

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3847 ft. Lat: 44.8378° N Lon: 108.4039° W

Station: **LOVELL, WY US USC00485770**

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	31.0	7.3	19.2	5.8	6.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1111.2	1173.2	1266.3	1421.3	0.0	0.0	1.0	15.0	30.9	7.8
02	36.1	12.1	24.1	7.7	7.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	865.0	921.0	1005.1	1145.1	0.0	0.0	4.0	9.8	27.5	5.0
03	49.5	22.8	36.1	5.7	3.6	4.5	0.9	0.2	0.0	0.0	0.0	0.0	585.4	646.8	739.5	894.5	0.0	0.0	17.0	3.1	26.8	1.1
04	58.0	31.3	44.7	3.5	2.5	2.8	11.3	5.9	2.4	0.2	0.0	0.0	321.8	376.4	462.8	610.6	0.0	0.0	22.8	0.5	16.8	0.0
05	67.0	41.8	54.4	3.9	2.1	2.7	96.5	69.6	38.5	9.6	1.5	0.7	115.2	150.2	212.2	338.2	0.0	0.2	29.3	0.0	3.3	0.0
06	77.6	50.2	63.9	4.1	2.2	2.9	280.5	228.8	159.1	70.0	20.5	10.7	13.5	21.8	42.1	103.0	0.0	3.0	29.8	0.0	0.0	0.0
07	86.5	55.6	71.1	4.1	2.5	3.1	497.9	436.6	345.7	203.8	87.1	52.4	0.5	1.2	3.3	16.5	0.3	11.5	31.0	0.0	0.0	0.0
08	84.7	52.4	68.5	2.9	2.1	2.3	423.2	363.4	276.1	144.8	47.9	24.5	3.3	5.4	11.1	34.9	0.1	8.3	31.0	0.0	0.0	0.0
09	74.2	43.1	58.6	3.5	2.6	2.6	163.9	125.3	76.8	24.2	3.5	1.0	54.5	75.9	117.3	214.8	0.0	1.7	29.4	0.0	1.6	0.0
10	58.8	31.6	45.2	4.5	3.1	3.6	17.0	10.3	4.1	0.4	0.0	0.0	320.8	376.1	462.8	614.2	0.0	0.0	24.7	0.9	16.5	0.1
11	44.3	20.0	32.1	5.5	4.4	4.8	0.1	0.0	0.0	0.0	0.0	0.0	685.6	745.5	835.5	985.5	0.0	0.0	10.0	4.8	28.0	1.8
12	32.6	9.8	21.2	4.6	4.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	1047.5	1109.5	1202.6	1357.6	0.0	0.0	1.8	14.2	30.8	5.2
Summary	58.4	31.5	44.9	4.6	3.5	3.9	1491	1240	903	453	160	89	5124	5603	6361	7736	0.4	24.7	231.8	48.3	182.2	21.0

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	0.19	2.2	0.8	0.0	0.0	0.06	0.11	0.30	
02	0.27	2.6	1.0	0.0	0.0	0.06	0.16	0.37	
03	0.23	2.7	0.8	0.0	0.0	0.06	0.13	0.36	
04	0.67	5.0	2.0	0.2	0.1	0.22	0.53	0.94	
05	1.12	6.8	3.4	0.5	0.0	0.60	1.07	1.37	
06	1.19	6.8	3.2	0.5	0.0	0.38	0.79	1.92	
07	0.56	3.7	1.6	0.2	0.0	0.12	0.32	0.77	
08	0.29	3.2	0.9	0.1	0.0	0.05	0.14	0.43	
09	0.79	4.1	1.8	0.5	0.2	0.09	0.47	1.22	
10	0.74	3.8	2.2	0.3	0.1	0.30	0.54	1.06	
11	0.20	2.4	0.8	0.0	0.0	0.08	0.20	0.30	
12	0.20	2.1	0.9	0.0	0.0	0.07	0.16	0.31	
Summary	6.45	45.4	19.4	2.3	0.4	2.09	4.62	9.35	

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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	3.50	1.4	1.2	0.4	0.1	0.0	5.7	2.9	1.5	0.5	0.00	3.00	6.70
02	2.80	1.7	1.2	0.3	0.1	0.0	4.7	3.1	1.7	0.0	0.00	0.00	3.20
03	1.20	0.7	0.5	0.1	0.0	0.0	1.5	0.7	0.5	0.0	0.00	0.00	1.00
04	0.70	0.3	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	1.00
05	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.10	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	0.80	0.3	0.3	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.00
11	1.50	0.8	0.5	0.2	0.0	0.0	1.7	0.5	0.1	0.0	0.00	0.00	1.80
12	2.60	1.0	0.9	0.2	0.1	0.0	3.4	1.8	0.7	0.2	0.00	1.00	3.00
Summary	13.3	6.2	4.9	1.4	0.3	0.0	17.6	9.2	4.6	0.7	0.0	4.0	16.7

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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	0.3	7.9	65.4	186.7	450.2	717.0	961.8	884.6	560.8	213.0	34.7	2.4
45	0.0	1.6	22.9	95.7	307.6	567.6	807.0	729.8	415.5	111.5	9.4	0.4
50	0.0	0.2	5.7	37.9	185.4	420.2	652.4	575.6	279.9	48.5	1.5	0.0
55	0.0	0.0	0.9	11.3	96.5	280.5	497.9	423.2	163.9	17.0	0.1	0.0
60	0.0	0.0	0.0	2.4	38.5	159.1	345.7	276.1	76.8	4.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.0	11.2	73.0	145.0	272.7	438.1	608.0	558.5	364.9	165.3	37.9	3.1

Growing Degree Units (Accumulated Monthly)												
40	0	8	74	260	710	1428	2389	3274	3835	4048	4082	4085
45	0	2	24	120	428	995	1802	2532	2948	3059	3069	3069
50	0	0	6	44	229	649	1302	1877	2157	2206	2207	2207
55	0	0	1	12	109	389	887	1310	1474	1491	1491	1491
60	0	0	0	2	41	200	546	822	899	903	903	903
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	12	85	230	503	941	1549	2108	2472	2638	2676	2679

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

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