

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

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	32.4	16.1	24.2	4.4	5.6	4.9	0.1	0.0	0.0	0.0	0.0	0.0	953.2	1015.1	1108.0	1263.0	0.0	0.0	2.5	17.0	28.5	3.8
02	34.6	15.8	25.2	5.3	6.5	5.7	0.3	0.1	0.0	0.0	0.0	0.0	834.6	890.4	974.3	1114.3	0.0	0.0	2.9	12.9	26.0	3.5
03	43.5	23.1	33.3	5.3	4.3	4.6	4.0	2.6	1.1	0.1	0.0	0.0	676.7	737.2	828.7	982.7	0.0	0.0	9.2	6.4	25.4	1.1
04	56.9	34.0	45.4	3.6	2.5	2.6	24.9	16.9	8.6	2.1	0.1	0.0	311.4	363.4	445.1	588.6	0.0	0.0	21.2	0.7	15.3	0.0
05	68.8	44.3	56.5	3.8	3.2	3.4	136.8	105.3	66.8	25.8	6.9	3.3	88.8	119.3	173.8	287.8	0.0	0.3	29.8	0.0	2.7	0.0
06	76.5	53.7	65.1	2.1	1.9	1.7	311.2	257.3	183.1	84.0	27.1	14.5	8.3	14.3	30.2	81.2	0.0	1.2	29.9	0.0	0.0	0.0
07	80.3	57.4	68.8	2.8	2.2	2.3	429.4	367.6	276.9	142.8	51.0	28.3	0.1	0.3	2.6	23.6	0.0	2.0	31.0	0.0	0.0	0.0
08	79.4	56.1	67.8	2.5	2.3	2.2	395.4	333.9	244.9	117.6	36.2	18.8	0.2	0.8	4.7	32.4	0.0	1.1	31.0	0.0	0.0	0.0
09	73.0	49.5	61.2	2.8	2.7	2.3	212.1	167.4	109.7	43.0	11.4	5.4	24.7	40.0	72.4	155.6	0.0	0.4	30.0	0.0	0.5	0.0
10	60.6	39.4	50.0	2.8	2.5	2.4	45.6	30.8	15.6	4.2	0.8	0.3	200.6	247.8	325.6	469.2	0.0	0.0	25.7	0.0	7.1	0.0
11	48.0	30.6	39.3	5.0	3.0	3.8	3.1	1.3	0.4	0.0	0.0	0.0	474.1	532.3	621.4	771.0	0.0	0.0	12.5	2.9	19.0	0.0
12	37.2	23.2	30.2	4.7	4.4	4.4	0.3	0.2	0.1	0.0	0.0	0.0	769.1	830.9	923.8	1078.7	0.0	0.0	4.0	11.0	27.0	0.6
Summary	57.6	36.9	47.2	3.8	3.4	3.4	1563	1283	907	420	134	71	4342	4792	5511	6848	0.0	5.0	229.7	50.9	151.5	9.0

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	3.81	19.9	10.5	1.9	0.4	2.63	3.58	5.13
02	2.70	16.0	8.3	1.4	0.2	2.02	2.56	3.28
03	3.16	14.6	8.4	1.8	0.3	2.53	3.18	3.97
04	3.91	14.0	9.0	2.0	0.5	3.06	3.68	4.62
05	3.94	13.3	8.0	3.0	0.6	2.72	3.54	4.53
06	4.36	12.9	8.2	3.2	1.2	2.62	4.73	5.50
07	4.55	12.3	8.0	3.5	1.0	3.12	4.05	5.85
08	3.59	11.5	7.3	2.3	0.6	2.49	3.08	4.07
09	4.19	11.0	7.5	2.9	1.1	3.05	4.14	5.13
10	4.11	14.4	9.1	2.9	0.6	2.89	3.90	5.13
11	3.69	14.3	8.8	2.6	0.5	2.84	3.82	4.47
12	3.92	17.8	10.0	2.2	0.2	3.02	3.63	4.80
Summary	45.93	172.0	103.1	29.7	7.2	32.99	43.89	56.48

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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	29.8	13.8	9.1	3.5	1.1	0.2	23.8	18.2	13.8	3.9	21.0	27.5	34.6
02	19.3	10.7	6.8	2.1	0.8	0.1	21.1	16.3	12.2	4.2	12.5	20.3	24.1
03	15.3	6.5	4.0	1.5	0.7	0.1	13.4	8.1	5.5	1.8	7.0	16.1	23.0
04	2.7	1.5	1.0	0.2	0.0	0.0	1.5	0.4	0.2	0.0	0.2	1.8	3.2
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	0.4	0.4	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
11	9.3	3.8	2.4	1.1	0.6	0.1	5.3	3.1	2.2	0.4	1.4	5.2	17.8
12	21.6	9.9	6.1	2.8	0.9	0.1	15.5	10.3	6.5	1.3	13.1	18.4	28.0
Summary	98.4	46.6	29.6	11.2	4.1	0.6	80.9	56.4	40.4	11.6	55.2	89.3	130.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11.8	11.3	58.9	214.4	514.3	752.9	894.3	860.2	637.4	319.8	98.6	22.1
45	3.8	3.3	27.9	122.6	367.1	603.1	739.3	705.2	488.1	194.1	44.8	7.6
50	1.3	1.0	10.7	60.3	238.5	454.6	584.3	550.2	343.4	102.9	15.6	1.9
55	0.1	0.3	4.0	24.9	136.8	311.2	429.4	395.4	212.1	45.6	3.1	0.3
60	0.0	0.0	1.1	8.6	66.8	183.1	276.9	244.9	109.7	15.6	0.4	0.1
Growing Degree Units for Corn (Monthly)												
50/86	6.1	8.7	43.6	141.6	313.9	472.6	581.2	553.4	387.2	184.5	58.7	10.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	23	82	296	811	1564	2458	3318	3955	4275	4374	4396
45	4	7	35	158	525	1128	1867	2572	3060	3254	3299	3307
50	1	2	13	73	312	766	1351	1901	2244	2347	2363	2365
55	0	0	4	29	166	477	907	1302	1514	1560	1563	1563
60	0	0	1	10	76	260	536	781	891	907	907	907
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	15	58	200	514	986	1568	2121	2508	2693	2751	2762

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

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