

Summary of Monthly Normals
1991-2020
 Generated on 11/30/2021

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	67.1	42.6	54.8	3.4	4.0	3.5	113.6	85.1	50.9	15.7	1.9	0.5	118.1	151.6	210.3	330.2	0.0	0.0	29.8	0.0	6.2	0.0
02	70.9	45.9	58.4	3.9	4.3	3.9	153.3	119.5	77.4	28.5	6.0	2.5	58.1	80.4	122.3	213.3	0.0	0.0	27.6	0.0	2.8	0.0
03	75.8	49.7	62.7	3.5	3.7	3.4	264.7	215.2	147.9	62.0	14.6	6.0	24.4	36.9	62.7	131.7	0.0	0.1	30.9	0.0	1.2	0.0
04	81.5	55.5	68.5	2.2	2.9	2.4	407.3	349.2	265.2	140.4	51.8	29.2	2.3	4.1	10.2	35.3	0.0	2.0	30.0	0.0	0.0	0.0
05	87.4	62.6	75.0	2.2	2.4	2.0	620.0	558.1	465.5	313.1	171.4	121.2	0.0	0.2	0.5	3.1	0.1	11.4	31.0	0.0	0.0	0.0
06	90.3	69.5	79.9	2.2	1.4	1.5	746.9	686.9	597.0	446.9	297.1	237.7	0.0	0.0	0.0	0.0	0.4	18.4	30.0	0.0	0.0	0.0
07	91.1	71.6	81.4	1.3	1.0	1.0	816.8	754.8	661.8	506.8	351.9	289.9	0.0	0.0	0.0	0.0	0.0	23.2	31.0	0.0	0.0	0.0
08	90.5	72.0	81.3	1.5	1.4	1.2	813.7	751.7	658.7	503.7	348.7	286.7	0.0	0.0	0.0	0.0	0.0	20.9	31.0	0.0	0.0	0.0
09	88.1	69.4	78.8	1.7	1.7	1.4	712.4	652.4	562.4	412.5	264.3	206.6	0.0	0.0	0.0	0.1	0.0	12.6	30.0	0.0	0.0	0.0
10	82.1	60.6	71.4	1.9	3.1	2.1	508.9	448.6	359.8	221.8	106.6	70.4	2.1	3.8	8.0	24.9	0.0	1.8	31.0	0.0	0.0	0.0
11	74.7	50.6	62.7	2.8	4.0	3.2	255.1	207.3	143.4	62.4	18.4	9.8	25.5	37.7	63.8	132.8	0.0	0.0	30.0	0.0	1.0	0.0
12	69.3	45.2	57.3	3.6	4.9	4.1	155.9	121.8	78.4	27.5	4.7	1.6	86.2	114.0	163.6	267.7	0.0	0.0	30.4	0.0	3.7	0.0
Summary	80.7	57.9	69.3	2.5	2.9	2.5	5569	4951	4068	2741	1637	1262	317	429	641	1139	0.5	90.4	362.7	0.0	14.9	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	3.29	8.2	5.2	2.3	1.1	1.68	3.35	4.25
02	2.67	7.2	4.1	1.9	0.7	1.03	1.97	3.80
03	3.49	7.4	5.3	2.2	1.0	1.78	2.85	4.55
04	2.74	6.2	3.8	1.9	0.8	1.11	2.53	3.49
05	3.08	6.9	4.5	2.2	1.0	1.45	2.64	4.12
06	7.56	14.9	11.0	4.8	2.1	5.61	6.83	8.88
07	6.68	15.9	10.5	4.2	1.9	4.43	6.48	7.66
08	6.40	16.1	10.4	4.0	2.1	4.05	6.39	7.55
09	5.05	11.0	6.9	2.7	1.4	2.41	3.90	7.17
10	2.68	7.2	4.0	1.6	0.7	1.12	2.21	3.64
11	1.79	5.8	3.0	1.2	0.5	0.87	1.73	2.68
12	2.88	7.0	4.5	1.9	0.9	1.00	2.01	3.69
Summary	48.31	113.8	73.2	30.9	14.2	26.54	42.89	61.48

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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	466.7	516.5	705.4	855.0	1085.0	1197.0	1281.9	1278.7	1162.5	971.8	679.5	537.2
45	326.7	381.6	551.7	705.0	930.0	1047.0	1126.8	1123.7	1012.4	816.9	530.6	390.7
50	206.2	256.6	402.3	555.3	775.0	896.9	971.8	968.7	862.4	662.1	386.5	260.7
55	113.6	153.3	264.7	407.3	620.0	746.9	816.8	813.7	712.4	508.9	255.1	155.9
60	50.9	77.4	147.9	265.2	465.5	597.0	661.8	658.7	562.4	359.8	143.4	78.4
Growing Degree Units for Corn (Monthly)												
50/86	292.2	326.5	453.3	561.8	732.7	825.6	890.1	894.6	817.2	661.3	434.9	337.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	467	983	1689	2544	3629	4826	6108	7386	8549	9520	10200	10737
45	327	708	1260	1965	2895	3942	5069	6192	7205	8022	8552	8943
50	206	463	865	1420	2195	3092	4064	5033	5895	6557	6944	7204
55	114	267	532	939	1559	2306	3123	3936	4649	5158	5413	5569
60	51	128	276	541	1007	1604	2266	2924	3487	3847	3990	4068
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	292	619	1072	1634	2366	3192	4082	4977	5794	6455	6890	7227

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

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