

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3709 ft. Lat: 40.8600° N Lon: 102.8031° W
Station: CROOK, CO US USC00051996

Generated on 04/29/2024

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	44.0	13.2	28.6	5.0	3.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	818.4	880.4	973.4	1128.4	0.0	0.0	11.9	5.4	30.8	3.3
02	46.9	15.6	31.2	5.9	4.3	4.9	0.2	0.0	0.0	0.0	0.0	0.0	664.9	720.7	804.8	944.8	0.0	0.0	11.8	4.8	27.6	2.2
03	57.4	23.6	40.5	5.1	3.1	3.7	6.2	3.2	0.9	0.0	0.0	0.0	455.9	514.9	605.6	759.6	0.0	0.0	22.4	1.3	26.6	0.5
04	64.5	31.3	47.9	3.5	2.7	2.6	30.2	17.9	7.2	1.1	0.0	0.0	243.0	290.8	370.2	514.1	0.0	0.3	25.6	0.5	16.6	0.0
05	73.4	41.9	57.7	4.0	2.2	2.7	159.2	122.8	77.2	28.4	6.2	2.8	76.9	102.6	150.0	256.2	0.0	2.7	29.9	0.0	3.8	0.0
06	85.4	52.3	68.9	3.8	2.5	2.9	420.1	363.4	281.3	159.2	67.6	42.1	4.8	8.2	16.0	43.8	1.8	11.3	30.0	0.0	0.1	0.0
07	91.9	58.2	75.0	3.6	2.2	2.7	621.2	559.3	466.8	314.8	172.5	122.4	0.0	0.1	0.5	3.4	6.6	21.5	31.0	0.0	0.0	0.0
08	89.9	55.9	72.9	3.0	1.9	2.2	554.9	493.2	401.8	255.3	125.1	83.2	0.2	0.6	2.1	10.5	2.8	17.8	31.0	0.0	0.0	0.0
09	81.8	46.7	64.3	3.4	2.8	2.8	299.7	249.7	179.9	86.6	27.7	14.5	22.5	32.4	52.6	109.2	0.9	8.7	29.7	0.0	0.8	0.0
10	68.1	33.5	50.8	4.4	2.9	3.2	63.1	43.7	22.5	5.2	0.6	0.2	193.1	235.7	307.5	445.3	0.0	1.1	27.9	0.4	13.4	0.0
11	55.4	21.8	38.6	5.4	2.6	3.6	2.9	1.2	0.2	0.0	0.0	0.0	494.9	553.3	642.3	792.1	0.0	0.0	20.4	1.8	27.3	0.5
12	44.3	13.6	29.0	3.9	3.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	807.2	869.1	962.2	1117.3	0.0	0.0	11.6	5.8	30.7	3.4
Summary	66.9	34.0	50.4	4.2	2.8	3.2	2158	1854	1438	851	400	265	3782	4209	4887	6125	12.1	63.4	283.2	20.0	177.7	9.9

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	3.0	0.9	0.0	0.0	0.09	0.23	0.49	
02	0.50	5.0	1.6	0.0	0.0	0.20	0.48	0.68	
03	0.89	6.2	2.2	0.2	0.1	0.45	0.81	1.12	
04	1.80	9.2	4.7	1.0	0.3	0.91	1.77	2.31	
05	2.75	11.0	6.1	1.8	0.5	1.69	2.52	3.75	
06	2.63	9.7	5.8	1.5	0.5	1.50	2.37	3.87	
07	2.61	8.9	5.2	1.2	0.4	1.67	2.26	3.21	
08	2.09	8.5	4.5	1.3	0.4	1.21	1.90	2.75	
09	1.38	6.0	3.1	1.0	0.3	0.65	1.16	1.68	
10	1.16	6.2	2.8	0.6	0.1	0.59	0.97	1.34	
11	0.45	3.5	1.3	0.1	0.0	0.19	0.36	0.58	
12	0.33	3.3	1.2	0.0	0.0	0.17	0.28	0.43	
Summary	16.90	80.5	39.4	8.7	2.6	9.32	15.11	22.21	

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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	2.90	2.1	1.4	0.4	0.1	0.0	8.4	4.8	1.1	0.0	0.50	2.50	5.00
02	6.50	3.8	3.2	0.6	0.3	0.0	7.6	4.3	1.7	0.1	3.00	6.00	8.60
03	3.60	2.5	2.0	0.3	0.2	0.0	2.6	0.8	0.5	0.0	1.00	3.00	5.50
04	3.00	1.8	1.4	0.3	0.1	0.0	1.6	0.6	0.2	0.0	0.70	2.00	4.00
05	0.40	0.3	0.3	0.0	0.0	0.0	0.2	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	1.60	1.0	0.8	0.2	0.2	0.0	0.8	0.2	0.1	0.0	0.00	0.30	1.80
11	2.60	1.8	1.2	0.3	0.0	0.0	1.6	0.6	0.2	0.0	1.50	2.50	3.00
12	4.70	2.9	2.3	0.6	0.1	0.0	7.1	3.9	2.1	0.0	1.00	4.30	7.10
Summary	25.4	16.2	12.6	2.7	1.0	0.0	29.9	15.2	5.9	0.1	7.7	20.6	35.0

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Current Location: Elev: 3709 ft. Lat: 40.8600° N Lon: 102.8031° W

Station: CROOK, CO US USC00051996

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	11.8	29.1	132.7	272.4	549.2	865.3	1086.3	1019.8	727.9	361.4	103.0	14.8
45	2.1	9.5	64.8	162.6	402.0	715.4	931.2	864.7	579.5	236.1	46.0	2.6
50	0.3	2.2	24.7	79.8	269.1	566.3	776.2	709.7	434.9	134.4	15.3	0.3
55	0.0	0.2	6.2	30.2	159.2	420.1	621.2	554.9	299.7	63.1	2.9	0.0
60	0.0	0.0	0.9	7.2	77.2	281.3	466.8	401.8	179.9	22.5	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	37.9	57.2	160.1	233.3	358.4	533.3	669.3	631.3	463.2	288.3	136.9	42.8

Growing Degree Units (Accumulated Monthly)												
40	12	41	174	446	995	1860	2947	3967	4694	5056	5159	5174
45	2	12	76	239	641	1356	2288	3152	3732	3968	4014	4016
50	0	2	27	107	376	942	1719	2428	2863	2998	3013	3013
55	0	0	6	37	196	616	1237	1792	2092	2155	2158	2158
60	0	0	1	8	85	367	833	1235	1415	1438	1438	1438
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	38	95	255	488	847	1380	2050	2681	3144	3432	3569	3612

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

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