

Summary of Monthly Normals
1991-2020
Generated on 10/18/2021

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	66.6	48.0	57.3	3.1	1.8	2.1	95.4	58.9	24.6	3.3	0.0	0.0	24.1	49.6	108.3	242.0	0.0	0.0	31.0	0.0	0.2	0.0
02	66.5	48.5	57.5	2.7	2.0	2.0	92.5	58.5	25.6	4.8	0.5	0.1	22.5	44.4	95.6	214.8	0.0	0.0	28.0	0.0	0.1	0.0
03	68.2	50.8	59.5	2.7	2.3	2.4	150.7	102.2	47.2	9.6	1.9	1.0	11.2	24.7	62.7	180.1	0.0	0.1	31.0	0.0	0.1	0.0
04	70.8	53.1	61.9	2.5	2.0	2.1	210.8	155.2	83.5	22.1	4.3	2.0	2.3	6.7	25.0	113.6	0.0	0.3	30.0	0.0	0.1	0.0
05	72.0	56.6	64.3	2.3	2.2	2.0	288.5	227.0	137.9	32.8	5.7	3.0	0.2	0.7	4.6	54.5	0.0	0.5	31.0	0.0	0.0	0.0
06	74.7	60.3	67.5	1.7	1.6	1.5	375.0	315.0	225.1	82.3	10.4	4.7	0.0	0.0	0.1	7.3	0.0	0.3	30.0	0.0	0.0	0.0
07	78.0	63.1	70.6	1.9	1.7	1.8	482.0	420.0	327.0	172.8	46.8	21.6	0.0	0.0	0.0	0.8	0.0	0.5	31.0	0.0	0.0	0.0
08	79.1	63.6	71.3	2.2	2.0	2.0	506.8	444.8	351.9	197.9	63.9	32.4	0.0	0.0	0.0	1.0	0.0	0.9	31.0	0.0	0.0	0.0
09	78.4	62.2	70.3	2.6	2.0	2.2	459.0	399.0	309.1	162.3	51.2	28.2	0.0	0.0	0.1	3.3	0.1	1.5	30.0	0.0	0.0	0.0
10	75.8	57.9	66.9	3.3	2.4	2.5	367.3	305.4	214.0	86.7	25.3	15.0	0.0	0.1	1.7	29.3	0.1	2.0	31.0	0.0	0.0	0.0
11	70.6	51.9	61.3	2.4	2.3	2.1	192.6	139.4	74.6	20.1	4.7	2.6	5.1	11.9	37.1	132.6	0.0	0.4	30.0	0.0	0.0	0.0
12	65.9	47.3	56.6	2.1	1.9	1.5	79.4	44.9	15.0	0.8	0.0	0.0	29.7	57.2	120.3	261.1	0.0	0.0	31.0	0.0	0.1	0.0
Summary	72.2	55.3	63.8	2.5	2.0	2.0	3300	2670	1836	796	215	111	95	195	456	1240	0.2	6.5	365.0	0.0	0.6	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	3.25	5.9	4.8	2.4	1.1	0.74	1.61	4.34
02	3.46	5.7	4.5	2.3	1.2	0.68	3.02	4.62
03	2.16	4.3	3.0	1.6	0.5	0.43	1.87	3.23
04	0.60	1.8	1.2	0.5	0.1	0.06	0.31	0.94
05	0.38	0.9	0.6	0.2	0.0	0.00	0.03	0.74
06	0.06	0.3	0.1	0.0	0.0	0.00	0.00	0.00
07	0.02	0.5	0.1	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.13	0.3	0.1	0.1	0.0	0.00	0.00	0.01
10	0.56	1.4	0.8	0.3	0.2	0.00	0.09	0.77
11	0.94	2.5	1.5	0.6	0.1	0.25	0.65	1.55
12	2.49	4.9	3.4	1.6	0.9	1.05	1.82	3.61
Summary	14.05	28.5	20.1	9.6	4.1	3.21	9.40	19.81

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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	536.3	490.0	604.5	658.5	753.3	825.0	947.0	971.8	909.0	832.3	637.5	514.7
45	381.3	350.2	449.5	508.5	598.3	675.0	792.0	816.8	759.0	677.3	487.6	359.7
50	227.9	212.0	295.1	358.5	443.3	525.0	637.0	661.8	609.0	522.3	337.9	207.0
55	95.4	92.5	150.7	210.8	288.5	375.0	482.0	506.8	459.0	367.3	192.6	79.4
60	24.6	25.6	47.2	83.5	137.9	225.1	327.0	351.9	309.1	214.0	74.6	15.0
Growing Degree Units for Corn (Monthly)												
50/86	273.6	247.8	316.7	365.0	443.1	524.3	635.5	658.2	604.5	516.3	352.3	259.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	536	1026	1631	2289	3043	3868	4815	5786	6695	7528	8165	8680
45	381	732	1181	1690	2288	2963	3755	4572	5331	6008	6496	6855
50	228	440	735	1094	1537	2062	2699	3361	3970	4492	4830	5037
55	95	188	339	549	838	1213	1695	2202	2661	3028	3221	3300
60	25	50	97	181	319	544	871	1223	1532	1746	1820	1836
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	274	521	838	1203	1646	2170	2806	3464	4069	4585	4937	5197

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

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