

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	73.7	50.6	62.2	2.8	3.7	3.1	255.5	208.4	145.7	64.3	16.4	7.2	33.7	48.6	78.9	152.4	0.0	0.0	30.9	0.0	1.6	0.0
02	76.7	53.3	65.0	3.6	3.7	3.6	292.0	244.0	178.4	88.6	29.6	15.8	12.0	20.0	38.5	88.6	0.0	0.0	28.0	0.0	0.4	0.0
03	80.2	56.5	68.3	3.0	3.5	3.1	417.9	359.2	275.2	150.7	55.3	30.1	4.0	7.3	16.3	46.8	0.0	0.4	31.0	0.0	0.0	0.0
04	85.1	61.4	73.2	2.0	2.6	2.2	547.7	487.9	398.7	255.5	127.2	84.8	0.2	0.4	1.2	8.0	0.0	4.5	30.0	0.0	0.0	0.0
05	89.5	66.9	78.2	1.6	2.3	1.7	719.2	657.2	564.2	409.3	255.6	196.8	0.0	0.0	0.0	0.1	0.0	16.0	31.0	0.0	0.0	0.0
06	91.3	72.3	81.8	1.9	1.3	1.3	804.0	744.0	654.0	504.0	354.0	294.0	0.0	0.0	0.0	0.0	0.1	21.1	30.0	0.0	0.0	0.0
07	92.1	74.2	83.2	0.9	0.9	0.8	872.6	810.6	717.6	562.6	407.6	345.6	0.0	0.0	0.0	0.0	0.0	25.0	31.0	0.0	0.0	0.0
08	92.2	74.4	83.3	1.1	1.2	0.9	877.3	815.3	722.3	567.3	412.3	350.3	0.0	0.0	0.0	0.0	0.0	26.2	31.0	0.0	0.0	0.0
09	90.3	73.1	81.7	1.1	1.2	1.0	801.0	741.0	650.9	500.9	351.0	291.2	0.0	0.0	0.0	0.0	0.0	19.3	30.0	0.0	0.0	0.0
10	85.9	66.9	76.4	1.7	2.7	2.0	663.4	601.6	509.1	357.7	213.8	161.6	0.1	0.2	0.8	4.4	0.0	5.9	31.0	0.0	0.0	0.0
11	79.8	58.6	69.2	1.9	3.5	2.6	428.3	370.8	287.6	161.4	65.4	38.9	2.2	4.8	11.5	35.3	0.0	0.3	30.0	0.0	0.0	0.0
12	75.6	53.9	64.8	3.4	4.6	3.9	324.9	273.3	202.1	100.8	32.0	15.9	22.7	33.1	54.9	108.6	0.0	0.0	30.9	0.0	0.6	0.0
Summary	84.4	63.5	73.9	2.1	2.6	2.2	7004	6313	5306	3723	2320	1832	75	114	202	444	0.1	118.7	364.8	0.0	2.6	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	2.99	6.9	4.3	2.0	1.0	1.73	2.88	4.07
02	2.33	6.4	3.8	1.5	0.6	0.80	1.82	2.65
03	3.06	5.4	4.0	1.7	1.1	0.77	2.04	5.03
04	2.82	5.4	4.0	2.2	0.7	1.56	2.65	4.16
05	3.80	7.8	5.5	2.8	1.2	1.54	2.75	4.01
06	8.69	16.5	12.3	5.5	3.1	6.72	8.35	10.54
07	8.85	19.0	13.7	6.4	2.7	7.17	8.24	9.34
08	9.08	18.7	13.5	5.9	3.0	7.91	8.91	10.36
09	7.62	14.9	9.6	4.2	2.5	4.60	6.77	9.91
10	3.04	7.5	4.6	1.1	0.5	0.94	2.22	4.06
11	1.93	5.1	3.2	1.3	0.6	0.58	1.51	2.42
12	2.61	7.1	4.3	1.5	0.8	1.05	1.66	2.37
Summary	56.82	120.7	82.8	36.1	17.8	35.37	49.80	68.92

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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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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	687.1	700.0	878.9	997.5	1184.2	1254.0	1337.7	1342.3	1251.0	1128.4	876.0	767.5
45	534.5	560.3	723.9	847.5	1029.2	1104.0	1182.7	1187.3	1101.0	973.4	726.0	614.1
50	388.8	422.6	569.4	697.5	874.2	954.0	1027.7	1032.3	951.0	818.4	576.2	464.1
55	255.5	292.0	417.9	547.7	719.2	804.0	872.6	877.3	801.0	663.4	428.3	324.9
60	145.7	178.4	275.2	398.7	564.2	654.0	717.6	722.3	650.9	509.1	287.6	202.1
Growing Degree Units for Corn (Monthly)												
50/86	437.6	452.6	583.1	678.9	812.1	871.4	931.8	935.2	883.1	794.5	586.4	498.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	687	1387	2266	3264	4448	5702	7039	8382	9633	10761	11637	12405
45	534	1095	1819	2666	3695	4799	5982	7169	8270	9244	9970	10584
50	389	811	1381	2078	2952	3906	4934	5966	6918	7736	8312	8776
55	256	548	965	1513	2232	3036	3909	4786	5587	6251	6679	7004
60	146	324	599	998	1562	2216	2934	3656	4307	4816	5104	5306
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	438	890	1473	2152	2964	3836	4768	5703	6586	7380	7967	8465

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

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