

Summary of Monthly Normals
1991-2020
 Generated on 10/27/2022

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	23.4	5.8	14.6	4.9	6.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1252.1	1314.2	1407.2	1562.3	0.0	0.0	0.1	23.2	30.6	11.4
02	28.4	9.1	18.8	6.0	6.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1014.8	1070.9	1154.9	1295.0	0.0	0.0	0.6	17.6	27.1	7.8
03	41.3	21.2	31.2	5.8	5.4	5.5	4.7	3.2	1.7	0.4	0.0	0.0	741.0	801.5	892.9	1046.7	0.0	0.0	6.9	7.1	25.5	1.8
04	56.5	33.2	44.8	4.7	3.5	3.9	24.6	16.6	8.7	2.2	0.4	0.2	329.2	381.2	463.2	606.7	0.0	0.1	20.5	0.8	14.1	0.0
05	69.6	45.1	57.4	3.5	3.0	3.0	147.3	113.0	71.8	28.3	8.8	4.8	74.5	102.2	154.0	265.5	0.0	0.7	30.0	0.0	2.2	0.0
06	78.7	55.5	67.1	2.7	2.4	2.3	366.7	310.9	231.7	119.7	44.9	27.5	3.8	8.0	18.7	56.7	0.0	2.3	30.0	0.0	0.0	0.0
07	82.8	59.8	71.3	3.2	2.6	2.8	505.4	443.5	351.6	206.9	92.5	60.4	0.2	0.3	1.4	11.6	0.1	4.2	31.0	0.0	0.0	0.0
08	80.4	57.7	69.1	2.7	2.3	2.3	435.8	374.7	285.5	152.6	59.0	35.2	0.4	1.2	5.0	27.1	0.0	2.0	31.0	0.0	0.0	0.0
09	72.3	49.3	60.8	3.3	3.2	3.0	213.8	170.8	116.7	53.0	18.0	10.4	40.0	56.9	92.8	179.0	0.0	0.9	29.8	0.0	0.9	0.0
10	58.0	36.9	47.5	3.7	2.7	2.9	35.7	24.0	12.6	3.8	1.0	0.6	269.8	320.0	401.6	547.9	0.0	0.0	23.9	0.1	9.6	0.0
11	42.0	24.7	33.4	6.3	4.5	5.3	2.0	1.2	0.6	0.0	0.0	0.0	651.5	710.7	800.1	949.6	0.0	0.0	7.9	6.4	23.4	0.4
12	28.7	12.6	20.6	5.2	5.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1064.7	1126.7	1219.7	1374.8	0.0	0.0	0.7	18.2	29.5	6.0
Summary	55.2	34.2	44.7	4.3	4.1	4.0	1736	1458	1081	567	225	139	5442	5894	6612	7923	0.1	10.2	212.4	73.4	162.9	27.4

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	1.03	10.7	3.1	0.2	0.0	0.57	0.95	1.44
02	1.10	8.2	3.0	0.5	0.0	0.56	0.97	1.42
03	1.97	9.6	4.8	1.1	0.3	0.93	1.80	2.60
04	3.08	11.8	6.8	2.1	0.7	2.06	2.84	4.00
05	3.91	13.3	8.0	2.8	0.9	2.67	3.91	4.59
06	4.83	12.3	8.7	3.3	1.0	3.61	4.30	6.18
07	3.61	11.3	6.7	2.4	0.8	2.38	3.57	4.25
08	4.18	10.4	7.0	2.8	1.2	2.43	4.11	5.69
09	3.65	10.9	6.6	1.9	1.0	1.88	3.19	4.98
10	2.49	10.1	5.3	1.8	0.3	1.28	2.13	3.62
11	1.79	8.9	4.3	1.0	0.2	1.08	1.70	2.24
12	1.35	10.1	4.0	0.6	0.1	0.74	1.37	1.85
Summary	32.99	127.6	68.3	20.5	6.5	20.19	30.84	42.86

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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	13.50	10.9	3.9	1.3	0.6	0.0	26.8	23.2	16.6	6.6	5.40	10.30	17.40
02	11.20	8.3	3.0	1.3	0.5	0.1	25.8	22.8	17.6	8.0	6.50	8.40	11.80
03	9.60	5.8	2.5	1.0	0.4	0.1	17.6	12.6	8.7	4.0	4.70	10.20	13.70
04	4.30	2.9	1.3	0.4	0.2	0.0	3.1	1.8	0.8	0.0	0.80	2.30	6.00
05	0.40	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.70	0.7	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.70
11	4.70	4.7	1.7	0.4	0.1	0.0	5.2	3.2	2.0	0.0	1.20	2.40	8.00
12	11.00	9.0	3.5	0.7	0.3	0.1	20.6	14.9	8.1	2.5	5.30	7.30	17.60
Summary	55.4	42.4	16.1	5.2	2.1	0.3	99.4	78.7	53.9	21.1	23.9	40.9	75.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.0	2.1	46.0	204.7	538.9	812.8	970.1	900.4	624.1	262.7	50.3	3.0
45	0.0	0.5	22.1	116.2	389.8	662.8	815.1	745.4	476.5	156.0	21.0	0.9
50	0.0	0.1	10.6	57.0	255.2	513.1	660.1	590.4	337.0	81.8	7.1	0.2
55	0.0	0.0	4.7	24.6	147.3	366.7	505.4	435.8	213.8	35.7	2.0	0.0
60	0.0	0.0	1.7	8.7	71.8	231.7	351.6	285.5	116.7	12.6	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.5	32.3	138.1	328.9	518.1	642.6	587.4	382.9	154.2	31.7	1.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	2	48	253	792	1604	2575	3475	4099	4362	4412	4415
45	0	0	23	139	529	1191	2006	2752	3228	3384	3405	3406
50	0	0	11	68	323	836	1496	2086	2424	2505	2512	2513
55	0	0	5	29	177	543	1049	1484	1698	1734	1736	1736
60	0	0	2	10	82	314	666	951	1068	1080	1081	1081
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	34	172	501	1019	1662	2249	2632	2786	2818	2819

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

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