

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 5722 ft. Lat: 43.0353° N Lon: 106.9894° W
Station: **POWDER RVR (SCHOOL), WY US USC00487375**

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	33.3	11.1	22.2	1.4	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1017.0	1079.0	1172.0	1326.9	0.0	0.0	0.6	11.9	30.9	4.5
02	36.1	11.7	23.9	5.5	6.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	870.1	926.0	1010.0	1150.4	0.0	0.0	2.3	12.5	27.0	7.1
03	46.4	22.2	34.3	4.3	5.2	4.6	1.1	0.6	0.2	0.0	0.0	0.0	643.3	704.9	797.5	952.0	0.0	0.0	13.8	3.0	27.7	1.0
04	54.3	28.1	41.2	3.8	3.3	3.1	4.7	2.1	0.3	0.0	0.0	0.0	418.4	475.8	564.0	713.8	0.0	0.0	20.2	1.6	22.5	0.2
05	65.0	36.2	50.6	4.8	2.1	3.1	54.4	36.5	17.3	3.1	0.4	0.0	191.0	235.1	308.9	449.6	0.0	0.0	26.1	0.2	9.5	0.0
06	77.1	43.7	60.4	4.9	2.6	3.4	188.7	144.0	89.6	31.3	6.0	2.4	26.8	42.1	77.6	169.3	0.0	4.5	29.8	0.0	0.7	0.0
07	87.1	51.4	69.3	2.9	2.6	2.6	442.5	381.5	292.3	155.2	51.4	27.2	1.2	2.3	6.2	23.9	0.1	13.1	31.0	0.0	0.0	0.0
08	85.1	49.9	67.5	2.8	1.9	2.1	392.0	333.1	247.4	120.7	35.6	17.0	4.7	7.9	15.3	43.4	0.1	10.6	31.0	0.0	0.1	0.0
09	74.6	40.5	57.5	3.2	2.7	2.5	150.2	110.9	63.9	19.6	3.2	1.3	74.2	95.0	137.9	243.3	0.0	2.3	28.9	0.1	3.5	0.0
10	58.4	28.4	43.4	5.0	3.7	3.9	17.5	9.9	3.6	0.3	0.0	0.0	376.8	431.1	517.8	669.7	0.0	0.0	23.6	1.3	19.8	0.7
11	44.5	20.1	32.3	5.7	5.8	5.4	0.6	0.1	0.0	0.0	0.0	0.0	681.9	741.4	831.3	981.2	0.0	0.0	12.1	5.2	27.7	2.0
12	33.8	10.0	21.9	3.7	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1025.1	1087.0	1180.0	1335.5	0.0	0.0	2.1	12.8	30.5	5.5
Summary	58.0	29.4	43.7	4.0	3.5	3.5	1252	1019	715	330	97	48	5330	5828	6618	8059	0.2	30.5	221.5	48.6	199.9	21.0

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	0.43							
02	0.51							
03	1.14							
04	1.41							
05	2.28							
06	1.45							
07	1.11							
08	0.82							
09	1.11							
10	1.38							
11	0.58							
12	0.77							
Summary	12.99	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	0.4	10.0	47.2	126.3	346.2	612.5	905.0	851.7	532.3	191.9	46.6	1.8
45	0.1	2.6	15.3	56.3	223.0	464.6	750.3	697.0	392.8	106.6	16.1	0.3
50	0.0	0.1	4.4	18.6	123.4	319.9	596.2	543.3	263.3	51.1	3.9	0.0
55	0.0	0.0	1.1	4.7	54.4	188.7	442.5	392.0	150.2	17.5	0.6	0.0
60	0.0	0.0	0.2	0.3	17.3	89.6	292.3	247.4	63.9	3.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	8.2	42.9	111.2	244.4	402.6	575.5	543.6	373.8	169.6	42.6	2.5

Growing Degree Units (Accumulated Monthly)												
40	0	10	58	184	530	1143	2048	2899	3432	3624	3670	3672
45	0	3	18	74	297	762	1512	2209	2602	2709	2725	2725
50	0	0	4	23	146	466	1063	1606	1869	1920	1924	1924
55	0	0	1	6	60	249	691	1083	1234	1251	1252	1252
60	0	0	0	0	18	107	400	647	711	715	715	715
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	8	51	163	407	810	1385	1929	2302	2472	2515	2517

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.