

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

Current Location: Elev: 980 ft. Lat: 40.0803° N Lon: 95.5919° W
Station: FALLS CITY BRENNER FIELD, NE US USW00094957

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	36.0	17.0	26.5	6.0	5.0	5.2	-7777	0	0	0	0	0	883	945	1038	1193	0.0	0.0	4.5	11.0	29.2	3.1
02	41.1	20.7	30.9	6.5	5.5	5.8	1	1	-7777	-7777	0	0	676	731	815	955	0.0	0.0	7.8	7.2	23.3	2.0
03	53.2	30.5	41.9	4.9	3.5	3.8	21	15	8	2	-7777	-7777	429	484	571	720	0.0	-7777	17.8	1.9	17.4	0.1
04	65.0	41.4	53.2	4.6	3.1	3.6	101	78	50	20	6	3	155	192	254	374	0.0	0.4	26.4	0.0	5.0	0.0
05	75.0	52.6	63.8	3.6	3.2	3.1	292	241	173	84	30	18	19	30	55	121	0.0	1.5	30.9	0.0	0.1	0.0
06	84.3	62.2	73.3	3.0	2.6	2.6	548	488	400	260	139	99	-7777	1	3	13	0.2	6.9	30.0	0.0	0.0	0.0
07	88.8	66.3	77.5	2.7	2.3	2.2	699	637	544	390	242	188	0	0	-7777	1	1.6	14.0	31.0	0.0	0.0	0.0
08	87.1	63.6	75.4	3.8	2.8	3.1	631	569	476	326	189	143	-7777	-7777	1	5	1.6	11.2	31.0	0.0	0.0	0.0
09	79.4	54.1	66.7	3.6	3.0	3.0	366	313	239	136	63	43	13	20	37	83	0.1	3.8	29.9	0.0	0.2	0.0
10	66.8	42.5	54.7	3.2	2.9	2.6	116	88	55	20	6	4	127	161	220	341	0.0	0.2	28.6	0.0	4.4	0.0
11	51.6	30.4	41.0	5.6	4.1	4.5	15	10	5	1	-7777	-7777	435	490	575	721	0.0	0.0	17.0	2.0	17.6	-7777
12	38.4	19.7	29.0	6.3	6.0	6.0	-7777	-7777	-7777	0	0	0	805	867	959	1114	0.0	0.0	6.2	9.3	27.3	2.0
Summary	63.9	41.8	52.8	4.5	3.7	3.8	2790	2440	1950	1239	675	498	3542	3921	4528	5641	3.5	38.0	261.1	31.4	124.5	7.2

-7777: a non-zero value that would round to zero
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	0.65	4.9	2.1	0.1	-7777	0.37	0.51	0.91
02	0.94	6.1	2.6	0.4	0.1	0.45	0.70	1.59
03	2.34	8.4	4.6	1.6	0.4	1.11	2.28	3.15
04	3.18	10.1	6.0	2.1	0.8	2.05	3.02	3.98
05	4.58	11.6	7.8	3.3	1.3	3.04	4.22	5.44
06	4.88	11.1	7.0	3.1	1.6	3.33	4.76	5.90
07	5.04	10.5	6.3	3.4	1.5	2.49	3.35	5.56
08	4.04	10.2	5.6	2.4	1.3	1.44	3.00	6.28
09	3.55	9.4	5.2	2.3	1.1	1.57	2.60	5.63
10	2.64	8.4	4.8	1.8	0.7	1.50	2.56	3.71
11	1.96	6.8	3.6	1.1	0.5	1.02	1.48	3.40
12	0.98	6.1	2.5	0.6	0.1	0.37	0.83	1.56
Summary	34.78	103.6	58.1	22.2	9.4	18.74	29.31	47.11

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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	3.4	2.0	1.8	0.7	0.2	0.0					0.0	3.0	6.0
02	3.2	1.7	1.6	0.5	0.2	0.0					0.0	1.5	6.0
03	3.3	1.2	1.0	0.4	0.2	0.0					0.0	2.0	3.4
04	0.9	0.3	0.3	0.2	0.1	0.0					0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.3	0.1	0.1	0.1	0.1	0.0					0.0	0.0	0.0
11	1.1	0.5	0.5	0.2	0.0	0.0					0.0	0.0	1.2
12	3.7	2.3	2.0	0.6	0.1	0.0					1.0	3.5	4.4
Summary	15.9	8.1	7.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	1.0	10.0	21.0

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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	14	39	168	409	738	997	1164	1096	802	462	144	23
45	4	16	95	283	583	847	1009	941	653	325	79	7
50	-7777	5	48	177	432	697	854	786	507	208	37	2
55	-7777	1	21	101	292	548	699	631	366	116	15	-7777
60	0	-7777	8	50	173	400	544	476	239	55	5	-7777
Growing Degree Units for Corn (Monthly)												
50/86	15	34	119	251	453	668	786	730	514	286	95	19
Growing Degree Units (Accumulated Monthly)												
40	14	53	221	630	1368	2365	3529	4625	5427	5889	6033	6056
45	4	20	115	398	981	1828	2837	3778	4431	4756	4835	4842
50	0	5	53	230	662	1359	2213	2999	3506	3714	3751	3753
55	0	1	22	123	415	963	1662	2293	2659	2775	2790	2790
60	0	0	8	58	231	631	1175	1651	1890	1945	1950	1950
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	49	168	419	872	1540	2326	3056	3570	3856	3951	3970

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