

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	61.4	40.0	50.7	3.6	3.8	3.5	62.5	44.4	25.0	6.8	0.9	0.2	195.5	239.5	313.2	450.0	0.0	0.0	26.7	0.1	8.6	0.0
02	65.1	42.9	54.0	4.1	3.8	3.8	85.4	62.9	37.2	11.6	2.0	0.8	113.4	146.9	205.2	319.5	0.0	0.0	26.5	0.0	4.2	0.0
03	71.4	48.6	60.0	3.6	3.7	3.5	202.8	160.1	105.4	41.4	9.4	3.9	47.8	67.1	105.4	196.4	0.0	0.1	30.5	0.0	1.5	0.0
04	78.2	55.2	66.7	2.5	2.9	2.6	356.1	300.3	222.0	114.1	42.7	24.5	5.0	9.3	21.0	63.0	0.0	1.1	30.0	0.0	0.1	0.0
05	84.7	63.4	74.1	2.2	2.5	2.2	590.7	528.9	436.6	287.2	153.2	107.7	0.2	0.4	1.1	6.7	0.1	7.1	31.0	0.0	0.0	0.0
06	89.6	70.7	80.1	2.7	1.4	1.9	754.4	694.5	604.5	454.6	305.6	247.0	0.0	0.0	0.0	0.2	0.4	16.5	30.0	0.0	0.0	0.0
07	92.3	73.7	83.0	1.9	1.1	1.3	867.9	805.9	712.9	557.9	403.0	341.0	0.0	0.0	0.0	0.0	0.9	24.6	31.0	0.0	0.0	0.0
08	90.8	73.3	82.1	1.8	1.3	1.5	838.5	776.5	683.5	528.5	373.6	311.6	0.0	0.0	0.0	0.0	0.4	20.6	31.0	0.0	0.0	0.0
09	86.4	69.0	77.7	2.2	1.6	1.7	680.9	620.9	531.0	381.8	237.5	183.4	0.0	0.0	0.1	0.9	0.0	9.6	30.0	0.0	0.0	0.0
10	79.0	58.6	68.8	2.3	3.3	2.5	432.1	373.5	289.1	163.8	70.5	44.5	4.4	7.7	16.3	46.1	0.0	0.9	31.0	0.0	0.0	0.0
11	70.2	48.0	59.1	3.0	3.4	3.0	175.7	137.8	90.1	36.2	9.8	4.7	52.6	74.8	117.0	213.1	0.0	0.0	29.9	0.0	1.4	0.0
12	63.7	42.6	53.2	4.2	4.6	4.3	90.3	67.6	40.2	12.1	2.0	0.9	147.6	186.9	252.5	379.4	0.0	0.0	28.8	0.0	5.7	0.0
Summary	77.7	57.2	67.5	2.8	2.8	2.6	5137	4573	3777	2596	1610	1270	566	733	1032	1675	1.8	80.5	356.4	0.1	21.5	0.0

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	3.28	8.5	5.6	2.3	0.8	1.78	2.63	4.56
02	2.80	7.8	4.7	2.0	0.8	1.59	2.29	3.33
03	3.50	7.9	5.0	2.1	1.2	1.58	3.86	4.90
04	3.39	6.7	4.2	2.1	1.0	1.74	2.70	4.51
05	3.62	7.3	5.3	2.5	1.1	1.35	2.77	5.46
06	6.65	12.3	8.5	3.7	2.0	4.82	6.11	8.17
07	5.75	12.4	8.5	4.3	1.8	3.74	5.30	6.84
08	5.46	12.8	8.4	3.7	1.5	3.58	4.47	6.93
09	4.35	9.9	6.5	2.7	1.3	2.84	4.72	5.59
10	3.72	6.8	4.2	1.9	1.0	1.58	2.68	4.12
11	2.39	6.8	4.1	1.7	0.7	0.76	1.90	3.67
12	3.21	8.4	5.4	1.9	0.8	1.73	2.36	3.95
Summary	48.12	107.6	70.4	30.9	14.0	27.09	41.79	62.03

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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	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
02	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	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
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	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
Summary	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	349.0	396.0	620.8	801.0	1055.5	1204.5	1333.0	1303.5	1131.0	892.8	573.3	415.2
45	225.2	268.6	469.1	651.1	900.5	1054.5	1177.9	1148.5	980.9	737.8	426.7	279.9
50	127.2	162.2	326.1	501.9	745.5	904.4	1022.9	993.5	830.9	583.5	290.0	168.5
55	62.5	85.4	202.8	356.1	590.7	754.4	867.9	838.5	680.9	432.1	175.7	90.3
60	25.0	37.2	105.4	222.0	436.6	604.5	712.9	683.5	531.0	289.1	90.1	40.2
Growing Degree Units for Corn (Monthly)												
50/86	203.1	232.5	380.0	516.4	720.4	838.6	923.7	914.5	796.5	592.7	350.0	240.5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	349	745	1366	2167	3222	4427	5760	7063	8194	9087	9660	10076
45	225	494	963	1614	2514	3569	4747	5895	6876	7614	8041	8321
50	127	289	616	1117	1863	2767	3790	4784	5615	6198	6488	6657
55	62	148	351	707	1298	2052	2920	3758	4439	4871	5047	5137
60	25	62	168	390	826	1431	2144	2827	3358	3647	3737	3777
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	203	436	816	1332	2052	2891	3815	4729	5526	6118	6468	6709

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

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