

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 6937 ft. Lat: 41.8181° N Lon: 110.5333° W
Station: KEMMERER 2N, WY US USC00485105

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	2.2	16.6	4.0	4.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1190.4	1252.4	1345.4	1500.4	0.0	0.0	0.0	19.1	31.0	12.8
02	33.6	3.3	18.5	4.3	5.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	1023.2	1079.3	1163.3	1303.3	0.0	0.0	0.4	14.6	27.9	10.3
03	42.5	13.2	27.8	3.6	4.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	841.7	903.7	996.7	1151.7	0.0	0.0	5.7	6.3	30.8	3.8
04	52.2	21.4	36.8	3.8	2.8	3.1	0.1	0.0	0.0	0.0	0.0	0.0	546.1	606.0	696.0	846.0	0.0	0.0	15.7	1.0	28.4	0.1
05	62.8	30.7	46.7	3.8	1.8	2.5	12.1	5.4	1.5	0.1	0.0	0.0	267.9	323.2	412.3	565.9	0.0	0.0	26.3	0.0	17.9	0.0
06	73.4	36.6	55.0	4.0	1.8	2.5	82.2	52.3	21.3	2.9	0.3	0.1	82.2	112.3	171.3	302.9	0.0	0.4	29.4	0.0	5.7	0.0
07	82.8	42.5	62.7	3.3	2.8	2.9	245.3	189.3	114.1	31.9	3.2	0.7	8.3	14.2	32.0	104.9	0.0	2.1	31.0	0.0	0.8	0.0
08	81.1	40.7	60.9	2.7	2.0	1.9	196.4	143.4	77.2	15.0	1.3	0.4	13.6	22.5	49.3	142.1	0.0	1.0	31.0	0.0	1.6	0.0
09	71.6	32.4	52.0	2.8	2.3	1.9	41.5	22.5	6.9	0.4	0.0	0.0	131.6	172.5	246.9	390.4	0.0	0.1	28.9	0.1	14.0	0.0
10	57.4	22.7	40.0	3.6	2.9	2.7	0.9	0.4	0.0	0.0	0.0	0.0	464.4	525.9	618.5	773.4	0.0	0.0	22.0	1.0	27.7	0.2
11	42.1	12.7	27.4	5.1	3.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	828.0	888.0	978.0	1128.0	0.0	0.0	7.1	7.3	29.6	2.9
12	31.4	2.7	17.0	3.3	3.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1176.2	1238.3	1331.3	1486.3	0.0	0.0	0.5	18.4	31.0	13.4
Summary	55.2	21.8	38.4	3.7	3.1	3.1	578	413	221	50	5	1	6574	7138	8041	9695	0.0	3.6	198.0	67.8	246.4	43.5

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	0.69	4.9	2.4	0.1	0.0	0.29	0.62	1.00	
02	0.60	4.2	2.2	0.1	0.0	0.30	0.50	0.79	
03	0.65	4.2	1.9	0.1	0.0	0.32	0.56	0.87	
04	0.66	4.4	2.2	0.2	0.0	0.16	0.60	1.13	
05	1.38	5.5	4.1	0.5	0.1	0.74	1.11	1.65	
06	0.94	4.0	2.4	0.6	0.1	0.23	0.48	1.49	
07	0.50	3.2	1.8	0.2	0.0	0.19	0.39	0.83	
08	0.86	3.5	2.5	0.5	0.1	0.33	0.55	1.20	
09	0.97	4.3	2.8	0.4	0.0	0.32	0.78	1.34	
10	0.84	4.3	2.8	0.4	0.0	0.53	0.78	1.25	
11	0.65	4.5	2.5	0.2	0.0	0.30	0.65	0.94	
12	0.67	5.5	2.5	0.1	0.0	0.28	0.60	0.86	
Summary	9.41	52.5	30.1	3.4	0.3	3.99	7.62	13.35	

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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	11.60	4.2	3.3	1.2	0.3	0.0					7.50	10.30	13.60
02	9.60	3.9	3.1	1.2	0.5	0.0					4.00	9.70	13.00
03	6.10	2.7	1.9	0.5	0.2	0.1					2.10	3.60	10.10
04	3.00	1.5	0.8	0.3	0.1	0.0					0.00	1.50	5.20
05	1.40	0.7	0.6	0.2	0.0	0.0					0.00	0.00	2.70
06	0.10	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.40	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
10	1.80	1.2	0.7	0.1	0.0	0.0					0.00	0.80	3.50
11	6.20	3.4	2.5	0.9	0.2	0.0					1.20	5.50	9.40
12	9.50	4.6	3.4	1.0	0.2	0.0					4.80	7.90	9.80
Summary	49.7	22.4	16.4	5.4	1.5	0.1	0.0	0.0	0.0	0.0	19.6	39.3	67.3

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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	0.0	0.0	6.7	52.4	234.9	451.2	701.9	647.8	366.7	102.1	7.6	0.0
45	0.0	0.0	0.5	14.6	125.3	308.9	547.1	493.2	231.9	36.1	0.9	0.0
50	0.0	0.0	0.0	2.5	50.9	181.8	393.7	341.5	118.7	8.3	0.0	0.0
55	0.0	0.0	0.0	0.1	12.1	82.2	245.3	196.4	41.5	0.9	0.0	0.0
60	0.0	0.0	0.0	0.0	1.5	21.3	114.1	77.2	6.9	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.9	19.3	82.4	208.3	349.2	493.9	473.1	326.0	146.4	26.9	0.8

Growing Degree Units (Accumulated Monthly)												
40	0	0	7	59	294	745	1447	2095	2462	2564	2571	2571
45	0	0	0	15	140	449	996	1490	1722	1758	1758	1758
50	0	0	0	2	53	235	629	970	1089	1097	1097	1097
55	0	0	0	0	12	94	340	536	578	578	578	578
60	0	0	0	0	2	23	137	214	221	221	221	221
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	20	103	311	660	1154	1627	1953	2100	2126	2127

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