

Summary of Monthly Normals
1991-2020
 Generated on 12/01/2021

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	60.6	41.6	51.1	3.5	4.2	3.7	68.7	49.0	26.8	7.0	0.7	0.1	189.5	231.7	302.6	437.7	0.0	0.0	26.7	0.0	6.6	0.0
02	64.3	45.0	54.7	3.9	4.4	3.9	95.2	70.8	42.0	12.7	1.6	0.3	104.9	136.6	191.7	302.4	0.0	0.0	26.2	0.0	3.1	0.0
03	70.1	51.6	60.8	3.2	4.2	3.6	221.4	176.7	118.5	47.4	10.3	3.9	40.1	57.4	92.2	176.0	0.0	0.0	30.5	0.0	0.9	0.0
04	76.1	57.7	66.9	2.3	3.0	2.6	362.4	306.3	226.8	114.2	39.0	20.8	5.3	9.3	19.8	57.2	0.0	0.0	30.0	0.0	0.0	0.0
05	83.0	65.7	74.4	1.9	2.2	1.9	599.8	537.9	445.4	294.5	157.5	109.9	0.0	0.1	0.6	4.7	0.0	2.0	31.0	0.0	0.0	0.0
06	88.2	72.1	80.1	1.7	1.6	1.5	754.4	694.4	604.4	454.4	304.6	244.9	0.0	0.0	0.0	0.0	0.0	12.4	30.0	0.0	0.0	0.0
07	89.6	73.8	81.7	1.2	1.1	1.0	827.7	765.7	672.7	517.7	362.7	300.7	0.0	0.0	0.0	0.0	0.0	19.7	31.0	0.0	0.0	0.0
08	89.7	73.5	81.6	1.7	1.5	1.4	824.5	762.5	669.5	514.5	359.6	297.9	0.0	0.0	0.0	0.0	0.0	20.1	31.0	0.0	0.0	0.0
09	86.7	69.7	78.2	1.7	1.9	1.6	695.9	635.9	545.9	396.7	251.4	196.8	0.0	0.0	0.0	0.9	0.0	9.5	30.0	0.0	0.0	0.0
10	79.3	59.2	69.2	1.7	2.9	2.0	446.7	388.0	303.4	177.0	79.5	52.0	5.0	8.3	16.6	45.3	0.0	0.6	31.0	0.0	0.0	0.0
11	69.7	49.2	59.5	3.2	3.6	3.2	188.0	148.4	98.1	38.9	9.3	4.0	54.4	74.8	114.4	205.3	0.0	0.0	29.6	0.0	1.3	0.0
12	63.0	44.1	53.5	3.0	4.2	3.5	99.5	74.9	45.6	14.6	2.3	0.9	144.4	181.8	245.5	369.5	0.0	0.0	28.5	0.0	4.2	0.0
Summary	76.7	58.6	67.6	2.4	2.9	2.5	5184	4610	3799	2590	1578	1232	544	700	983	1599	0.0	64.3	355.5	0.0	16.1	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	5.92	10.5	7.2	3.6	1.8	3.36	4.59	5.90
02	4.39	9.2	6.0	2.9	1.3	2.51	3.90	5.76
03	5.26	9.0	5.8	3.2	2.0	2.84	4.53	7.43
04	5.47	7.8	5.2	3.3	2.0	2.78	4.93	7.94
05	5.84	7.5	5.4	3.1	2.0	1.96	5.38	7.42
06	5.75	11.2	7.7	3.7	1.9	3.31	4.86	7.31
07	7.68	13.7	9.6	5.0	2.6	5.14	6.62	10.57
08	7.57	13.9	9.3	4.7	2.4	4.57	7.79	9.40
09	4.95	9.6	6.4	2.9	1.5	2.20	3.22	5.88
10	4.17	7.0	4.3	2.1	1.2	1.11	3.36	6.89
11	4.22	7.5	4.9	2.7	1.5	1.60	3.09	5.31
12	4.95	10.2	6.4	3.1	1.4	2.76	3.91	6.15
Summary	66.17	117.1	78.2	40.3	21.6	34.14	56.18	85.96

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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	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.1	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	361.6	415.0	647.4	807.0	1064.8	1204.5	1292.7	1289.6	1146.0	906.8	584.0	427.4
45	236.3	287.2	495.6	657.2	909.8	1054.4	1137.7	1134.5	995.9	752.0	438.7	291.2
50	136.4	177.7	350.3	508.2	754.8	904.4	982.7	979.5	845.9	597.8	303.7	180.5
55	68.7	95.2	221.4	362.4	599.8	754.4	827.7	824.5	695.9	446.7	188.0	99.5
60	26.8	42.0	118.5	226.8	445.4	604.4	672.7	669.5	545.9	303.4	98.1	45.6
Growing Degree Units for Corn (Monthly)												
50/86	200.9	235.1	389.6	521.6	746.5	862.2	921.8	917.1	814.2	606.7	353.8	242.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	362	777	1424	2231	3296	4500	5793	7083	8229	9135	9719	10147
45	236	524	1019	1676	2586	3641	4778	5913	6909	7661	8099	8390
50	136	314	664	1173	1927	2832	3814	4794	5640	6238	6541	6722
55	69	164	385	748	1348	2102	2930	3754	4450	4897	5085	5184
60	27	69	187	414	860	1464	2137	2806	3352	3655	3754	3799
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	201	436	826	1347	2094	2956	3878	4795	5609	6216	6570	6812

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

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