

## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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	74.5	50.0	62.2	2.6	4.2	3.2	251.1	203.4	139.2	59.5	13.7	5.0	26.3	40.5	69.3	144.5	0.0	0.0	31.0	0.0	1.7	0.0
02	77.6	52.4	65.0	3.6	3.8	3.5	289.8	240.6	172.9	81.3	22.2	10.0	9.8	16.6	32.9	81.4	0.0	0.1	28.0	0.0	0.7	0.0
03	80.7	55.2	67.9	3.3	3.7	3.2	405.9	347.7	263.6	139.2	45.8	22.5	4.4	8.2	17.1	47.7	0.0	0.9	31.0	0.0	0.2	0.0
04	85.2	59.8	72.5	2.0	2.5	2.0	525.2	465.4	376.4	232.8	105.8	66.6	0.2	0.4	1.4	7.8	0.0	5.6	30.0	0.0	0.0	0.0
05	89.8	64.9	77.4	1.4	2.5	1.7	692.8	630.8	537.8	383.0	230.5	172.0	0.0	0.0	0.0	0.1	0.0	19.7	31.0	0.0	0.0	0.0
06	91.7	70.7	81.2	1.6	1.6	1.2	785.9	725.9	635.9	485.9	336.0	276.0	0.0	0.0	0.0	0.0	0.3	25.1	30.0	0.0	0.0	0.0
07	92.3	72.8	82.5	1.1	1.1	0.9	854.1	792.1	699.1	544.1	389.1	327.1	0.0	0.0	0.0	0.0	0.1	27.5	31.0	0.0	0.0	0.0
08	92.5	73.6	83.1	1.1	1.2	0.9	869.5	807.5	714.5	559.5	404.5	342.5	0.0	0.0	0.0	0.0	0.2	28.0	31.0	0.0	0.0	0.0
09	90.7	72.2	81.4	1.5	1.2	1.1	793.5	733.5	643.5	493.5	343.5	283.7	0.0	0.0	0.0	0.0	0.1	23.6	30.0	0.0	0.0	0.0
10	86.5	66.1	76.3	1.8	2.9	2.1	660.4	598.5	505.9	353.9	208.6	155.6	0.1	0.2	0.7	3.6	0.0	10.1	31.0	0.0	0.0	0.0
11	80.8	57.4	69.1	2.3	3.6	2.7	424.5	366.4	282.0	154.2	60.7	36.0	1.4	3.3	8.9	31.1	0.0	0.8	30.0	0.0	0.0	0.0
12	76.6	53.0	64.8	3.5	4.8	4.0	319.6	266.9	194.0	94.2	28.1	12.9	15.8	25.1	45.2	100.4	0.0	0.0	31.0	0.0	0.5	0.0
Summary	84.9	62.3	73.6	2.1	2.8	2.2	6872	6179	5165	3581	2188	1710	58	94	176	417	0.7	141.4	365.0	0.0	3.1	0.0

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	2.85	7.2	4.5	1.7	0.9	1.95	2.48	3.54
02	2.44	5.6	3.3	1.5	0.8	1.03	1.95	3.13
03	3.00	5.8	4.0	1.8	0.9	1.15	1.74	4.68
04	2.98	5.2	3.6	1.9	1.0	1.70	2.21	4.03
05	3.75	7.3	5.4	2.7	1.4	1.21	3.25	4.96
06	9.95	15.4	11.6	6.2	3.4	5.80	7.61	13.15
07	9.81	18.7	13.5	6.4	3.3	6.76	10.10	12.38
08	10.12	18.6	13.8	6.4	3.6	7.48	10.07	12.42
09	8.45	15.5	11.1	5.2	2.7	5.54	8.28	11.60
10	3.19	8.2	5.1	2.2	1.0	1.93	2.79	3.92
11	2.02	5.3	2.9	1.0	0.5	0.67	1.19	2.29
12	2.51	7.0	3.8	1.3	0.6	0.67	1.42	2.93
Summary	61.07	119.8	82.6	38.3	20.1	35.89	53.09	79.03

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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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<b>Growing Degree Units (Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	690.1	700.0	866.5	975.0	1157.8	1236.0	1319.1	1334.5	1243.5	1125.3	873.0	768.9
45	536.4	560.1	711.5	825.0	1002.8	1086.0	1164.1	1179.5	1093.5	970.3	723.0	614.7
50	387.9	421.9	557.1	675.0	847.8	936.0	1009.1	1024.5	943.5	815.3	573.1	463.2
55	251.1	289.8	405.9	525.2	692.8	785.9	854.1	869.5	793.5	660.4	424.5	319.6
60	139.2	172.9	263.6	376.4	537.8	635.9	699.1	714.5	643.5	505.9	282.0	194.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	445.5	458.0	578.5	658.6	784.2	848.1	910.6	923.1	870.5	786.8	584.7	501.9

<b>Growing Degree Units (Accumulated Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	690	1390	2257	3232	4389	5625	6944	8279	9522	10648	11521	12290
45	536	1096	1808	2633	3636	4722	5886	7065	8159	9129	9852	10467
50	388	810	1367	2042	2890	3826	4835	5859	6803	7618	8191	8654
55	251	541	947	1472	2165	2951	3805	4674	5468	6128	6553	6872
60	139	312	576	952	1490	2126	2825	3539	4183	4689	4971	5165
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	446	904	1482	2141	2925	3773	4684	5607	6477	7264	7849	8350

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

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