

Summary of Monthly Normals
1991-2020
 Generated on 11/28/2021

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	48.6	28.2	38.4	4.1	4.5	4.2	7.9	4.7	1.9	0.1	0.0	0.0	522.3	581.1	671.3	824.6	0.0	0.0	14.2	2.7	21.2	0.1
02	53.0	30.9	41.9	4.4	3.9	4.0	10.5	6.7	3.0	0.4	0.0	0.0	375.9	428.0	508.3	645.8	0.0	0.0	17.3	0.9	17.0	0.1
03	61.7	37.3	49.5	4.5	3.7	3.9	52.1	35.6	18.4	4.1	0.4	0.1	222.6	268.1	343.8	484.6	0.0	0.0	25.8	0.1	10.7	0.0
04	71.3	45.3	58.3	2.9	2.9	2.8	164.6	127.7	80.9	28.2	4.5	1.4	65.6	88.7	131.9	229.2	0.0	0.0	29.2	0.0	2.5	0.0
05	78.8	54.8	66.8	2.8	3.2	2.9	373.4	316.8	237.1	123.1	41.8	21.8	7.7	13.0	26.3	67.3	0.0	0.9	30.9	0.0	0.0	0.0
06	85.4	63.4	74.4	2.4	1.9	1.9	581.9	522.0	432.3	285.8	150.0	102.9	0.0	0.1	0.4	3.8	0.1	6.3	30.0	0.0	0.0	0.0
07	88.4	67.5	77.9	2.5	1.6	1.8	711.4	649.4	556.4	401.5	247.6	188.2	0.0	0.0	0.0	0.0	0.1	13.7	31.0	0.0	0.0	0.0
08	88.1	66.3	77.2	2.9	2.2	2.3	688.1	626.1	533.1	378.4	226.0	168.2	0.0	0.0	0.0	0.3	0.2	11.8	31.0	0.0	0.0	0.0
09	83.1	59.9	71.5	3.6	2.7	2.7	495.6	436.5	349.4	213.5	100.0	65.7	0.7	1.6	4.6	18.5	0.0	5.7	30.0	0.0	0.0	0.0
10	72.6	47.2	59.9	3.0	3.1	2.6	199.4	156.4	103.0	40.4	11.2	6.5	47.5	66.4	106.1	198.4	0.0	0.3	30.7	0.0	1.7	0.0
11	60.9	36.2	48.6	4.4	3.3	3.6	38.2	25.8	13.4	2.8	0.1	0.0	231.6	279.1	356.7	496.2	0.0	0.0	25.6	0.1	12.9	0.0
12	51.6	31.3	41.5	4.5	4.0	4.1	12.8	8.3	4.0	0.8	0.0	0.0	432.7	490.2	578.9	730.8	0.0	0.0	17.4	0.8	18.6	0.0
Summary	70.3	47.4	58.8	3.5	3.1	3.1	3336	2916	2333	1479	782	555	1907	2216	2728	3700	0.4	38.7	313.1	4.6	84.6	0.2

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	5.56	11.6	8.6	3.8	1.6	3.81	5.18	7.22
02	5.07	11.9	8.0	3.4	1.5	3.01	4.55	6.47
03	5.51	12.4	8.6	3.8	1.6	4.01	5.17	6.95
04	5.50	10.9	7.6	3.7	1.6	3.26	5.26	7.74
05	4.59	11.5	7.4	2.9	1.1	2.79	3.70	5.07
06	5.03	11.7	7.8	3.6	1.4	2.60	4.39	7.24
07	5.52	12.1	8.8	3.6	1.6	3.63	5.02	7.24
08	4.03	10.3	7.1	2.7	1.0	2.44	4.13	5.35
09	5.20	8.4	5.9	3.1	1.6	2.51	4.72	7.65
10	3.58	8.2	5.2	2.2	1.0	1.64	3.81	5.23
11	4.88	9.6	6.7	3.2	1.6	3.20	4.31	6.55
12	5.91	12.4	8.8	4.1	1.6	3.91	6.53	7.55
Summary	60.38	131.0	90.5	40.1	17.2	36.81	56.77	80.26

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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	1.0	0.7	0.5	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.3	1.0
02	1.3	0.7	0.5	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	2.0
03	0.8	0.2	0.2	0.1	0.1	0.0	0.2	0.2	0.2	0.2	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.4	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Summary	3.6	2.0	1.4	0.3	0.1	0.0	1.9	0.5	0.2	0.2	0.0	0.3	3.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	105.9	136.6	321.0	551.1	830.8	1031.9	1176.3	1153.1	944.8	617.9	279.9	139.1
45	51.7	69.8	203.4	407.6	675.9	881.9	1021.4	998.1	794.8	467.0	169.1	72.7
50	22.1	29.8	112.7	275.5	521.9	731.9	866.4	843.1	644.9	324.9	88.6	33.1
55	7.9	10.5	52.1	164.6	373.4	581.9	711.4	688.1	495.6	199.4	38.2	12.8
60	1.9	3.0	18.4	80.9	237.1	432.3	556.4	533.1	349.4	103.0	13.4	4.0
Growing Degree Units for Corn (Monthly)												
50/86	63.5	90.8	204.6	349.7	538.6	705.6	815.0	792.9	628.1	391.2	184.5	83.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	106	242	564	1115	1945	2977	4154	5307	6252	6869	7149	7288
45	52	122	325	732	1408	2290	3312	4310	5105	5572	5741	5813
50	22	52	165	440	962	1694	2560	3403	4048	4373	4462	4495
55	8	18	70	235	608	1190	1902	2590	3086	3285	3323	3336
60	2	5	23	104	341	774	1330	1863	2212	2316	2329	2333
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	64	154	359	709	1247	1953	2768	3561	4189	4580	4764	4848

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

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