

Summary of Monthly Normals
1991-2020
 Generated on 11/27/2021

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	28.1	13.1	20.6	4.5	5.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1066.1	1128.0	1221.1	1376.2	0.0	0.0	1.1	20.2	29.8	5.8
02	32.5	16.6	24.5	5.7	6.6	6.1	0.1	0.0	0.0	0.0	0.0	0.0	852.5	908.4	992.5	1132.5	0.0	0.0	1.8	13.6	26.1	3.2
03	45.0	26.8	35.9	5.2	4.5	4.8	8.5	6.0	3.7	0.9	0.1	0.0	600.6	660.2	750.8	903.0	0.0	0.0	10.0	4.9	23.0	0.5
04	58.6	37.3	48.0	3.9	3.0	3.4	41.2	28.8	15.6	3.9	0.6	0.2	252.7	300.3	377.1	515.4	0.0	0.0	23.2	0.2	8.0	0.0
05	70.2	49.2	59.7	3.6	3.2	3.3	199.5	160.2	109.8	51.0	18.4	10.8	53.8	76.6	119.1	215.3	0.0	0.9	30.0	0.0	0.5	0.0
06	79.9	59.5	69.7	2.6	1.9	2.1	442.9	385.0	300.7	175.3	80.5	53.7	2.1	4.2	9.8	34.4	0.0	3.6	30.0	0.0	0.0	0.0
07	83.1	63.3	73.2	3.2	2.7	2.8	564.1	502.1	409.3	258.8	128.4	87.9	0.0	0.0	0.2	4.7	0.1	4.3	31.0	0.0	0.0	0.0
08	81.2	61.3	71.3	2.7	2.8	2.6	503.7	442.0	350.3	205.5	89.8	57.3	0.1	0.4	1.7	11.8	0.0	2.8	31.0	0.0	0.0	0.0
09	74.9	53.2	64.0	3.1	2.8	2.7	289.5	239.4	172.7	85.3	31.0	19.0	18.2	28.1	51.3	113.9	0.0	1.5	30.0	0.0	0.3	0.0
10	62.0	41.0	51.5	3.1	2.7	2.6	72.5	52.5	30.3	9.4	2.3	1.2	181.1	223.0	293.8	427.9	0.0	0.0	26.7	0.0	5.9	0.0
11	46.3	29.6	37.9	5.7	4.1	4.8	5.5	2.9	0.9	0.1	0.0	0.0	517.0	574.4	662.4	811.6	0.0	0.0	11.6	3.5	18.9	0.1
12	33.6	19.1	26.3	5.1	5.7	5.3	0.3	0.1	0.0	0.0	0.0	0.0	888.3	950.1	1043.0	1198.1	0.0	0.0	2.3	13.6	28.1	2.5
Summary	57.9	39.2	48.5	4.0	3.8	3.8	2128	1819	1393	790	351	230	4432	4854	5523	6745	0.1	13.1	228.7	56.0	140.6	12.1

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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	1.69	9.8	4.4	0.7	0.2	0.97	1.51	2.42
02	1.71	8.4	4.1	1.1	0.2	0.84	1.42	2.45
03	2.24	9.8	5.1	1.2	0.4	1.29	1.90	3.31
04	3.56	12.3	7.1	2.4	0.6	2.60	3.46	4.37
05	4.79	12.9	8.5	3.6	1.3	3.02	4.80	6.12
06	4.57	11.0	7.4	3.1	1.3	2.73	4.08	6.43
07	4.00	10.1	6.3	2.3	1.0	2.21	3.50	5.15
08	4.06	9.0	6.0	2.9	1.1	2.60	3.80	5.20
09	3.32	9.0	5.6	2.1	0.8	1.90	2.50	4.34
10	2.96	10.2	5.8	1.9	0.7	1.52	2.33	3.88
11	2.31	8.6	5.0	1.4	0.3	1.26	2.06	2.77
12	2.04	10.3	4.6	1.1	0.3	1.21	1.69	2.45
Summary	37.25	121.4	69.9	23.8	8.2	22.15	33.05	48.89

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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	10.2	7.0	3.5	1.1	0.4	0.0	21.0	14.3	9.6	1.5	7.0	10.5	13.5
02	8.7	5.2	2.7	1.1	0.3	0.0	15.0	11.5	7.9	2.2	2.3	6.2	13.7
03	4.4	3.0	1.1	0.5	0.3	0.0	6.2	3.2	1.9	0.2	2.1	4.0	6.1
04	1.3	0.7	0.4	0.1	0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.0	1.9
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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.8	1.7	0.5	0.2	0.0	0.0	2.0	0.6	0.3	0.0	0.0	0.6	1.7
12	6.6	6.0	2.6	1.1	0.4	0.0	12.2	7.9	4.5	1.1	2.6	5.6	9.9
Summary	33.1	23.7	10.9	4.1	1.5	0.0	57.0	37.6	24.2	5.0	14.0	26.9	46.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2.9	10.0	79.1	271.7	611.2	890.8	1029.0	968.6	721.4	369.7	94.5	12.1
45	0.6	3.5	40.9	166.5	459.5	740.8	874.1	813.6	572.4	243.4	45.4	3.9
50	0.2	0.9	19.7	88.6	317.8	591.1	719.1	658.7	426.4	143.9	18.5	1.6
55	0.0	0.1	8.5	41.2	199.5	442.9	564.1	503.7	289.5	72.5	5.5	0.3
60	0.0	0.0	3.7	15.6	109.8	300.7	409.3	350.3	172.7	30.3	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.7	5.7	49.4	158.6	357.0	580.7	700.2	649.0	446.5	208.8	50.2	5.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	13	92	364	975	1866	2895	3863	4585	4954	5049	5061
45	1	4	45	212	671	1412	2286	3100	3672	3915	3961	3965
50	0	1	21	109	427	1018	1737	2396	2823	2966	2985	2987
55	0	0	9	50	249	692	1256	1760	2050	2122	2128	2128
60	0	0	4	19	129	430	839	1189	1362	1392	1393	1393
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	57	215	572	1153	1853	2502	2949	3158	3208	3213

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

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