

Summary of Monthly Normals
1991-2020

Generated on 05/14/2024

Current Location: Elev: 5558 ft. Lat: 44.4594° N Lon: 109.4164° W
Station: **WAPITI 1WSW, WY US USC00489467**

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	38.6	18.7	28.6	3.6	4.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	817.0	879.0	972.1	1127.0	0.0	0.0	4.7	8.5	27.3	4.2
02	39.2	17.4	28.3	5.6	6.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	747.3	803.3	887.2	1027.4	0.0	0.0	6.1	6.2	25.5	2.3
03	46.9	24.3	35.6	4.9	3.3	4.0	0.4	0.1	0.0	0.0	0.0	0.0	601.9	663.7	756.6	911.5	0.0	0.0	13.8	2.9	24.9	0.8
04	53.4	29.0	41.2	3.5	2.4	2.7	3.3	1.4	0.2	0.0	0.0	0.0	417.1	475.3	564.1	713.9	0.0	0.0	19.1	0.7	19.3	0.0
05	62.4	37.0	49.7	4.3	2.3	2.9	37.6	23.5	10.1	0.9	0.0	0.0	202.0	249.8	329.6	475.3	0.0	0.0	27.2	0.0	8.5	0.0
06	72.5	44.2	58.4	4.4	2.2	3.0	146.8	109.2	63.6	16.9	2.6	1.0	46.2	68.7	113.0	216.4	0.0	0.5	29.7	0.0	0.7	0.0
07	82.7	51.3	67.0	4.4	2.6	3.4	375.0	316.6	233.1	113.4	35.8	19.7	3.3	6.8	16.4	51.6	0.0	4.8	31.0	0.0	0.0	0.0
08	81.4	49.4	65.4	3.2	2.2	2.5	330.6	273.8	193.0	82.2	18.9	8.3	8.4	13.5	25.7	69.9	0.0	2.2	31.0	0.0	0.2	0.0
09	71.1	42.3	56.7	2.9	2.9	2.6	130.5	98.6	58.3	15.8	1.7	0.5	79.6	107.7	157.4	264.8	0.0	0.1	28.6	0.0	3.9	0.0
10	57.3	33.1	45.2	4.5	3.6	3.9	17.8	10.1	3.3	0.2	0.0	0.0	321.5	375.8	462.0	614.0	0.0	0.0	24.2	1.3	13.4	0.0
11	45.4	25.0	35.2	4.6	3.5	3.9	0.9	0.2	0.0	0.0	0.0	0.0	594.9	654.2	744.0	894.0	0.0	0.0	11.8	3.9	22.7	1.2
12	37.5	18.7	28.1	3.8	4.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	833.6	895.6	988.5	1143.7	0.0	0.0	3.7	9.2	27.5	2.9
Summary	57.4	32.5	44.9	4.1	3.3	3.5	1043	834	562	229	59	30	4673	5193	6017	7510	0.0	7.6	230.9	32.7	173.9	11.4

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	0.50	3.1	1.5	0.1	0.0	0.16	0.44	0.66
02	0.42	3.4	1.3	0.0	0.0	0.17	0.35	0.53
03	0.50	4.4	2.1	0.0	0.0	0.28	0.39	0.68
04	1.08	6.0	3.8	0.3	0.0	0.78	0.98	1.33
05	1.43	7.3	4.2	0.5	0.1	0.73	1.08	2.11
06	1.44	7.1	5.1	0.5	0.1	0.75	1.25	1.82
07	0.85	5.3	3.0	0.4	0.0	0.52	0.79	1.03
08	0.84	5.9	3.0	0.3	0.0	0.41	0.80	1.01
09	1.11	4.2	2.4	0.3	0.0	0.33	0.75	1.83
10	0.94	4.6	3.1	0.3	0.0	0.55	0.87	1.19
11	0.62	4.1	1.9	0.3	0.0	0.27	0.58	0.97
12	0.61	3.8	2.0	0.3	0.0	0.23	0.43	0.58
Summary	10.34	59.2	33.4	3.3	0.2	5.18	8.71	13.74

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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	5.70	2.4	1.9	0.7	0.3	0.1	8.7	4.1	2.9	1.9	0.70	4.30	7.60
02	3.90	2.5	1.9	0.6	0.3	0.1	6.0	2.1	0.6	0.1	1.00	3.70	6.00
03	4.30	2.4	1.8	0.5	0.1	0.0	3.6	1.6	0.2	0.0	1.40	3.00	6.00
04	4.40	1.8	1.7	0.4	0.1	0.0	1.9	0.5	0.2	0.0	1.00	3.00	5.60
05	0.70	0.3	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	1.00
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	0.20	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
10	3.60	1.4	1.4	0.5	0.1	0.0	1.8	0.8	0.3	0.0	0.00	1.00	6.60
11	4.10	2.1	1.9	0.5	0.1	0.0	4.4	2.1	0.4	0.0	1.00	3.00	6.00
12	3.70	3.0	2.4	1.0	0.6	0.2	8.3	4.0	2.2	1.4	2.00	3.00	6.00
Summary	30.6	16.0	13.4	4.3	1.6	0.4	35.2	15.3	6.8	3.4	7.1	21.0	44.8

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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	17.3	11.7	60.2	120.3	315.9	551.0	836.3	787.2	505.1	220.5	69.3	13.4
45	4.1	2.4	18.2	51.1	190.0	403.1	681.6	632.7	363.4	121.8	28.0	1.9
50	0.3	0.1	3.1	16.0	95.2	264.0	527.0	479.4	235.7	55.8	7.6	0.0
55	0.0	0.0	0.4	3.3	37.6	146.8	375.0	330.6	130.5	17.8	0.9	0.0
60	0.0	0.0	0.0	0.2	10.1	63.6	233.1	193.0	58.3	3.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.6	10.8	46.6	95.8	202.8	342.9	529.6	500.4	324.1	149.5	45.0	6.7
Growing Degree Units (Accumulated Monthly)												
40	17	29	89	210	525	1076	1913	2700	3205	3426	3495	3508
45	4	6	25	76	266	669	1350	1983	2347	2468	2496	2498
50	0	0	4	20	115	379	906	1385	1621	1677	1684	1684
55	0	0	0	4	41	188	563	894	1024	1042	1043	1043
60	0	0	0	0	10	74	307	500	558	562	562	562
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	22	69	165	368	710	1240	1740	2065	2214	2259	2266

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