

Summary of Monthly Normals 1991-2020

Generated on 11/28/2021

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	39.6	21.0	30.3	3.9	4.0	3.7	1.5	0.9	0.4	0.1	0.0	0.0	767.0	828.4	920.9	1075.5	0.0	0.0	7.3	9.7	26.9	1.4
02	45.1	24.7	34.9	5.4	5.0	5.1	4.5	2.6	1.0	0.2	0.0	0.0	567.3	621.4	703.8	842.9	0.0	0.0	10.3	5.8	22.3	0.4
03	55.5	33.7	44.6	4.9	4.4	4.5	35.8	25.9	14.4	3.8	0.3	0.1	358.2	410.3	491.8	636.2	0.0	0.0	19.9	1.4	15.1	0.1
04	66.6	43.8	55.2	3.4	3.1	3.1	121.3	92.8	58.7	22.1	4.9	2.1	115.3	146.8	202.7	316.2	0.0	0.1	27.9	0.0	2.8	0.0
05	75.2	54.6	64.9	3.2	3.2	3.1	321.5	268.8	196.9	101.9	38.8	22.5	14.6	23.9	45.0	105.0	0.0	0.7	30.9	0.0	0.0	0.0
06	83.9	64.3	74.1	2.6	2.1	2.2	573.1	513.4	424.4	280.8	153.1	109.6	0.1	0.5	1.5	8.0	0.1	6.4	30.0	0.0	0.0	0.0
07	88.0	68.6	78.3	3.1	2.4	2.6	722.2	660.2	567.2	412.5	262.4	205.8	0.0	0.0	0.0	0.4	1.1	13.2	31.0	0.0	0.0	0.0
08	87.2	66.6	76.9	3.3	2.8	2.9	678.8	616.8	523.8	370.0	224.9	173.0	0.0	0.0	0.0	1.3	1.1	12.2	31.0	0.0	0.0	0.0
09	79.9	58.1	69.0	3.3	3.1	3.0	425.2	368.8	287.6	168.6	80.4	54.1	5.2	8.9	17.7	48.7	0.0	3.8	30.0	0.0	0.0	0.0
10	68.5	45.8	57.2	3.1	2.4	2.6	154.1	120.0	78.1	31.3	8.8	4.5	87.5	115.4	166.4	274.7	0.0	0.3	29.6	0.0	1.9	0.0
11	55.1	34.8	45.0	5.4	3.8	4.4	28.4	19.6	10.2	2.6	0.3	0.1	329.9	381.1	461.7	604.1	0.0	0.0	19.5	0.9	12.7	0.0
12	44.0	25.7	34.9	4.3	4.0	4.0	3.5	2.0	0.7	0.1	0.0	0.0	628.0	688.5	780.3	934.6	0.0	0.0	10.2	6.2	24.5	0.1
Summary	65.7	45.1	55.4	3.8	3.4	3.4	3070	2692	2163	1394	774	572	2873	3225	3792	4848	2.3	36.7	277.6	24.0	106.2	2.0

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	2.21	7.9	4.5	1.4	0.5	0.98	1.96	3.04
02	2.30	7.5	4.1	1.3	0.6	1.07	2.26	3.23
03	3.24	11.0	6.4	2.3	0.7	1.85	3.06	4.39
04	4.78	11.5	8.0	3.3	1.3	3.37	4.41	5.54
05	5.17	12.2	8.4	3.5	1.3	3.18	5.11	6.97
06	4.20	9.7	7.1	2.7	1.2	2.21	4.11	5.41
07	4.35	8.5	5.8	2.7	1.4	1.58	3.94	5.68
08	4.13	8.1	5.3	2.6	1.3	2.13	3.20	4.88
09	4.24	7.8	5.4	2.7	1.2	2.01	3.36	5.09
10	3.44	9.4	5.9	2.2	0.9	1.61	2.87	3.32
11	3.24	8.5	5.8	2.2	0.8	1.37	2.64	4.18
12	2.30	8.1	4.3	1.5	0.6	1.01	1.79	3.35
Summary	43.60	110.2	71.0	28.4	11.8	22.37	38.71	55.08

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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	2.9	1.9	1.7	0.6	0.2	0.0					0.7	1.1	2.2
02	2.9	1.1	0.8	0.3	0.1	0.0					0.0	1.0	3.1
03	0.4	0.4	0.3	0.1	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
05	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
07	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
09	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
11	0.2	0.3	0.2	0.0	0.0	0.0					0.0	0.0	0.0
12	2.5	1.4	0.6	0.3	0.1	0.0					0.0	0.8	1.5
Summary	8.9	5.1	3.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.7	2.9	6.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	36.6	70.1	218.5	463.2	771.9	1022.8	1187.1	1143.7	869.9	535.2	216.1	60.8
45	14.7	34.3	131.1	328.7	617.2	872.8	1032.1	988.7	720.0	388.9	125.9	26.9
50	4.8	14.3	71.7	212.0	464.5	722.9	877.2	833.7	571.0	259.8	64.3	10.6
55	1.5	4.5	35.8	121.3	321.5	573.1	722.2	678.8	425.2	154.1	28.4	3.5
60	0.4	1.0	14.4	58.7	196.9	424.4	567.2	523.8	287.6	78.1	10.2	0.7
Growing Degree Units for Corn (Monthly)												
50/86	28.4	53.0	140.1	276.4	481.1	698.6	821.1	780.6	567.2	320.4	127.7	41.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	37	107	325	788	1560	2583	3770	4914	5784	6319	6535	6596
45	15	49	180	509	1126	1999	3031	4020	4740	5128	5254	5281
50	5	19	91	303	767	1490	2367	3201	3772	4032	4096	4107
55	2	6	42	163	485	1058	1780	2459	2884	3038	3066	3070
60	0	1	16	74	271	696	1263	1787	2074	2152	2163	2163
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	81	222	498	979	1678	2499	3279	3846	4167	4295	4336

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

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