

Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

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	37.1	22.0	29.6	5.0	5.2	5.0	1.6	0.7	0.2	0.0	0.0	0.0	790.3	851.5	943.9	1098.6	0.0	0.0	5.3	11.2	24.9	1.4
02	40.8	24.2	32.5	5.5	5.3	5.4	2.5	1.6	0.6	0.1	0.0	0.0	632.4	687.5	770.5	910.0	0.0	0.0	6.7	7.4	22.1	0.8
03	51.1	32.0	41.6	4.6	4.0	4.2	20.4	13.7	6.8	1.6	0.3	0.1	437.3	492.6	578.7	728.5	0.0	0.0	15.8	1.6	16.7	0.0
04	64.1	42.2	53.2	3.1	2.6	2.8	90.3	66.2	38.2	11.9	2.0	0.6	145.8	181.7	243.7	367.4	0.0	0.0	27.0	0.0	4.2	0.0
05	74.1	52.4	63.3	3.9	3.9	3.8	276.8	228.2	164.9	83.7	31.3	17.8	21.1	34.4	64.2	138.0	0.0	0.7	30.9	0.0	0.2	0.0
06	82.2	61.6	71.9	2.3	1.8	1.9	507.4	448.2	360.5	222.9	108.8	74.0	0.5	1.2	3.7	16.1	0.0	4.5	30.0	0.0	0.0	0.0
07	85.4	65.4	75.4	3.0	2.1	2.5	632.3	570.3	477.3	322.8	178.2	128.1	0.0	0.0	0.0	0.5	0.1	7.5	31.0	0.0	0.0	0.0
08	84.1	63.9	74.0	2.4	2.3	2.2	588.9	526.9	434.1	281.7	143.7	99.2	0.0	0.0	0.2	2.8	0.0	5.5	31.0	0.0	0.0	0.0
09	77.8	56.5	67.2	3.2	2.7	2.7	370.0	314.2	235.5	125.0	50.5	31.7	5.5	9.8	21.1	60.6	0.0	2.3	30.0	0.0	0.0	0.0
10	65.5	44.8	55.2	2.5	2.4	2.3	111.5	83.8	51.1	17.7	5.1	3.0	106.9	141.1	201.5	323.1	0.0	0.2	29.2	0.0	1.6	0.0
11	52.3	35.0	43.6	4.7	3.0	3.7	16.2	9.6	3.4	0.3	0.0	0.0	356.7	410.1	493.8	640.7	0.0	0.0	17.9	0.8	12.0	0.0
12	41.5	27.4	34.5	4.6	4.2	4.3	2.5	1.5	0.5	0.1	0.0	0.0	639.5	700.4	792.4	947.1	0.0	0.0	7.6	6.6	21.5	0.1
Summary	63.0	43.9	53.5	3.7	3.3	3.4	2620	2265	1773	1068	520	354	3136	3510	4114	5233	0.1	20.7	262.4	27.6	103.2	2.3

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	3.00	14.7	6.5	1.7	0.5	2.03	2.70	3.78
02	2.41	11.8	6.1	1.6	0.2	1.71	2.10	2.74
03	3.62	12.5	7.5	2.2	0.7	2.62	3.43	4.20
04	3.85	13.7	8.1	2.7	0.5	2.66	3.81	4.33
05	3.99	14.0	8.6	2.5	0.8	2.54	3.69	5.54
06	4.33	11.7	7.6	3.1	1.1	2.79	4.06	5.34
07	4.67	10.9	7.4	3.3	1.1	2.96	4.39	5.91
08	3.74	9.5	6.4	2.8	0.9	2.28	3.36	4.59
09	3.14	8.7	5.5	2.2	0.9	1.70	2.56	4.27
10	2.90	10.0	5.8	1.7	0.7	1.62	2.74	3.66
11	2.79	10.5	6.0	2.0	0.5	2.03	2.69	3.61
12	3.13	12.7	6.4	2.1	0.5	2.23	3.06	3.61
Summary	41.57	140.7	81.9	27.9	8.4	27.17	38.59	51.58

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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	9.5	9.0	2.8	1.0	0.2	0.0	10.7	5.6	2.6	0.4	4.8	9.5	13.2
02	7.6	6.7	2.6	0.5	0.2	0.0	7.5	3.7	1.9	0.3	2.6	5.4	10.4
03	4.1	4.0	1.0	0.3	0.1	0.0	2.5	0.8	0.3	0.1	1.6	2.4	4.8
04	0.5	1.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3
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	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.2	1.9	0.4	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.8	2.1
12	5.1	5.6	1.7	0.3	0.1	0.0	5.1	1.7	0.2	0.0	1.7	4.4	8.0
Summary	28.2	28.3	8.8	2.2	0.6	0.0	26.5	11.9	5.0	0.8	10.7	22.5	38.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	35.2	44.2	157.4	405.4	720.8	956.9	1097.3	1053.9	814.4	472.2	178.9	55.8
45	15.4	19.5	90.0	277.3	566.2	806.9	942.3	898.9	664.5	327.9	97.1	24.4
50	5.8	7.2	46.4	170.1	415.6	656.9	787.3	743.9	515.2	203.9	45.4	9.0
55	1.6	2.5	20.4	90.3	276.8	507.4	632.3	588.9	370.0	111.5	16.2	2.5
60	0.2	0.6	6.8	38.2	164.9	360.5	477.3	434.1	235.5	51.1	3.4	0.5
Growing Degree Units for Corn (Monthly)												
50/86	15.6	25.2	92.9	237.4	444.9	642.0	757.2	722.3	520.0	267.9	91.7	24.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	35	79	237	642	1363	2320	3417	4471	5286	5758	5937	5992
45	15	35	125	402	968	1775	2718	3617	4281	4609	4706	4730
50	6	13	59	230	645	1302	2089	2833	3348	3552	3598	3607
55	2	4	24	115	392	899	1531	2120	2490	2602	2618	2620
60	0	1	8	46	211	571	1048	1483	1718	1769	1773	1773
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	41	134	371	816	1458	2215	2938	3458	3725	3817	3842

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

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