

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1165 ft. Lat: 43.0900° N Lon: 91.5581° W
Station: POSTVILLE, IA US USC00136766
Generated on 04/27/2024

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	25.7	7.4	16.6	4.6	5.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1191.6	1253.6	1346.6	1501.6	0.0	0.0	0.6	21.0	30.7	10.2
02	29.9	10.5	20.2	5.7	7.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	974.2	1030.2	1114.3	1254.3	0.0	0.0	1.0	16.4	27.6	8.3
03	43.0	22.4	32.7	5.4	5.1	5.1	5.9	4.2	2.3	0.3	0.0	0.0	697.3	757.6	848.7	1001.7	0.0	0.0	8.6	5.7	25.1	1.8
04	57.5	34.0	45.8	4.1	3.1	3.5	24.5	15.2	6.8	0.9	0.0	0.0	302.0	352.7	434.3	578.4	0.0	0.0	22.0	0.5	12.8	0.0
05	69.4	46.9	58.2	3.3	4.0	3.4	163.6	127.1	82.7	33.7	9.1	4.9	66.0	91.6	140.1	246.1	0.0	0.5	29.8	0.0	1.6	0.0
06	79.0	57.8	68.4	2.1	2.2	1.9	403.5	345.5	262.0	138.5	52.3	31.6	1.7	3.7	10.2	36.6	0.0	2.2	30.0	0.0	0.0	0.0
07	82.8	60.9	71.9	3.1	2.4	2.6	522.2	460.4	368.2	220.7	98.1	61.9	0.0	0.1	1.0	8.5	0.1	4.1	31.0	0.0	0.0	0.0
08	80.8	58.2	69.5	2.6	2.5	2.3	449.6	388.2	297.6	161.1	60.6	35.3	0.2	0.8	3.2	21.7	0.0	1.8	31.0	0.0	0.0	0.0
09	74.0	49.2	61.6	2.7	3.0	2.6	229.6	183.8	123.4	53.0	17.7	10.2	31.8	46.0	75.5	155.2	0.0	0.6	29.9	0.0	0.6	0.0
10	60.6	37.0	48.8	3.4	3.2	3.1	48.5	33.3	18.2	5.7	1.7	1.1	240.7	287.5	365.4	507.9	0.0	0.0	25.7	0.0	10.3	0.0
11	44.7	25.5	35.1	6.0	4.7	5.2	3.1	1.5	0.3	0.0	0.0	0.0	600.1	658.5	747.3	897.0	0.0	0.0	10.9	4.2	22.6	0.1
12	31.4	14.0	22.7	5.1	5.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1001.1	1063.1	1156.1	1311.1	0.0	0.0	1.1	16.1	30.1	5.1
Summary	56.6	35.3	46.0	4.0	4.1	3.9	1850	1559	1162	614	239	145	5107	5545	6243	7520	0.1	9.2	221.6	63.9	161.4	25.5

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	1.12	5.8	3.6	0.5	0.1	0.67	1.02	1.30	
02	1.21	5.4	3.7	0.7	0.1	0.75	1.14	1.59	
03	2.09	6.7	4.9	1.4	0.3	1.35	1.83	2.71	
04	4.14	10.1	7.4	2.9	1.1	2.86	4.12	4.87	
05	4.99	12.2	8.9	3.7	1.2	3.63	4.25	5.87	
06	5.88	11.2	9.0	4.0	1.9	4.10	5.83	7.48	
07	4.52	8.8	6.8	3.0	1.4	2.52	4.27	5.86	
08	4.36	9.0	6.9	3.1	1.3	2.80	3.73	4.74	
09	3.96	8.5	6.5	2.4	0.9	1.97	3.14	5.53	
10	3.00	7.7	5.4	1.8	0.7	1.44	2.78	3.76	
11	2.10	5.9	4.2	1.3	0.6	1.27	2.05	2.55	
12	1.57	6.1	3.6	0.6	0.2	0.63	1.35	2.21	
Summary	38.94	97.4	70.9	25.4	9.8	23.99	35.51	48.47	

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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	12.00	5.2	3.4	1.5	0.5	0.1	23.1	18.5	14.8	6.3	7.40	11.50	16.00
02	10.40	4.5	3.2	1.3	0.7	0.1	22.9	18.3	14.1	6.3	4.20	9.40	15.40
03	5.00	2.6	1.8	0.7	0.2	0.0	11.1	8.0	5.4	1.8	3.00	4.30	6.00
04	1.60	0.9	0.7	0.3	0.1	0.0	1.3	0.5	0.1	0.0	0.00	0.00	3.00
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	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.70	1.6	0.9	0.3	0.1	0.0	3.3	1.1	0.9	0.3	0.00	0.70	2.60
12	8.00	4.5	2.8	1.1	0.5	0.0	15.3	10.4	8.2	2.9	1.50	5.50	13.00
Summary	39.8	19.5	12.8	5.2	2.1	0.2	77.1	56.8	43.5	17.6	16.1	31.4	56.0

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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	0.1	3.7	56.2	224.1	563.4	851.7	987.1	914.3	647.9	298.0	63.4	3.8
45	0.0	0.8	27.1	129.9	414.3	701.8	832.2	759.4	499.9	185.7	27.6	0.4
50	0.0	0.0	12.8	64.0	277.5	551.9	677.1	604.3	357.9	103.3	10.5	0.0
55	0.0	0.0	5.9	24.5	163.6	403.5	522.2	449.6	229.6	48.5	3.1	0.0
60	0.0	0.0	2.3	6.8	82.7	262.0	368.2	297.6	123.4	18.2	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	2.7	38.9	141.4	334.6	550.5	663.3	602.9	401.2	186.4	38.2	2.3

Growing Degree Units (Accumulated Monthly)												
40	0	4	60	284	848	1699	2686	3601	4248	4546	4610	4614
45	0	1	28	158	572	1274	2106	2866	3365	3551	3579	3579
50	0	0	13	77	354	906	1583	2188	2546	2649	2659	2659
55	0	0	6	30	194	598	1120	1569	1799	1847	1850	1850
60	0	0	2	9	92	354	722	1020	1143	1161	1162	1162
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	42	183	518	1068	1732	2335	2736	2922	2960	2963

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

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