

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	48.9	28.6	38.7	3.7	4.1	3.7	3.5	1.7	0.4	0.0	0.0	0.0	507.0	567.2	659.1	813.7	0.0	0.0	13.9	2.7	21.6	0.1
02	52.9	31.2	42.1	4.3	3.6	3.7	6.8	4.2	1.7	0.1	0.0	0.0	369.4	422.7	504.3	642.6	0.0	0.0	17.0	1.1	17.5	0.0
03	59.8	37.0	48.4	4.2	3.4	3.7	35.9	22.5	9.7	0.8	0.0	0.0	240.4	289.1	369.2	515.4	0.0	0.0	24.6	0.3	11.1	0.0
04	69.4	44.6	57.0	2.6	2.5	2.4	126.8	93.5	53.4	13.5	1.0	0.2	66.8	93.5	143.4	253.5	0.0	0.0	29.2	0.0	2.3	0.0
05	76.3	53.2	64.8	2.6	3.0	2.6	310.4	255.2	179.0	76.4	16.9	6.6	8.1	14.9	31.7	84.2	0.0	0.3	30.9	0.0	0.1	0.0
06	82.5	61.1	71.8	2.8	1.5	1.8	504.0	444.3	355.4	212.5	88.5	50.9	0.1	0.4	1.5	8.5	0.0	1.5	30.0	0.0	0.0	0.0
07	85.3	64.9	75.1	2.3	1.6	1.8	623.0	561.0	468.0	313.3	163.5	109.1	0.0	0.0	0.0	0.2	0.0	4.1	31.0	0.0	0.0	0.0
08	84.0	64.0	74.0	2.3	1.8	1.6	588.9	526.9	433.9	279.4	133.3	84.1	0.0	0.0	0.0	0.4	0.0	2.5	31.0	0.0	0.0	0.0
09	78.7	57.9	68.3	2.9	2.5	2.3	400.4	342.1	257.5	132.9	42.8	21.9	1.5	3.3	8.6	33.9	0.0	0.7	30.0	0.0	0.0	0.0
10	69.6	46.2	57.9	2.2	3.1	2.2	146.5	108.5	62.5	19.2	4.1	2.1	56.6	80.6	127.5	239.3	0.0	0.1	30.5	0.0	2.4	0.0
11	59.5	36.1	47.8	3.9	3.0	3.1	27.0	17.1	7.5	1.0	0.0	0.0	242.9	293.0	373.4	517.0	0.0	0.0	24.9	0.0	13.3	0.0
12	51.5	31.3	41.4	4.6	3.7	4.0	7.7	4.2	1.6	0.2	0.0	0.0	429.2	487.7	578.2	731.8	0.0	0.0	16.8	1.0	19.2	0.0
Summary	68.2	46.3	57.3	3.2	2.8	2.7	2781	2381	1831	1049	450	275	1922	2252	2797	3840	0.0	9.2	309.8	5.1	87.5	0.1

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	4.13	10.5	6.2	2.8	1.2	2.74	3.61	5.19
02	3.46	9.8	6.6	2.3	0.9	2.39	3.00	4.40
03	3.80	11.9	7.5	2.4	0.8	2.75	3.61	4.35
04	4.17	10.6	6.8	2.9	1.0	2.59	4.16	5.22
05	4.13	11.5	7.3	2.6	0.9	1.94	3.09	5.82
06	4.79	13.4	8.3	3.3	1.2	2.73	4.78	6.43
07	4.67	13.9	8.6	3.6	0.9	2.90	3.94	5.36
08	5.04	13.1	8.4	3.2	1.4	3.38	4.21	6.68
09	4.13	9.2	6.1	2.8	1.1	2.01	3.75	5.31
10	3.37	7.8	4.4	2.2	1.0	1.35	2.98	4.24
11	3.72	8.8	5.8	2.4	1.3	2.61	3.66	4.50
12	4.18	10.0	6.5	2.9	1.2	2.55	3.65	4.71
Summary	49.59	130.5	82.5	33.4	12.9	29.94	44.44	62.21

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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	3.6	1.6	0.9	0.4	0.2	0.1	2.2	1.2	0.8	0.2	0.0	1.5	4.1
02	1.9	1.5	0.7	0.2	0.1	0.0	1.2	0.5	0.2	0.0	0.0	0.5	3.1
03	1.9	1.0	0.4	0.2	0.1	0.0	0.6	0.3	0.3	0.2	0.0	0.2	1.9
04	0.2	0.2	0.1	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	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	2.5	1.1	0.6	0.3	0.2	0.0	1.7	1.0	0.6	0.1	0.0	0.0	4.0
Summary	10.3	5.6	2.8	1.1	0.6	0.1	5.8	3.0	1.9	0.5	0.0	2.2	13.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	96.2	127.5	286.1	511.2	767.2	953.9	1088.0	1053.9	848.9	555.8	254.9	129.3
45	42.0	60.3	172.3	366.8	612.4	803.9	933.0	898.9	698.9	404.7	145.7	61.7
50	13.6	22.1	88.4	234.7	458.5	653.9	778.0	743.9	549.0	264.2	69.7	24.9
55	3.5	6.8	35.9	126.8	310.4	504.0	623.0	588.9	400.4	146.5	27.0	7.7
60	0.4	1.7	9.7	53.4	179.0	355.4	468.0	433.9	257.5	62.5	7.5	1.6
Growing Degree Units for Corn (Monthly)												
50/86	59.6	85.6	175.7	310.4	482.6	643.1	755.1	727.5	554.2	337.4	162.9	78.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	96	224	510	1021	1788	2742	3830	4884	5733	6289	6544	6673
45	42	102	275	641	1254	2058	2991	3890	4588	4993	5139	5201
50	14	36	124	359	817	1471	2249	2993	3542	3806	3876	3901
55	4	10	46	173	483	987	1610	2199	2600	2746	2773	2781
60	0	2	12	65	244	600	1068	1502	1759	1822	1829	1831
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	60	145	321	631	1114	1757	2512	3240	3794	4131	4294	4372

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

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