

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	35.6	14.4	25.0	5.3	4.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	929.8	991.8	1084.8	1239.8	0.0	0.0	4.8	12.9	30.1	4.8
02	40.6	18.4	29.5	6.9	5.3	5.9	1.1	0.6	0.2	0.0	0.0	0.0	714.9	770.4	854.0	993.8	0.0	0.0	7.4	9.2	25.6	2.6
03	53.6	28.7	41.2	5.9	4.6	4.9	20.6	14.0	7.4	1.9	0.2	0.0	450.0	505.5	591.8	741.3	0.0	0.1	18.1	2.3	20.8	0.6
04	64.8	39.2	52.0	3.5	3.2	3.1	78.2	57.0	33.3	11.2	2.5	1.1	168.2	207.0	273.3	401.2	0.0	0.4	26.0	0.0	7.9	0.0
05	75.0	51.2	63.1	3.7	2.8	3.0	276.6	228.3	165.4	84.2	33.4	21.1	25.6	39.3	69.3	143.2	0.1	2.0	30.9	0.0	0.5	0.0
06	85.2	62.1	73.7	3.0	2.4	2.6	559.6	500.2	412.0	271.3	149.3	109.2	0.3	0.8	2.6	12.0	0.2	8.7	30.0	0.0	0.0	0.0
07	89.4	66.7	78.1	3.3	2.7	2.7	714.4	652.4	559.5	405.2	257.8	203.2	0.0	0.0	0.0	0.7	1.9	14.0	31.0	0.0	0.0	0.0
08	87.2	64.1	75.6	2.9	2.6	2.5	640.0	578.1	485.3	333.3	193.3	145.3	0.0	0.0	0.2	3.3	1.1	11.0	31.0	0.0	0.0	0.0
09	80.1	54.3	67.2	3.4	3.6	3.2	376.1	322.3	247.1	142.9	69.5	48.8	10.2	16.4	31.3	77.0	0.1	5.0	29.9	0.0	0.2	0.0
10	66.6	41.0	53.8	4.0	2.7	3.1	107.2	81.3	51.2	19.7	6.1	3.6	144.4	180.5	243.5	367.0	0.0	0.5	28.4	0.2	6.8	0.0
11	51.7	28.0	39.8	5.9	3.8	4.6	10.6	6.8	3.1	0.5	0.0	0.0	465.1	521.3	607.5	755.0	0.0	0.0	16.8	2.5	21.4	0.1
12	39.4	18.2	28.8	4.8	4.3	4.3	0.1	0.1	0.0	0.0	0.0	0.0	812.1	874.0	967.0	1122.0	0.0	0.0	6.6	9.8	29.4	2.1
Summary	64.1	40.5	52.3	4.4	3.5	3.7	2784	2441	1964	1270	712	532	3721	4107	4725	5856	3.4	41.7	260.9	36.9	142.7	10.2

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	0.73	5.9	2.4	0.2	0.0	0.42	0.78	1.00
02	0.89	6.1	2.5	0.4	0.0	0.55	0.75	1.25
03	1.55	8.1	3.9	1.0	0.0	0.85	1.49	2.41
04	2.69	9.7	5.2	1.8	0.5	1.94	2.59	3.54
05	4.91	11.8	7.6	3.5	1.1	2.53	5.03	6.22
06	4.48	10.4	6.9	2.9	1.4	2.90	4.26	5.89
07	3.25	8.9	5.6	2.0	0.7	1.56	2.49	4.24
08	3.32	8.8	5.9	2.3	0.9	1.86	3.01	4.06
09	2.90	7.2	4.7	1.9	0.9	1.65	2.58	3.71
10	2.14	7.1	4.3	1.5	0.5	0.95	1.89	2.81
11	1.30	5.4	2.4	0.8	0.3	0.57	1.21	1.97
12	1.18	5.9	2.8	0.7	0.1	0.39	0.77	1.61
Summary	29.34	95.3	54.2	19.0	6.4	16.17	26.85	38.71

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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	6.5	5.0	2.3	0.8	0.2	0.0	12.9	7.0	4.2	1.0	3.7	5.6	9.7
02	7.1	4.5	2.1	0.8	0.3	0.0	10.9	5.8	3.1	0.6	2.3	7.4	9.9
03	3.4	2.2	0.9	0.3	0.3	0.0	3.2	1.8	1.2	0.1	0.3	1.3	6.2
04	1.2	0.6	0.3	0.2	0.1	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.5
05	0.1	0.1	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	0.9	0.3	0.2	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0
11	1.5	1.4	0.6	0.1	0.0	0.0	1.8	0.6	0.3	0.0	0.0	0.2	2.6
12	5.3	3.8	1.8	0.6	0.2	0.0	8.0	3.7	1.8	0.9	2.1	4.6	6.2
Summary	26.0	17.9	8.2	2.9	1.1	0.0	37.7	19.4	10.8	2.6	8.4	19.1	35.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9.2	32.7	159.0	376.5	716.1	1009.4	1179.4	1105.1	816.0	440.3	122.7	16.6
45	1.9	13.1	88.9	252.0	561.9	859.3	1024.3	950.0	666.1	306.9	62.0	4.3
50	0.2	4.2	45.1	150.7	412.4	709.3	869.4	795.0	518.3	192.8	27.5	0.8
55	0.0	1.1	20.6	78.2	276.6	559.6	714.4	640.0	376.1	107.2	10.6	0.1
60	0.0	0.2	7.4	33.3	165.4	412.0	559.5	485.3	247.1	51.2	3.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.9	33.8	125.1	241.3	443.1	671.7	795.9	741.7	523.9	282.7	94.8	20.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	42	201	577	1294	2303	3482	4587	5403	5844	5966	5983
45	2	15	104	356	918	1777	2801	3751	4418	4724	4786	4791
50	0	4	50	200	613	1322	2191	2986	3505	3697	3725	3726
55	0	1	22	100	376	936	1650	2290	2667	2774	2784	2784
60	0	0	8	41	206	618	1178	1663	1910	1961	1964	1964
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	48	173	414	857	1529	2325	3066	3590	3873	3968	3988

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

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