

Summary of Monthly Normals
1981-2010

Current Location: Elev: 7266 ft. Lat: 41.3167° N Lon: 105.6833° W
Station: LARAMIE AIRPORT, WY US USW00024022

Generated on 04/25/2024

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	33.3	10.1	21.7	5.0	5.4	5.1	0	0	0	0	0	0	1032	1094	1187	1342	0.0	0.0	1.6	13.3	30.5	6.5
02	35.2	11.9	23.5	5.0	4.6	4.6	0	0	0	0	0	0	880	936	1020	1161	0.0	0.0	2.4	10.1	27.3	4.7
03	43.0	18.7	30.9	4.5	2.7	3.4	-7777	0	0	0	0	0	749	811	904	1059	0.0	0.0	9.0	5.5	29.4	1.5
04	51.1	24.6	37.9	4.8	2.8	3.7	-7777	-7777	-7777	0	0	0	515	575	664	814	0.0	0.0	16.4	1.9	24.7	0.3
05	61.5	33.7	47.6	3.5	1.9	2.5	16	8	2	-7777	-7777	0	245	299	387	540	0.0	0.0	26.4	-7777	12.0	0.0
06	72.5	41.9	57.2	4.1	1.9	2.8	119	83	42	7	-7777	-7777	53	77	126	241	0.0	0.2	29.6	0.0	1.3	0.0
07	80.1	48.0	64.0	3.1	1.9	2.3	283	224	142	40	3	-7777	3	6	17	69	0.0	1.2	31.0	0.0	-7777	0.0
08	77.9	46.7	62.3	2.1	2.0	1.8	232	175	98	19	1	-7777	6	11	27	103	0.0	0.1	31.0	0.0	0.1	0.0
09	68.6	37.9	53.3	3.2	2.4	2.5	60	35	13	1	0	0	113	148	215	353	0.0	0.0	28.3	-7777	5.5	-7777
10	55.7	28.0	41.8	3.9	2.3	2.9	2	1	-7777	0	0	0	410	470	563	718	0.0	0.0	22.6	1.1	20.5	0.4
11	41.3	17.4	29.3	5.4	4.4	4.8	-7777	0	0	0	0	0	769	829	919	1069	0.0	0.0	8.3	7.8	27.6	2.6
12	32.2	10.0	21.1	4.0	3.8	3.8	0	0	0	0	0	0	1051	1113	1206	1361	0.0	0.0	1.2	14.0	30.5	5.9
Summary	54.4	27.4	40.9	4.0	3.0	3.3	712	526	297	67	4	0	5826	6369	7235	8830	0.0	1.5	207.8	53.7	209.4	21.9

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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	0.27	4.6	0.9	-7777	0.0	0.06	0.24	0.39	
02	0.34	5.1	0.8	0.1	0.0	0.09	0.19	0.39	
03	0.58	6.0	2.0	0.1	0.0	0.30	0.36	0.80	
04	1.07	7.8	3.3	0.3	-7777	0.72	1.00	1.35	
05	1.69	10.5	4.6	0.7	0.1	0.86	1.37	2.12	
06	1.54	8.5	4.0	0.7	0.2	0.60	1.00	2.36	
07	1.43	9.2	4.0	0.7	0.1	0.77	1.02	1.85	
08	1.23	9.7	3.9	0.3	0.1	0.91	1.18	1.57	
09	1.11	7.1	3.0	0.5	-7777	0.44	0.96	1.64	
10	0.80	6.4	2.6	0.3	-7777	0.35	0.61	1.24	
11	0.54	5.7	1.9	0.1	0.0	0.16	0.37	0.83	
12	0.32	5.1	1.1	0.0	0.0	0.11	0.24	0.46	
Summary	10.92	85.7	32.1	3.8	0.5	5.37	8.54	15.00	

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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	4.6	5.2	1.5	0.2	-7777	0.0	16.7	8.1	3.1	0.1	2.0	4.1	5.9
02	5.9	5.5	1.8	0.5	0.2	-7777	13.1	5.9	2.1	0.8	3.1	3.7	5.9
03	8.4	6.1	2.5	0.7	0.3	-7777	9.6	3.9	1.8	0.5	3.4	5.0	13.1
04	8.3	5.6	2.4	0.9	0.4	-7777	4.7	1.7	0.8	-7777	4.9	8.0	9.9
05	3.5	2.3	1.1	0.3	0.2	0.0	0.9	0.3	0.2	0.0	0.4	2.3	6.1
06	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.8	0.6	0.4	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	1.4
10	3.3	2.6	1.3	0.3	0.1	0.0	2.1	0.6	0.1	0.0	1.0	2.7	5.6
11	7.7	6.0	2.5	0.7	0.2	0.0	10.5	4.7	1.9	0.1	3.0	5.4	10.7
12	7.0	5.5	2.0	0.5	0.3	0.1	16.8	9.8	4.6	0.6	1.5	4.6	8.4
Summary	49.7	39.6	15.6	4.2	1.7	0.1	74.8	35.1	14.6	2.1	19.3	35.8	67.0

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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	2	3	22	78	258	516	745	691	405	143	26	2
45	-7777	-7777	5	28	143	369	590	536	269	61	7	-7777
50	0	0	1	6	60	233	436	382	150	17	1	0
55	0	0	-7777	-7777	16	119	283	232	60	2	-7777	0
60	0	0	0	-7777	2	42	142	98	13	-7777	0	0
Growing Degree Units for Corn (Monthly)												
50/86	2	4	29	82	192	339	474	440	284	128	29	2
Growing Degree Units (Accumulated Monthly)												
40	2	5	27	105	363	879	1624	2315	2720	2863	2889	2891
45	0	0	5	33	176	545	1135	1671	1940	2001	2008	2008
50	0	0	1	7	67	300	736	1118	1268	1285	1286	1286
55	0	0	0	0	16	135	418	650	710	712	712	712
60	0	0	0	0	2	44	186	284	297	297	297	297
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	6	35	117	309	648	1122	1562	1846	1974	2003	2005

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