

Summary of Monthly Normals
1981-2010

Generated on 05/22/2024

Current Location: Elev: 7347 ft. Lat: 42.9588° N Lon: 109.9958° W
Station: CORA, WY US USC00482054

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	26.7	2.2	14.4	4.1	4.4	4.2	0	0	0	0	0	0	1257	1319	1412	1567	0.0	0.0	-7777	23.5	31.0	12.2
02	28.6	1.8	15.2	3.7	4.8	4.1	0	0	0	0	0	0	1114	1170	1254	1394	0.0	0.0	0.0	17.6	28.0	11.8
03	37.8	11.8	24.8	3.7	4.2	3.8	0	0	0	0	0	0	936	998	1091	1246	0.0	0.0	1.6	6.4	30.6	4.4
04	49.5	21.0	35.3	4.8	2.6	3.5	-7777	0	0	0	0	0	593	653	743	892	0.0	0.0	13.9	0.5	28.4	0.3
05	59.4	27.5	43.4	3.5	2.2	2.5	1	-7777	-7777	0	0	0	360	420	513	668	0.0	0.0	24.8	0.0	23.5	0.0
06	69.0	34.4	51.7	3.8	1.5	2.2	34	18	5	-7777	0	0	133	177	254	399	0.0	0.0	29.5	0.0	9.9	0.0
07	77.8	39.4	58.6	4.1	2.6	3.0	134	89	41	6	-7777	0	23	40	85	204	0.0	0.3	31.0	0.0	2.3	0.0
08	76.8	37.7	57.3	2.3	2.5	2.0	106	67	30	6	2	2	36	60	115	247	0.0	0.3	31.0	0.0	4.6	0.0
09	67.0	30.1	48.5	4.0	2.2	2.6	14	6	2	-7777	0	0	207	260	345	494	0.0	0.0	27.9	0.1	18.9	0.0
10	53.8	22.5	38.1	4.7	2.3	2.9	-7777	-7777	0	0	0	0	523	584	677	832	0.0	0.0	20.0	0.6	28.9	0.2
11	36.7	11.2	24.0	4.9	3.8	4.1	0	0	0	0	0	0	931	991	1081	1231	0.0	0.0	4.2	9.8	29.7	4.7
12	26.2	2.2	14.2	3.4	4.0	3.6	0	0	0	0	0	0	1264	1327	1420	1575	0.0	0.0	0.0	22.8	31.0	13.3
Summary	50.8	20.1	35.5	3.9	3.1	3.2	289	180	78	12	2	2	7377	7999	8990	10749	0.0	0.6	183.9	81.3	266.8	46.9

-7777: a non-zero value that would round to zero
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	0.57	5.9	2.8	0.1	0.0	0.17	0.42	0.93
02	0.64	5.4	2.2	0.2	-7777	0.30	0.54	0.69
03	0.53	5.0	1.8	0.2	-7777	0.21	0.43	0.82
04	0.76	5.5	2.5	0.2	0.0	0.57	0.81	0.96
05	1.66	8.4	5.2	0.9	0.1	1.04	1.39	2.01
06	1.26	6.8	3.7	0.4	0.0	0.72	1.13	1.58
07	0.96	6.2	3.1	0.4	-7777	0.22	0.76	1.58
08	1.22	6.6	3.6	0.3	0.0	0.73	1.24	1.59
09	1.74	5.0	3.5	1.0	-7777	1.09	1.74	2.21
10	0.84	5.5	3.3	0.3	0.0	0.46	0.74	1.09
11	0.77	6.6	2.5	0.1	0.0	0.31	0.78	0.94
12	0.75	5.9	2.9	0.2	0.0	0.09	0.59	1.23
Summary	11.70	72.8	37.1	4.3	0.1	5.91	10.57	15.63

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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	11.7	6.0	4.4	1.5	0.5	0.1	29.0	26.6	24.5	14.7	5.5	8.2	15.1
02	11.4	5.6	4.3	1.5	0.7	0.1	27.8	24.7	20.4	15.8	3.4	9.0	14.5
03	8.2	4.1	2.7	1.0	0.5	0.1	24.5	19.7	15.5	12.8	6.0	7.2	10.8
04	5.2	3.2	2.2	0.5	0.2	0.0	9.0	7.2	6.1	4.6	3.0	5.6	9.0
05	4.1	1.6	1.2	0.4	0.2	0.1	1.2	0.4	-7777	0.0	0.0	1.6	6.2
06	0.3	0.1	0.1	-7777	0.0	0.0	0.1	-7777	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	1.0	0.5	0.3	0.2	-7777	0.0	0.6	-7777	0.0	0.0	0.0	0.0	0.0
10	3.6	2.1	1.6	0.6	0.3	0.1	2.3	0.9	0.5	-7777	0.0	2.6	5.0
11	10.6	5.0	4.0	1.3	0.3	0.0	13.2	8.4	5.3	2.1	5.2	9.7	16.4
12	14.5	6.1	4.9	1.8	0.6	0.1	26.8	21.8	19.2	8.9	4.7	14.4	18.9
Summary	70.6	34.3	25.7	8.8	3.3	0.6	134.5	109.7	91.5	58.9	27.8	58.3	95.9

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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	-7777	1	35	154	354	576	535	271	64	2	0
45	0	0	-7777	9	67	218	422	381	147	18	-7777	0
50	0	0	0	1	17	105	271	233	56	3	0	0
55	0	0	0	-7777	1	34	134	106	14	-7777	0	0
60	0	0	0	0	-7777	5	41	30	2	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	-7777	3	55	160	286	429	416	261	103	11	-7777

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	36	190	544	1120	1655	1926	1990	1992	1992
45	0	0	0	9	76	294	716	1097	1244	1262	1262	1262
50	0	0	0	1	18	123	394	627	683	686	686	686
55	0	0	0	0	1	35	169	275	289	289	289	289
60	0	0	0	0	0	5	46	76	78	78	78	78
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	3	58	218	504	933	1349	1610	1713	1724	1724

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