

Summary of Monthly Normals
1991-2020
 Generated on 12/04/2021

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	24.1	3.1	13.6	4.0	5.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1283.2	1345.2	1438.2	1593.2	0.0	0.0	0.4	24.8	30.3	14.0
02	27.6	4.3	16.0	4.3	5.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1093.3	1149.3	1233.3	1373.3	0.0	0.0	0.1	19.5	27.5	11.9
03	37.5	15.9	26.7	3.4	4.9	4.0	0.1	0.0	0.0	0.0	0.0	0.0	877.5	939.3	1032.3	1187.3	0.0	0.0	3.0	8.9	28.5	4.3
04	51.1	28.9	40.0	2.4	2.3	2.2	3.8	2.3	1.0	0.1	0.0	0.0	453.7	512.3	600.9	750.1	0.0	0.0	16.1	0.4	20.2	0.1
05	65.5	40.1	52.8	3.5	2.2	2.5	62.9	42.6	22.2	6.2	1.5	0.8	131.2	172.9	245.5	384.5	0.0	0.2	29.9	0.0	5.4	0.0
06	74.2	49.7	62.0	2.3	2.2	1.9	219.9	171.8	110.8	43.0	10.0	4.7	11.5	23.4	52.4	134.6	0.0	0.5	30.0	0.0	0.2	0.0
07	78.9	55.4	67.1	2.4	2.2	2.1	376.9	315.7	227.4	101.9	30.4	16.1	0.3	1.2	5.8	35.3	0.0	0.7	31.0	0.0	0.0	0.0
08	77.6	53.5	65.5	2.0	1.9	1.7	328.5	268.9	184.9	75.7	19.7	9.2	1.6	4.0	12.9	58.8	0.0	0.7	31.0	0.0	0.0	0.0
09	68.9	45.7	57.3	2.5	2.7	2.4	127.6	93.8	56.0	19.0	4.9	2.3	58.7	84.8	137.1	250.0	0.0	0.2	29.9	0.0	2.3	0.0
10	55.3	35.4	45.4	3.2	2.7	2.8	13.5	7.6	3.2	0.6	0.0	0.0	312.6	368.7	457.3	609.7	0.0	0.0	22.6	0.0	11.4	0.0
11	41.5	25.8	33.6	3.3	3.0	3.0	1.0	0.6	0.1	0.0	0.0	0.0	641.5	701.1	790.6	940.5	0.0	0.0	6.0	4.3	23.0	0.2
12	29.9	13.0	21.5	3.6	5.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	1040.0	1102.0	1195.0	1350.0	0.0	0.0	0.9	17.8	29.3	5.1
Summary	52.7	30.9	41.8	3.1	3.4	3.0	1134	903	606	246	66	33	5905	6404	7201	8667	0.0	2.3	200.9	75.7	178.1	35.6

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	3.46	12.8	7.1	2.2	0.5	2.34	3.30	4.38
02	2.84	10.7	5.7	1.9	0.6	2.34	2.77	3.25
03	3.32	11.3	6.7	2.4	0.8	2.52	3.11	4.14
04	3.25	12.1	7.1	2.0	0.3	2.46	3.27	3.76
05	3.57	13.5	8.1	2.3	0.4	2.71	3.28	4.19
06	4.36	13.9	9.2	3.2	0.9	3.10	3.80	5.72
07	3.92	13.4	8.3	2.4	0.8	2.24	3.65	5.34
08	3.59	11.8	7.0	2.5	0.7	2.41	3.42	4.51
09	3.65	11.7	6.7	2.4	0.8	2.23	3.18	4.90
10	4.27	12.5	7.9	3.2	0.9	2.94	4.16	5.18
11	3.79	11.2	7.0	2.3	1.0	2.60	3.89	4.76
12	4.12	13.5	8.3	2.8	0.8	3.16	3.95	5.24
Summary	44.14	148.4	89.1	29.6	8.5	31.05	41.78	55.37

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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	22.8	11.9	6.4	2.6	1.2	0.2	29.8	27.1	23.4	18.1	15.8	23.5	29.4
02	20.9	10.7	5.3	2.6	1.2	0.3	28.3	26.9	26.2	23.0	14.5	20.1	26.3
03	19.0	8.6	4.9	2.1	1.2	0.3	28.7	26.5	24.4	20.9	11.6	18.2	27.7
04	6.3	3.7	1.8	0.5	0.3	0.1	10.2	7.3	5.9	3.4	2.1	3.3	7.1
05	0.1	0.1	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	0.7	0.8	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.9
11	6.5	4.5	1.9	0.7	0.3	0.0	5.1	2.5	1.3	0.3	2.7	5.0	8.1
12	19.6	10.4	5.7	2.2	1.0	0.1	23.1	17.2	12.3	6.3	12.1	17.9	27.2
Summary	95.9	50.7	26.2	10.7	5.2	1.0	125.5	107.5	93.5	72.0	58.8	88.0	126.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.8	0.6	8.0	88.9	398.2	658.4	841.5	791.9	519.3	198.0	38.4	3.0
45	0.0	0.0	2.7	35.8	254.6	508.5	686.6	637.0	372.4	100.7	14.3	0.6
50	0.0	0.0	1.0	12.1	139.3	359.7	531.6	482.0	237.5	41.0	3.9	0.0
55	0.0	0.0	0.1	3.8	62.9	219.9	376.9	328.5	127.6	13.5	1.0	0.0
60	0.0	0.0	0.0	1.0	22.2	110.8	227.4	184.9	56.0	3.2	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	0.3	7.8	65.1	248.5	405.9	540.7	502.1	312.2	107.6	18.1	1.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	1	9	98	496	1155	1996	2788	3308	3506	3544	3547
45	0	0	3	38	293	802	1488	2125	2498	2598	2613	2613
50	0	0	1	13	152	512	1044	1526	1763	1804	1808	1808
55	0	0	0	4	67	287	664	992	1120	1133	1134	1134
60	0	0	0	1	23	134	361	546	602	606	606	606
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	8	74	322	728	1269	1771	2083	2191	2209	2210

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

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