

Summary of Monthly Normals
1991-2020
 Generated on 09/24/2021

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	35.5	20.5	28.0	4.3	4.9	4.5	0.3	0.1	0.0	0.0	0.0	0.0	837.2	899.0	991.9	1146.9	0.0	0.0	3.3	10.9	27.0	1.5
02	38.8	21.9	30.3	4.7	4.7	4.5	0.5	0.2	0.1	0.0	0.0	0.0	690.6	746.4	830.2	970.1	0.0	0.0	4.6	6.5	24.7	0.8
03	47.7	29.1	38.4	4.3	3.5	3.8	3.5	2.0	1.0	0.2	0.0	0.0	518.1	578.5	670.5	824.7	0.0	0.0	13.0	1.7	21.8	0.1
04	60.5	39.4	49.9	2.9	1.9	2.3	47.5	34.1	19.9	7.2	2.3	1.4	199.0	245.7	321.4	458.8	0.0	0.4	25.6	0.0	7.2	0.0
05	71.5	49.3	60.4	3.2	2.5	2.6	195.4	151.6	98.7	42.6	14.2	8.1	28.0	46.3	86.4	185.2	0.0	1.7	30.8	0.0	0.4	0.0
06	80.1	58.7	69.4	2.4	1.4	1.6	433.0	374.2	289.0	162.2	69.6	45.1	1.0	2.3	7.0	30.3	0.0	4.1	30.0	0.0	0.0	0.0
07	84.9	64.1	74.5	2.9	2.7	2.6	604.4	542.4	449.4	296.2	157.4	111.3	0.0	0.0	0.0	1.8	0.6	8.6	31.0	0.0	0.0	0.0
08	82.2	62.6	72.4	2.1	2.1	1.9	539.4	477.3	384.7	235.9	111.9	74.8	0.0	0.0	0.4	6.6	0.0	4.7	31.0	0.0	0.0	0.0
09	74.7	54.7	64.7	2.4	2.2	2.0	301.5	249.0	178.0	85.6	29.1	15.9	10.5	18.1	37.1	94.7	0.0	0.7	30.0	0.0	0.0	0.0
10	62.5	43.2	52.8	2.8	2.9	2.6	71.2	49.6	27.1	8.5	1.5	0.7	137.9	178.2	248.7	385.2	0.0	0.0	29.1	0.0	4.3	0.0
11	50.4	33.9	42.2	3.3	2.6	2.7	8.9	4.7	1.5	0.0	0.0	0.0	394.4	450.2	537.0	685.5	0.0	0.0	16.3	0.5	15.2	0.0
12	40.1	26.2	33.2	4.0	3.5	3.7	0.6	0.3	0.1	0.0	0.0	0.0	677.9	739.6	832.4	987.3	0.0	0.0	5.2	6.2	25.3	0.0
Summary	60.7	42.0	51.4	3.3	2.9	2.9	2206	1885	1449	838	386	257	3495	3904	4563	5777	0.6	20.2	249.9	25.8	125.9	2.4

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	3.74	12.0	7.3	2.6	0.9	2.72	3.27	4.26
02	3.28	10.8	6.5	2.1	0.7	2.28	2.74	3.95
03	4.43	12.3	7.9	2.7	1.0	3.38	4.15	5.60
04	4.17	12.1	7.7	2.7	0.8	2.87	3.45	5.56
05	4.23	13.1	8.2	2.9	1.1	3.01	4.25	5.34
06	4.83	12.0	7.4	2.8	1.4	2.67	4.56	6.95
07	4.98	10.7	6.9	3.3	1.6	3.64	4.78	6.52
08	4.88	9.6	7.2	3.1	1.3	3.20	3.99	6.16
09	4.89	9.6	6.2	3.1	1.5	2.48	3.75	6.85
10	4.97	10.2	6.3	3.0	1.3	2.51	4.67	6.35
11	4.02	9.9	6.5	3.0	1.5	2.91	3.76	5.19
12	4.62	12.0	7.5	3.2	1.2	3.61	4.69	5.51
Summary	53.04	134.3	85.6	34.5	14.3	35.28	48.06	68.24

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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	15.7	8.0	3.7	1.6	0.5	0.1	14.6	9.4	6.6	2.8	5.7	11.1	18.7
02	11.0	6.0	2.7	1.2	0.8	0.2	13.1	9.0	6.7	3.0	6.1	8.7	14.5
03	10.4	4.7	2.7	1.2	0.5	0.2	7.7	5.4	3.4	1.0	2.9	9.1	15.0
04	1.7	1.0	0.5	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.2	2.3
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.9	1.2	0.4	0.2	0.1	0.0	0.9	0.4	0.2	0.0	0.0	0.2	1.7
12	8.6	5.5	2.2	0.9	0.7	0.1	8.9	4.4	2.9	0.7	1.6	9.5	12.9
Summary	49.3	26.6	12.2	5.2	2.7	0.6	45.6	28.6	19.8	7.5	16.3	38.8	65.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16.5	18.4	82.8	310.1	632.4	881.9	1069.3	1004.3	740.9	401.8	137.2	33.1
45	5.1	5.6	33.9	188.5	477.8	731.9	914.4	849.3	591.1	263.2	66.5	11.7
50	1.2	1.3	12.4	101.3	327.8	582.0	759.4	694.3	442.5	149.2	27.8	3.1
55	0.3	0.5	3.5	47.5	195.4	433.0	604.4	539.4	301.5	71.2	8.9	0.6
60	0.0	0.1	1.0	19.9	98.7	289.0	449.4	384.7	178.0	27.1	1.5	0.1
Growing Degree Units for Corn (Monthly)												
50/86	8.0	11.0	47.7	175.9	368.7	572.2	727.9	679.2	461.3	216.8	65.4	13.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	35	118	428	1060	1942	3011	4016	4757	5158	5296	5329
45	5	11	45	233	711	1443	2357	3206	3798	4061	4127	4139
50	1	2	15	116	444	1026	1785	2480	2922	3071	3099	3102
55	0	1	4	52	247	680	1285	1824	2126	2197	2206	2206
60	0	0	1	21	120	409	858	1243	1421	1448	1449	1449
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	19	67	243	611	1184	1911	2591	3052	3269	3334	3348

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

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