

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	32.6	18.4	25.5	4.8	5.9	5.2	0.3	0.2	0.1	0.0	0.0	0.0	914.6	976.4	1069.2	1224.3	0.0	0.0	2.8	15.3	27.5	3.3
02	36.5	21.0	28.7	5.8	5.8	5.8	0.6	0.2	0.0	0.0	0.0	0.0	735.5	791.1	874.8	1014.9	0.0	0.0	4.0	10.3	24.3	1.7
03	47.8	29.4	38.6	5.1	4.1	4.5	10.7	7.0	3.6	1.0	0.1	0.0	519.1	577.4	667.0	819.4	0.0	0.0	12.8	2.7	20.5	0.1
04	60.9	39.4	50.2	3.3	2.7	2.8	55.8	39.7	22.4	6.6	1.2	0.4	201.3	245.2	317.9	452.1	0.0	0.0	25.1	0.0	6.9	0.0
05	72.2	50.4	61.3	4.1	3.2	3.5	230.4	187.0	130.9	61.9	21.8	12.5	35.1	53.7	90.7	176.6	0.0	1.1	30.8	0.0	0.4	0.0
06	81.0	60.3	70.7	2.6	2.2	2.1	470.1	411.4	325.4	193.9	90.5	60.2	0.7	2.0	6.2	24.5	0.0	4.2	30.0	0.0	0.0	0.0
07	84.1	63.5	73.8	3.3	2.7	2.9	582.7	520.7	427.7	275.3	140.5	98.5	0.0	0.0	0.1	2.6	0.2	6.0	31.0	0.0	0.0	0.0
08	82.0	61.2	71.6	2.4	2.6	2.4	514.5	452.6	360.0	212.1	93.8	60.3	0.0	0.1	0.5	7.5	0.0	2.9	31.0	0.0	0.0	0.0
09	76.1	53.4	64.8	3.1	2.4	2.5	303.4	250.7	179.5	86.4	30.5	17.9	10.9	18.3	37.1	94.0	0.0	1.5	30.0	0.0	0.1	0.0
10	63.7	42.8	53.2	2.7	2.4	2.4	87.4	64.3	37.6	11.8	2.7	1.3	141.6	180.6	246.8	376.1	0.0	0.0	28.5	0.0	3.8	0.0
11	49.4	32.8	41.1	5.0	3.2	3.9	9.9	5.7	2.0	0.2	0.0	0.0	426.8	482.6	569.0	717.2	0.0	0.0	15.0	1.6	15.2	0.0
12	37.5	24.2	30.9	4.8	5.1	4.8	1.1	0.6	0.1	0.0	0.0	0.0	749.7	811.1	903.6	1058.6	0.0	0.0	4.4	9.9	24.9	1.0
Summary	60.3	41.4	50.9	3.9	3.5	3.6	2267	1940	1489	849	381	251	3735	4138	4783	5968	0.2	15.7	245.4	39.8	123.6	6.1

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	2.54	13.2	6.2	1.5	0.4	1.70	2.39	3.07
02	2.06	10.7	5.2	1.2	0.2	1.39	1.78	2.50
03	2.81	11.7	6.3	1.9	0.4	2.03	2.80	3.38
04	3.74	13.2	7.7	2.4	0.8	2.30	3.60	5.02
05	4.58	13.7	8.1	2.8	1.1	2.98	4.13	6.30
06	4.48	11.9	7.9	3.0	1.2	3.17	4.17	5.55
07	4.05	9.7	6.6	2.6	1.3	2.49	3.70	5.39
08	3.80	9.2	5.8	2.4	1.1	2.86	3.53	4.20
09	3.04	9.1	5.6	2.2	0.8	1.69	2.71	4.47
10	2.95	10.1	6.2	1.9	0.7	1.74	2.39	3.69
11	2.96	10.5	6.0	1.7	0.6	2.13	2.62	3.67
12	2.47	12.4	5.7	1.6	0.3	1.73	2.36	2.86
Summary	39.48	135.4	77.3	25.2	8.9	26.21	36.18	50.10

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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	10.8	10.1	3.5	0.9	0.3	0.0	14.7	8.1	4.0	0.5	7.1	11.4	14.8
02	7.8	7.5	2.8	0.6	0.2	0.0	11.0	5.3	2.6	0.3	2.7	6.2	11.5
03	4.6	4.5	1.5	0.4	0.1	0.0	3.6	1.7	0.6	0.0	2.0	2.9	7.3
04	0.8	1.2	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	1.2
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	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.9	2.8	0.5	0.1	0.0	0.0	1.1	0.4	0.0	0.0	0.2	1.1	2.9
12	7.6	7.7	2.1	0.7	0.2	0.0	7.6	4.1	2.3	0.0	3.5	9.1	10.9
Summary	33.6	34.0	10.7	2.7	0.8	0.0	38.3	19.6	9.5	0.8	15.5	30.9	48.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14.9	22.1	108.2	324.0	660.4	919.3	1047.7	979.5	742.4	415.6	134.0	29.6
45	5.3	8.1	56.9	205.9	506.6	769.4	892.7	824.5	592.6	277.6	68.6	11.1
50	1.6	2.7	26.6	115.4	359.2	619.4	737.7	669.5	444.8	166.8	30.0	3.8
55	0.3	0.6	10.7	55.8	230.4	470.1	582.7	514.5	303.4	87.4	9.9	1.1
60	0.1	0.0	3.6	22.4	130.9	325.4	427.7	360.0	179.5	37.6	2.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	6.1	12.2	65.5	188.9	396.8	607.2	715.0	658.9	463.9	236.1	67.7	11.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	37	145	469	1130	2049	3097	4076	4818	5234	5368	5398
45	5	13	70	276	783	1552	2445	3269	3862	4140	4208	4219
50	2	4	31	146	506	1125	1863	2532	2977	3144	3174	3178
55	0	1	12	67	298	768	1351	1865	2168	2256	2266	2267
60	0	0	4	26	157	482	910	1270	1450	1487	1489	1489
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	18	84	273	670	1277	1992	2651	3114	3351	3418	3430

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

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