

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	59.6	35.3	47.4	3.8	3.9	3.6	38.3	26.5	13.9	3.6	0.3	0.0	272.2	322.4	402.8	547.5	0.0	0.0	24.6	0.1	15.1	0.0
02	63.5	38.1	50.8	4.1	3.5	3.6	53.5	37.4	20.2	5.5	0.6	0.1	171.0	211.0	277.7	403.0	0.0	0.0	24.8	0.0	10.4	0.0
03	71.0	44.1	57.5	3.8	3.7	3.5	152.5	116.5	72.5	25.5	5.0	1.9	73.5	99.5	148.5	256.5	0.0	0.1	30.1	0.0	5.2	0.0
04	78.5	50.6	64.6	2.5	2.9	2.4	296.4	243.6	172.1	79.5	25.1	13.2	9.8	17.0	35.5	93.0	0.0	1.0	30.0	0.0	0.6	0.0
05	85.9	59.6	72.7	2.5	3.0	2.4	550.5	488.8	397.4	252.6	129.8	90.0	0.3	0.6	2.2	12.4	0.2	8.1	31.0	0.0	0.0	0.0
06	91.3	68.1	79.7	3.0	1.7	2.1	740.9	680.9	590.9	441.1	293.0	235.6	0.0	0.0	0.0	0.1	1.2	18.3	30.0	0.0	0.0	0.0
07	94.1	71.6	82.8	2.7	1.4	1.7	863.3	801.3	708.3	553.3	398.4	336.5	0.0	0.0	0.0	0.0	2.5	25.1	31.0	0.0	0.0	0.0
08	92.6	71.0	81.8	2.6	1.7	1.9	830.7	768.7	675.7	520.7	366.0	304.5	0.0	0.0	0.0	0.0	1.8	21.2	31.0	0.0	0.0	0.0
09	87.8	65.0	76.4	2.7	2.2	2.0	641.9	581.9	492.1	344.6	207.4	157.7	0.0	0.0	0.2	2.7	0.1	11.4	30.0	0.0	0.0	0.0
10	79.0	53.1	66.0	2.6	3.3	2.4	352.1	296.6	218.2	112.2	44.3	27.9	9.5	16.0	30.6	79.6	0.1	1.1	31.0	0.0	0.6	0.0
11	69.1	42.2	55.6	3.4	3.1	2.9	111.6	83.5	50.8	17.6	4.0	2.1	92.0	123.9	181.2	298.0	0.0	0.0	29.4	0.0	6.8	0.0
12	61.5	37.3	49.4	4.4	4.7	4.3	50.8	36.2	19.8	5.1	0.7	0.2	224.3	271.7	348.4	488.6	0.0	0.0	26.6	0.0	12.3	0.0
Summary	77.8	53.0	65.4	3.2	2.9	2.7	4682	4162	3432	2361	1475	1170	853	1062	1427	2181	5.9	86.3	349.5	0.1	51.0	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	3.84	9.9	6.5	2.6	1.1	2.18	3.23	5.19
02	3.67	9.1	6.0	2.8	1.1	2.17	3.48	4.65
03	4.08	8.6	6.1	2.7	1.2	2.61	3.28	5.43
04	2.92	7.6	5.0	2.0	0.7	1.57	2.59	4.04
05	3.05	7.9	4.7	2.0	0.9	1.43	2.39	4.38
06	4.75	11.1	7.2	3.2	1.6	2.58	4.66	6.01
07	4.48	11.3	6.8	2.9	1.5	3.06	4.08	5.76
08	4.61	11.1	7.4	3.0	1.3	2.30	4.32	5.89
09	3.60	7.9	4.7	2.1	0.9	1.63	3.37	5.48
10	2.56	6.4	3.7	1.6	0.8	0.71	2.23	4.20
11	2.66	7.0	4.0	1.8	0.8	1.17	1.86	3.62
12	3.87	9.4	6.1	2.7	1.0	2.03	3.78	5.24
Summary	44.09	107.3	68.2	29.4	12.9	23.44	39.27	59.89

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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	0.4	0.3	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
02	0.3	0.1	0.1	0.0	0.0	0.0	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.8	0.5	0.3	0.0	0.0	0.0	0.4	0.1	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	264.2	311.7	545.8	736.6	1015.2	1190.9	1328.3	1295.7	1091.9	807.5	471.3	308.4
45	156.6	196.3	396.9	586.8	860.2	1040.9	1173.3	1140.7	941.9	652.7	329.4	188.8
50	82.9	109.7	262.3	438.7	705.2	890.9	1018.3	985.7	791.9	499.6	205.9	103.7
55	38.3	53.5	152.5	296.4	550.5	740.9	863.3	830.7	641.9	352.1	111.6	50.8
60	13.9	20.2	72.5	172.1	397.4	590.9	708.3	675.7	492.1	218.2	50.8	19.8
Growing Degree Units for Corn (Monthly)												
50/86	173.0	203.6	350.7	476.9	671.7	802.8	890.8	878.9	739.6	529.6	308.9	197.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	264	576	1122	1858	2874	4064	5393	6688	7780	8588	9059	9367
45	157	353	750	1337	2197	3238	4411	5552	6494	7146	7476	7664
50	83	193	455	894	1599	2490	3508	4494	5286	5785	5991	6095
55	38	92	244	541	1091	1832	2695	3526	4168	4520	4632	4682
60	14	34	107	279	676	1267	1975	2651	3143	3361	3412	3432
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	173	377	727	1204	1876	2679	3570	4448	5188	5718	6026	6224

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

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