

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1212 ft. Lat: 42.7292° N Lon: 94.6614° W
Station: POCAHONTAS, IA US USC00136719

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	25.6	7.5	16.6	5.0	5.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1191.7	1253.6	1346.6	1501.7	0.0	0.0	0.7	21.8	30.8	10.0
02	30.1	11.7	20.9	6.4	7.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	954.6	1010.5	1094.5	1234.6	0.0	0.0	1.7	15.6	27.2	6.3
03	43.6	24.0	33.8	6.0	4.6	5.2	5.2	3.4	1.8	0.4	0.0	0.0	662.5	722.7	814.0	967.7	0.0	0.0	9.7	6.5	24.5	1.3
04	58.8	35.5	47.2	4.9	3.6	4.0	40.2	28.1	15.6	4.6	0.7	0.3	275.7	323.6	401.1	540.1	0.0	0.2	21.7	0.7	10.4	0.0
05	70.9	48.5	59.7	3.9	3.0	3.2	202.9	162.9	111.8	51.9	19.0	11.1	57.3	79.3	121.1	216.3	0.1	1.1	29.9	0.0	0.7	0.0
06	81.4	59.3	70.4	2.5	2.2	2.1	462.3	404.4	319.6	190.0	88.8	59.5	2.1	4.1	9.3	29.7	0.0	5.0	30.0	0.0	0.0	0.0
07	84.4	62.3	73.4	2.9	2.4	2.5	568.7	506.7	414.1	264.4	132.5	91.3	0.0	0.0	0.4	5.6	0.1	6.7	31.0	0.0	0.0	0.0
08	81.8	59.5	70.6	2.3	2.6	2.3	485.1	423.4	331.9	189.6	79.7	49.7	0.0	0.3	1.8	14.5	0.0	2.6	31.0	0.0	0.0	0.0
09	76.1	50.4	63.2	3.4	3.2	3.0	273.4	226.1	162.3	79.3	28.4	16.5	26.1	38.8	65.0	131.9	0.0	1.7	29.8	0.0	0.7	0.0
10	62.3	37.5	49.9	4.0	2.9	3.1	62.8	45.2	26.3	9.0	2.2	1.2	220.9	265.4	339.5	477.1	0.0	0.3	26.1	0.2	9.5	0.0
11	45.0	24.7	34.9	7.0	4.6	5.6	3.4	1.7	0.5	0.0	0.0	0.0	607.8	666.1	755.0	904.5	0.0	0.0	10.8	5.7	23.4	0.4
12	31.2	13.6	22.4	5.5	5.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1010.5	1072.4	1165.4	1320.4	0.0	0.0	2.0	16.5	30.2	4.9
Summary	57.6	36.2	46.9	4.5	3.9	4.0	2104	1802	1384	789	351	230	5009	5437	6114	7344	0.2	17.6	224.4	67.0	157.4	22.9

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	1.02	7.0	2.7	0.5	0.1	0.61	1.03	1.36
02	1.02	6.5	3.0	0.6	0.0	0.65	0.99	1.35
03	2.04	8.3	4.6	1.3	0.3	1.23	1.76	2.66
04	3.41	9.9	6.5	2.8	0.8	2.34	3.33	4.07
05	4.57	13.0	8.6	3.1	1.2	3.50	4.44	5.95
06	4.67	11.3	7.6	3.4	1.4	2.86	4.56	6.15
07	4.02	9.0	5.9	2.7	1.3	2.58	3.53	5.35
08	4.34	8.9	6.2	2.8	1.5	1.84	3.81	5.66
09	2.60	8.5	5.6	2.0	0.8	1.61	2.33	3.60
10	2.28	8.1	4.9	1.7	0.5	1.04	1.91	3.08
11	1.60	5.9	3.2	1.2	0.3	0.65	1.29	2.13
12	1.22	6.9	3.2	0.9	0.2	0.55	1.17	1.66
Summary	32.79	103.3	62.0	23.0	8.4	19.46	30.15	43.02

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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Station: **POCAHONTAS, IA US USC00136719**

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1991-2020
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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	9.30	5.1	3.2	1.3	0.6	0.0					3.60	9.30	13.00
02	7.40	4.9	3.5	1.1	0.7	0.1					2.50	6.60	10.00
03	5.80	2.8	2.1	0.6	0.3	0.0					2.00	5.50	8.70
04	1.90	1.1	0.9	0.3	0.2	0.0					0.00	0.70	2.80
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.40	0.3	0.2	0.0	0.0	0.0					0.00	0.00	0.10
11	3.70	2.3	1.3	0.5	0.1	0.0					0.20	3.00	5.50
12	10.30	5.0	3.3	1.4	0.4	0.1					4.20	8.80	13.10
Summary	38.8	21.5	14.5	5.2	2.3	0.2	0.0	0.0	0.0	0.0	12.5	33.9	53.2

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.9	6.5	68.4	261.1	611.5	910.2	1033.7	950.0	697.4	335.2	71.4	4.6
45	0.1	1.6	34.0	160.8	461.4	760.2	878.7	795.0	549.0	216.8	33.5	1.5
50	0.0	0.2	14.3	86.5	322.3	610.4	723.7	640.0	405.2	125.7	13.3	0.2
55	0.0	0.0	5.2	40.2	202.9	462.3	568.7	485.1	273.4	62.8	3.4	0.0
60	0.0	0.0	1.8	15.6	111.8	319.6	414.1	331.9	162.3	26.3	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	4.8	49.1	166.1	362.1	593.5	698.3	630.5	439.3	214.4	52.3	4.3

Growing Degree Units (Accumulated Monthly)												
40	1	7	76	337	948	1859	2892	3842	4540	4875	4946	4951
45	0	2	36	196	658	1418	2297	3092	3641	3858	3891	3893
50	0	0	14	101	423	1034	1757	2397	2803	2928	2942	2942
55	0	0	5	45	248	711	1279	1764	2038	2101	2104	2104
60	0	0	2	17	129	449	863	1195	1357	1383	1384	1384
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	6	55	222	584	1177	1875	2506	2945	3160	3212	3216

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