

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4639 ft. Lat: 44.3544° N Lon: 106.6994° W
Station: **BUFFALO, WY US USC00481165**
Generated on 05/22/2024

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	36.0	10.7	23.4	4.7	3.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	981.3	1043.3	1136.2	1291.2	0.0	0.0	5.7	8.8	30.5	5.3
02	36.5	11.9	24.2	6.0	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	862.0	918.0	1002.2	1142.2	0.0	0.0	5.9	8.3	27.1	4.1
03	46.5	19.9	33.2	5.3	4.2	4.6	0.2	0.0	0.0	0.0	0.0	0.0	676.2	738.0	830.9	985.9	0.0	0.0	14.7	4.1	27.4	1.4
04	53.4	27.6	40.5	3.4	3.1	3.0	6.0	3.3	1.0	0.1	0.0	0.0	440.9	498.1	586.0	735.0	0.0	0.0	19.7	1.4	18.7	0.1
05	62.4	37.0	49.7	3.7	2.5	3.0	46.0	29.4	13.4	2.5	0.1	0.0	210.4	255.8	332.7	476.9	0.0	0.1	26.9	0.0	6.0	0.0
06	73.0	45.9	59.5	4.0	2.4	3.1	174.9	133.3	82.7	28.7	5.8	2.8	41.4	59.8	99.2	195.2	0.0	1.9	29.7	0.0	0.1	0.0
07	82.8	53.1	68.0	4.1	2.6	3.3	403.6	344.3	258.9	131.9	45.2	25.2	2.5	5.1	12.6	40.7	0.2	7.7	31.0	0.0	0.0	0.0
08	81.8	50.8	66.3	3.0	2.3	2.6	358.9	301.7	220.5	106.5	31.6	16.2	8.7	13.5	25.3	66.3	0.0	7.1	31.0	0.0	0.0	0.0
09	71.8	41.7	56.7	3.8	2.3	2.8	139.9	106.1	64.8	21.9	4.3	2.0	87.6	113.9	162.4	269.5	0.0	1.9	28.8	0.0	2.1	0.0
10	57.2	29.6	43.4	5.3	3.5	4.3	18.2	11.1	4.3	0.6	0.0	0.0	377.7	432.6	518.8	670.1	0.0	0.0	23.5	1.4	15.4	0.2
11	44.9	19.4	32.1	5.7	4.2	4.8	0.5	0.1	0.0	0.0	0.0	0.0	686.0	745.6	835.5	985.5	0.0	0.0	12.7	4.7	26.2	1.2
12	36.3	11.0	23.7	4.7	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	971.4	1033.4	1126.6	1281.6	0.0	0.0	5.3	9.6	30.4	4.2
Summary	56.9	29.9	43.4	4.5	3.4	3.8	1148	929	646	292	87	46	5346	5857	6668	8140	0.2	18.7	234.9	38.3	183.9	16.5

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	0.44	5.4	1.5	0.0	0.0	0.28	0.35	0.62	
02	0.53	6.7	1.8	0.0	0.0	0.28	0.50	0.70	
03	0.72	6.4	2.5	0.3	0.0	0.31	0.64	1.06	
04	1.49	8.4	4.2	0.8	0.2	0.82	1.21	1.77	
05	2.80	11.7	5.8	1.5	0.6	1.45	2.40	3.13	
06	2.16	10.0	5.1	1.1	0.3	1.09	1.69	2.95	
07	1.39	7.6	3.5	0.7	0.2	0.64	1.10	1.93	
08	0.75	5.9	2.1	0.3	0.0	0.36	0.51	0.87	
09	1.28	6.0	3.4	0.6	0.1	0.66	1.12	1.77	
10	1.25	7.1	3.5	0.6	0.1	0.60	1.17	1.45	
11	0.51	4.7	1.6	0.2	0.0	0.10	0.54	0.86	
12	0.43	4.8	1.2	0.1	0.0	0.17	0.27	0.60	
Summary	13.75	84.7	36.2	6.2	1.5	6.76	11.50	17.71	

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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	6.60	4.7	2.8	0.6	0.1	0.0	15.5	6.8	3.3	0.3	4.90	5.00	7.80
02	7.40	6.0	3.6	0.6	0.2	0.0	13.6	6.0	2.4	0.3	4.50	6.50	10.80
03	6.50	3.9	2.5	0.6	0.2	0.0	6.9	2.3	0.7	0.1	2.50	4.90	8.70
04	4.20	2.3	1.6	0.3	0.1	0.0	2.4	0.8	0.4	0.0	1.00	2.50	6.20
05	0.90	0.4	0.3	0.1	0.1	0.0	0.3	0.1	0.1	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	0.70	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
10	3.50	1.8	1.4	0.5	0.1	0.0	2.1	0.7	0.2	0.0	0.00	3.00	5.70
11	5.90	3.4	2.3	0.4	0.2	0.0	6.3	2.0	0.5	0.1	1.90	6.10	8.30
12	7.00	4.6	2.6	0.5	0.2	0.0	12.0	4.6	1.6	0.5	3.50	5.40	9.20
Summary	42.7	27.3	17.3	3.7	1.2	0.0	59.3	23.4	9.2	1.3	18.3	33.4	56.7

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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	4.3	8.0	45.8	118.7	320.1	584.2	865.8	815.0	508.2	189.7	45.0	5.3
45	0.4	1.8	15.0	54.9	199.6	436.7	711.0	660.6	369.3	104.2	16.0	0.8
50	0.0	0.1	3.2	20.2	107.0	296.7	556.4	507.6	243.5	48.4	3.6	0.1
55	0.0	0.0	0.2	6.0	46.0	174.9	403.6	358.9	139.9	18.2	0.5	0.0
60	0.0	0.0	0.0	1.0	13.4	82.7	258.9	220.5	64.8	4.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	8.3	12.0	58.8	104.8	207.3	355.7	545.7	517.9	335.9	154.3	49.6	10.3

Growing Degree Units (Accumulated Monthly)												
40	4	12	58	177	497	1081	1947	2762	3270	3460	3505	3510
45	0	2	17	72	272	708	1419	2080	2449	2554	2570	2570
50	0	0	3	24	130	427	984	1491	1735	1783	1787	1787
55	0	0	0	6	52	227	631	990	1130	1148	1148	1148
60	0	0	0	1	14	97	356	576	641	646	646	646
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	20	79	184	391	747	1293	1810	2146	2301	2350	2361

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

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