

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

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	24.7	9.2	17.0	4.6	6.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1179.4	1241.4	1334.4	1489.3	0.0	0.0	0.3	22.5	30.3	8.0
02	28.4	11.9	20.2	5.5	6.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	975.8	1031.7	1115.8	1255.7	0.0	0.0	0.8	17.7	26.8	5.4
03	39.9	22.3	31.1	5.0	4.7	4.8	4.9	3.5	1.8	0.2	0.0	0.0	745.8	806.4	897.7	1051.1	0.0	0.0	6.0	7.6	25.4	1.1
04	53.2	34.3	43.7	4.1	3.0	3.5	19.1	12.8	6.4	1.4	0.2	0.1	356.6	410.3	493.9	638.9	0.0	0.0	18.4	0.7	10.7	0.0
05	65.9	45.9	55.9	3.6	3.1	3.2	123.4	94.2	60.9	25.9	8.3	4.5	95.6	128.3	188.1	308.1	0.0	0.2	29.7	0.0	0.7	0.0
06	75.6	56.3	66.0	2.7	2.1	2.2	334.6	279.9	203.8	102.5	38.8	23.9	6.2	11.5	25.4	74.2	0.0	1.5	30.0	0.0	0.0	0.0
07	79.8	60.6	70.2	3.2	2.8	2.9	471.2	409.5	318.1	177.1	73.2	45.1	0.1	0.4	1.9	16.0	0.1	2.2	31.0	0.0	0.0	0.0
08	77.5	59.2	68.4	2.5	2.4	2.3	414.4	353.4	264.5	133.5	45.9	26.1	0.6	1.6	5.6	29.7	0.0	0.8	31.0	0.0	0.0	0.0
09	70.6	51.2	60.9	3.0	2.6	2.7	211.5	168.4	113.0	47.7	13.8	7.4	34.6	51.5	86.0	170.9	0.0	0.1	29.9	0.0	0.1	0.0
10	57.1	39.0	48.0	3.2	2.5	2.7	39.4	27.0	13.8	3.3	0.6	0.3	254.9	304.4	384.2	528.8	0.0	0.0	23.3	0.0	5.7	0.0
11	42.6	27.1	34.8	5.7	4.3	4.9	2.8	1.5	0.4	0.0	0.0	0.0	607.3	666.0	754.9	904.5	0.0	0.0	8.3	5.2	20.3	0.0
12	30.5	16.2	23.4	4.8	5.7	5.1	0.1	0.0	0.0	0.0	0.0	0.0	981.1	1043.1	1136.1	1291.0	0.0	0.0	1.1	16.2	28.9	3.5
Summary	53.8	36.1	45.0	4.0	3.8	3.8	1621	1350	983	492	181	107	5238	5697	6424	7758	0.1	4.8	209.8	69.9	148.9	18.0

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	1.22	7.9	3.9	0.6	0.0	0.75	1.11	1.49
02	1.05	7.3	3.1	0.6	0.1	0.56	1.04	1.46
03	1.88	7.9	4.5	1.1	0.3	1.33	1.85	2.25
04	3.06	10.1	6.3	1.8	0.6	2.22	2.98	3.66
05	3.43	11.3	7.1	2.2	0.7	2.05	3.28	3.94
06	4.36	10.4	7.3	2.7	1.1	2.77	3.98	5.63
07	3.62	10.0	6.6	2.7	0.8	2.65	3.25	4.24
08	3.47	9.3	6.4	2.3	0.9	2.11	2.91	4.58
09	3.19	8.9	5.6	2.3	0.7	1.96	3.06	3.90
10	2.79	10.1	5.7	1.6	0.5	1.38	2.71	3.49
11	1.91	8.2	4.1	1.3	0.3	1.02	1.63	2.60
12	1.47	7.4	3.5	0.7	0.2	0.76	1.35	1.84
Summary	31.45	108.8	64.1	19.9	6.2	19.56	29.15	39.08

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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	10.8	5.8	4.0	1.3	0.4	0.0	23.2	17.3	10.6	2.0	7.5	10.3	12.6
02	9.9	5.2	3.4	1.2	0.7	0.0	21.9	15.6	8.4	2.3	5.8	8.7	13.3
03	5.7	3.3	2.2	0.7	0.3	0.0	10.4	5.4	2.6	0.1	2.8	4.8	8.9
04	2.4	1.0	0.9	0.3	0.1	0.0	1.4	0.5	0.2	0.0	0.0	0.4	2.9
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	0.4	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
11	1.7	1.8	0.8	0.1	0.0	0.0	3.0	0.9	0.3	0.0	0.0	0.0	2.8
12	7.1	4.9	3.2	0.9	0.3	0.1	15.2	8.8	5.4	1.2	2.8	5.8	11.7
Summary	38.0	22.3	14.7	4.6	1.8	0.1	75.2	48.6	27.5	5.6	18.9	30.0	52.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.3	3.1	40.6	176.4	494.2	778.3	936.0	878.7	626.9	275.7	57.7	5.3
45	0.0	0.6	20.2	95.7	347.3	628.3	781.0	723.7	478.6	166.4	24.8	1.9
50	0.0	0.2	10.1	46.0	219.8	478.9	626.1	568.7	336.9	87.9	9.0	0.5
55	0.0	0.0	4.9	19.1	123.4	334.6	471.2	414.4	211.5	39.4	2.8	0.1
60	0.0	0.0	1.8	6.4	60.9	203.8	318.1	264.5	113.0	13.8	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.8	25.6	99.0	276.4	484.2	618.9	568.3	367.1	141.1	29.3	2.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	3	44	220	715	1493	2429	3308	3935	4210	4268	4273
45	0	1	21	116	464	1092	1873	2597	3075	3242	3267	3269
50	0	0	10	56	276	755	1381	1950	2287	2375	2384	2384
55	0	0	5	24	147	482	953	1368	1579	1618	1621	1621
60	0	0	2	8	69	273	591	856	968	982	983	983
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	28	126	403	887	1506	2074	2441	2582	2612	2614

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

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