

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1055 ft. Lat: 42.0103° N Lon: 94.3953° W
Station: JEFFERSON, IA US USC00134228

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	27.6	9.1	18.4	5.5	5.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1136.0	1197.9	1290.9	1445.9	0.0	0.0	1.6	18.6	30.6	7.9
02	32.5	13.3	22.9	6.4	6.5	6.4	0.1	0.1	0.0	0.0	0.0	0.0	898.8	954.7	1038.6	1178.7	0.0	0.0	3.3	13.1	26.3	4.9
03	46.1	25.2	35.6	6.1	4.3	5.0	8.0	5.4	2.9	0.8	0.0	0.0	607.9	667.3	757.8	910.7	0.0	0.0	13.8	4.4	23.1	0.7
04	60.2	36.0	48.1	4.0	3.3	3.5	42.8	30.2	16.5	4.9	0.9	0.3	249.8	297.2	373.6	511.9	0.0	0.3	24.2	0.2	9.2	0.0
05	71.1	48.7	59.9	3.2	2.7	2.8	201.6	160.4	108.0	47.2	14.6	8.0	49.7	70.5	111.1	205.3	0.1	0.7	30.5	0.0	0.7	0.0
06	80.5	59.3	69.9	2.4	2.0	2.0	448.0	389.4	304.1	174.2	74.2	47.0	1.2	2.6	7.3	27.4	0.0	3.4	30.0	0.0	0.0	0.0
07	83.4	62.8	73.1	3.2	2.4	2.6	561.0	499.1	406.5	256.9	126.2	86.5	0.0	0.1	0.5	5.8	0.3	7.6	31.0	0.0	0.0	0.0
08	81.3	60.4	70.9	2.7	2.6	2.4	491.3	429.6	338.0	196.4	85.7	55.2	0.1	0.3	1.8	15.1	0.1	4.5	31.0	0.0	0.0	0.0
09	75.8	51.1	63.5	3.4	3.4	3.1	274.9	226.5	160.5	76.9	27.3	15.6	21.5	33.1	57.2	123.5	0.1	1.9	29.9	0.0	0.3	0.0
10	62.9	39.1	51.0	3.8	2.7	2.9	72.3	53.0	31.2	10.8	2.9	1.7	196.3	239.0	310.3	444.9	0.0	0.2	27.1	0.2	7.5	0.0
11	46.4	25.7	36.1	6.6	4.6	5.5	4.5	2.3	0.7	0.0	0.0	0.0	572.9	630.7	719.1	868.5	0.0	0.0	12.6	4.3	21.4	0.3
12	32.9	15.5	24.2	5.6	5.3	5.2	0.1	0.0	0.0	0.0	0.0	0.0	954.8	1016.7	1109.7	1264.7	0.0	0.0	3.6	13.9	29.5	3.5
Summary	58.4	37.2	47.8	4.4	3.8	3.9	2105	1796	1368	768	332	214	4689	5110	5778	7002	0.6	18.6	238.6	54.7	148.6	17.3

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	0.96	6.8	2.7	0.3	0.0	0.54	0.93	1.33	
02	1.28	6.6	3.3	0.8	0.0	0.92	1.25	1.76	
03	1.96	7.5	4.3	1.3	0.3	1.19	1.71	2.42	
04	3.58	10.3	6.8	2.5	1.0	2.15	3.25	4.17	
05	4.97	11.8	7.9	2.9	1.2	3.20	4.56	6.60	
06	5.19	11.8	8.4	3.7	1.5	3.63	4.95	6.31	
07	4.38	9.8	6.3	2.5	1.0	2.49	4.15	5.43	
08	4.21	9.2	6.3	2.9	1.1	2.97	3.94	5.77	
09	3.13	8.0	5.1	1.9	0.8	1.59	2.89	4.31	
10	2.58	8.0	4.7	1.7	0.6	1.20	1.75	3.96	
11	1.69	5.9	3.5	1.1	0.4	0.84	1.28	2.28	
12	1.38	6.7	3.2	0.9	0.1	0.69	1.21	1.65	
Summary	35.31	102.4	62.5	22.5	8.0	21.41	31.87	45.99	

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

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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	8.20	5.8	2.5	0.9	0.4	0.0	20.4	16.1	10.9	2.7	4.20	9.20	11.80
02	8.20	5.0	2.6	0.8	0.3	0.0	17.1	11.7	8.1	2.3	4.60	8.30	11.60
03	4.80	2.6	1.1	0.5	0.3	0.1	7.5	4.3	2.9	0.6	0.50	2.90	8.60
04	0.90	0.9	0.3	0.1	0.1	0.0	0.5	0.1	0.1	0.0	0.00	0.50	1.00
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	0.60	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	1.50	1.4	0.7	0.2	0.0	0.0	2.2	0.4	0.0	0.0	0.00	0.70	2.40
12	7.50	5.0	2.4	0.9	0.2	0.0	13.3	8.6	5.2	1.4	2.60	7.60	9.50
Summary	31.7	21.0	9.8	3.5	1.3	0.1	61.2	41.3	27.2	7.0	11.9	29.2	44.9

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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	2.0	9.9	88.2	278.8	617.6	896.6	1025.9	956.1	703.4	363.4	81.4	7.2
45	0.3	2.9	45.6	172.2	466.1	746.6	870.9	801.1	554.2	240.7	38.6	2.2
50	0.0	0.8	20.9	93.3	324.3	596.8	716.0	646.2	409.1	141.6	16.1	0.6
55	0.0	0.1	8.0	42.8	201.6	448.0	561.0	491.3	274.9	72.3	4.5	0.1
60	0.0	0.0	2.9	16.5	108.0	304.1	406.5	338.0	160.5	31.2	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.0	8.4	65.8	180.1	369.7	589.0	694.6	635.1	441.8	226.4	57.4	6.2

Growing Degree Units (Accumulated Monthly)												
40	2	12	100	379	996	1893	2919	3875	4578	4942	5023	5030
45	0	3	49	221	687	1434	2305	3106	3660	3901	3939	3941
50	0	1	22	115	439	1036	1752	2398	2807	2949	2965	2966
55	0	0	8	51	252	700	1262	1753	2028	2100	2104	2105
60	0	0	3	19	127	432	838	1176	1336	1368	1368	1368
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	11	77	257	627	1216	1911	2546	2988	3214	3271	3278

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