

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6635 ft. Lat: 41.8969° N Lon: 106.2061° W
Station: MEDICINE BOW, WY US USC00486120
Generated on 05/23/2024

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	31.3	10.3	20.8	4.5	5.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1060.1	1122.1	1215.1	1370.2	0.0	0.0	0.4	14.8	30.2	4.8
02	34.8	11.5	23.1	4.0	4.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	891.6	947.6	1031.7	1171.8	0.0	0.0	1.3	10.5	27.2	4.5
03	45.6	18.1	31.9	4.2	2.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	717.7	779.7	872.7	1027.7	0.0	0.0	11.2	4.4	29.2	1.4
04	55.1	25.0	40.0	4.0	2.5	2.9	1.0	0.3	0.0	0.0	0.0	0.0	449.5	508.7	598.4	748.5	0.0	0.0	20.5	1.1	23.4	0.0
05	64.8	33.3	49.1	4.0	1.9	2.8	23.4	12.6	3.8	0.3	0.0	0.0	207.8	259.0	343.2	494.7	0.0	0.0	28.5	0.1	11.0	0.0
06	77.4	42.6	60.0	4.0	1.8	2.6	176.5	132.0	76.2	18.7	1.6	0.3	26.6	42.1	76.2	168.8	0.0	0.9	29.9	0.0	0.8	0.0
07	85.3	48.3	66.8	2.9	2.4	2.4	366.3	305.4	216.2	87.2	17.7	7.5	0.7	1.8	5.6	31.5	0.0	6.1	31.0	0.0	0.3	0.0
08	83.0	45.9	64.4	2.4	1.8	1.9	297.1	238.5	154.5	48.2	7.1	2.6	4.3	7.6	16.6	65.3	0.0	2.3	31.0	0.0	0.2	0.0
09	73.6	36.3	55.0	3.1	2.6	2.4	80.2	52.6	24.3	4.1	0.1	0.0	81.8	114.2	175.8	305.6	0.0	0.2	29.2	0.1	8.5	0.0
10	59.1	26.7	42.9	4.3	3.3	3.5	4.5	2.1	0.5	0.0	0.0	0.0	379.6	439.2	530.6	685.1	0.0	0.0	24.4	1.0	20.7	0.0
11	42.8	17.6	30.2	5.8	4.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	743.9	803.9	893.9	1044.0	0.0	0.0	8.9	7.2	27.6	1.8
12	32.8	10.7	21.7	3.4	3.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1030.6	1092.6	1185.6	1340.7	0.0	0.0	1.0	14.4	30.2	5.3
Summary	57.1	27.2	42.2	3.9	3.1	3.2	949	744	476	158	26	10	5594	6118	6945	8454	0.0	9.5	217.3	53.6	209.3	17.8

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	0.41	6.2	1.1	0.0	0.0	0.20	0.40	0.57	
02	0.63	6.1	1.7	0.1	0.0	0.38	0.60	0.85	
03	0.72	5.8	1.7	0.2	0.0	0.32	0.61	0.99	
04	1.38	8.1	3.9	0.5	0.0	0.64	1.30	2.03	
05	1.74	9.8	4.2	0.9	0.2	1.02	1.57	2.40	
06	1.38	7.6	3.3	0.8	0.1	0.44	1.34	2.24	
07	1.11	7.0	2.8	0.4	0.1	0.48	0.89	1.42	
08	0.82	7.5	2.6	0.4	0.1	0.34	0.62	1.06	
09	0.96	6.8	2.8	0.2	0.0	0.40	0.85	1.39	
10	1.01	6.8	2.8	0.4	0.0	0.63	0.93	1.18	
11	0.55	6.2	1.8	0.1	0.0	0.31	0.50	0.71	
12	0.49	6.6	1.3	0.1	0.0	0.25	0.42	0.62	
Summary	11.20	84.5	30.0	4.1	0.5	5.41	10.03	15.46	

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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	6.50	5.2	2.8	0.6	0.2	0.0					3.90	5.50	9.50
02	7.90	5.8	2.5	0.8	0.4	0.0					4.30	8.70	10.00
03	7.60	4.3	2.0	0.9	0.4	0.0					1.20	5.00	12.00
04	7.30	3.5	2.6	0.8	0.2	0.0					2.20	6.00	12.70
05	2.40	1.0	0.8	0.3	0.1	0.0					0.00	2.00	4.00
06	0.00	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	1.20	0.4	0.4	0.1	0.0	0.0					0.00	0.00	1.00
10	5.50	2.0	1.5	0.5	0.2	0.0					0.90	3.00	8.20
11	6.50	4.5	2.2	0.8	0.3	0.0					3.10	6.00	8.50
12	6.80	5.3	2.7	0.6	0.1	0.0					4.00	5.00	7.70
Summary	51.7	32.0	17.5	5.4	1.9	0.0	0.0	0.0	0.0	0.0	19.6	41.2	73.6

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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	0.7	1.5	23.0	99.0	297.1	599.9	830.6	757.8	452.2	161.6	22.3	1.4
45	0.1	0.2	4.5	36.6	171.8	450.6	675.7	602.9	309.3	73.3	5.2	0.0
50	0.0	0.0	0.4	8.4	77.8	307.0	520.7	448.5	178.9	22.0	0.7	0.0
55	0.0	0.0	0.0	1.0	23.4	176.5	366.3	297.1	80.2	4.5	0.0	0.0
60	0.0	0.0	0.0	0.0	3.8	76.2	216.2	154.5	24.3	0.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	2.4	39.9	116.0	237.4	408.9	539.0	511.0	355.8	171.6	34.8	1.9

Growing Degree Units (Accumulated Monthly)												
40	1	2	25	124	421	1021	1852	2610	3062	3223	3246	3247
45	0	0	5	41	213	664	1340	1942	2252	2325	2330	2330
50	0	0	0	9	87	394	914	1363	1542	1564	1564	1564
55	0	0	0	1	24	201	567	864	945	949	949	949
60	0	0	0	0	4	80	296	451	475	476	476	476
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	43	159	396	805	1344	1855	2211	2382	2417	2419

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