

Summary of Monthly Normals
1991-2020
 Generated on 11/29/2021

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	47.7	25.1	36.4	3.4	3.3	3.1	5.5	3.2	1.2	0.2	0.0	0.0	581.9	641.6	732.6	886.7	0.0	0.0	14.5	3.1	23.4	0.3
02	52.2	28.5	40.4	4.4	3.9	3.9	10.6	6.3	2.7	0.6	0.1	0.0	420.7	472.4	552.8	690.7	0.0	0.0	16.8	1.7	18.5	0.3
03	60.7	36.1	48.4	4.1	3.7	3.7	48.1	34.0	18.4	5.0	1.0	0.6	252.8	300.6	378.0	519.6	0.0	0.0	25.5	0.2	11.5	0.0
04	69.7	44.5	57.1	2.7	3.4	2.9	140.8	107.4	66.3	23.3	4.7	1.7	77.8	104.4	153.3	260.3	0.0	0.1	29.1	0.0	3.0	0.0
05	76.7	54.0	65.3	2.8	2.8	2.6	329.6	274.6	199.0	97.0	31.9	17.1	8.7	15.7	33.1	86.2	0.0	0.4	30.9	0.0	0.1	0.0
06	84.6	62.6	73.6	2.8	2.4	2.3	558.0	498.0	408.5	262.9	131.9	88.0	0.1	0.2	0.6	5.0	0.1	4.9	30.0	0.0	0.0	0.0
07	89.2	66.5	77.9	3.1	2.4	2.5	708.2	646.2	553.2	398.5	248.0	191.4	0.0	0.0	0.0	0.3	0.9	15.9	31.0	0.0	0.0	0.0
08	89.0	64.9	76.9	3.8	2.9	3.1	680.2	618.2	525.3	371.5	224.6	171.3	0.0	0.0	0.0	1.1	1.1	15.0	31.0	0.0	0.0	0.0
09	81.5	56.5	69.0	3.1	3.2	2.9	422.9	365.6	283.4	161.3	71.2	45.2	2.9	5.7	13.4	41.3	0.2	4.2	30.0	0.0	0.0	0.0
10	70.9	45.2	58.0	2.9	2.6	2.2	163.4	125.8	79.4	29.1	7.4	3.5	68.8	93.3	139.8	244.5	0.0	0.0	30.4	0.0	2.8	0.0
11	59.4	35.3	47.3	4.3	3.7	3.7	37.4	25.6	12.8	2.8	0.1	0.0	266.9	315.0	392.3	532.3	0.0	0.0	24.6	0.2	12.8	0.0
12	49.8	27.8	38.8	3.8	3.1	3.3	7.6	4.8	2.2	0.1	0.0	0.0	509.7	568.8	659.2	812.2	0.0	0.0	16.6	2.0	21.5	0.0
Summary	69.3	45.6	57.4	3.4	3.1	3.0	3112	2710	2152	1352	721	519	2190	2518	3055	4080	2.3	40.5	310.4	7.2	93.6	0.6

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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	2.75	8.3	4.4	1.8	0.7	1.59	2.46	3.50
02	2.56	7.7	4.5	1.7	0.6	1.13	2.01	3.42
03	3.98	11.1	6.6	2.8	1.1	2.94	3.70	4.69
04	5.01	10.3	7.0	3.1	1.4	2.75	4.04	5.53
05	5.89	12.8	7.9	4.4	1.8	3.83	5.97	7.39
06	4.31	10.4	6.4	2.9	1.1	2.27	3.83	5.64
07	3.80	8.8	5.8	2.3	1.3	2.20	3.11	4.96
08	3.17	8.4	4.6	2.0	1.1	1.31	2.97	4.40
09	4.26	9.1	5.0	2.6	1.5	2.67	3.63	5.27
10	4.48	9.8	5.9	3.0	1.5	2.84	3.99	5.45
11	3.68	8.6	5.2	2.4	1.2	1.07	2.61	5.97
12	3.07	8.0	4.9	2.3	0.7	1.85	2.87	3.79
Summary	46.96	113.3	68.2	31.3	14.0	26.45	41.19	60.01

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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	1.5	0.9	0.4	0.2	0.1	0.0	1.9	0.6	0.3	0.0	0.0	0.1	1.1
02	2.4	0.9	0.7	0.2	0.1	0.0	1.7	0.8	0.4	0.2	0.0	0.5	2.7
03	1.3	0.5	0.2	0.1	0.1	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.4
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	0.2	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12	1.1	0.7	0.2	0.1	0.1	0.0	0.6	0.4	0.2	0.0	0.0	0.1	0.6
Summary	6.5	3.3	1.6	0.6	0.4	0.0	4.9	2.0	1.0	0.2	0.0	0.7	4.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	77.8	121.3	295.1	515.9	785.9	1007.9	1173.2	1145.2	870.0	561.6	259.2	100.6
45	36.6	63.1	183.6	373.7	631.2	857.9	1018.2	990.2	720.0	413.0	156.9	49.4
50	15.3	29.1	100.3	245.2	477.4	707.9	863.2	835.2	570.3	276.7	83.3	21.3
55	5.5	10.6	48.1	140.8	329.6	558.0	708.2	680.2	422.9	163.4	37.4	7.6
60	1.2	2.7	18.4	66.3	199.0	408.5	553.2	525.3	283.4	79.4	12.8	2.2
Growing Degree Units for Corn (Monthly)												
50/86	60.0	89.2	195.2	328.2	503.9	687.6	798.2	767.6	571.7	358.4	170.0	70.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	78	199	494	1010	1796	2804	3977	5122	5992	6554	6813	6914
45	37	100	283	657	1288	2146	3164	4154	4874	5288	5444	5494
50	15	44	145	390	867	1575	2438	3274	3844	4121	4204	4225
55	6	16	64	205	535	1093	1801	2481	2904	3067	3105	3112
60	1	4	22	89	288	696	1249	1775	2058	2137	2150	2152
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	60	149	344	673	1176	1864	2662	3430	4002	4360	4530	4601

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

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