

Summary of Monthly Normals
1991-2020
 Generated on 12/07/2021

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	27.2	11.4	19.3	4.3	6.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1106.5	1168.5	1261.5	1416.5	0.0	0.0	0.2	21.5	30.3	6.0
02	29.0	10.3	19.7	4.6	7.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	989.7	1045.7	1129.7	1269.7	0.0	0.0	0.5	17.6	27.5	6.6
03	37.6	17.9	27.8	3.9	5.0	4.3	0.7	0.5	0.3	0.0	0.0	0.0	845.4	907.2	1000.0	1154.7	0.0	0.0	4.0	9.0	28.4	2.6
04	49.0	30.1	39.5	4.0	2.7	3.3	4.1	2.1	0.7	0.1	0.0	0.0	467.6	525.6	614.2	763.6	0.0	0.0	13.4	1.2	18.9	0.1
05	61.8	41.3	51.5	3.8	2.7	3.1	52.5	35.8	18.9	5.2	0.7	0.2	159.5	204.7	280.9	422.1	0.0	0.1	27.8	0.0	3.3	0.0
06	72.1	51.7	61.9	2.8	2.1	2.4	222.3	173.6	112.3	45.4	13.4	7.7	15.4	26.7	55.4	138.5	0.0	0.6	30.0	0.0	0.0	0.0
07	77.4	57.7	67.6	3.0	2.4	2.6	389.6	329.0	241.7	120.1	42.1	24.2	0.6	2.0	7.7	41.1	0.0	1.2	31.0	0.0	0.0	0.0
08	76.6	57.0	66.8	2.1	2.2	2.0	366.7	306.6	220.2	100.2	30.8	17.1	1.0	2.9	9.5	44.5	0.0	1.0	31.0	0.0	0.0	0.0
09	69.5	49.5	59.5	2.9	2.4	2.6	176.5	136.9	87.9	34.6	9.3	5.4	41.6	62.0	103.0	199.7	0.0	0.2	29.8	0.0	0.3	0.0
10	56.3	38.9	47.6	3.1	2.6	2.7	30.5	20.3	10.3	2.6	0.7	0.4	259.8	311.6	394.7	542.0	0.0	0.0	22.4	0.0	6.3	0.0
11	43.7	29.5	36.6	4.3	3.6	3.9	2.1	1.2	0.3	0.0	0.0	0.0	554.1	613.2	702.3	852.0	0.0	0.0	7.8	3.1	19.5	0.1
12	33.4	20.5	26.9	4.0	4.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	869.5	931.5	1024.5	1179.5	0.0	0.0	0.9	13.6	28.5	1.2
Summary	52.8	34.6	43.7	3.6	3.6	3.5	1245	1006	693	308	97	55	5311	5802	6583	8024	0.0	3.1	198.8	66.0	163.0	16.6

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	1.80	15.7	5.3	0.7	0.1	1.29	1.80	2.11
02	1.32	11.5	4.1	0.4	0.0	0.62	1.25	1.74
03	1.76	10.4	4.8	0.7	0.1	0.84	1.30	2.61
04	2.78	11.5	6.7	1.6	0.5	1.83	2.53	3.31
05	2.88	12.4	6.6	1.6	0.4	2.03	2.43	3.64
06	2.89	10.7	5.5	1.8	0.6	1.89	2.44	3.75
07	3.11	11.2	6.0	2.3	0.6	2.21	2.86	3.85
08	3.30	10.4	6.2	2.1	0.8	2.23	2.96	3.93
09	3.36	12.8	7.4	2.2	0.6	2.19	3.13	4.43
10	4.09	16.3	9.3	2.5	0.7	2.66	3.82	5.89
11	2.60	14.9	6.5	1.3	0.3	1.83	2.40	3.60
12	2.08	15.2	6.3	0.5	0.2	1.48	1.91	2.50
Summary	31.97	153.0	74.7	17.7	4.9	21.10	28.83	41.36

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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	24.2	12.3	9.3	2.9	1.0	0.1	28.8	24.9	19.4	9.0	16.1	23.4	29.0
02	18.1	9.0	6.5	2.3	0.8	0.1	27.2	24.6	21.3	12.0	13.3	17.0	22.0
03	11.6	5.3	3.9	1.4	0.6	0.1	20.8	17.3	13.5	6.8	5.5	10.5	15.8
04	4.9	2.1	1.8	0.6	0.3	0.0	4.1	2.1	1.3	0.3	1.0	2.5	6.4
05	0.1	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	0.5	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
11	6.2	4.2	3.0	0.5	0.1	0.0	5.8	1.8	0.5	0.0	2.2	6.0	8.0
12	22.0	10.3	8.0	2.5	1.1	0.2	19.9	14.6	9.7	3.4	12.0	18.2	28.5
Summary	87.6	43.3	32.6	10.3	3.9	0.5	106.8	85.4	65.8	31.5	50.1	77.6	109.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.2	1.5	14.7	88.5	361.7	656.9	854.0	830.7	585.1	253.1	55.1	5.1
45	0.0	0.4	5.2	37.5	226.0	507.0	698.9	675.6	436.7	144.2	20.1	1.1
50	0.0	0.1	1.8	14.5	120.0	359.4	543.9	520.7	297.0	71.3	6.5	0.1
55	0.0	0.0	0.7	4.1	52.5	222.3	389.6	366.7	176.5	30.5	2.1	0.0
60	0.0	0.0	0.3	0.7	18.9	112.3	241.7	220.2	87.9	10.3	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.9	11.6	54.4	194.0	382.2	545.0	523.7	334.9	124.1	24.3	1.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	2	16	105	467	1124	1978	2808	3393	3646	3701	3707
45	0	0	6	43	269	776	1475	2151	2587	2731	2752	2753
50	0	0	2	16	136	496	1040	1560	1857	1929	1935	1935
55	0	0	1	5	57	280	669	1036	1212	1243	1245	1245
60	0	0	0	1	20	132	374	594	682	692	693	693
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	13	67	261	643	1188	1712	2047	2171	2195	2197

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

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