

Summary of Monthly Normals
1991-2020
 Generated on 09/19/2021

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	28.4	11.6	20.0	4.4	5.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1084.7	1146.6	1239.6	1394.6	0.0	0.0	0.9	17.5	30.0	5.2
02	31.6	13.7	22.6	3.9	5.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	905.7	961.7	1045.7	1185.7	0.0	0.0	1.2	13.8	26.1	4.0
03	40.3	22.6	31.4	3.6	4.5	3.9	0.3	0.2	0.0	0.0	0.0	0.0	730.3	792.1	885.0	1039.9	0.0	0.0	6.6	5.3	25.4	0.6
04	52.9	34.8	43.9	2.6	2.3	2.3	8.3	4.6	1.3	0.2	0.0	0.0	342.8	399.1	485.8	634.7	0.0	0.0	19.2	0.2	10.3	0.0
05	65.3	46.0	55.6	3.5	2.2	2.6	93.6	66.1	37.3	10.6	1.5	0.4	73.5	108.1	172.2	300.6	0.0	0.8	30.0	0.0	0.2	0.0
06	74.1	55.8	64.9	2.7	1.8	1.9	304.7	250.8	176.0	78.5	24.0	13.2	6.3	12.4	27.6	80.2	0.0	2.5	30.0	0.0	0.0	0.0
07	79.9	61.8	70.8	2.4	2.5	2.3	491.2	429.3	336.7	192.3	83.3	54.3	0.0	0.2	0.6	11.1	0.2	3.3	31.0	0.0	0.0	0.0
08	79.2	60.4	69.8	1.9	1.7	1.7	458.7	396.8	305.2	163.7	60.2	35.6	0.1	0.3	1.7	15.1	0.0	3.1	31.0	0.0	0.0	0.0
09	70.3	52.2	61.3	2.4	2.3	2.2	207.5	161.7	103.5	39.0	10.5	5.2	20.1	34.3	66.1	151.7	0.0	0.8	29.9	0.0	0.1	0.0
10	57.6	41.2	49.4	2.4	2.9	2.5	30.4	19.1	8.1	0.9	0.0	0.0	203.9	254.6	336.7	484.5	0.0	0.0	25.5	0.0	4.5	0.0
11	45.0	31.4	38.2	2.7	2.6	2.5	1.3	0.6	0.1	0.0	0.0	0.0	505.3	564.5	654.0	804.0	0.0	0.0	9.8	1.9	17.2	0.0
12	34.2	20.4	27.3	3.7	4.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	858.6	920.5	1013.5	1168.5	0.0	0.0	2.2	11.3	27.1	0.7
Summary	54.9	37.7	46.3	3.0	3.1	2.9	1596	1329	968	485	180	109	4731	5194	5928	7271	0.2	10.5	217.3	50.0	140.9	10.5

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	3.28	10.0	6.3	2.5	0.8	2.35	3.22	4.14
02	3.24	8.2	5.7	2.0	0.9	2.37	3.16	3.81
03	3.53	10.3	6.9	3.3	1.0	2.63	3.61	4.86
04	4.04	9.9	6.2	2.5	1.1	2.43	4.29	4.91
05	3.18	11.5	7.0	2.5	0.4	1.92	3.18	4.36
06	4.28	11.5	6.4	2.2	1.0	2.34	3.67	5.03
07	3.51	10.7	7.0	2.0	0.6	2.13	2.97	3.94
08	3.36	9.8	6.2	1.8	0.6	1.88	2.47	4.42
09	3.74	8.7	5.8	2.6	1.0	2.28	3.46	4.57
10	4.90	9.4	6.4	2.6	1.3	3.17	4.69	6.59
11	3.94	9.3	6.5	3.1	1.2	3.27	3.69	4.73
12	4.18	10.9	6.9	2.8	1.0	3.36	4.09	5.26
Summary	45.18	120.2	77.3	29.9	10.9	30.13	42.50	56.62

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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	19.4	6.4	4.6	2.2	1.1	0.2					11.3	18.9	23.0
02	17.3	5.7	4.3	2.1	1.1	0.3					9.3	15.9	21.3
03	12.3	4.6	3.6	1.8	1.0	0.1					4.1	9.8	14.5
04	2.9	0.8	0.6	0.3	0.3	0.1					0.0	0.3	2.1
05	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
07	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
09	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
11	1.6	0.9	0.4	0.2	0.1	0.0					0.0	0.2	1.3
12	11.6	5.0	4.1	1.8	0.7	0.1					6.4	9.3	11.6
Summary	65.1	23.4	17.6	8.4	4.3	0.8	0.0	0.0	0.0	0.0	31.1	54.4	73.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1.9	1.3	13.2	155.6	485.6	748.4	956.1	923.5	637.4	300.3	69.0	5.1
45	0.4	0.0	2.8	72.7	334.4	598.4	801.2	768.6	487.8	173.9	26.6	1.4
50	0.0	0.0	1.0	27.4	197.6	448.9	646.2	613.7	341.2	82.9	6.9	0.2
55	0.0	0.0	0.3	8.3	93.6	304.7	491.2	458.7	207.5	30.4	1.3	0.0
60	0.0	0.0	0.0	1.3	37.3	176.0	336.7	305.2	103.5	8.1	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	0.7	12.0	82.3	254.5	454.8	634.1	605.5	366.1	138.5	27.3	2.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	3	16	172	658	1406	2362	3286	3923	4223	4292	4297
45	0	0	3	76	410	1009	1810	2578	3066	3240	3267	3268
50	0	0	1	28	226	675	1321	1935	2276	2359	2366	2366
55	0	0	0	9	102	407	898	1357	1564	1595	1596	1596
60	0	0	0	1	39	215	551	856	960	968	968	968
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	14	96	350	805	1439	2045	2411	2549	2577	2579

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

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