

Summary of Monthly Normals
1991-2020
 Generated on 06/30/2022

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	20.8	2.6	11.7	4.1	5.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1342.1	1404.1	1497.2	1652.2	0.0	0.0	0.3	25.7	30.4	15.0
02	24.1	4.4	14.2	4.3	5.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1140.9	1196.9	1281.0	1421.0	0.0	0.0	0.2	22.0	27.7	12.2
03	34.3	15.6	25.0	3.5	4.9	4.1	0.3	0.1	0.0	0.0	0.0	0.0	931.9	993.7	1086.6	1241.6	0.0	0.0	1.4	13.0	29.3	4.1
04	47.7	29.4	38.5	2.8	2.6	2.5	3.0	1.8	0.7	0.0	0.0	0.0	496.5	555.3	644.2	793.5	0.0	0.0	11.7	1.1	20.7	0.1
05	63.0	41.4	52.2	3.5	2.2	2.6	59.8	41.0	21.7	6.5	1.7	1.0	146.7	189.8	263.6	403.3	0.0	0.2	28.2	0.0	3.7	0.0
06	72.1	50.6	61.4	2.5	1.9	2.0	205.3	158.1	99.7	38.5	10.1	5.1	14.9	27.7	59.2	148.0	0.0	0.5	29.9	0.0	0.1	0.0
07	77.1	56.3	66.7	2.6	2.0	2.1	362.9	302.1	215.3	95.2	28.5	15.1	0.3	1.5	7.6	42.5	0.0	0.7	31.0	0.0	0.0	0.0
08	75.7	54.1	64.9	2.2	1.9	1.9	309.3	250.6	169.5	67.5	18.2	8.8	2.5	5.8	17.7	70.6	0.0	0.5	31.0	0.0	0.0	0.0
09	67.3	45.9	56.6	2.6	2.6	2.4	117.5	86.5	51.0	17.2	4.6	2.2	69.6	98.5	153.1	269.2	0.0	0.1	29.7	0.0	1.7	0.0
10	53.2	35.9	44.5	3.4	2.6	2.9	12.2	7.0	3.0	0.5	0.1	0.0	336.1	392.9	481.9	634.5	0.0	0.0	19.9	0.1	12.4	0.0
11	39.5	25.6	32.6	3.3	3.1	3.1	0.8	0.4	0.2	0.0	0.0	0.0	674.3	733.9	823.7	973.5	0.0	0.0	4.5	7.7	24.0	0.2
12	27.5	12.3	19.9	3.8	5.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	1088.0	1150.0	1243.1	1398.1	0.0	0.0	0.4	20.9	29.8	6.6
Summary	50.2	31.2	40.7	3.2	3.3	3.1	1071	848	561	225	63	32	6244	6750	7559	9048	0.0	2.0	188.2	90.5	179.8	38.2

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	2.95	14.0	6.6	1.9	0.4	1.88	3.08	3.66
02	2.42	12.1	5.8	1.5	0.2	2.00	2.41	2.70
03	2.77	12.5	6.4	1.8	0.3	1.85	2.49	3.36
04	2.99	13.1	7.5	2.0	0.2	2.26	2.86	3.57
05	3.46	14.7	8.7	2.1	0.3	2.58	3.20	4.31
06	3.89	13.8	7.8	2.5	0.7	2.80	3.54	4.50
07	4.23	14.4	8.4	2.8	0.8	2.72	4.35	5.57
08	3.61	13.0	7.5	2.5	0.6	2.34	3.51	4.16
09	3.44	11.5	6.9	2.1	0.9	2.05	3.14	4.07
10	3.99	13.5	7.9	2.6	0.9	2.71	3.84	4.88
11	3.35	13.4	7.2	2.3	0.4	2.10	3.54	3.97
12	3.60	14.9	7.9	2.5	0.4	2.84	3.73	4.20
Summary	40.70	160.9	88.6	26.6	6.1	28.13	39.69	48.95

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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	25.00	14.0	6.7	2.9	1.5	0.3	30.3	28.6	26.5	17.6	17.40	21.50	32.00
02	25.30	11.8	5.9	2.8	1.6	0.4	28.5	28.0	27.6	22.6	18.40	24.20	32.00
03	21.40	10.6	5.2	2.5	1.3	0.3	29.5	28.2	26.7	23.2	15.40	23.30	26.50
04	8.30	4.9	2.5	0.8	0.4	0.1	12.9	10.2	8.7	5.3	4.20	7.90	9.40
05	0.80	0.5	0.2	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.20
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.70	1.2	0.4	0.2	0.1	0.0	0.7	0.4	0.3	0.0	0.00	0.30	1.40
11	10.40	6.9	3.0	1.0	0.6	0.0	9.1	4.6	3.0	0.8	4.40	9.00	12.30
12	25.20	13.0	6.1	2.8	1.4	0.2	24.5	19.3	15.5	8.1	15.70	25.60	33.10
Summary	118.2	63.0	30.0	13.1	7.0	1.3	135.7	119.4	108.3	77.6	75.5	111.8	146.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.5	0.3	5.0	74.3	381.6	640.4	827.5	771.8	498.4	182.0	33.1	2.5
45	0.0	0.1	2.2	28.8	243.0	490.6	672.7	616.9	352.6	90.9	11.8	0.6
50	0.0	0.0	1.1	9.4	131.2	342.9	517.6	461.9	220.8	37.7	3.6	0.1
55	0.0	0.0	0.3	3.0	59.8	205.3	362.9	309.3	117.5	12.2	0.8	0.0
60	0.0	0.0	0.0	0.7	21.7	99.7	215.3	169.5	51.0	3.0	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.2	4.0	44.8	214.2	375.3	520.1	475.1	285.5	87.2	13.8	1.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	1	6	80	462	1102	1930	2701	3200	3382	3415	3417
45	0	0	2	31	274	765	1437	2054	2407	2498	2510	2510
50	0	0	1	10	142	485	1002	1464	1685	1723	1726	1726
55	0	0	0	3	63	268	631	941	1058	1070	1071	1071
60	0	0	0	1	22	122	337	507	558	561	561	561
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	4	49	263	639	1159	1634	1919	2007	2020	2022

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

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