

Summary of Monthly Normals
1991-2020
 Generated on 05/04/2021

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	36.3	21.4	28.8	4.9	5.0	4.8	1.3	0.5	0.1	0.0	0.0	0.0	811.8	872.9	965.4	1120.4	0.0	0.0	5.3	12.0	25.4	1.3
02	39.6	23.2	31.4	5.2	5.0	5.1	2.3	1.4	0.6	0.0	0.0	0.0	663.0	718.0	801.3	940.7	0.0	0.0	6.2	8.2	23.0	0.7
03	49.1	30.3	39.7	4.9	4.0	4.3	16.8	11.2	5.2	0.8	0.0	0.0	491.0	547.4	634.3	785.0	0.0	0.0	14.6	2.5	18.9	0.0
04	62.4	40.7	51.5	3.0	2.5	2.6	74.3	53.9	30.9	9.2	1.7	0.6	177.8	217.5	284.5	412.8	0.0	0.0	26.2	0.1	6.3	0.0
05	71.9	50.6	61.2	3.9	3.7	3.7	226.4	182.1	125.0	56.0	16.6	8.2	32.6	50.4	86.3	172.2	0.0	0.3	30.7	0.0	0.5	0.0
06	79.4	59.3	69.4	2.2	1.8	1.8	431.9	373.7	288.3	160.5	65.4	39.5	1.4	3.3	8.0	30.1	0.0	1.8	30.0	0.0	0.0	0.0
07	82.9	63.4	73.2	2.8	2.2	2.4	562.6	500.5	407.5	255.6	122.8	81.2	0.0	0.0	0.0	3.0	0.0	4.2	31.0	0.0	0.0	0.0
08	81.7	62.0	71.8	2.7	2.3	2.4	522.3	460.3	367.6	218.8	96.3	60.5	0.0	0.1	0.5	6.6	0.0	2.9	31.0	0.0	0.0	0.0
09	75.1	54.8	64.9	3.0	2.4	2.5	308.4	255.2	181.7	84.7	28.6	16.2	9.9	16.8	33.4	86.3	0.0	0.9	30.0	0.0	0.0	0.0
10	63.1	43.7	53.4	2.6	2.4	2.3	86.0	61.9	34.9	10.9	2.2	0.9	135.6	173.5	239.4	370.5	0.0	0.0	28.0	0.0	2.4	0.0
11	50.9	34.3	42.6	4.7	3.0	3.7	12.4	7.0	2.7	0.3	0.0	0.0	384.4	439.0	524.6	672.2	0.0	0.0	16.6	1.1	13.7	0.0
12	40.6	26.7	33.7	4.8	4.0	4.3	2.2	1.1	0.4	0.0	0.0	0.0	664.0	724.9	817.0	971.8	0.0	0.0	7.0	7.8	23.4	0.1
Summary	61.1	42.5	51.8	3.7	3.2	3.3	2247	1909	1445	797	334	207	3372	3764	4395	5572	0.0	10.1	256.6	31.7	113.6	2.1

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	2.96	16.8	7.0	1.8	0.3	2.14	2.94	3.70
02	2.62	13.9	6.5	1.6	0.2	1.74	2.34	3.01
03	3.15	14.0	7.8	1.8	0.4	2.19	3.09	4.00
04	3.32	13.9	8.8	1.8	0.3	2.38	3.49	4.28
05	3.83	13.5	8.3	2.6	0.6	2.76	3.68	4.70
06	4.12	12.4	7.8	2.8	1.0	2.97	3.85	5.40
07	4.26	11.2	7.4	3.0	1.0	3.02	3.80	5.93
08	3.52	10.5	6.3	2.6	0.8	2.33	3.23	4.35
09	3.30	9.8	5.8	2.0	0.5	2.04	3.08	3.70
10	2.83	11.1	6.9	1.7	0.5	2.03	2.68	3.44
11	2.86	12.0	6.6	1.7	0.4	1.73	2.91	3.73
12	2.84	14.6	6.7	1.8	0.3	2.01	2.62	3.49
Summary	39.61	153.7	85.9	25.2	6.3	27.34	37.71	49.73

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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	13.3	12.2	4.4	0.9	0.3	0.0	14.0	6.9	3.5	0.6	7.4	13.4	18.0
02	11.7	9.3	3.9	0.9	0.4	0.0	11.4	5.1	2.7	0.9	6.7	9.7	14.7
03	7.6	5.9	2.3	0.7	0.2	0.0	5.1	2.4	1.1	0.3	4.0	5.7	9.8
04	1.0	1.6	0.3	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.3	0.8
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.4	3.3	0.7	0.1	0.0	0.0	1.4	0.2	0.2	0.0	0.0	1.8	3.1
12	7.7	7.6	2.8	0.6	0.2	0.0	7.7	2.7	1.1	0.0	3.1	7.3	12.4
Summary	44.1	40.2	14.5	3.2	1.1	0.0	39.9	17.4	8.6	1.8	21.2	38.2	58.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	32.6	38.7	132.1	362.6	659.0	880.4	1027.5	987.2	748.4	420.2	158.8	50.7
45	14.0	16.7	74.1	242.0	505.4	730.4	872.6	832.3	598.6	281.5	83.6	22.2
50	5.5	6.7	37.9	144.3	358.0	580.5	717.6	677.3	450.2	167.5	37.5	7.9
55	1.3	2.3	16.8	74.3	226.4	431.9	562.6	522.3	308.4	86.0	12.4	2.2
60	0.1	0.6	5.2	30.9	125.0	288.3	407.5	367.6	181.7	34.9	2.7	0.4
Growing Degree Units for Corn (Monthly)												
50/86	15.6	22.5	79.1	212.2	396.2	578.1	703.0	666.1	464.9	231.2	80.8	23.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	33	71	203	566	1225	2105	3133	4120	4868	5289	5448	5498
45	14	31	105	347	852	1583	2455	3288	3886	4168	4251	4273
50	6	12	50	194	552	1133	1850	2528	2978	3146	3183	3191
55	1	4	20	95	321	753	1316	1838	2146	2232	2245	2247
60	0	1	6	37	162	450	858	1225	1407	1442	1445	1445
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	38	117	329	726	1304	2007	2673	3138	3369	3450	3473

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

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