

Summary of Monthly Normals
1991-2020
 Generated on 09/28/2021

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	47.9	27.5	37.7	4.1	4.7	4.2	9.1	5.4	2.1	0.3	0.0	0.0	545.2	603.5	693.2	846.5	0.0	0.0	14.0	3.6	21.9	0.3
02	52.5	30.4	41.4	4.7	4.5	4.4	12.3	7.3	3.2	0.7	0.0	0.0	391.7	442.7	522.6	660.1	0.0	0.0	16.5	1.5	18.0	0.1
03	61.1	37.2	49.1	4.6	3.7	3.9	54.6	38.0	20.4	5.2	0.7	0.3	236.0	281.4	356.8	496.5	0.0	0.0	25.5	0.2	11.9	0.0
04	70.9	45.7	58.3	2.9	3.3	2.9	170.6	134.4	88.2	33.5	7.5	3.1	71.6	95.4	139.2	234.5	0.0	0.0	29.1	0.0	2.7	0.0
05	79.0	55.3	67.2	2.9	3.5	2.9	383.3	327.0	247.4	133.2	50.5	28.1	6.6	12.3	25.8	66.5	0.0	1.4	31.0	0.0	0.0	0.0
06	86.2	64.4	75.3	2.6	2.1	2.0	608.9	549.1	459.5	312.9	176.0	127.7	0.0	0.2	0.6	4.0	0.1	9.1	30.0	0.0	0.0	0.0
07	89.2	68.4	78.8	2.3	2.0	1.9	737.7	675.7	582.7	427.8	274.3	214.6	0.0	0.0	0.0	0.0	0.3	15.4	31.0	0.0	0.0	0.0
08	89.0	66.6	77.8	3.1	2.5	2.5	706.7	644.7	551.7	397.3	246.1	189.0	0.0	0.0	0.0	0.6	0.6	14.4	31.0	0.0	0.0	0.0
09	83.8	59.3	71.6	3.2	2.4	2.5	497.6	438.9	352.6	219.9	109.8	74.8	1.2	2.5	6.3	23.5	0.0	7.1	30.0	0.0	0.0	0.0
10	73.1	46.7	59.9	2.9	2.8	2.4	204.4	163.0	110.1	46.0	12.7	7.3	52.5	73.0	113.1	204.1	0.0	0.4	30.6	0.0	2.6	0.0
11	60.9	36.8	48.9	4.6	4.0	3.9	47.3	32.9	17.7	4.8	0.6	0.2	231.7	277.3	352.1	489.2	0.0	0.0	25.2	0.0	12.5	0.0
12	51.3	31.0	41.2	4.4	3.9	4.0	13.9	8.6	3.7	0.6	0.0	0.0	443.1	499.9	588.0	739.9	0.0	0.0	17.4	1.5	19.5	0.0
Summary	70.4	47.4	58.9	3.5	3.3	3.1	3446	3025	2439	1582	878	645	1980	2288	2798	3765	1.0	47.8	311.3	6.8	89.1	0.4

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	4.66	12.4	7.7	3.5	1.3	3.47	4.46	5.84
02	4.87	11.7	7.3	3.4	1.5	2.95	4.19	6.08
03	5.29	12.5	8.7	4.0	1.4	3.69	4.88	6.07
04	4.83	11.1	7.1	3.2	1.4	2.85	4.70	6.74
05	4.93	12.3	8.1	3.1	1.2	3.34	4.59	5.26
06	5.68	12.4	8.5	3.6	1.8	3.79	5.20	6.55
07	4.95	10.8	7.6	3.1	1.4	3.93	4.90	5.98
08	3.61	9.9	6.3	2.5	1.1	2.52	3.37	4.45
09	4.04	8.9	5.6	2.6	1.5	2.37	4.41	5.09
10	3.46	9.6	5.6	2.6	1.0	2.37	3.10	4.18
11	4.06	10.1	6.0	2.9	1.2	2.98	3.65	5.05
12	5.54	12.8	8.2	3.9	1.8	3.71	5.63	6.81
Summary	55.92	134.5	86.7	38.4	16.6	37.97	53.08	68.10

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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	0.8	0.7	0.5	0.1	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.8
02	0.7	0.7	0.2	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.0	0.0	0.9
03	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
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	0.3	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Summary	2.2	2.1	1.0	0.1	0.0	0.0	1.9	0.6	0.1	0.0	0.0	0.0	1.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	104.7	138.0	314.9	551.9	841.6	1058.8	1202.6	1171.6	946.3	618.5	292.7	143.5
45	52.7	73.9	200.7	410.1	686.7	908.8	1047.7	1016.6	796.3	468.8	183.1	76.7
50	23.8	33.8	113.4	279.5	532.6	758.9	892.7	861.7	646.5	327.6	100.7	35.8
55	9.1	12.3	54.6	170.6	383.3	608.9	737.7	706.7	497.6	204.4	47.3	13.9
60	2.1	3.2	20.4	88.2	247.4	459.5	582.7	551.7	352.6	110.1	17.7	3.7
Growing Degree Units for Corn (Monthly)												
50/86	64.5	92.5	200.6	351.2	548.2	723.5	831.3	800.3	627.4	399.3	188.0	86.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	105	243	558	1110	1951	3010	4212	5384	6330	6949	7242	7385
45	53	127	327	737	1424	2333	3381	4397	5194	5662	5845	5922
50	24	58	171	450	983	1742	2635	3496	4143	4470	4571	4607
55	9	21	76	247	630	1239	1976	2683	3181	3385	3432	3446
60	2	5	26	114	361	821	1404	1955	2308	2418	2436	2439
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	64	157	358	709	1257	1980	2812	3612	4240	4639	4827	4913

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

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