

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	30.7	15.2	22.9	4.6	5.4	4.9	0.2	0.1	0.0	0.0	0.0	0.0	993.5	1055.2	1148.2	1303.4	0.0	0.0	2.3	14.8	28.6	4.6
02	35.1	18.9	27.0	5.6	6.1	5.8	0.1	0.1	0.0	0.0	0.0	0.0	784.0	839.9	923.8	1063.9	0.0	0.0	3.6	9.6	25.1	2.5
03	47.6	29.0	38.3	5.2	4.7	4.9	12.4	8.5	4.9	1.6	0.1	0.0	530.2	588.2	677.6	829.3	0.0	0.0	14.3	2.5	21.1	0.3
04	61.2	39.4	50.3	3.9	3.3	3.4	59.8	43.0	24.6	7.7	1.5	0.7	200.8	244.0	315.6	448.7	0.0	0.1	25.4	0.0	6.2	0.0
05	71.7	50.9	61.3	3.6	3.6	3.5	231.6	188.0	132.2	62.6	22.5	12.9	36.4	54.8	91.9	177.4	0.0	0.8	30.7	0.0	0.3	0.0
06	79.9	60.5	70.2	2.1	2.1	1.9	457.1	398.5	313.0	183.8	83.3	54.5	1.3	2.7	7.2	27.9	0.0	3.7	30.0	0.0	0.0	0.0
07	82.9	64.4	73.7	3.4	2.5	2.8	578.1	516.0	423.1	271.7	138.9	96.5	0.0	0.0	0.1	3.7	0.4	5.6	31.0	0.0	0.0	0.0
08	81.6	62.3	71.9	2.7	3.0	2.6	525.4	463.5	371.3	224.0	102.3	66.0	0.1	0.2	1.0	8.6	0.0	4.5	31.0	0.0	0.0	0.0
09	76.4	54.2	65.3	3.7	2.7	2.8	320.6	267.8	195.1	99.3	38.2	23.3	11.7	19.0	36.3	90.4	0.0	2.5	30.0	0.0	0.1	0.0
10	64.0	42.6	53.3	3.2	2.6	2.6	92.8	68.9	41.2	13.7	3.6	1.9	145.6	183.6	249.0	376.4	0.0	0.1	28.4	0.0	3.6	0.0
11	48.5	31.5	40.0	5.8	4.2	4.8	10.6	6.2	2.5	0.2	0.0	0.0	460.6	516.1	602.5	750.2	0.0	0.0	14.8	1.9	16.9	0.0
12	35.9	21.1	28.5	5.2	5.5	5.2	0.6	0.3	0.0	0.0	0.0	0.0	822.0	883.6	976.3	1131.4	0.0	0.0	4.2	9.8	27.0	1.9
Summary	59.6	40.8	50.2	4.1	3.8	3.8	2289	1961	1508	865	390	256	3986	4387	5030	6211	0.4	17.3	245.7	38.6	128.9	9.3

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	1.78	8.7	4.8	0.9	0.4	1.09	1.65	2.27
02	1.54	7.5	3.9	0.9	0.2	0.91	1.27	1.89
03	2.29	9.0	5.3	1.5	0.3	1.20	1.60	3.08
04	3.53	11.6	7.5	2.5	0.5	2.06	3.59	4.20
05	4.48	12.2	8.4	3.1	1.2	3.73	4.65	5.79
06	4.40	10.6	7.0	2.9	1.1	2.43	4.18	5.66
07	3.63	8.4	6.0	2.6	1.0	2.00	3.31	5.05
08	3.72	8.8	6.0	2.5	1.4	2.17	2.82	4.98
09	3.23	8.2	5.6	2.3	0.9	1.92	2.68	4.08
10	3.10	9.4	5.6	2.0	0.5	1.64	2.70	3.65
11	2.50	8.6	5.2	1.8	0.5	1.56	2.27	2.87
12	1.99	8.6	4.6	1.2	0.3	1.49	1.74	2.46
Summary	36.19	111.6	69.9	24.2	8.3	22.20	32.46	45.98

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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	9.20	5.0	3.4	0.9	0.4	0.0	16.9	9.9	4.6	1.0	5.50	7.70	14.00
02	5.20	3.4	2.6	0.8	0.3	0.0	11.2	6.9	4.4	1.1	1.00	3.00	8.10
03	3.30	1.6	1.1	0.4	0.2	0.0	4.1	2.2	1.3	0.2	0.00	2.00	4.70
04	0.40	0.3	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
05	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	0.6	0.3	0.1	0.0	0.0	0.7	0.2	0.1	0.0	0.00	0.00	0.70
12	4.80	3.4	2.2	0.8	0.3	0.0	9.4	5.1	2.5	0.5	0.80	3.60	9.10
Summary	23.7	14.3	9.8	3.0	1.2	0.0	42.6	24.3	12.9	2.8	7.3	16.3	36.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6.5	16.8	107.4	331.2	660.4	905.8	1043.0	990.3	758.8	419.7	123.6	18.1
45	1.4	6.0	58.4	214.2	507.3	755.9	888.0	835.3	609.4	283.8	64.8	5.9
50	0.5	1.8	29.4	122.3	360.6	606.0	733.1	680.4	462.0	174.5	29.7	2.0
55	0.2	0.1	12.4	59.8	231.6	457.1	578.1	525.4	320.6	92.8	10.6	0.6
60	0.0	0.0	4.9	24.6	132.2	313.0	423.1	371.3	195.1	41.2	2.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.8	9.8	65.7	194.2	396.0	599.7	716.1	669.6	476.4	241.7	65.6	8.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	23	131	462	1122	2028	3071	4061	4820	5240	5364	5382
45	1	7	66	280	787	1543	2431	3266	3876	4160	4224	4230
50	0	2	32	154	515	1121	1854	2534	2996	3171	3200	3202
55	0	0	13	72	304	761	1339	1865	2185	2278	2289	2289
60	0	0	5	30	162	475	898	1269	1464	1505	1508	1508
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	14	79	274	670	1269	1985	2655	3131	3373	3439	3447

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

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