

Summary of Monthly Normals 1991-2020

Generated on 12/07/2021

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	55.5	38.4	46.9	3.6	3.1	2.1	1.2	0.3	0.0	0.0	0.0	0.0	250.7	311.8	404.5	559.5	0.0	0.0	26.8	0.0	5.7	0.0
02	60.7	41.0	50.9	3.4	2.5	2.2	14.3	5.9	0.8	0.0	0.0	0.0	130.5	178.1	257.1	396.2	0.0	0.0	27.5	0.0	2.0	0.0
03	66.3	43.9	55.1	4.2	2.0	2.8	71.1	43.7	16.7	1.7	0.0	0.0	68.1	102.6	168.6	308.6	0.0	0.0	30.8	0.0	0.4	0.0
04	72.5	46.6	59.6	3.5	2.0	2.4	160.4	118.0	68.1	20.2	3.3	1.2	23.9	41.5	81.6	183.7	0.0	1.0	30.0	0.0	0.1	0.0
05	81.1	51.6	66.3	4.3	2.1	3.0	354.6	296.1	214.2	104.4	38.9	24.2	2.7	6.3	17.3	62.5	0.5	6.5	31.0	0.0	0.0	0.0
06	88.6	55.8	72.2	2.8	1.6	1.9	516.1	456.4	367.4	226.0	109.5	75.3	0.1	0.4	1.4	10.1	3.0	14.3	30.0	0.0	0.0	0.0
07	93.3	57.3	75.3	2.2	1.6	1.7	629.3	567.3	474.3	319.7	172.2	120.9	0.0	0.0	0.0	0.5	5.2	22.7	31.0	0.0	0.0	0.0
08	92.8	56.3	74.6	2.0	2.0	1.7	606.1	544.1	451.1	296.7	151.5	103.5	0.0	0.0	0.0	0.6	4.9	22.1	31.0	0.0	0.0	0.0
09	89.8	54.8	72.3	1.9	2.1	1.6	519.0	459.0	369.6	225.6	104.2	67.9	0.0	0.0	0.6	6.7	2.7	16.7	30.0	0.0	0.0	0.0
10	79.9	49.6	64.7	3.4	2.0	2.3	306.3	249.1	170.4	72.4	23.2	12.7	4.0	8.8	23.2	80.1	0.3	4.4	31.0	0.0	0.0	0.0
11	65.4	42.5	54.0	3.4	2.4	2.4	55.5	33.1	13.0	1.8	0.1	0.0	86.9	124.6	194.5	333.2	0.0	0.0	29.8	0.0	1.7	0.0
12	56.0	37.9	47.0	2.9	3.6	2.4	3.3	1.1	0.0	0.0	0.0	0.0	252.7	312.6	404.5	559.5	0.0	0.0	27.1	0.0	7.8	0.0
Summary	75.2	48.0	61.6	3.1	2.2	2.2	3237	2774	2146	1268	603	406	820	1087	1553	2501	16.6	87.7	356.0	0.0	17.7	0.0

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	4.02	12.3	6.9	2.8	1.1	1.63	2.70	5.53
02	3.90	10.4	6.7	2.8	1.0	1.00	3.33	6.19
03	2.70	8.8	5.5	2.0	0.5	1.26	1.81	3.96
04	1.15	5.0	2.8	0.8	0.2	0.63	0.85	1.46
05	0.73	3.3	1.6	0.4	0.1	0.08	0.61	0.88
06	0.25	1.3	0.7	0.1	0.0	0.00	0.03	0.26
07	0.01	0.1	0.0	0.0	0.0	0.00	0.00	0.00
08	0.04	0.1	0.1	0.0	0.0	0.00	0.00	0.00
09	0.09	0.8	0.3	0.0	0.0	0.00	0.00	0.07
10	0.75	3.0	1.5	0.5	0.1	0.04	0.42	1.11
11	1.78	6.9	3.8	1.2	0.1	0.91	1.67	2.46
12	3.74	11.2	6.9	2.2	0.9	1.50	2.61	6.53
Summary	19.16	63.2	36.8	12.8	4.0	7.05	14.03	28.45

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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	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
02	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
03	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	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
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	219.3	303.9	468.1	586.5	816.8	966.0	1094.3	1071.1	969.0	767.2	418.7	220.4
45	89.8	170.4	314.8	436.7	661.8	816.0	939.3	916.1	819.0	612.2	271.7	94.1
50	19.0	67.5	174.9	290.0	507.0	665.9	784.2	761.1	668.9	457.5	142.8	23.1
55	1.2	14.3	71.1	160.4	354.6	516.1	629.3	606.1	519.0	306.3	55.5	3.3
60	0.0	0.8	16.7	68.1	214.2	367.4	474.3	451.1	369.6	170.4	13.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	95.8	153.7	258.3	347.6	497.8	596.6	665.0	649.9	593.9	475.6	236.1	102.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	219	523	991	1578	2395	3361	4455	5526	6495	7262	7681	7901
45	90	260	575	1012	1674	2490	3429	4345	5164	5776	6048	6142
50	19	86	261	551	1058	1724	2508	3270	3938	4396	4539	4562
55	1	16	87	247	602	1118	1747	2353	2872	3178	3234	3237
60	0	1	18	86	300	667	1142	1593	1962	2133	2146	2146
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	96	250	508	855	1353	1950	2615	3265	3859	4334	4570	4673

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

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