

Summary of Monthly Normals
1991-2020
Generated on 11/29/2021

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	28.2	10.7	19.4	5.4	5.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1101.8	1163.8	1256.8	1411.8	0.0	0.0	1.0	19.8	30.4	9.0
02	32.6	15.2	23.9	6.5	7.5	6.8	0.1	0.1	0.0	0.0	0.0	0.0	870.8	926.7	1010.6	1150.7	0.0	0.0	1.7	14.4	26.3	5.7
03	46.5	26.9	36.7	5.8	4.7	5.1	10.7	7.5	4.0	1.2	0.2	0.0	578.1	636.9	726.4	878.6	0.0	0.0	10.6	4.9	23.2	1.0
04	60.9	37.9	49.4	3.7	3.4	3.3	51.0	37.2	21.9	7.0	1.2	0.5	219.0	265.2	339.9	475.0	0.0	0.1	23.8	0.3	9.6	0.0
05	72.8	50.2	61.5	3.1	3.0	2.9	236.6	191.5	133.9	64.1	23.4	13.8	35.2	52.0	87.4	172.7	0.0	0.8	30.6	0.0	1.0	0.0
06	82.2	60.8	71.5	2.1	1.8	1.8	495.3	436.0	348.8	212.5	102.0	69.2	0.5	1.2	4.0	17.6	0.0	3.6	30.0	0.0	0.0	0.0
07	85.0	64.0	74.5	3.2	2.6	2.7	604.4	542.4	449.5	297.4	160.0	114.5	0.0	0.0	0.1	3.0	0.2	5.9	31.0	0.0	0.0	0.0
08	82.9	61.0	71.9	2.6	2.8	2.4	525.4	463.5	371.4	225.0	105.7	70.5	0.0	0.1	1.1	9.6	0.0	3.0	31.0	0.0	0.0	0.0
09	76.8	52.4	64.6	3.4	3.0	2.9	305.1	254.6	186.4	97.2	40.7	26.4	17.3	26.7	48.5	109.3	0.0	1.7	30.0	0.0	0.6	0.0
10	63.0	40.2	51.6	3.6	2.5	2.8	79.6	59.2	35.3	12.8	3.6	2.0	185.0	226.7	295.7	428.2	0.0	0.1	26.5	0.0	8.7	0.0
11	47.1	27.7	37.4	6.3	4.2	5.1	7.0	4.4	2.0	0.2	0.0	0.0	534.9	592.3	680.0	828.2	0.0	0.0	11.4	4.1	21.7	0.4
12	33.7	17.0	25.3	5.9	5.9	5.7	0.2	0.1	0.0	0.0	0.0	0.0	919.2	981.1	1074.0	1229.0	0.0	0.0	2.2	14.2	28.9	4.1
Summary	59.3	38.7	49.0	4.3	3.9	3.9	2315	1996	1553	917	437	297	4462	4873	5524	6714	0.2	15.2	229.8	57.7	150.4	20.2

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	1.10	8.1	3.2	0.4	0.0	0.76	0.94	1.37
02	1.14	8.0	3.6	0.3	0.0	0.69	1.07	1.46
03	1.98	10.1	4.7	1.3	0.2	1.22	1.64	2.83
04	4.04	11.5	7.2	2.6	0.8	2.69	3.65	4.67
05	4.61	12.9	8.2	3.0	1.2	3.17	4.28	5.95
06	5.72	11.8	8.2	4.0	1.9	3.90	5.24	8.01
07	4.34	8.9	6.0	2.9	1.2	2.44	3.70	5.52
08	4.17	8.8	5.7	2.8	1.4	2.11	3.64	5.43
09	3.14	8.7	5.5	2.0	0.7	1.72	2.60	3.73
10	2.76	8.5	4.6	1.7	0.8	1.57	2.27	3.84
11	1.85	8.1	3.9	1.2	0.3	1.07	1.58	2.40
12	1.44	8.4	3.7	0.8	0.1	0.71	1.24	1.88
Summary	36.29	113.8	64.5	23.0	8.6	22.05	31.85	47.09

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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	10.1	6.8	3.1	1.1	0.4	0.0	21.4	16.1	11.6	3.8	6.6	9.0	14.1
02	9.3	6.3	2.8	1.1	0.3	0.0	18.3	13.4	9.7	3.7	3.1	8.3	13.4
03	4.6	3.2	1.5	0.5	0.1	0.0	7.6	4.8	3.1	0.8	1.5	3.3	5.9
04	1.7	1.1	0.5	0.2	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.4	1.5
05	0.1	0.1	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	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	3.1	2.5	1.0	0.2	0.1	0.0	2.9	1.1	0.5	0.1	0.0	1.5	4.8
12	9.9	6.2	3.1	1.0	0.3	0.0	13.0	8.7	5.7	1.4	3.5	7.7	15.2
Summary	39.1	26.6	12.1	4.1	1.2	0.0	64.0	44.3	30.6	9.8	14.7	30.2	54.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1.9	11.5	93.1	308.7	666.6	944.6	1069.3	990.2	737.8	375.6	93.2	10.4
45	0.0	3.8	49.7	194.4	513.3	794.7	914.3	835.3	588.4	249.4	45.4	3.4
50	0.0	0.8	23.8	106.5	366.3	644.8	759.4	680.4	442.1	149.4	19.8	1.1
55	0.0	0.1	10.7	51.0	236.6	495.3	604.4	525.4	305.1	79.6	7.0	0.2
60	0.0	0.0	4.0	21.9	133.9	348.8	449.5	371.4	186.4	35.3	2.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.4	7.0	61.3	188.7	405.9	627.8	730.0	666.0	468.4	227.6	57.7	5.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2	13	106	415	1082	2026	3096	4086	4824	5199	5292	5303
45	0	4	54	248	761	1556	2470	3306	3894	4143	4189	4192
50	0	1	25	131	497	1142	1902	2582	3024	3174	3193	3194
55	0	0	11	62	298	794	1398	1924	2229	2308	2315	2315
60	0	0	4	26	160	509	958	1330	1516	1551	1553	1553
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	9	71	259	665	1293	2023	2689	3158	3385	3443	3448

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

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