

Summary of Monthly Normals
1991-2020
 Generated on 10/17/2021

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	59.5	37.3	48.4	3.7	4.3	3.7	47.2	32.8	17.0	3.4	0.3	0.1	251.6	299.2	376.4	517.8	0.0	0.0	26.3	0.1	12.7	0.0
02	63.8	40.5	52.2	4.1	4.1	3.9	63.6	45.0	24.4	6.5	0.9	0.4	143.4	180.8	244.2	366.3	0.0	0.0	26.0	0.0	7.8	0.0
03	70.8	46.2	58.5	3.9	4.6	4.1	172.1	133.6	85.0	30.6	5.1	1.6	63.6	87.1	131.6	232.2	0.0	0.1	30.4	0.0	2.7	0.0
04	77.6	52.8	65.2	2.7	3.5	2.9	316.1	262.8	188.6	89.4	27.5	14.2	10.1	16.7	32.6	83.3	0.0	0.7	30.0	0.0	0.2	0.0
05	84.8	61.5	73.1	2.0	2.6	1.9	562.8	501.0	409.1	262.6	133.1	90.2	0.2	0.4	1.5	10.0	0.0	8.5	31.0	0.0	0.0	0.0
06	89.3	69.3	79.3	2.7	1.2	1.7	729.0	668.9	578.9	429.0	280.0	221.6	0.0	0.0	0.0	0.1	0.9	18.3	30.0	0.0	0.0	0.0
07	91.6	72.2	81.9	1.7	1.0	1.1	833.9	771.8	678.8	523.8	368.9	306.9	0.0	0.0	0.0	0.0	0.6	24.8	31.0	0.0	0.0	0.0
08	90.6	71.7	81.1	2.2	1.2	1.5	810.6	748.6	655.6	500.6	345.7	283.7	0.0	0.0	0.0	0.0	0.6	22.0	31.0	0.0	0.0	0.0
09	86.8	67.0	76.9	2.4	1.9	1.8	656.9	596.9	506.9	358.2	216.4	163.7	0.0	0.0	0.1	1.3	0.1	12.8	30.0	0.0	0.0	0.0
10	78.7	56.1	67.4	2.1	3.7	2.5	392.6	335.6	254.5	137.9	55.4	33.9	8.2	13.2	25.1	63.5	0.0	0.9	31.0	0.0	0.1	0.0
11	69.3	44.9	57.1	3.4	3.8	3.2	137.7	105.6	66.6	25.2	5.7	2.4	74.6	102.4	153.4	262.1	0.0	0.0	29.8	0.0	3.4	0.0
12	62.3	40.1	51.2	4.0	4.5	4.1	70.3	51.1	28.9	7.3	1.0	0.3	188.1	230.9	301.6	435.1	0.0	0.0	28.3	0.0	9.3	0.0
Summary	77.1	55.0	66.0	2.9	3.0	2.7	4793	4254	3494	2374	1440	1119	740	931	1266	1972	2.2	88.1	354.8	0.1	36.2	0.0

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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	4.78	9.6	6.7	3.3	1.7	3.20	4.12	5.83
02	4.72	9.0	6.0	3.1	1.9	3.08	3.93	5.56
03	4.88	8.4	6.1	3.1	1.8	2.69	4.43	7.98
04	3.92	7.0	5.1	2.3	1.4	2.41	3.13	5.05
05	3.03	6.2	4.6	1.9	1.0	1.03	2.53	4.68
06	5.24	11.7	8.5	3.5	1.4	3.43	4.93	6.68
07	5.50	11.8	8.7	3.8	1.6	4.09	5.06	6.69
08	5.69	12.2	8.6	3.9	1.7	3.49	5.01	7.27
09	4.03	7.6	5.3	2.4	1.2	1.96	3.20	4.42
10	3.04	6.1	3.8	1.7	0.6	1.11	2.36	3.84
11	3.04	6.6	4.8	2.2	0.9	1.88	2.65	3.93
12	4.68	9.1	6.1	3.2	1.7	2.86	4.16	6.35
Summary	52.55	105.3	74.3	34.4	16.9	31.23	45.51	68.28

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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	0.0	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	0.0	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	289.0	346.8	575.3	756.1	1027.6	1179.0	1298.9	1275.6	1106.9	849.5	514.3	359.7
45	177.6	226.1	425.6	606.3	872.6	1028.9	1143.8	1120.6	956.9	694.8	370.2	231.7
50	98.3	130.2	287.6	458.4	717.6	878.9	988.8	965.6	806.9	541.2	240.2	135.2
55	47.2	63.6	172.1	316.1	562.8	729.0	833.9	810.6	656.9	392.6	137.7	70.3
60	17.0	24.4	85.0	188.6	409.1	578.9	678.8	655.6	506.9	254.5	66.6	28.9
Growing Degree Units for Corn (Monthly)												
50/86	175.6	212.6	360.2	487.4	695.5	816.6	899.4	888.6	767.6	559.9	323.6	216.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	289	636	1211	1967	2995	4174	5473	6748	7855	8705	9219	9579
45	178	404	829	1436	2308	3337	4481	5602	6558	7253	7623	7855
50	98	228	516	974	1692	2571	3560	4525	5332	5874	6114	6249
55	47	111	283	599	1162	1891	2725	3535	4192	4585	4722	4793
60	17	41	126	315	724	1303	1982	2637	3144	3399	3465	3494
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	176	388	748	1236	1931	2748	3647	4536	5304	5863	6187	6403

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

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