

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5700 ft. Lat: 43.0350° N Lon: 106.9883° W
Station: **POWDER RIVER #2, WY US USC00487376**

Generated on 06/04/2024

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	33.7	10.2	22.0	4.7	4.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1024.6	1086.6	1179.6	1334.6	0.0	0.0	2.5	12.5	30.3	5.9
02	36.7	13.4	25.0	5.3	6.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	838.1	894.0	978.0	1118.3	0.0	0.0	4.1	8.1	27.6	3.7
03	49.0	22.1	35.6	5.0	3.5	4.0	0.4	0.1	0.0	0.0	0.0	0.0	603.6	665.4	758.3	913.1	0.0	0.0	15.5	4.0	26.9	1.5
04	56.3	29.1	42.7	5.2	2.3	3.3	7.0	3.6	0.9	0.1	0.0	0.0	375.9	432.4	519.7	669.0	0.0	0.0	22.1	1.1	20.7	0.1
05	66.2	37.3	51.7	4.3	2.3	3.0	58.0	37.6	16.7	2.5	0.4	0.1	158.8	200.3	272.5	413.3	0.0	0.1	28.9	0.0	6.8	0.0
06	78.7	45.6	62.2	4.5	2.1	2.9	236.2	188.2	124.1	47.0	11.0	5.3	21.7	33.8	59.7	132.5	0.0	3.4	29.5	0.0	0.4	0.0
07	88.2	52.3	70.3	3.7	2.8	3.1	472.9	411.8	321.9	184.3	74.4	43.4	0.6	1.6	4.7	21.9	0.8	15.6	31.0	0.0	0.0	0.0
08	86.7	50.9	68.8	2.6	2.2	2.3	430.3	370.1	281.9	149.0	52.2	28.2	2.8	4.8	9.5	31.4	0.0	13.0	31.0	0.0	0.0	0.0
09	75.3	41.8	58.5	3.0	3.2	2.5	165.1	127.2	79.6	27.8	6.7	3.2	58.7	80.9	123.3	221.4	0.0	1.1	28.9	0.1	4.4	0.0
10	59.2	30.6	44.9	5.5	3.1	4.1	13.7	6.5	1.4	0.1	0.0	0.0	326.7	381.5	469.5	623.1	0.0	0.0	23.3	1.2	20.6	0.2
11	44.0	19.3	31.6	6.6	3.6	4.9	1.6	0.9	0.4	0.0	0.0	0.0	702.1	761.3	850.8	1000.5	0.0	0.0	10.2	6.6	27.2	2.4
12	32.2	10.8	21.5	5.6	4.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1037.9	1099.8	1192.8	1348.1	0.0	0.0	2.9	12.3	29.5	6.6
Summary	58.9	30.3	44.6	4.7	3.3	3.7	1385	1146	827	411	145	80	5152	5642	6418	7827	0.8	33.2	229.9	45.9	194.4	20.4

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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	1.8	4.8	68.3	154.1	374.4	664.5	937.2	892.4	559.6	213.5	48.8	3.5
45	0.0	0.8	24.3	74.7	241.5	515.5	782.3	737.5	415.3	116.9	18.0	0.4
50	0.0	0.0	5.1	26.9	133.0	370.5	627.4	583.0	280.1	50.5	5.4	0.0
55	0.0	0.0	0.4	7.0	58.0	236.2	472.9	430.3	165.1	13.7	1.6	0.0
60	0.0	0.0	0.0	0.9	16.7	124.1	321.9	281.9	79.6	1.4	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.1	5.4	69.4	129.2	258.4	429.6	584.0	566.8	387.2	176.2	48.2	2.8

Growing Degree Units (Accumulated Monthly)												
40	2	7	75	229	603	1268	2205	3098	3657	3871	3919	3923
45	0	1	25	100	341	857	1639	2377	2792	2909	2927	2927
50	0	0	5	32	165	536	1163	1746	2026	2076	2082	2082
55	0	0	0	7	65	302	774	1205	1370	1384	1385	1385
60	0	0	0	1	18	142	464	746	825	826	827	827
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	8	77	206	464	894	1478	2045	2432	2608	2656	2659

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.