

Summary of Monthly Normals 1991-2020

Generated on 10/26/2021

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	69.1	44.6	56.9	2.9	4.1	3.3	141.0	107.1	65.6	20.9	3.3	1.1	83.5	111.5	163.0	273.4	0.0	0.0	30.4	0.0	3.7	0.0
02	72.1	47.4	59.7	3.4	3.9	3.5	175.0	137.2	89.6	33.6	6.8	2.7	42.0	60.3	96.6	180.6	0.0	0.0	27.8	0.0	1.7	0.0
03	76.4	50.7	63.6	3.0	4.0	3.4	283.5	231.7	161.4	69.4	17.9	8.1	18.4	28.6	51.3	114.3	0.0	0.3	31.0	0.0	0.3	0.0
04	81.2	57.1	69.1	2.3	3.3	2.6	425.7	366.9	281.2	151.9	59.0	34.7	1.2	2.4	6.7	27.4	0.0	2.2	30.0	0.0	0.0	0.0
05	85.9	63.6	74.7	1.9	2.5	1.9	612.3	550.3	457.4	304.4	161.9	112.5	0.0	0.0	0.2	2.1	0.0	8.8	31.0	0.0	0.0	0.0
06	89.2	70.5	79.8	2.3	1.2	1.5	745.4	685.4	595.4	445.4	295.5	235.7	0.0	0.0	0.0	0.0	0.0	15.6	30.0	0.0	0.0	0.0
07	90.9	72.2	81.6	1.6	1.1	1.2	823.1	761.0	668.0	513.1	358.1	296.1	0.0	0.0	0.0	0.0	0.0	22.5	31.0	0.0	0.0	0.0
08	90.4	72.7	81.5	1.4	1.4	1.3	823.0	761.0	668.0	513.0	358.0	296.1	0.0	0.0	0.0	0.0	0.0	20.8	31.0	0.0	0.0	0.0
09	87.7	70.8	79.3	1.3	1.4	1.2	727.5	667.4	577.4	427.5	277.9	218.6	0.0	0.0	0.0	0.0	0.0	10.9	30.0	0.0	0.0	0.0
10	82.5	63.5	73.0	1.9	2.8	2.1	558.6	497.2	405.9	259.7	130.7	88.4	0.6	1.3	2.9	11.7	0.0	2.4	31.0	0.0	0.0	0.0
11	75.8	54.2	65.0	2.4	4.0	3.1	312.6	260.6	186.7	87.3	26.7	14.5	12.5	20.5	36.6	87.2	0.0	0.1	30.0	0.0	0.1	0.0
12	71.2	48.4	59.8	3.6	5.3	4.3	201.3	160.3	106.7	41.3	7.4	2.6	52.5	73.5	113.0	202.5	0.0	0.0	30.8	0.0	1.6	0.0
Summary	81.0	59.6	70.3	2.3	2.9	2.5	5829	5186	4263	2868	1703	1311	211	298	470	899	0.0	83.6	364.0	0.0	7.4	0.0

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	3.07	8.3	4.8	2.1	1.0	1.60	2.46	4.32
02	2.44	7.4	4.4	1.6	0.7	1.15	2.15	3.68
03	3.54	7.9	5.0	2.3	1.1	1.08	2.93	4.44
04	2.47	6.2	4.5	2.0	0.8	1.71	2.28	2.87
05	4.16	8.6	5.8	2.7	1.2	2.11	3.58	5.37
06	8.20	17.2	12.6	5.6	2.7	5.99	8.05	10.20
07	8.70	17.2	12.6	5.5	2.6	7.43	8.94	9.70
08	7.05	16.5	11.5	5.1	2.4	5.12	6.77	7.96
09	6.91	14.0	10.0	4.4	2.3	4.74	5.87	8.23
10	3.98	10.3	6.6	2.6	1.2	2.13	3.18	5.42
11	2.32	8.1	4.4	1.5	0.7	1.07	1.73	2.99
12	2.65	8.2	4.2	1.5	0.9	0.97	1.87	3.29
Summary	55.49	129.9	86.4	36.9	17.6	35.10	49.81	68.47

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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	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
02	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
03	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
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	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
12	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
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	525.0	553.3	730.1	874.5	1077.3	1195.5	1288.1	1288.0	1177.5	1023.0	750.0	614.9
45	378.8	416.0	575.7	724.5	922.3	1045.5	1133.1	1133.0	1027.5	868.0	600.2	464.2
50	246.9	287.0	424.1	574.7	767.3	895.4	978.1	978.0	877.5	713.1	452.2	322.4
55	141.0	175.0	283.5	425.7	612.3	745.4	823.1	823.0	727.5	558.6	312.6	201.3
60	65.6	89.6	161.4	281.2	457.4	595.4	668.0	668.0	577.4	405.9	186.7	106.7
Growing Degree Units for Corn (Monthly)												
50/86	327.0	347.8	469.7	577.4	737.6	837.3	899.0	906.2	839.3	706.6	480.1	383.5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	525	1078	1808	2683	3760	4956	6244	7532	8709	9732	10482	11097
45	379	795	1370	2095	3017	4063	5196	6329	7356	8224	8825	9289
50	247	534	958	1533	2300	3195	4174	5152	6029	6742	7194	7517
55	141	316	600	1025	1638	2383	3206	4029	4756	5315	5628	5829
60	66	155	317	598	1055	1651	2319	2987	3564	3970	4157	4263
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	327	675	1144	1722	2460	3297	4196	5102	5941	6648	7128	7512

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

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