

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4250 ft. Lat: 42.2058° N Lon: 104.5561° W
Station: OLD FT LARAMIE, WY US USC00486852
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	43.0	15.3	29.1	3.7	3.2	3.2	0.1	0.0	0.0	0.0	0.0	0.0	801.5	863.4	956.4	1111.4	0.0	0.0	8.6	6.5	30.1	4.8
02	45.0	17.1	31.0	5.8	4.6	5.1	0.2	0.0	0.0	0.0	0.0	0.0	670.6	726.4	810.4	950.4	0.0	0.0	10.1	6.0	27.0	3.8
03	54.8	23.5	39.1	4.5	2.8	3.4	3.2	1.4	0.3	0.0	0.0	0.0	494.6	554.9	646.7	801.4	0.0	0.0	20.4	2.0	27.9	0.7
04	61.9	30.1	46.0	3.9	2.6	2.7	15.1	8.1	2.9	0.3	0.0	0.0	285.0	338.0	422.8	570.2	0.0	0.0	23.7	0.7	21.1	0.0
05	71.0	40.6	55.8	4.4	2.0	2.7	120.1	88.5	51.0	14.9	2.2	0.9	95.4	125.7	181.2	300.1	0.0	0.7	29.2	0.0	6.6	0.0
06	82.8	50.0	66.4	4.0	2.1	2.7	348.4	293.5	215.7	106.3	36.8	20.1	6.4	11.6	23.7	64.4	0.5	6.8	29.9	0.0	0.4	0.0
07	91.0	56.5	73.8	3.6	2.2	2.8	581.2	519.3	427.2	277.4	142.6	97.5	0.1	0.3	1.1	6.3	2.2	17.3	31.0	0.0	0.0	0.0
08	89.2	54.1	71.6	3.0	2.0	2.3	517.6	456.6	366.3	222.4	98.3	61.1	1.5	2.6	5.3	16.4	0.7	14.5	31.0	0.0	0.1	0.0
09	79.8	43.8	61.8	3.2	2.5	2.5	237.4	191.9	130.9	54.3	14.5	7.2	33.5	48.0	77.0	150.4	0.2	5.1	29.4	0.0	4.4	0.0
10	65.2	31.1	48.2	4.5	3.1	3.2	31.4	18.5	6.9	0.4	0.0	0.0	243.7	292.7	374.2	522.7	0.0	0.1	26.4	0.8	20.9	0.2
11	52.0	22.1	37.0	5.3	3.4	4.0	2.4	1.2	0.3	0.0	0.0	0.0	540.9	599.7	688.8	838.5	0.0	0.0	16.4	3.1	27.9	1.5
12	42.6	15.4	29.0	3.3	4.1	3.4	0.2	0.1	0.0	0.0	0.0	0.0	805.9	867.8	960.8	1115.8	0.0	0.0	8.4	7.6	29.7	4.9
Summary	64.9	33.3	49.1	4.1	2.9	3.2	1857	1579	1202	676	294	187	3979	4431	5148	6448	3.6	44.5	264.5	26.7	196.1	15.9

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	0.24	3.5	0.9	0.0	0.0	0.14	0.21	0.33	
02	0.53	4.6	1.7	0.1	0.0	0.19	0.42	0.85	
03	0.80	4.9	2.1	0.4	0.0	0.17	0.56	1.14	
04	1.71	7.3	4.3	0.9	0.3	0.95	1.77	2.44	
05	2.93	9.8	6.1	1.7	0.6	1.62	2.40	4.19	
06	2.19	7.7	4.8	1.5	0.3	0.89	1.65	3.20	
07	1.78	6.8	4.3	1.0	0.3	0.86	1.32	2.54	
08	1.36	5.7	3.3	0.8	0.2	0.60	1.05	1.83	
09	1.39	5.5	3.4	0.7	0.2	0.46	1.23	1.98	
10	1.13	5.5	3.0	0.6	0.1	0.53	0.96	1.31	
11	0.46	4.0	1.9	0.1	0.0	0.24	0.37	0.60	
12	0.42	4.2	1.6	0.1	0.0	0.15	0.35	0.62	
Summary	14.94	69.5	37.4	7.9	2.0	6.80	12.29	21.03	

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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	2.20	1.9	1.2	0.2	0.1	0.0	4.5	1.9	0.9	0.1	0.50	2.00	3.60
02	6.30	2.8	2.1	0.6	0.2	0.1	5.4	2.8	1.5	0.6	0.60	4.10	7.00
03	3.10	1.7	1.4	0.3	0.0	0.0	3.3	1.5	0.6	0.0	0.70	3.50	5.30
04	3.50	1.6	1.3	0.5	0.1	0.0	1.8	0.9	0.4	0.1	0.00	3.00	4.50
05	0.60	0.3	0.3	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.40	1.1	0.8	0.3	0.1	0.0	1.3	0.6	0.3	0.1	0.00	0.30	2.00
11	3.20	1.8	1.2	0.2	0.1	0.0	2.9	1.1	0.4	0.0	0.70	1.70	4.80
12	6.20	2.9	1.9	0.6	0.3	0.0	5.9	3.0	1.3	0.0	1.90	5.60	9.20
Summary	27.5	14.1	10.2	2.8	1.0	0.1	25.4	11.9	5.4	0.9	4.4	20.2	36.4

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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	20.4	32.6	106.8	221.7	493.1	792.0	1046.0	981.0	655.0	287.9	85.9	23.0
45	5.6	11.1	45.8	120.1	349.0	642.0	891.0	826.0	508.3	172.2	36.1	7.3
50	1.1	2.5	14.6	50.2	221.3	493.4	736.1	671.3	366.5	84.2	11.2	1.8
55	0.1	0.2	3.2	15.1	120.1	348.4	581.2	517.6	237.4	31.4	2.4	0.2
60	0.0	0.0	0.3	2.9	51.0	215.7	427.2	366.3	130.9	6.9	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	30.0	43.0	126.2	197.9	328.8	491.2	643.0	608.6	434.7	249.8	98.9	30.7

Growing Degree Units (Accumulated Monthly)												
40	20	53	160	382	875	1667	2713	3694	4349	4636	4722	4745
45	6	17	62	183	532	1174	2065	2891	3399	3571	3607	3614
50	1	4	18	68	290	783	1519	2190	2557	2641	2652	2654
55	0	0	4	19	139	487	1068	1586	1823	1855	1857	1857
60	0	0	0	3	54	270	697	1063	1194	1201	1202	1202
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	73	199	397	726	1217	1860	2469	2903	3153	3252	3283

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