

Summary of Monthly Normals
1991-2020
Generated on 08/02/2021

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	39.5	27.9	33.7	4.3	4.5	4.3	0.9	0.4	0.1	0.0	0.0	0.0	660.9	722.5	815.2	970.1	0.0	0.0	5.5	7.4	20.5	0.1
02	42.2	29.5	35.9	4.5	4.4	4.4	1.3	0.7	0.3	0.0	0.0	0.0	537.4	592.9	676.4	816.2	0.0	0.0	6.7	4.4	17.7	0.0
03	49.9	35.8	42.8	3.8	3.3	3.4	13.0	8.3	3.9	1.2	0.1	0.1	389.5	446.9	535.5	687.8	0.0	0.0	15.3	0.9	10.6	0.0
04	61.8	45.5	53.7	2.6	2.0	2.2	81.1	59.2	35.7	13.7	4.6	3.0	121.7	159.7	226.2	354.3	0.0	0.2	26.9	0.0	1.0	0.0
05	71.4	55.0	63.2	2.9	2.4	2.5	264.3	211.9	144.6	66.2	24.7	15.1	10.2	19.7	45.4	122.0	0.0	1.0	30.9	0.0	0.0	0.0
06	79.7	64.4	72.0	2.2	1.4	1.7	511.6	452.0	363.8	226.2	112.5	77.7	0.2	0.5	2.4	14.7	0.0	2.8	30.0	0.0	0.0	0.0
07	84.9	70.1	77.5	3.1	2.3	2.6	697.4	635.4	542.4	387.5	236.5	180.5	0.0	0.0	0.0	0.1	0.4	7.4	31.0	0.0	0.0	0.0
08	83.3	68.9	76.1	2.3	2.0	2.0	654.0	592.0	499.1	344.9	197.8	144.7	0.0	0.0	0.1	0.9	0.0	4.9	31.0	0.0	0.0	0.0
09	76.2	62.3	69.2	2.4	1.9	2.1	428.6	370.1	284.9	159.3	68.3	43.3	1.2	2.7	7.5	31.9	0.0	1.1	30.0	0.0	0.0	0.0
10	64.5	51.4	57.9	2.5	2.3	2.3	145.7	109.0	65.2	21.6	4.9	2.2	54.2	79.5	128.7	240.1	0.0	0.0	30.3	0.0	0.0	0.0
11	54.0	42.0	48.0	3.4	3.0	3.1	26.9	16.6	7.2	0.9	0.0	0.0	236.9	286.6	367.2	510.9	0.0	0.0	20.7	0.2	3.6	0.0
12	44.3	33.8	39.1	4.1	3.8	3.9	4.6	2.6	1.0	0.0	0.0	0.0	498.9	559.0	650.4	804.4	0.0	0.0	9.0	3.1	13.8	0.0
Summary	62.6	48.9	55.8	3.2	2.8	2.9	2829	2458	1948	1221	649	467	2511	2870	3455	4553	0.4	17.4	267.3	16.0	67.2	0.1

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	3.64	10.8	6.3	2.5	0.9	2.77	3.41	4.79
02	3.19	10.0	6.0	2.2	1.0	2.00	2.84	4.06
03	4.29	11.1	7.5	2.7	1.0	3.39	4.08	5.19
04	4.09	11.4	6.5	2.4	1.0	2.51	3.62	4.78
05	3.96	11.5	7.3	2.7	1.0	2.88	3.88	4.99
06	4.54	11.2	7.0	3.1	1.1	2.99	4.37	5.41
07	4.60	10.5	6.9	3.2	1.4	2.89	4.35	6.48
08	4.56	10.0	6.5	3.1	1.2	2.86	3.76	5.54
09	4.31	8.8	6.2	2.7	1.3	2.83	3.70	5.29
10	4.38	9.5	5.6	2.8	1.5	2.28	4.17	5.73
11	3.58	9.2	5.7	2.6	1.0	2.05	3.51	4.50
12	4.38	11.4	7.3	3.3	1.2	3.21	4.44	5.37
Summary	49.52	125.4	78.8	33.3	13.6	32.66	46.13	62.13

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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	8.8	3.7	2.1	1.0	0.5	0.1	7.9	4.8	3.4	0.8	2.0	4.5	12.0
02	10.1	3.2	2.2	1.2	0.7	0.2	9.1	6.4	5.5	2.2	2.9	7.1	13.3
03	5.0	2.0	1.3	0.8	0.3	0.0	4.0	2.4	1.3	0.4	0.2	4.2	8.3
04	0.4	0.2	0.1	0.1	0.0	0.0	0.1	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	0.1	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	0.5	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
12	4.9	2.1	1.2	0.6	0.4	0.1	2.9	1.8	0.9	0.3	0.0	2.5	8.6
Summary	29.8	11.4	7.0	3.8	1.9	0.4	24.2	15.6	11.1	3.7	5.1	18.3	42.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	45.9	53.3	157.7	412.6	719.2	961.4	1162.3	1119.0	877.4	556.6	261.8	95.3
45	15.9	20.6	78.5	275.9	564.3	811.5	1007.4	964.0	727.4	404.2	150.6	41.5
50	4.3	6.3	34.1	161.6	410.2	661.4	852.3	809.0	577.5	263.0	72.4	15.2
55	0.9	1.3	13.0	81.1	264.3	511.6	697.4	654.0	428.6	145.7	26.9	4.6
60	0.1	0.3	3.9	35.7	144.6	363.8	542.4	499.1	284.9	65.2	7.2	1.0
Growing Degree Units for Corn (Monthly)												
50/86	14.2	19.1	64.5	201.6	416.8	651.0	822.1	790.4	574.8	284.0	100.2	29.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	46	99	257	670	1389	2350	3512	4631	5509	6065	6327	6422
45	16	36	115	391	955	1767	2774	3738	4466	4870	5020	5062
50	4	11	45	206	616	1278	2130	2939	3517	3780	3852	3867
55	1	2	15	96	361	872	1570	2224	2652	2798	2825	2829
60	0	0	4	40	185	548	1091	1590	1875	1940	1947	1948
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	33	98	299	716	1367	2189	2980	3554	3838	3939	3968

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

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