

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 4160 ft. Lat: 44.8500° N Lon: 106.2889° W

Station: LEITER 9N, WY US USC00485506

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	34.7	13.7	24.2	5.0	4.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	954.8	1016.8	1109.8	1264.8	0.0	0.0	2.2	10.3	30.0	5.3
02	37.4	15.7	26.6	6.9	6.9	6.8	0.1	0.0	0.0	0.0	0.0	0.0	796.4	852.4	936.4	1076.3	0.0	0.0	5.3	8.8	26.5	3.8
03	49.1	24.4	36.8	5.7	4.0	4.8	1.4	0.4	0.0	0.0	0.0	0.0	567.3	628.4	720.9	875.9	0.0	0.0	16.4	3.4	24.8	1.1
04	57.3	31.9	44.6	3.6	2.6	2.9	12.9	7.2	2.6	0.3	0.0	0.0	324.8	379.2	464.5	612.2	0.0	0.0	22.2	1.1	15.0	0.0
05	66.8	41.1	54.0	4.2	2.0	3.0	89.2	63.2	34.0	7.8	1.1	0.3	121.7	157.8	221.6	350.4	0.0	0.2	29.0	0.0	4.1	0.0
06	78.1	50.0	64.0	4.0	2.3	3.0	285.4	234.1	164.5	76.9	26.6	15.7	13.9	22.6	43.0	105.4	0.4	4.0	29.8	0.0	0.0	0.0
07	88.7	57.4	73.0	4.9	2.8	3.8	559.5	497.9	407.2	264.0	139.6	99.2	0.2	0.6	2.8	14.6	2.8	15.5	31.0	0.0	0.0	0.0
08	87.5	56.0	71.7	3.2	2.4	2.7	521.6	461.2	372.3	232.1	114.8	77.7	2.5	4.1	8.1	23.0	1.3	15.1	31.0	0.0	0.0	0.0
09	76.6	46.3	61.5	3.4	2.6	2.8	236.7	192.9	134.6	62.4	20.5	11.5	43.4	59.6	91.2	169.1	0.1	4.3	29.2	0.0	1.2	0.0
10	59.8	34.1	47.0	5.0	3.4	4.0	34.6	22.9	11.0	2.5	0.2	0.0	284.1	334.4	415.5	562.0	0.0	0.1	25.1	1.1	11.1	0.1
11	45.6	22.8	34.2	5.9	4.2	4.9	1.0	0.3	0.0	0.0	0.0	0.0	625.0	684.3	774.0	924.0	0.0	0.0	12.4	4.5	24.8	1.2
12	35.1	14.1	24.6	5.1	5.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	942.1	1004.1	1097.2	1252.1	0.0	0.0	3.0	10.6	30.0	3.6
Summary	59.7	34.0	46.9	4.7	3.6	4.0	1742	1480	1126	646	303	204	4676	5144	5885	7230	4.6	39.2	236.6	39.8	167.5	15.1

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	0.55	7.2	1.9	0.0	0.0	0.26	0.52	0.72
02	0.50	6.4	1.9	0.1	0.0	0.31	0.43	0.57
03	1.04	8.2	3.3	0.5	0.1	0.48	0.83	1.51
04	1.82	9.2	5.1	1.0	0.1	1.06	1.57	2.38
05	2.71	9.8	5.5	1.7	0.4	1.02	2.18	3.94
06	2.31	8.6	5.4	1.1	0.5	1.32	2.41	2.79
07	1.72	7.0	4.2	1.1	0.4	0.78	1.42	2.63
08	0.80	4.5	2.5	0.5	0.1	0.26	0.70	1.16
09	1.28	5.4	3.5	0.6	0.2	0.72	1.08	1.55
10	1.59	8.0	4.4	0.8	0.2	0.84	1.26	1.87
11	0.65	6.2	2.0	0.2	0.0	0.37	0.58	0.96
12	0.58	6.4	1.8	0.1	0.0	0.30	0.57	0.84
Summary	15.55	86.9	41.5	7.7	2.0	7.72	13.55	20.92

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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	9.10	6.9	3.6	0.9	0.3	0.0	21.9	14.0	7.8	0.9	5.90	7.00	12.20
02	7.70	5.9	2.8	0.7	0.1	0.0	14.5	9.3	5.7	0.1	5.30	7.20	8.60
03	8.60	5.9	3.3	0.9	0.2	0.1	6.6	3.5	1.5	0.3	5.30	6.80	8.70
04	7.70	3.2	2.1	1.1	0.4	0.1	2.3	1.5	1.0	0.4	2.10	5.60	12.90
05	1.20	0.5	0.3	0.2	0.2	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.30
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	0.40	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
10	4.20	2.2	1.5	0.5	0.2	0.1	1.6	0.7	0.4	0.0	0.10	2.40	7.30
11	6.40	4.8	3.2	0.5	0.0	0.0	8.1	3.9	1.0	0.0	2.60	6.50	9.00
12	8.10	6.1	3.0	0.7	0.1	0.0	16.2	8.5	4.2	0.4	4.70	7.80	11.00
Summary	53.4	35.7	20.0	5.5	1.5	0.3	71.6	41.5	21.6	2.1	26.0	43.3	70.0

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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	4.1	14.1	82.3	193.2	437.9	721.6	1023.8	983.8	645.5	266.2	59.5	4.8
45	0.4	3.7	31.8	101.5	296.8	572.2	868.9	829.0	500.5	159.0	23.8	0.7
50	0.0	0.8	8.9	42.7	177.1	424.9	714.3	674.7	361.3	81.1	6.7	0.0
55	0.0	0.1	1.4	12.9	89.2	285.4	559.5	521.6	236.7	34.6	1.0	0.0
60	0.0	0.0	0.0	2.6	34.0	164.5	407.2	372.3	134.6	11.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.2	14.8	73.2	142.8	269.3	442.2	642.7	621.2	410.0	184.1	50.0	5.9

Growing Degree Units (Accumulated Monthly)												
40	4	18	100	294	732	1453	2477	3461	4106	4372	4432	4437
45	0	4	36	137	434	1006	1875	2704	3205	3364	3388	3388
50	0	1	10	52	230	654	1369	2043	2405	2486	2492	2492
55	0	0	2	14	104	389	948	1470	1707	1741	1742	1742
60	0	0	0	3	37	201	608	981	1115	1126	1126	1126
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	19	92	235	504	946	1589	2210	2620	2804	2854	2860

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

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