

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 793 ft. Lat: 35.6494° N Lon: 94.1542° W
Station: MOUNTAINBURG 2 NE, AR US USC00035018

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	49.3	25.8	37.5	3.6	3.5	3.2	3.7	1.8	0.6	0.0	0.0	0.0	544.4	604.6	696.3	850.8	0.0	0.0	16.4	2.1	23.3	0.0
02	54.4	29.2	41.8	4.1	3.6	3.5	10.1	6.1	2.8	0.5	0.0	0.0	379.7	431.7	512.3	650.0	0.0	0.0	19.3	0.9	18.0	0.1
03	62.9	36.7	49.8	4.2	3.9	3.8	50.4	34.7	17.6	4.2	0.4	0.1	211.6	257.9	333.8	475.4	0.0	0.0	27.7	0.2	10.2	0.0
04	71.6	45.6	58.6	2.6	2.9	2.5	161.7	123.3	75.8	24.9	4.2	1.6	53.8	75.3	117.8	216.9	0.0	0.1	29.7	0.0	2.2	0.0
05	78.9	54.8	66.9	2.7	3.0	2.6	371.2	313.8	232.7	119.5	42.5	23.9	3.8	8.4	20.4	62.1	0.0	1.9	31.0	0.0	0.0	0.0
06	86.9	63.8	75.3	3.1	2.3	2.4	610.4	550.5	460.6	312.4	173.3	123.8	0.0	0.1	0.2	2.0	0.2	11.3	30.0	0.0	0.0	0.0
07	91.6	67.4	79.5	3.1	2.4	2.5	759.5	697.5	604.4	449.6	296.3	236.5	0.0	0.0	0.0	0.2	2.5	22.4	31.0	0.0	0.0	0.0
08	91.4	65.5	78.4	3.8	2.9	3.0	726.8	664.8	571.8	417.3	266.5	210.0	0.0	0.0	0.0	0.4	4.3	20.6	31.0	0.0	0.0	0.0
09	84.2	58.4	71.3	3.5	3.3	2.9	489.9	431.0	344.3	210.4	101.6	68.8	1.0	2.0	5.4	21.4	0.3	7.9	30.0	0.0	0.0	0.0
10	73.6	47.0	60.3	3.1	2.6	2.4	207.5	163.8	108.0	44.1	12.4	6.5	43.2	61.5	98.7	189.8	0.0	0.6	30.6	0.0	1.7	0.0
11	60.9	36.3	48.6	5.0	4.2	4.2	39.0	25.8	12.3	2.7	0.2	0.0	231.0	277.7	354.2	494.6	0.0	0.0	26.5	0.0	10.8	0.0
12	51.6	28.8	40.2	3.7	3.3	3.2	7.9	5.1	2.4	0.6	0.0	0.0	466.6	525.8	616.1	769.3	0.0	0.0	18.9	0.9	21.0	0.0
Summary	71.4	46.6	59.0	3.5	3.2	3.0	3438	3018	2433	1586	897	671	1935	2245	2755	3733	7.3	64.8	322.1	4.1	87.2	0.1

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	3.32	7.5	4.7	2.2	1.0	1.96	3.14	4.22
02	3.05	7.0	4.9	2.2	0.9	1.68	2.86	3.69
03	4.53	9.4	6.6	3.4	1.5	2.95	4.36	5.74
04	5.26	8.8	7.0	3.6	1.6	3.43	4.87	6.78
05	6.29	10.6	8.5	4.5	2.1	3.52	6.59	8.43
06	4.49	9.2	6.8	3.2	1.7	2.96	3.84	5.09
07	4.12	7.6	5.7	2.9	1.5	2.81	4.14	5.00
08	4.06	7.3	5.0	2.7	1.4	2.28	3.62	5.29
09	5.08	7.3	5.6	3.3	1.7	2.69	4.90	6.57
10	4.86	7.9	5.6	2.6	1.4	2.99	4.47	5.74
11	4.69	8.0	6.0	3.1	1.5	1.79	3.75	6.68
12	3.67	7.5	5.4	2.7	0.9	2.30	3.32	4.98
Summary	53.42	98.1	71.8	36.4	17.2	31.36	49.86	68.21

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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	1.80	0.4	0.3	0.2	0.1	0.0	1.2	0.4	0.2	0.0	0.00	0.00	1.00
02	0.70	0.4	0.4	0.2	0.0	0.0	0.9	0.3	0.0	0.0	0.00	0.00	0.00
03	0.50	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	0.10	0.4	0.2	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.00	0.00	0.00
Summary	3.1	1.4	1.1	0.6	0.1	0.0	3.0	1.0	0.2	0.0	0.0	0.0	1.0

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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	78.6	134.4	325.6	559.2	832.4	1060.4	1224.4	1191.8	938.9	630.7	283.9	107.6
45	34.2	67.3	202.7	413.4	677.4	910.4	1069.4	1036.8	788.9	478.6	172.7	49.4
50	12.9	28.8	108.7	277.4	522.7	760.4	914.4	881.8	639.0	334.5	90.7	20.9
55	3.7	10.1	50.4	161.7	371.2	610.4	759.5	726.8	489.9	207.5	39.0	7.9
60	0.6	2.8	17.6	75.8	232.7	460.6	604.4	571.8	344.3	108.0	12.3	2.4
Growing Degree Units for Corn (Monthly)												
50/86	67.8	106.5	221.5	359.0	541.7	721.5	819.1	784.1	619.8	406.9	184.5	78.7
Growing Degree Units (Accumulated Monthly)												
40	79	213	539	1098	1930	2991	4215	5407	6346	6976	7260	7368
45	34	102	304	718	1395	2305	3375	4412	5200	5679	5852	5901
50	13	42	150	428	950	1711	2625	3507	4146	4481	4571	4592
55	4	14	64	226	597	1208	1967	2694	3184	3391	3430	3438
60	1	3	21	97	330	790	1394	1966	2311	2419	2431	2433
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	68	174	396	755	1296	2018	2837	3621	4241	4648	4832	4911

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