

Summary of Monthly Normals
1991-2020
Generated on 06/30/2022

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	26.0	3.4	14.7	4.1	5.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1249.2	1311.1	1404.1	1559.1	0.0	0.0	0.5	23.5	30.9	13.7
02	29.4	4.5	16.9	4.2	5.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1065.4	1121.3	1205.3	1345.3	0.0	0.0	0.6	17.8	27.8	11.6
03	38.3	15.2	26.8	3.3	5.1	4.0	0.2	0.1	0.0	0.0	0.0	0.0	876.0	937.8	1030.7	1185.7	0.0	0.0	2.9	9.5	30.3	4.0
04	51.1	27.9	39.5	2.8	1.9	2.1	3.0	1.5	0.6	0.1	0.0	0.0	468.0	526.5	615.6	765.1	0.0	0.0	14.7	0.8	23.6	0.0
05	65.3	39.6	52.4	3.8	2.6	2.8	59.3	39.5	20.7	6.7	2.0	1.1	138.4	180.6	254.8	395.8	0.0	0.2	28.6	0.0	4.9	0.0
06	74.2	49.5	61.9	2.8	1.9	1.9	219.2	170.0	108.1	41.0	10.8	5.4	13.8	24.6	52.7	135.6	0.0	0.7	29.8	0.0	0.1	0.0
07	79.8	55.1	67.4	2.4	2.5	2.3	386.4	325.1	236.0	110.9	34.8	19.4	0.5	1.3	5.2	35.1	0.0	1.1	31.0	0.0	0.0	0.0
08	78.5	53.3	65.9	2.1	2.3	2.0	338.7	278.6	193.3	80.1	20.4	9.3	0.8	2.8	10.5	52.3	0.0	0.4	31.0	0.0	0.0	0.0
09	70.8	44.7	57.8	2.5	2.9	2.5	136.6	102.2	61.0	20.6	4.8	2.3	54.1	79.8	128.6	238.2	0.0	0.2	29.9	0.0	2.2	0.0
10	57.1	34.4	45.7	3.3	2.9	2.9	13.9	8.4	3.5	0.7	0.1	0.1	300.6	357.2	445.2	597.4	0.0	0.0	23.4	0.0	13.6	0.0
11	44.1	24.8	34.4	3.2	2.9	2.8	0.5	0.2	0.0	0.0	0.0	0.0	617.0	676.7	766.6	916.5	0.0	0.0	7.3	3.8	24.6	0.1
12	32.4	13.2	22.8	3.5	4.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	998.2	1060.1	1153.1	1308.1	0.0	0.0	1.0	17.4	30.4	4.3
Summary	53.9	30.5	42.2	3.2	3.4	3.1	1158	926	623	260	73	38	5782	6280	7072	8534	0.0	2.6	200.7	72.8	188.4	33.7

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	3.47	10.5	6.4	2.2	0.7	2.34	3.13	4.50
02	2.76	9.3	6.3	1.5	0.4	2.11	2.85	3.17
03	3.39	9.8	6.6	2.1	0.8	2.30	3.38	4.10
04	3.65	11.1	7.6	2.2	0.8	2.60	3.83	4.56
05	3.34	13.0	8.5	2.0	0.3	2.05	3.53	4.37
06	4.35	13.4	8.8	2.5	0.9	2.75	4.36	5.68
07	3.36	13.2	7.6	1.8	0.6	2.51	3.28	3.98
08	3.67	12.0	6.9	2.0	0.7	2.11	3.43	4.75
09	3.70	9.9	6.1	2.4	0.8	2.24	3.64	4.96
10	4.82	12.0	7.6	2.9	1.5	3.10	4.28	6.31
11	4.09	10.9	7.4	2.5	1.1	2.69	3.79	5.19
12	4.07	12.7	7.7	2.9	0.9	2.52	4.00	5.14
Summary	44.67	137.8	87.5	27.0	9.5	29.32	43.50	56.71

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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	18.10	7.3	5.9	2.3	1.1	0.2	30.3	28.2	26.4	19.7	10.10	17.40	25.00
02	19.80	7.1	5.7	3.0	1.4	0.2	27.9	27.8	27.7	24.6	13.60	18.00	27.50
03	15.10	5.2	4.2	2.1	1.1	0.3	29.5	29.0	28.3	23.4	7.00	11.90	21.20
04	4.70	1.8	1.2	0.6	0.3	0.1	13.5	11.8	9.9	7.0	0.80	2.50	7.10
05	0.10	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.50	0.4	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
11	3.90	2.4	1.8	0.5	0.2	0.0	5.2	2.7	1.3	0.4	1.00	1.50	4.10
12	15.10	6.9	5.1	2.3	1.1	0.2	22.6	18.4	13.5	7.6	7.20	10.50	21.50
Summary	77.3	31.2	24.1	10.8	5.2	1.0	129.4	118.0	107.1	82.7	39.7	61.8	106.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.5	0.4	7.3	84.1	388.9	655.4	850.8	802.8	532.6	206.3	39.4	2.8
45	0.0	0.0	2.3	34.7	248.5	505.9	695.9	647.8	385.3	106.1	13.5	0.4
50	0.0	0.0	1.0	11.8	134.8	358.3	540.9	492.8	249.0	43.2	3.2	0.0
55	0.0	0.0	0.2	3.0	59.3	219.2	386.4	338.7	136.6	13.9	0.5	0.0
60	0.0	0.0	0.0	0.6	20.7	108.1	236.0	193.3	61.0	3.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	0.9	9.3	69.9	242.5	394.2	541.9	503.8	328.7	129.1	27.0	2.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	1	8	92	481	1137	1987	2790	3323	3529	3568	3571
45	0	0	2	37	286	791	1487	2135	2520	2626	2640	2640
50	0	0	1	13	148	506	1047	1540	1789	1832	1835	1835
55	0	0	0	3	62	282	668	1007	1143	1157	1158	1158
60	0	0	0	1	21	129	365	559	620	623	623	623
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	11	81	323	717	1259	1763	2092	2221	2248	2250

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

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