

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	37.7	19.7	28.7	4.7	4.5	4.4	0.7	0.4	0.1	0.0	0.0	0.0	815.9	877.4	970.2	1125.0	0.0	0.0	7.6	8.7	26.4	2.2
02	43.3	23.3	33.3	5.7	5.0	5.2	2.8	1.6	0.6	0.0	0.0	0.0	610.3	665.1	748.1	887.5	0.0	0.0	10.0	4.7	21.9	0.8
03	54.9	32.5	43.7	5.1	4.5	4.5	31.1	21.9	11.7	2.7	0.3	0.1	381.4	434.2	517.0	663.0	0.0	0.0	21.4	0.7	15.0	0.1
04	66.9	42.7	54.8	3.5	2.9	3.1	115.0	87.3	53.9	18.9	4.1	1.8	121.0	153.4	210.0	325.0	0.0	0.3	28.4	0.0	4.1	0.0
05	75.2	53.2	64.2	3.1	3.5	3.2	302.0	250.3	180.1	89.9	30.7	17.6	16.8	27.1	50.0	114.7	0.0	1.1	30.9	0.0	0.1	0.0
06	83.4	62.1	72.8	2.3	2.2	2.0	532.6	472.8	384.0	242.6	122.3	84.4	0.1	0.4	1.6	10.3	0.1	9.3	30.0	0.0	0.0	0.0
07	86.8	66.0	76.4	3.2	2.5	2.7	663.3	601.3	508.3	354.1	208.9	157.0	0.0	0.0	0.0	0.8	1.0	15.1	31.0	0.0	0.0	0.0
08	85.1	64.0	74.5	2.6	2.8	2.5	605.9	543.9	451.2	299.6	163.6	118.6	0.0	0.0	0.3	3.7	0.5	11.3	31.0	0.0	0.0	0.0
09	78.5	55.7	67.1	3.4	3.1	2.9	369.7	314.4	236.7	127.5	53.1	33.7	6.7	11.5	23.7	64.6	0.1	4.3	30.0	0.0	0.0	0.0
10	67.3	44.4	55.9	3.3	2.3	2.5	129.2	98.3	61.0	22.1	4.9	2.3	102.9	134.0	189.7	305.8	0.0	0.3	29.9	0.0	2.8	0.0
11	53.7	33.4	43.5	5.7	3.8	4.4	22.7	14.8	6.7	1.2	0.1	0.0	366.2	418.2	500.2	644.7	0.0	0.0	20.6	0.7	13.2	0.0
12	41.4	24.4	32.9	4.7	4.7	4.5	2.1	1.1	0.2	0.0	0.0	0.0	687.1	748.1	840.1	994.9	0.0	0.0	9.7	5.7	23.3	0.4
Summary	64.5	43.4	54.0	3.9	3.5	3.5	2777	2408	1895	1159	588	416	3108	3469	4051	5140	1.7	41.7	280.5	20.5	106.8	3.5

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	2.35	7.7	4.6	1.4	0.7	1.23	2.07	2.96
02	2.21	7.4	4.0	1.4	0.4	1.25	1.98	2.67
03	3.20	9.4	5.9	1.9	0.7	2.63	3.02	3.90
04	4.40	10.1	6.6	2.6	1.1	2.98	3.85	5.28
05	5.00	11.6	7.8	3.1	1.2	2.79	5.44	6.17
06	4.17	8.5	6.2	2.4	0.9	2.40	3.66	5.47
07	4.24	7.3	5.3	2.6	1.3	2.47	3.84	5.94
08	3.16	6.4	4.1	2.1	1.1	1.65	2.65	4.45
09	3.49	6.9	5.2	2.1	0.8	1.94	2.91	4.19
10	3.28	7.5	5.2	2.1	0.6	1.83	2.51	3.94
11	3.28	7.2	5.2	2.0	0.8	2.17	3.02	4.51
12	2.47	7.4	4.5	1.4	0.4	1.50	2.09	2.90
Summary	41.25	97.4	64.6	25.1	10.0	24.84	37.04	52.38

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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	5.10	3.2	1.7	0.7	0.1	0.0					3.00	4.50	6.50
02	4.50	3.1	1.3	0.5	0.2	0.0					1.10	2.30	6.10
03	2.40	1.4	0.8	0.3	0.1	0.0					0.10	0.50	3.00
04	0.20	0.2	0.1	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.70	0.6	0.4	0.1	0.0	0.0					0.00	0.00	0.60
12	3.40	2.2	1.0	0.4	0.1	0.0					0.00	2.00	7.00
Summary	16.3	10.7	5.3	2.0	0.5	0.0	0.0	0.0	0.0	0.0	4.2	9.3	23.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25.4	54.8	199.1	452.8	750.2	982.3	1128.2	1070.8	812.9	495.5	186.5	45.1
45	9.5	24.7	117.4	319.6	595.4	832.4	973.3	915.9	663.1	352.0	107.1	19.1
50	3.2	8.9	64.4	204.0	443.5	682.4	818.3	760.9	514.6	227.0	53.9	6.7
55	0.7	2.8	31.1	115.0	302.0	532.6	663.3	605.9	369.7	129.2	22.7	2.1
60	0.1	0.6	11.7	53.9	180.1	384.0	508.3	451.2	236.7	61.0	6.7	0.2
Growing Degree Units for Corn (Monthly)												
50/86	18.0	41.5	131.3	280.2	472.8	665.2	776.2	730.7	525.0	299.1	111.7	26.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25	80	279	732	1482	2465	3593	4664	5476	5972	6158	6204
45	10	34	152	471	1067	1899	2872	3788	4451	4803	4910	4930
50	3	12	76	280	724	1406	2225	2986	3500	3727	3781	3788
55	1	4	35	150	452	984	1648	2253	2623	2752	2775	2777
60	0	1	12	66	246	630	1139	1590	1827	1888	1894	1895
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	60	191	471	944	1609	2385	3116	3641	3940	4052	4078

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

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