

Summary of Monthly Normals
1991-2020
 Generated on 10/22/2021

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	31.0	13.1	22.1	4.8	5.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1021.2	1083.2	1176.2	1331.2	0.0	0.0	2.2	15.5	28.9	5.3
02	35.9	17.4	26.7	6.2	6.9	6.4	0.3	0.0	0.0	0.0	0.0	0.0	793.9	849.7	933.7	1073.7	0.0	0.0	3.9	10.1	24.7	2.8
03	49.5	28.4	39.0	5.1	4.5	4.7	15.0	10.3	5.6	1.5	0.1	0.0	512.7	569.9	658.2	809.1	0.0	0.0	15.3	2.6	19.1	0.3
04	63.1	39.4	51.2	3.8	3.2	3.4	70.6	51.4	30.6	10.1	2.2	0.9	183.1	223.9	293.1	422.6	0.0	0.0	26.4	0.0	5.9	0.0
05	73.6	50.9	62.3	3.5	3.1	3.1	254.8	208.3	147.7	72.2	26.0	15.6	30.1	45.6	78.0	157.4	0.0	1.2	30.8	0.0	0.3	0.0
06	82.3	60.8	71.6	2.3	2.0	2.0	496.6	437.2	349.7	213.0	101.1	67.8	0.3	0.9	3.3	16.6	0.0	5.1	30.0	0.0	0.0	0.0
07	85.4	64.2	74.8	3.4	2.6	2.9	613.7	551.7	458.8	305.8	165.5	119.6	0.0	0.0	0.1	2.1	0.4	8.1	31.0	0.0	0.0	0.0
08	83.3	62.0	72.6	2.5	2.8	2.4	547.0	485.1	392.7	243.6	117.5	79.1	0.0	0.1	0.6	6.5	0.1	4.9	31.0	0.0	0.0	0.0
09	77.6	53.7	65.7	3.4	2.9	3.0	330.6	278.0	204.4	106.9	42.9	27.1	11.3	18.6	34.9	87.5	0.0	2.5	30.0	0.0	0.1	0.0
10	64.5	41.8	53.2	3.1	2.5	2.5	94.6	70.1	41.9	15.0	4.1	2.4	152.0	189.5	254.2	382.3	0.0	0.2	28.2	0.0	4.7	0.0
11	49.0	29.6	39.3	6.0	4.3	4.9	9.7	5.9	2.6	0.3	0.0	0.0	480.6	536.9	623.6	771.3	0.0	0.0	14.6	2.2	16.8	0.0
12	36.1	19.5	27.8	5.3	5.4	5.2	0.6	0.3	0.1	0.0	0.0	0.0	843.7	905.4	998.2	1153.1	0.0	0.0	4.2	10.6	26.5	1.9
Summary	60.9	40.1	50.5	4.1	3.8	3.8	2433	2098	1634	968	459	312	4029	4424	5054	6213	0.5	22.0	247.6	41.0	127.0	10.3

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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	1.51	7.7	3.8	0.7	0.1	0.93	1.35	2.14
02	1.78	7.8	4.2	1.0	0.3	0.78	1.64	2.31
03	2.55	9.1	5.5	1.6	0.4	1.29	2.01	3.77
04	3.82	11.3	7.2	2.6	0.8	2.33	4.07	5.03
05	5.11	13.4	8.4	3.6	1.4	3.04	5.00	6.80
06	5.46	12.4	8.8	3.7	1.7	3.70	5.31	6.48
07	4.25	9.2	6.6	2.6	1.4	2.19	3.36	5.53
08	4.26	10.1	6.4	2.7	1.3	2.13	4.15	5.53
09	3.91	8.4	5.7	2.5	1.2	1.79	3.06	5.85
10	3.04	9.8	5.5	1.8	0.8	2.03	2.74	4.31
11	2.28	8.2	4.9	1.5	0.4	1.19	1.89	2.60
12	2.00	8.6	4.7	1.2	0.4	1.15	1.84	2.78
Summary	39.97	116.0	71.7	25.5	10.2	22.55	36.42	53.13

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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	7.0	4.9	3.2	1.1	0.4	0.0	16.2	9.5	4.2	1.0	1.7	7.4	10.5
02	5.8	3.5	2.2	0.8	0.2	0.0	10.5	6.1	2.8	0.6	1.6	3.1	9.5
03	2.8	1.4	1.0	0.3	0.1	0.0	2.9	1.1	0.4	0.0	0.1	1.5	4.5
04	0.7	0.3	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
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	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	0.8	0.7	0.3	0.1	0.0	0.0	1.2	0.3	0.1	0.0	0.0	0.0	0.2
12	6.2	3.2	2.3	0.7	0.2	0.0	7.6	4.2	1.4	0.5	2.1	4.9	9.5
Summary	23.5	14.1	9.3	3.0	0.9	0.0	38.7	21.3	8.9	2.1	5.5	16.9	34.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4.5	17.9	120.1	357.2	689.8	946.3	1078.7	1012.0	769.4	419.0	117.6	16.8
45	0.7	6.5	65.7	235.7	535.9	796.3	923.7	857.0	619.8	285.9	60.9	5.6
50	0.0	2.0	33.4	138.2	387.8	646.4	768.7	702.1	472.0	177.0	27.4	2.1
55	0.0	0.3	15.0	70.6	254.8	496.6	613.7	547.0	330.6	94.6	9.7	0.6
60	0.0	0.0	5.6	30.6	147.7	349.7	458.8	392.7	204.4	41.9	2.6	0.1
Growing Degree Units for Corn (Monthly)												
50/86	3.8	12.5	80.7	219.1	423.9	631.3	736.5	684.6	490.1	251.3	69.8	10.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	22	142	500	1190	2136	3214	4226	4996	5415	5532	5549
45	1	7	73	309	844	1641	2564	3422	4041	4327	4388	4394
50	0	2	35	174	561	1208	1976	2679	3151	3328	3355	3357
55	0	0	15	86	341	837	1451	1998	2329	2423	2433	2433
60	0	0	6	36	184	534	992	1385	1590	1631	1634	1634
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	16	97	316	740	1371	2108	2792	3282	3534	3604	3614

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

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