

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	36.2	18.4	27.3	4.8	4.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	858.4	920.4	1013.4	1168.4	0.0	0.0	5.7	10.5	27.5	1.9
02	41.6	22.8	32.2	6.2	5.0	5.4	1.8	1.0	0.5	0.1	0.0	0.0	640.1	695.3	778.8	918.4	0.0	0.0	10.0	5.9	21.2	0.4
03	54.0	32.4	43.2	5.3	4.5	4.7	26.1	17.2	8.2	1.7	0.1	0.0	391.9	445.0	529.1	677.5	0.0	0.0	19.8	1.6	14.8	0.1
04	65.0	42.9	54.0	3.2	3.1	3.0	101.2	75.3	44.5	14.0	2.2	0.9	132.7	166.8	226.0	345.5	0.0	0.1	27.5	0.0	3.3	0.0
05	74.4	55.4	64.9	3.1	3.0	2.9	320.0	267.2	195.3	98.2	36.2	21.5	13.1	22.3	43.4	101.3	0.0	0.9	31.0	0.0	0.0	0.0
06	83.7	65.2	74.4	2.9	2.1	2.3	583.5	523.6	434.4	289.2	158.7	114.2	0.2	0.4	1.1	6.0	0.0	5.8	30.0	0.0	0.0	0.0
07	87.6	69.3	78.4	2.5	2.4	2.2	726.8	664.8	571.8	417.1	265.4	208.4	0.0	0.0	0.0	0.2	1.2	14.3	31.0	0.0	0.0	0.0
08	86.4	66.5	76.5	3.1	2.7	2.8	664.8	602.8	509.9	356.7	212.3	161.9	0.0	0.0	0.1	1.9	1.3	13.6	31.0	0.0	0.0	0.0
09	78.9	58.1	68.5	3.3	2.7	2.9	409.9	353.5	272.5	156.1	71.5	47.8	4.9	8.5	17.6	51.2	0.2	3.1	30.0	0.0	0.0	0.0
10	66.6	46.2	56.4	3.5	2.2	2.7	142.8	110.1	70.0	26.1	7.1	3.8	99.5	128.7	181.6	292.7	0.0	0.3	29.4	0.0	1.7	0.0
11	51.9	33.3	42.6	5.3	4.4	4.7	18.3	11.5	4.6	0.5	0.0	0.0	390.3	443.5	526.6	672.4	0.0	0.0	17.5	1.5	13.4	0.0
12	40.1	23.4	31.8	4.5	4.4	4.3	1.1	0.6	0.2	0.0	0.0	0.0	721.8	783.2	875.8	1030.6	0.0	0.0	7.5	7.4	24.8	0.6
Summary	63.9	44.5	54.2	4.0	3.4	3.5	2996	2628	2112	1360	754	558	3253	3614	4193	5266	2.7	38.1	270.4	26.9	106.7	3.0

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	0.93	5.0	3.0	0.3	0.0	0.46	0.77	1.40
02	1.20	5.0	3.0	0.8	0.1	0.55	1.08	1.63
03	1.92	7.3	4.2	1.3	0.3	0.89	1.67	3.19
04	3.42	9.6	6.7	2.4	0.8	2.33	3.27	4.48
05	5.32	11.1	7.8	3.4	1.5	3.47	4.93	6.89
06	4.87	9.6	6.9	3.1	1.5	2.76	4.12	6.92
07	5.17	8.7	6.3	3.3	1.9	2.51	3.83	5.71
08	3.75	8.0	5.7	2.2	1.1	1.83	3.42	5.43
09	3.48	7.6	5.6	2.4	1.0	2.19	3.14	4.45
10	3.10	6.9	4.9	2.3	0.9	1.32	2.60	4.34
11	1.81	5.2	3.5	1.2	0.5	0.80	1.55	2.61
12	1.41	5.0	2.9	0.9	0.3	0.78	1.17	2.03
Summary	36.38	89.0	60.5	23.6	9.9	19.89	31.55	49.08

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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	5.00	2.9	1.7	0.6	0.1	0.0	8.0	4.3	1.5	0.4	1.80	4.30	7.10
02	4.80	2.4	1.5	0.6	0.1	0.0	6.5	3.5	1.3	0.1	1.00	3.50	9.20
03	1.80	0.9	0.7	0.2	0.0	0.0	2.2	0.8	0.5	0.0	0.00	1.00	2.30
04	0.40	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
05	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.30	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.90	0.6	0.3	0.1	0.0	0.0	0.6	0.3	0.1	0.0	0.00	0.00	0.60
12	3.80	2.5	1.5	0.5	0.2	0.0	5.0	2.6	1.4	0.1	0.40	1.70	3.70
Summary	17.0	9.7	6.0	2.0	0.4	0.0	22.6	11.5	4.8	0.6	3.2	10.5	22.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15.5	48.6	196.1	428.6	771.9	1033.2	1191.8	1129.7	854.9	514.0	169.8	34.0
45	3.4	20.2	115.0	297.9	617.0	883.3	1036.8	974.8	705.1	372.3	94.9	12.6
50	0.2	7.0	60.8	185.9	463.8	733.3	881.8	819.8	556.2	246.9	46.1	4.2
55	0.0	1.8	26.1	101.2	320.0	583.5	726.8	664.8	409.9	142.8	18.3	1.1
60	0.0	0.5	8.2	44.5	195.3	434.4	571.8	509.9	272.5	70.0	4.6	0.2
Growing Degree Units for Corn (Monthly)												
50/86	12.2	33.7	126.0	251.4	477.4	711.4	830.0	772.5	554.5	296.8	92.7	18.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	64	260	689	1461	2494	3686	4815	5670	6184	6354	6388
45	3	24	139	436	1054	1937	2974	3948	4654	5026	5121	5133
50	0	7	68	254	718	1451	2333	3153	3709	3956	4002	4006
55	0	2	28	129	449	1033	1759	2424	2834	2977	2995	2996
60	0	0	9	53	248	683	1255	1765	2037	2107	2112	2112
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	46	172	423	901	1612	2442	3215	3769	4066	4159	4177

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

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