

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	30.9	17.2	24.0	4.2	5.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	959.3	1021.3	1114.3	1269.2	0.0	0.0	1.2	17.9	28.4	3.5
02	34.2	20.0	27.1	5.1	5.3	5.1	0.1	0.1	0.0	0.0	0.0	0.0	781.3	837.2	921.1	1061.1	0.0	0.0	1.8	13.1	25.2	1.7
03	44.2	28.7	36.4	4.5	3.9	4.1	7.3	5.0	2.7	0.7	0.1	0.0	582.4	642.1	732.8	885.8	0.0	0.0	8.1	4.7	21.0	0.2
04	54.7	37.8	46.3	3.5	2.5	2.9	27.7	19.6	11.0	3.5	0.6	0.2	290.1	342.1	423.5	566.0	0.0	0.0	18.0	0.2	6.1	0.0
05	66.5	47.8	57.1	3.3	2.8	3.0	146.8	114.6	76.3	34.4	12.0	7.0	80.1	110.0	164.7	277.8	0.0	0.3	28.6	0.0	0.2	0.0
06	76.8	58.4	67.6	2.8	2.4	2.5	382.8	327.2	249.4	141.7	66.3	44.9	4.9	9.3	21.5	63.8	0.0	2.2	30.0	0.0	0.0	0.0
07	81.9	64.7	73.3	3.0	2.9	2.9	567.2	505.2	412.4	263.4	137.2	97.5	0.0	0.0	0.2	6.3	0.2	3.6	31.0	0.0	0.0	0.0
08	80.3	64.2	72.3	2.4	2.5	2.4	534.7	472.7	380.2	232.3	108.3	72.5	0.0	0.1	0.6	7.6	0.0	2.5	31.0	0.0	0.0	0.0
09	73.5	56.4	65.0	2.8	2.4	2.4	309.0	257.2	186.2	92.7	34.9	21.3	10.5	18.8	37.8	94.3	0.0	0.7	30.0	0.0	0.0	0.0
10	61.3	44.7	53.0	2.9	2.6	2.6	79.9	57.9	33.1	10.6	2.3	1.4	142.0	181.9	250.2	382.6	0.0	0.0	26.8	0.0	1.9	0.0
11	47.8	33.1	40.4	5.1	4.1	4.5	8.2	5.0	2.1	0.4	0.0	0.0	444.7	501.5	588.6	736.9	0.0	0.0	11.5	2.5	14.5	0.0
12	36.1	23.0	29.5	4.3	4.9	4.5	0.1	0.0	0.0	0.0	0.0	0.0	789.0	850.9	943.8	1098.8	0.0	0.0	2.4	11.8	25.4	1.2
Summary	57.3	41.3	49.3	3.7	3.5	3.5	2064	1765	1353	780	362	245	4084	4515	5199	6450	0.2	9.3	220.4	50.2	122.7	6.6

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	1.79	11.4	5.0	0.7	0.1	1.12	1.57	2.19
02	1.69	10.0	4.1	1.0	0.2	0.91	1.52	2.30
03	2.20	10.7	5.3	1.5	0.2	1.12	1.76	3.21
04	3.86	12.2	7.2	2.8	0.9	2.76	3.73	4.38
05	3.54	11.7	7.3	2.5	0.7	2.44	3.15	4.17
06	4.38	11.1	7.3	3.0	1.1	2.85	3.57	5.59
07	3.40	9.5	5.7	2.1	0.8	2.32	3.01	4.09
08	3.65	9.5	6.2	2.3	0.8	1.81	3.52	5.11
09	3.16	8.6	5.4	2.2	0.9	1.72	2.85	4.17
10	2.78	10.3	5.8	1.8	0.5	1.48	2.71	3.59
11	2.24	10.2	5.1	1.2	0.4	1.40	2.07	2.95
12	1.88	10.3	4.8	1.0	0.2	1.15	1.79	2.42
Summary	34.57	125.5	69.2	22.1	6.8	21.08	31.25	44.17

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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	14.9	10.0	4.5	1.7	0.6	0.1	20.4	15.4	9.9	1.9	8.8	13.8	20.1
02	11.8	8.1	3.2	1.2	0.7	0.1	16.7	11.5	8.1	2.7	4.4	8.8	16.5
03	6.7	5.0	1.9	0.5	0.2	0.1	7.5	4.9	3.1	0.5	3.1	5.0	10.3
04	2.1	1.8	0.5	0.3	0.1	0.0	0.8	0.3	0.0	0.0	0.1	0.4	3.5
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	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	2.5	2.6	0.7	0.2	0.1	0.0	1.7	0.5	0.1	0.1	0.1	1.2	4.3
12	10.4	7.3	2.8	1.1	0.4	0.1	11.1	5.7	3.5	1.4	2.6	8.3	11.8
Summary	48.7	35.1	13.6	5.0	2.1	0.4	58.3	38.3	24.7	6.6	19.1	37.5	66.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5.0	11.1	72.9	218.3	531.9	827.9	1032.1	999.6	748.4	408.0	122.0	18.3
45	1.1	3.5	35.2	120.9	380.8	677.9	877.1	844.6	598.6	270.1	59.4	5.1
50	0.1	0.9	16.6	60.1	249.0	528.4	722.1	689.6	450.5	159.2	24.6	1.2
55	0.0	0.1	7.3	27.7	146.8	382.8	567.2	534.7	309.0	79.9	8.2	0.1
60	0.0	0.0	2.7	11.0	76.3	249.4	412.4	380.2	186.2	33.1	2.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.1	5.3	40.2	111.5	288.6	522.8	702.7	678.1	458.1	203.8	52.9	6.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	16	89	307	839	1667	2699	3699	4447	4855	4977	4996
45	1	5	40	161	542	1219	2096	2941	3540	3810	3869	3874
50	0	1	18	78	327	855	1577	2267	2717	2876	2901	2902
55	0	0	7	35	182	565	1132	1667	1976	2056	2064	2064
60	0	0	3	14	90	339	752	1132	1318	1351	1353	1353
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	48	159	448	970	1673	2351	2809	3013	3066	3072

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

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