	3.01	3.91	4.94
Summary	45.28	121.7	75.2	30.9	11.6	29.56	43.17	56.10

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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	8.6	4.4	2.0	0.9	0.5	0.1	6.9	4.0	2.4	0.6	2.0	4.7	12.4
02	9.8	3.7	2.1	1.3	0.7	0.2	7.9	5.4	3.7	1.0	2.8	7.2	14.4
03	5.4	2.6	1.5	0.7	0.2	0.0	3.4	1.9	0.8	0.0	0.2	4.7	9.4
04	0.4	0.2	0.1	0.1	0.1	0.0	0.1	0.1	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	0.1	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	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	5.2	2.7	1.2	0.6	0.4	0.1	2.9	1.5	1.1	0.3	0.2	2.0	8.9
Summary	29.8	13.8	7.0	3.6	1.9	0.4	21.3	12.9	8.0	1.9	5.2	18.6	45.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	47.2	52.7	156.7	411.9	736.3	1001.9	1213.5	1170.2	923.9	609.2	289.2	105.9
45	15.7	19.1	75.3	272.9	581.3	851.9	1058.5	1015.2	773.9	455.2	169.9	44.8
50	4.1	5.6	30.5	156.6	426.8	701.9	903.5	860.1	623.9	309.0	83.6	15.5
55	0.8	1.2	10.4	75.6	279.0	552.1	748.5	705.2	474.5	181.3	31.5	4.3
60	0.1	0.1	2.8	30.7	155.0	403.4	593.6	550.2	328.5	87.1	8.2	0.8
Growing Degree Units for Corn (Monthly)												
50/86	14.7	19.3	61.4	191.5	428.5	683.9	861.2	834.1	619.4	323.2	110.9	31.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	47	100	257	668	1405	2407	3620	4790	5714	6323	6613	6719
45	16	35	110	383	964	1816	2875	3890	4664	5119	5289	5334
50	4	10	40	197	624	1326	2229	3089	3713	4022	4106	4121
55	1	2	12	88	367	919	1668	2373	2847	3029	3060	3064
60	0	0	3	34	189	592	1186	1736	2064	2151	2160	2160
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	34	95	287	715	1399	2260	3095	3714	4037	4148	4180

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

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