

Summary of Monthly Normals
1991-2020

Generated on 05/29/2024

Current Location: Elev: 5792 ft. Lat: 44.5169° N Lon: 104.4364° W
Station: **SUNDANCE 8 NNW, WY US USW00094088**

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	31.5	15.1	23.3	3.4	3.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	983.1	1045.1	1137.9	1292.8	0.0	0.0	0.6	16.0	29.5	5.3
02	30.3	14.5	22.4	5.4	6.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	911.9	968.0	1052.4	1192.6	0.0	0.0	0.9	17.5	26.5	5.8
03	38.7	22.8	30.7	4.6	4.5	4.3	0.6	0.3	0.1	0.0	0.0	0.0	752.9	814.5	907.1	1061.9	0.0	0.0	6.4	8.2	24.7	1.0
04	45.8	28.3	37.1	3.4	2.5	2.7	2.9	1.5	0.4	0.0	0.0	0.0	541.0	599.6	688.7	838.4	0.0	0.0	11.9	4.9	21.1	0.1
05	54.9	38.1	46.5	4.0	2.5	3.0	31.1	20.4	9.2	2.0	0.4	0.2	294.8	346.1	427.8	575.5	0.0	0.0	20.4	1.1	9.5	0.0
06	65.4	46.6	56.0	4.2	1.7	2.7	104.1	74.2	40.9	10.7	2.1	1.0	74.1	104.2	160.9	280.7	0.0	0.1	28.7	0.0	0.3	0.0
07	75.0	53.0	64.0	3.9	2.7	3.2	284.3	227.6	151.7	59.9	15.6	7.6	5.9	11.2	28.0	91.1	0.0	0.4	30.9	0.0	0.0	0.0
08	74.2	52.1	63.1	3.3	1.8	2.4	270.1	218.4	148.2	61.0	13.3	5.1	17.7	28.1	50.7	118.4	0.0	0.2	31.0	0.0	0.0	0.0
09	65.3	44.4	54.8	2.3	3.0	2.5	123.2	94.1	59.8	22.0	5.5	2.3	128.2	159.0	214.6	326.7	0.0	0.1	27.0	0.1	2.4	0.0
10	49.8	32.5	41.2	4.9	4.0	4.4	16.9	10.8	5.6	1.3	0.2	0.0	445.8	501.7	589.7	740.5	0.0	0.0	16.6	3.3	15.2	0.3
11	38.8	23.2	31.0	5.4	4.3	4.8	0.9	0.3	0.1	0.0	0.0	0.0	721.0	780.5	870.2	1020.1	0.0	0.0	7.4	8.9	23.5	1.5
12	30.1	16.0	23.1	3.5	5.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	989.6	1051.7	1145.0	1300.2	0.0	0.0	0.7	16.6	29.0	4.8
Summary	50.0	32.2	41.1	4.0	3.5	3.6	834	648	416	157	37	16	5866	6410	7273	8839	0.0	0.8	182.5	76.6	181.7	18.8

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	1.57	13.7	6.6	0.3	0.0	1.22	1.44	1.75	
02	2.03	14.7	7.1	0.5	0.1	1.51	1.96	2.41	
03	2.61	13.4	7.2	1.1	0.2	2.27	2.58	3.03	
04	3.56	15.5	9.0	2.4	0.3	3.00	3.56	3.89	
05	3.86	16.7	10.9	2.7	1.2	2.25	2.92	5.30	
06	2.93	13.0	7.3	1.9	0.5	1.89	2.66	3.90	
07	2.44	10.8	6.0	1.6	0.5	1.79	2.50	3.07	
08	1.92	8.1	4.3	1.4	0.4	1.12	1.93	2.54	
09	1.71	8.4	4.7	0.9	0.4	1.07	1.46	2.43	
10	3.06	11.1	6.4	1.5	0.5	1.69	2.17	3.39	
11	1.79	10.1	3.9	0.7	0.1	0.92	1.71	2.32	
12	1.73	13.1	5.2	0.4	0.0	1.30	1.70	1.94	
Summary	29.21	148.6	78.6	15.4	4.2	20.03	26.59	35.97	

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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	4.6	8.3	34.6	75.7	245.0	481.7	743.4	717.4	457.1	162.3	42.7	6.1
45	0.8	1.9	11.9	32.5	144.9	338.2	588.5	562.9	327.5	91.8	17.9	1.0
50	0.0	0.1	3.2	12.2	74.7	208.1	434.1	411.7	214.2	43.4	5.5	0.2
55	0.0	0.0	0.6	2.9	31.1	104.1	284.3	270.1	123.2	16.9	0.9	0.0
60	0.0	0.0	0.1	0.4	9.2	40.9	151.7	148.2	59.8	5.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.5	2.4	15.7	42.6	122.7	253.7	450.8	435.7	266.7	84.9	17.5	1.1
Growing Degree Units (Accumulated Monthly)												
40	5	13	48	123	368	850	1593	2311	2768	2930	2973	2979
45	1	3	15	47	192	530	1119	1682	2009	2101	2119	2120
50	0	0	3	16	90	298	732	1144	1358	1402	1407	1407
55	0	0	1	4	35	139	423	693	816	833	834	834
60	0	0	0	0	10	51	202	350	410	416	416	416
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	4	20	62	185	439	889	1325	1592	1677	1694	1695

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