

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 6785 ft. Lat: 41.8369° N Lon: 110.7706° W

Station: FOSSIL BUTTE, WY US USC00483582

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	27.9	4.5	16.2	4.5	4.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1202.8	1264.8	1357.8	1512.8	0.0	0.0	0.1	19.9	30.9	10.7
02	30.5	6.1	18.3	4.4	5.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1027.5	1083.5	1167.4	1307.5	0.0	0.0	0.3	14.4	27.7	8.9
03	41.1	15.6	28.4	4.7	3.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	826.2	888.2	981.2	1136.2	0.0	0.0	6.5	5.3	30.4	2.5
04	52.4	22.6	37.5	4.1	2.1	2.8	0.1	0.0	0.0	0.0	0.0	0.0	525.1	585.0	675.0	825.0	0.0	0.0	18.9	0.4	27.4	0.0
05	62.9	29.7	46.3	3.6	1.7	2.1	7.9	4.0	1.1	0.0	0.0	0.0	277.6	335.8	425.8	579.8	0.0	0.0	28.3	0.0	18.8	0.0
06	73.5	35.4	54.4	4.1	1.6	2.4	68.0	42.4	17.3	2.6	0.3	0.1	84.5	118.9	183.8	319.1	0.0	0.5	29.7	0.0	8.1	0.0
07	83.4	41.8	62.6	3.6	2.9	3.1	242.9	187.6	114.3	36.0	6.1	2.3	7.4	14.1	33.9	110.5	0.2	5.3	31.0	0.0	1.3	0.0
08	81.8	40.6	61.2	2.6	2.1	1.8	203.6	150.6	83.3	20.3	2.9	1.2	11.4	20.5	46.2	138.2	0.0	2.1	31.0	0.0	2.2	0.0
09	71.7	32.2	52.0	2.7	3.0	2.0	39.0	21.5	7.1	0.6	0.0	0.0	130.5	173.1	248.7	392.1	0.0	0.1	29.4	0.0	15.1	0.0
10	57.0	23.3	40.1	3.7	3.0	2.7	1.1	0.5	0.0	0.0	0.0	0.0	461.4	522.8	615.4	770.3	0.0	0.0	23.9	0.7	25.7	0.1
11	40.3	14.0	27.2	5.2	3.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	835.5	895.5	985.5	1135.5	0.0	0.0	7.6	7.1	28.9	2.6
12	28.6	5.2	16.9	3.1	4.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1181.0	1243.0	1335.9	1491.0	0.0	0.0	0.3	19.0	30.8	10.7
Summary	54.3	22.6	38.4	3.9	3.2	3.1	563	407	223	60	9	4	6571	7145	8057	9718	0.2	8.0	207.0	66.8	247.3	35.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	0.74	8.5	2.3	0.1	0.0	0.27	0.65	1.00	
02	0.78	8.3	2.6	0.2	0.0	0.46	0.70	0.92	
03	0.90	7.8	2.6	0.3	0.1	0.52	0.72	1.16	
04	1.09	7.7	3.8	0.2	0.1	0.59	0.91	1.43	
05	1.54	9.9	5.3	0.5	0.1	0.86	1.19	1.70	
06	1.08	7.0	3.4	0.5	0.1	0.40	0.74	1.34	
07	0.57	5.1	1.9	0.3	0.0	0.22	0.52	0.80	
08	0.91	6.8	3.0	0.4	0.0	0.20	0.64	1.35	
09	1.10	6.9	3.6	0.6	0.0	0.50	0.81	1.43	
10	1.26	7.4	3.9	0.6	0.1	0.79	1.14	1.51	
11	0.89	8.2	3.1	0.3	0.0	0.53	0.77	1.23	
12	0.86	9.3	3.0	0.0	0.0	0.59	0.76	0.98	
Summary	11.72	92.9	38.5	4.0	0.5	5.93	9.55	14.85	

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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	0.1	6.6	52.2	217.1	434.7	700.4	657.1	364.9	99.2	7.1	0.1
45	0.0	0.0	0.7	13.8	108.1	291.5	545.6	502.4	229.3	35.7	1.0	0.0
50	0.0	0.0	0.0	1.8	38.8	164.2	391.6	349.6	114.9	8.3	0.0	0.0
55	0.0	0.0	0.0	0.1	7.9	68.0	242.9	203.6	39.0	1.1	0.0	0.0
60	0.0	0.0	0.0	0.0	1.1	17.3	114.3	83.3	7.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.2	16.3	83.7	207.1	352.5	506.6	489.1	328.1	140.8	21.0	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	0	7	59	276	711	1411	2068	2433	2532	2539	2539
45	0	0	1	14	123	414	960	1462	1691	1727	1728	1728
50	0	0	0	2	41	205	596	946	1061	1069	1069	1069
55	0	0	0	0	8	76	319	522	562	563	563	563
60	0	0	0	0	1	18	133	216	223	223	223	223
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	16	100	307	660	1166	1656	1984	2124	2145	2146

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

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