

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 7140 ft. Lat: 41.3400° N Lon: 105.6064° W

Station: LARAMIE 2 NW, WY US USC00485435

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	33.6	8.2	20.9	4.1	5.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1057.1	1119.1	1212.1	1367.1	0.0	0.0	1.8	12.9	30.4	7.7
02	36.1	10.7	23.4	3.6	4.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	884.7	940.7	1024.7	1164.7	0.0	0.0	2.8	8.9	27.5	5.2
03	45.0	18.1	31.6	3.9	3.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	727.0	789.0	882.0	1037.0	0.0	0.0	12.6	4.3	29.1	1.6
04	51.2	24.1	37.7	3.6	2.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	520.8	580.5	670.5	820.5	0.0	0.0	18.0	1.5	25.7	0.5
05	61.6	33.3	47.4	3.7	1.7	2.4	16.0	8.4	2.4	0.1	0.0	0.0	250.1	304.4	391.5	544.1	0.0	0.0	27.6	0.1	12.0	0.0
06	73.0	41.6	57.3	4.1	1.9	2.7	117.3	80.2	38.6	5.5	0.2	0.0	48.3	71.2	119.6	236.6	0.0	0.4	29.8	0.0	1.8	0.0
07	80.7	46.8	63.7	2.8	2.4	2.2	273.2	213.8	130.5	31.7	2.3	0.3	2.1	4.6	14.4	70.6	0.0	2.5	31.0	0.0	0.1	0.0
08	78.8	43.8	61.3	2.5	2.3	2.2	203.8	149.3	80.2	15.4	1.1	0.3	8.6	16.1	40.0	130.1	0.0	1.0	31.0	0.0	0.3	0.0
09	70.5	35.1	52.8	3.3	3.3	2.8	49.4	28.0	9.4	0.7	0.0	0.0	115.4	154.0	225.4	366.7	0.0	0.2	29.0	0.0	8.6	0.0
10	56.5	25.7	41.1	4.0	3.3	3.0	1.7	0.4	0.1	0.0	0.0	0.0	432.6	493.3	586.0	740.9	0.0	0.0	23.7	1.3	23.1	0.5
11	43.0	16.8	29.9	5.6	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	753.0	813.0	903.0	1053.0	0.0	0.0	10.3	6.1	28.1	3.0
12	33.0	7.7	20.3	3.3	3.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1074.0	1136.0	1229.0	1384.0	0.0	0.0	2.3	13.3	30.3	8.3
Summary	55.2	26.0	40.6	3.7	3.3	3.2	662	480	261	53	4	1	5874	6422	7298	8915	0.0	4.1	219.9	48.4	217.0	26.8

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	0.31	5.3	0.9	0.0	0.0	0.14	0.30	0.39	
02	0.35	6.1	1.0	0.0	0.0	0.18	0.30	0.43	
03	0.60	6.9	2.0	0.1	0.0	0.33	0.54	0.77	
04	1.16	9.7	3.8	0.3	0.0	0.77	1.23	1.44	
05	1.81	11.4	5.3	0.6	0.1	1.01	1.69	2.39	
06	1.44	8.5	3.7	0.5	0.2	0.61	1.09	2.20	
07	1.41	9.3	4.1	0.7	0.1	0.77	1.26	1.70	
08	1.02	8.8	3.1	0.2	0.0	0.72	0.90	1.44	
09	1.03	7.6	3.0	0.3	0.1	0.46	0.67	1.07	
10	0.95	7.3	2.4	0.3	0.0	0.41	0.79	1.36	
11	0.45	6.0	1.4	0.0	0.0	0.18	0.40	0.61	
12	0.39	5.4	1.1	0.0	0.0	0.23	0.33	0.54	
Summary	10.92	92.3	31.8	3.0	0.5	5.81	9.50	14.34	

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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	1.3	2.9	22.2	66.5	256.2	519.4	736.0	660.2	392.3	132.1	24.8	2.2
45	0.2	0.5	4.9	20.6	140.6	372.0	580.8	505.2	255.0	54.7	5.6	0.3
50	0.0	0.0	0.6	3.9	58.4	234.0	426.3	351.4	135.1	14.3	0.6	0.0
55	0.0	0.0	0.0	0.4	16.0	117.3	273.2	203.8	49.4	1.7	0.0	0.0
60	0.0	0.0	0.0	0.0	2.4	38.6	130.5	80.2	9.4	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	4.7	35.2	79.5	196.3	346.5	479.4	448.3	311.4	141.9	35.2	2.6

Growing Degree Units (Accumulated Monthly)												
40	1	4	26	93	349	868	1604	2265	2657	2789	2814	2816
45	0	1	6	26	167	539	1120	1625	1880	1934	1940	1940
50	0	0	1	4	63	297	723	1075	1210	1224	1225	1225
55	0	0	0	0	16	134	407	611	660	662	662	662
60	0	0	0	0	2	41	172	252	261	261	261	261
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	6	41	121	317	664	1143	1591	1903	2045	2080	2082

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