

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

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	22.8	6.7	14.8	4.8	6.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1247.5	1309.5	1402.7	1557.6	0.0	0.0	0.0	24.6	30.6	10.3
02	27.4	9.5	18.5	5.6	6.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1023.3	1079.2	1163.4	1303.3	0.0	0.0	0.6	18.5	27.1	7.2
03	39.6	20.6	30.1	5.5	5.2	5.2	3.7	2.6	1.3	0.1	0.0	0.0	775.6	836.6	928.3	1082.1	0.0	0.0	5.9	7.2	26.1	2.0
04	53.7	32.4	43.1	4.7	3.2	3.9	16.2	10.5	4.8	1.0	0.1	0.0	374.7	429.0	513.3	659.5	0.0	0.0	18.7	1.0	14.8	0.0
05	67.1	44.6	55.8	3.6	3.0	3.2	122.5	92.3	57.5	21.0	4.9	2.2	96.3	128.0	186.2	304.7	0.0	0.2	29.6	0.0	1.9	0.0
06	76.2	54.5	65.4	2.9	2.1	2.3	317.1	262.9	188.3	88.4	28.9	16.2	6.7	12.6	27.9	78.0	0.0	1.3	30.0	0.0	0.0	0.0
07	80.3	58.7	69.5	3.4	2.6	2.9	449.6	388.2	297.7	160.7	62.8	38.1	0.2	0.8	3.2	21.3	0.0	2.4	31.0	0.0	0.0	0.0
08	77.9	56.9	67.4	2.5	2.5	2.4	385.2	325.0	238.2	114.1	37.3	20.6	0.9	2.6	8.8	39.8	0.0	1.0	31.0	0.0	0.0	0.0
09	69.8	48.6	59.2	3.4	3.0	3.0	175.8	137.0	89.1	34.7	9.3	4.7	49.9	71.2	113.2	208.8	0.0	0.1	29.6	0.0	0.5	0.0
10	55.7	37.0	46.3	3.7	2.7	3.0	27.0	17.4	8.3	1.9	0.4	0.2	295.1	347.5	431.5	580.1	0.0	0.0	21.8	0.1	9.2	0.0
11	40.4	25.2	32.8	5.8	4.3	5.0	1.1	0.5	0.1	0.0	0.0	0.0	667.1	726.5	816.1	966.0	0.0	0.0	6.8	7.0	23.2	0.2
12	27.9	13.5	20.7	4.7	5.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1063.1	1125.1	1218.2	1373.2	0.0	0.0	0.4	20.0	29.7	4.9
Summary	53.2	34.0	43.6	4.2	3.9	4.0	1498	1236	885	422	144	82	5600	6069	6813	8174	0.0	5.0	205.4	78.4	163.1	24.6

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	1.20	10.5	4.0	0.3	0.0	0.58	1.20	1.63
02	1.08	8.3	3.4	0.3	0.0	0.63	0.99	1.39
03	1.83	9.4	4.9	1.1	0.2	0.88	1.85	2.38
04	3.12	12.0	7.2	2.0	0.5	2.21	3.12	4.19
05	3.79	13.4	8.0	2.7	0.6	2.96	3.62	4.91
06	4.67	12.8	8.1	3.1	1.1	3.22	4.47	6.18
07	3.86	11.5	6.8	2.6	1.0	2.41	3.57	4.60
08	4.07	10.6	6.8	2.7	1.2	2.62	3.66	4.38
09	3.83	11.5	6.7	2.2	1.0	2.04	3.61	5.11
10	3.07	10.7	6.2	2.0	0.6	1.99	2.74	4.25
11	1.85	9.8	4.5	1.0	0.3	1.32	1.89	2.33
12	1.54	10.6	4.2	0.6	0.2	0.70	1.41	1.86
Summary	33.91	131.1	70.8	20.6	6.7	21.56	32.13	43.21

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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	14.8	11.3	4.9	1.2	0.4	0.0	29.8	27.2	23.8	13.0	7.8	16.4	19.1
02	12.7	8.7	3.8	1.5	0.6	0.0	28.0	27.3	25.5	15.7	8.1	11.3	13.7
03	8.3	6.3	2.8	0.9	0.2	0.0	20.6	17.5	15.3	9.1	4.5	7.0	12.4
04	6.5	3.6	1.9	0.6	0.4	0.0	3.6	2.0	1.3	0.3	1.7	5.2	7.8
05	0.2	0.2	0.1	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	0.9	0.8	0.2	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.5
11	6.5	5.6	1.9	0.6	0.2	0.0	5.7	2.5	1.3	0.2	2.4	3.7	9.6
12	14.4	10.6	4.6	1.5	0.6	0.1	23.9	19.1	14.8	4.1	9.2	11.5	20.3
Summary	64.3	47.1	20.2	6.4	2.4	0.1	111.8	95.7	82.1	42.4	33.7	55.1	83.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.0	1.6	35.4	166.5	493.2	760.3	914.3	849.2	576.2	233.1	40.9	2.3
45	0.0	0.3	16.9	89.2	347.2	610.3	759.3	694.2	429.2	133.3	14.9	0.6
50	0.0	0.1	7.9	40.8	221.5	461.2	604.4	539.3	292.5	66.0	4.7	0.0
55	0.0	0.0	3.7	16.2	122.5	317.1	449.6	385.2	175.8	27.0	1.1	0.0
60	0.0	0.0	1.3	4.8	57.5	188.3	297.7	238.2	89.1	8.3	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.9	23.6	108.3	290.4	472.8	597.5	542.5	338.6	124.9	21.8	1.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	2	37	204	697	1457	2371	3220	3797	4030	4071	4073
45	0	0	17	106	454	1064	1823	2517	2947	3080	3095	3095
50	0	0	8	49	270	732	1336	1875	2168	2234	2238	2238
55	0	0	4	20	142	460	909	1294	1470	1497	1498	1498
60	0	0	1	6	64	252	550	788	877	885	885	885
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	24	133	423	896	1494	2036	2375	2500	2521	2522

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

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