

Summary of Monthly Normals
1991-2020
 Generated on 10/22/2021

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	39.4	21.5	30.4	4.3	4.1	4.1	0.8	0.5	0.2	0.0	0.0	0.0	761.8	823.4	916.1	1070.9	0.0	0.0	6.6	6.9	26.9	0.2
02	42.2	22.6	32.4	4.8	4.6	4.5	0.4	0.1	0.0	0.0	0.0	0.0	633.2	688.9	772.7	912.7	0.0	0.0	8.2	3.9	24.2	0.2
03	50.5	29.4	40.0	4.4	3.5	3.8	7.1	4.1	1.9	0.3	0.0	0.0	473.6	532.6	623.4	776.7	0.0	0.0	16.6	0.8	20.0	0.0
04	62.5	39.5	51.0	3.2	2.3	2.5	57.2	41.0	23.9	7.8	1.9	0.8	177.2	221.0	293.9	427.8	0.0	0.3	27.1	0.0	5.9	0.0
05	72.3	49.5	60.9	3.8	3.6	3.6	210.0	165.5	110.6	48.2	15.7	8.8	27.1	44.6	82.7	175.3	0.0	1.7	30.9	0.0	0.1	0.0
06	81.1	59.8	70.5	2.3	1.5	1.7	464.2	405.2	318.9	187.9	86.4	57.0	0.8	1.8	5.5	24.5	0.1	5.3	30.0	0.0	0.0	0.0
07	85.8	65.2	75.5	2.7	2.6	2.5	635.4	573.4	480.4	326.1	180.2	130.8	0.0	0.0	0.0	0.7	0.4	10.6	31.0	0.0	0.0	0.0
08	84.0	63.5	73.8	2.2	2.4	2.1	581.2	519.2	426.3	273.8	137.7	94.5	0.0	0.0	0.1	2.6	0.1	7.4	31.0	0.0	0.0	0.0
09	77.4	55.7	66.6	2.6	2.6	2.2	351.9	296.3	218.0	110.0	40.2	23.8	5.4	9.8	21.6	63.6	0.0	2.0	30.0	0.0	0.1	0.0
10	65.6	43.5	54.6	2.7	3.0	2.6	93.1	67.0	37.8	11.6	2.2	0.7	106.9	142.9	206.7	335.5	0.0	0.0	30.2	0.0	2.7	0.0
11	54.6	33.2	43.9	3.6	2.8	2.9	11.8	6.6	2.4	0.4	0.0	0.0	344.8	399.6	485.4	633.4	0.0	0.0	21.8	0.1	15.4	0.0
12	44.4	26.5	35.4	4.3	3.8	4.0	2.5	1.5	0.4	0.0	0.0	0.0	608.6	669.5	761.5	916.0	0.0	0.0	10.6	2.6	24.4	0.0
Summary	63.3	42.5	52.9	3.4	3.1	3.0	2416	2080	1621	966	464	316	3139	3534	4170	5340	0.6	27.3	274.0	14.3	119.7	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	3.69	10.5	7.0	2.5	1.0	2.89	3.39	4.22
02	3.06	9.9	6.0	2.0	0.8	2.12	2.70	3.53
03	4.58	10.7	7.8	3.2	1.2	3.58	4.80	5.25
04	3.97	10.7	6.8	2.4	0.9	2.57	3.39	4.74
05	4.00	11.3	7.4	2.8	1.0	2.89	3.84	5.48
06	4.58	10.5	7.1	3.2	1.2	2.62	3.52	6.88
07	4.94	10.0	7.4	3.3	1.4	3.61	4.88	5.93
08	4.67	9.0	6.3	2.9	1.2	2.88	4.42	5.92
09	4.72	8.6	6.4	3.1	1.2	2.12	4.09	6.02
10	4.21	9.3	6.0	2.9	1.3	2.32	4.15	5.85
11	3.63	8.7	6.2	2.5	1.0	2.39	3.20	5.02
12	4.65	10.6	7.8	3.1	1.2	3.39	4.47	6.00
Summary	50.70	119.8	82.2	33.9	13.4	33.38	46.85	64.84

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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	7.0	2.3	1.7	0.6	0.2	0.1	6.2	3.4	2.0	1.0	1.9	3.3	7.9
02	5.7	1.9	1.5	0.5	0.3	0.2	6.2	3.5	2.1	0.5	0.8	3.0	8.6
03	3.5	1.2	0.9	0.4	0.2	0.0	2.7	1.3	0.5	0.0	0.0	1.0	4.5
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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	3.4	1.2	0.8	0.4	0.2	0.0	2.7	1.1	0.7	0.1	0.0	0.5	7.5
Summary	19.9	6.8	5.1	1.9	0.9	0.3	17.9	9.3	5.3	1.6	2.7	7.8	28.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23.2	27.6	109.6	338.2	647.9	913.4	1100.3	1046.1	796.4	452.5	166.7	52.7
45	8.8	9.1	51.4	212.9	493.3	763.4	945.4	891.2	646.4	307.5	84.8	22.3
50	2.5	2.2	21.2	117.7	343.2	613.6	790.4	736.2	497.3	183.1	36.0	8.1
55	0.8	0.4	7.1	57.2	210.0	464.2	635.4	581.2	351.9	93.1	11.8	2.5
60	0.2	0.0	1.9	23.9	110.6	318.9	480.4	426.3	218.0	37.8	2.4	0.4
Growing Degree Units for Corn (Monthly)												
50/86	15.7	21.9	73.0	202.8	390.2	603.3	756.9	715.7	508.9	264.4	101.9	31.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	23	51	160	499	1146	2060	3160	4206	5003	5455	5622	5675
45	9	18	69	282	776	1539	2484	3376	4022	4329	4414	4436
50	2	5	26	144	487	1100	1891	2627	3124	3307	3343	3352
55	1	1	8	66	276	740	1375	1956	2308	2401	2413	2416
60	0	0	2	26	137	456	936	1362	1580	1618	1620	1621
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	38	111	313	704	1307	2064	2780	3288	3553	3655	3686

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

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