

Summary of Monthly Normals
1991-2020
 Generated on 09/28/2021

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	49.3	31.1	40.2	3.9	3.6	3.6	8.6	5.2	2.2	0.3	0.0	0.0	467.2	525.8	616.0	769.0	0.0	0.0	15.7	1.7	17.2	0.0
02	52.4	32.9	42.7	4.5	3.6	4.0	11.7	7.0	2.8	0.4	0.0	0.0	357.4	408.8	488.6	626.1	0.0	0.0	17.4	0.7	13.7	0.0
03	59.4	38.9	49.1	3.9	3.2	3.5	48.4	33.6	17.6	3.4	0.4	0.2	229.6	276.8	353.9	494.7	0.0	0.0	25.6	0.1	7.3	0.0
04	69.2	48.0	58.6	2.3	2.2	2.1	163.9	127.9	83.7	32.8	7.9	3.7	55.9	79.9	125.7	224.8	0.0	0.2	29.6	0.0	0.4	0.0
05	76.1	56.7	66.4	3.1	3.1	3.0	357.1	299.9	220.0	112.1	40.4	22.8	3.6	8.5	21.6	68.7	0.0	0.9	31.0	0.0	0.0	0.0
06	83.4	65.1	74.2	2.1	1.7	1.8	577.4	517.5	428.1	282.5	151.6	107.3	0.0	0.1	0.6	5.0	0.1	5.4	30.0	0.0	0.0	0.0
07	86.8	69.7	78.3	2.1	1.7	1.8	720.6	658.7	565.7	410.7	256.1	196.7	0.0	0.0	0.0	0.0	0.3	11.7	31.0	0.0	0.0	0.0
08	85.1	68.6	76.8	2.0	1.8	1.7	677.3	615.3	522.3	367.4	214.7	157.0	0.0	0.0	0.0	0.1	0.1	7.0	31.0	0.0	0.0	0.0
09	79.6	63.0	71.3	2.2	2.4	2.1	489.1	429.6	341.6	204.4	92.0	57.6	0.3	0.6	2.6	15.4	0.1	1.8	30.0	0.0	0.0	0.0
10	70.5	51.5	61.0	2.2	2.7	2.1	213.6	167.1	108.6	43.2	12.3	6.3	27.6	43.1	77.6	167.2	0.0	0.2	30.9	0.0	0.0	0.0
11	60.5	40.8	50.6	3.5	3.0	3.1	50.2	34.1	17.1	3.5	0.4	0.1	180.6	224.5	297.5	433.9	0.0	0.0	26.8	0.0	4.6	0.0
12	52.7	34.8	43.7	4.6	4.2	4.3	18.2	11.8	5.7	1.3	0.2	0.0	366.9	422.5	509.4	660.0	0.0	0.0	19.5	0.3	13.0	0.0
Summary	68.8	50.1	59.4	3.0	2.8	2.8	3336	2908	2315	1462	776	552	1689	1991	2493	3465	0.6	27.2	318.5	2.8	56.2	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	3.66	10.7	6.7	2.6	1.1	2.77	3.28	4.54
02	2.96	9.5	6.0	2.2	0.5	1.89	2.68	3.70
03	4.07	11.2	7.4	2.9	0.8	3.07	3.74	4.67
04	3.62	10.3	6.6	2.4	0.7	2.62	3.43	4.79
05	3.95	11.1	7.2	2.9	1.0	3.05	3.75	5.06
06	4.70	11.2	7.1	3.3	1.5	2.94	4.38	6.19
07	5.69	11.6	7.5	3.4	1.9	4.03	5.37	7.62
08	5.77	10.9	7.2	3.6	1.8	2.95	4.71	7.73
09	5.80	9.5	6.7	3.0	1.7	2.72	3.83	7.27
10	4.26	8.2	5.2	2.4	1.2	2.62	4.10	5.18
11	3.65	9.1	5.5	2.5	0.8	1.38	3.09	4.58
12	3.69	10.4	6.6	2.6	0.8	2.37	3.53	4.80
Summary	51.82	123.7	79.7	33.8	13.8	32.41	45.89	66.13

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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	3.1	1.2	0.9	0.4	0.2	0.0	1.8	0.9	0.5	0.0	0.0	0.5	5.5
02	1.5	0.7	0.5	0.2	0.0	0.0	1.0	0.4	0.1	0.0	0.0	0.0	2.0
03	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
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	0.9	0.4	0.2	0.1	0.1	0.1	0.4	0.3	0.2	0.1	0.0	0.0	0.0
Summary	5.8	2.6	1.7	0.7	0.3	0.1	3.3	1.6	0.8	0.1	0.0	0.5	7.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	122.3	140.1	303.8	558.6	818.4	1027.4	1185.7	1142.3	938.9	651.0	329.3	174.5
45	60.2	71.1	187.6	412.0	663.4	877.4	1030.6	987.3	788.9	496.9	204.6	91.7
50	25.5	32.3	103.8	276.8	508.6	727.4	875.6	832.3	638.9	348.5	111.3	44.1
55	8.6	11.7	48.4	163.9	357.1	577.4	720.6	677.3	489.1	213.6	50.2	18.2
60	2.2	2.8	17.6	83.7	220.0	428.1	565.7	522.3	341.6	108.6	17.1	5.7
Growing Degree Units for Corn (Monthly)												
50/86	69.0	82.0	172.0	326.0	514.5	708.5	838.9	809.6	634.6	382.2	178.3	90.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	122	262	566	1125	1943	2971	4156	5299	6238	6888	7218	7392
45	60	131	319	731	1394	2272	3302	4290	5078	5575	5780	5872
50	26	58	162	438	947	1674	2550	3382	4021	4370	4481	4525
55	9	20	69	233	590	1167	1888	2565	3054	3268	3318	3336
60	2	5	23	106	326	754	1320	1842	2184	2293	2310	2315
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	69	151	323	649	1164	1872	2711	3520	4155	4537	4716	4806

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

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