

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1056 ft. Lat: 42.3978° N Lon: 90.7036° W

Station: DUBUQUE RGNL AP, IA US USW00094908

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	26.5	11.1	18.8	4.8	5.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1121.8	1183.8	1276.9	1432.0	0.0	0.0	0.7	20.7	30.1	7.5
02	30.9	15.0	22.9	6.0	7.0	6.4	0.1	0.0	0.0	0.0	0.0	0.0	897.2	953.2	1037.2	1177.3	0.0	0.0	1.3	15.2	26.1	4.4
03	44.1	26.3	35.2	5.2	4.7	4.8	8.0	5.5	3.0	0.5	0.0	0.0	621.9	681.4	771.8	924.3	0.0	0.0	9.7	5.1	22.7	0.7
04	57.7	37.2	47.4	3.7	3.1	3.2	34.8	24.5	12.8	2.6	0.3	0.1	261.4	311.0	389.3	529.1	0.0	0.0	22.8	0.4	8.4	0.0
05	69.2	48.5	58.8	3.3	3.0	3.0	176.9	139.2	91.7	38.4	11.6	6.1	57.7	81.9	127.4	229.1	0.0	0.3	30.4	0.0	0.7	0.0
06	78.5	58.6	68.5	2.1	1.8	1.8	408.0	350.1	266.3	143.3	56.5	34.0	1.7	3.8	10.0	36.9	0.0	1.5	30.0	0.0	0.0	0.0
07	81.5	62.0	71.7	3.3	2.6	2.9	519.2	457.2	364.9	217.0	97.0	62.7	0.0	0.1	0.8	7.8	0.0	2.6	31.0	0.0	0.0	0.0
08	79.6	60.0	69.8	2.7	2.9	2.6	458.7	397.0	305.8	166.4	65.0	38.9	0.0	0.4	2.1	17.7	0.0	1.4	31.0	0.0	0.0	0.0
09	72.9	51.8	62.3	3.1	2.9	2.8	246.1	199.7	138.8	62.8	20.1	11.1	25.7	39.3	68.4	142.4	0.0	0.3	29.9	0.0	0.3	0.0
10	59.9	39.9	49.9	3.2	2.7	2.7	55.9	39.8	22.3	6.8	1.7	0.9	214.1	259.9	335.4	474.9	0.0	0.0	25.7	0.1	6.8	0.0
11	44.8	28.1	36.4	5.8	4.4	5.0	4.5	2.5	0.9	0.1	0.0	0.0	560.9	619.0	707.4	856.6	0.0	0.0	10.4	4.5	20.2	0.0
12	31.8	17.2	24.5	5.4	5.9	5.5	0.3	0.1	0.0	0.0	0.0	0.0	945.5	1007.4	1100.3	1255.4	0.0	0.0	1.6	15.4	28.7	3.4
Summary	56.4	38.0	47.2	4.0	3.9	3.8	1912	1616	1206	638	252	154	4708	5141	5827	7084	0.0	6.1	224.5	61.4	144.0	16.0

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	1.32	9.1	3.9	0.5	0.0	0.96	1.23	1.67	
02	1.57	8.9	4.4	0.7	0.2	0.95	1.39	2.15	
03	2.25	10.1	5.4	1.3	0.3	1.05	1.99	2.94	
04	4.06	11.4	7.3	2.8	0.9	2.58	3.94	5.13	
05	4.30	13.0	8.4	2.9	1.0	2.82	4.36	5.44	
06	5.19	12.2	8.0	3.4	1.4	3.14	5.04	7.59	
07	4.80	9.7	6.3	3.0	1.3	2.15	3.56	7.36	
08	3.95	9.0	5.9	2.7	1.2	2.40	3.35	5.06	
09	3.82	8.7	6.2	2.7	0.9	2.01	3.70	4.51	
10	2.93	8.9	5.3	1.9	0.7	1.38	2.69	3.77	
11	2.21	8.3	4.6	1.5	0.5	1.20	1.91	2.62	
12	1.80	9.1	4.4	1.1	0.2	0.95	1.61	2.32	
Summary	38.20	118.4	70.1	24.5	8.6	21.59	34.77	50.56	

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

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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	10.70	7.8	3.5	1.3	0.3	0.0	20.5	16.3	9.5	1.0	6.60	11.00	14.20
02	10.60	6.9	3.2	1.3	0.4	0.1	18.2	14.0	9.6	2.9	4.60	9.00	15.40
03	5.70	4.2	1.7	0.7	0.2	0.0	7.8	5.1	3.2	0.6	2.70	4.70	7.80
04	1.90	1.3	0.6	0.1	0.1	0.0	0.9	0.3	0.0	0.0	0.00	0.50	2.70
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	0.50	0.5	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	2.80	2.4	0.9	0.2	0.1	0.0	3.4	1.0	0.4	0.0	0.00	1.50	4.10
12	10.30	6.3	3.3	1.2	0.5	0.0	13.2	10.1	7.4	1.4	2.10	7.30	17.40
Summary	42.5	29.4	13.3	4.9	1.6	0.1	64.1	46.9	30.1	5.9	16.0	34.0	61.6

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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	7.7	74.1	258.3	584.8	856.2	984.1	923.6	670.5	327.3	79.7	8.1
45	0.0	2.5	38.0	153.3	433.4	706.3	829.1	768.6	521.6	207.4	36.9	2.8
50	0.0	0.5	17.8	78.4	293.6	556.4	674.2	613.7	377.7	116.6	14.4	1.1
55	0.0	0.1	8.0	34.8	176.9	408.0	519.2	458.7	246.1	55.9	4.5	0.3
60	0.0	0.0	3.0	12.8	91.7	266.3	364.9	305.8	138.8	22.3	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	4.4	44.7	146.9	340.0	555.1	663.5	609.8	407.8	181.1	42.0	3.8

Growing Degree Units (Accumulated Monthly)												
40	1	9	83	341	926	1782	2766	3690	4360	4688	4767	4775
45	0	2	40	194	627	1334	2163	2931	3453	3660	3697	3700
50	0	0	18	97	390	947	1621	2235	2612	2729	2743	2744
55	0	0	8	43	220	628	1147	1606	1852	1908	1912	1912
60	0	0	3	16	108	374	739	1044	1183	1206	1206	1206
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	50	197	537	1092	1755	2365	2773	2954	2996	3000

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

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