

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 3862 ft. Lat: 44.5833° N Lon: 104.7147° W

Station: DEVILS TWR #2, WY US USC00482466

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	34.2	7.8	21.0	4.2	5.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1053.9	1115.9	1208.9	1364.0	0.0	0.0	2.4	10.7	30.9	8.8
02	36.9	10.8	23.8	7.0	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	871.8	927.7	1011.6	1152.0	0.0	0.0	5.1	8.7	27.6	6.3
03	47.4	20.8	34.1	6.0	4.1	4.9	1.7	0.7	0.2	0.0	0.0	0.0	649.9	710.8	803.4	958.0	0.0	0.0	14.7	4.4	28.4	2.2
04	56.6	28.9	42.8	3.8	2.6	2.9	10.9	6.1	2.4	0.3	0.0	0.0	378.3	433.5	519.7	667.8	0.0	0.0	21.2	1.4	21.0	0.3
05	65.8	39.1	52.4	4.1	2.0	2.6	77.8	55.4	29.8	7.5	1.2	0.6	156.9	196.6	263.9	396.6	0.0	0.2	28.2	0.0	8.7	0.0
06	76.3	48.7	62.5	3.8	2.6	2.9	246.5	198.3	135.0	58.4	17.0	9.3	21.6	33.4	60.1	133.4	0.1	1.8	29.7	0.0	0.3	0.0
07	85.3	54.7	70.0	4.6	2.5	3.3	465.7	404.9	316.8	182.5	79.5	51.1	1.1	2.3	7.2	27.7	1.0	10.1	31.0	0.0	0.0	0.0
08	84.6	52.4	68.5	3.5	2.5	2.6	423.3	364.6	280.2	154.7	61.1	37.3	5.1	8.4	17.2	46.4	0.4	9.6	31.0	0.0	0.1	0.0
09	74.7	42.1	58.4	4.0	3.0	3.0	172.5	135.4	88.4	34.4	9.3	4.5	70.6	93.6	136.7	232.5	0.0	3.2	28.9	0.0	4.8	0.0
10	59.5	30.4	45.0	5.0	3.2	3.8	22.8	14.5	6.7	1.5	0.2	0.0	334.4	388.1	473.2	623.0	0.0	0.1	23.9	1.2	19.8	0.1
11	45.2	18.9	32.1	6.2	4.5	5.0	0.3	0.1	0.0	0.0	0.0	0.0	688.7	748.5	838.4	988.5	0.0	0.0	11.9	5.2	28.3	2.2
12	35.4	9.3	22.4	5.6	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1011.7	1073.6	1166.5	1321.9	0.0	0.0	3.1	10.5	30.9	7.3
Summary	58.5	30.3	44.4	4.8	3.7	4.0	1421	1180	860	439	168	103	5244	5732	6507	7912	1.5	25.0	231.1	42.1	200.8	27.2

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	0.72	7.8	2.7	0.1	0.1	0.43	0.57	0.81	
02	0.76	8.0	2.8	0.2	0.0	0.48	0.71	0.95	
03	1.13	6.9	3.4	0.4	0.0	0.69	1.02	1.55	
04	1.98	9.0	5.6	1.1	0.2	1.34	2.02	2.55	
05	2.93	11.4	6.6	1.5	0.5	1.54	2.12	4.23	
06	3.22	10.9	6.6	2.1	0.9	2.32	3.15	4.32	
07	2.14	8.3	4.6	1.2	0.2	1.31	1.69	2.78	
08	1.90	6.3	3.6	1.1	0.5	1.30	1.86	2.51	
09	1.32	6.5	3.6	0.6	0.2	0.75	1.05	1.53	
10	1.53	7.2	4.1	0.6	0.2	0.82	1.17	1.92	
11	0.78	5.6	2.2	0.2	0.1	0.39	0.66	1.02	
12	0.68	6.3	2.3	0.2	0.0	0.25	0.65	0.85	
Summary	19.09	94.2	48.1	9.3	2.9	11.62	16.67	25.02	

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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	8.80	6.7	3.7	1.1	0.2	0.0	25.4	22.4	15.7	7.8	6.00	8.30	11.90
02	9.30	7.1	4.1	1.3	0.4	0.1	22.2	18.4	14.9	9.2	7.00	8.60	11.70
03	7.30	4.4	2.9	0.7	0.1	0.0	13.9	10.2	8.2	3.1	2.90	4.40	10.20
04	5.30	2.3	1.7	0.7	0.4	0.1	3.6	2.0	1.3	0.2	1.00	5.00	8.00
05	0.40	0.3	0.2	0.1	0.1	0.0	0.3	0.1	0.1	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	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.80	1.3	0.8	0.3	0.0	0.0	1.4	0.7	0.1	0.0	0.00	0.70	3.00
11	6.30	3.6	2.5	0.6	0.2	0.0	8.5	4.5	2.0	0.1	2.50	5.10	7.70
12	9.60	5.8	3.4	0.9	0.3	0.0	19.6	13.6	7.8	1.8	3.50	8.70	11.90
Summary	48.8	31.6	19.3	5.7	1.7	0.2	94.9	71.9	50.1	22.2	22.9	40.8	64.4

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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	1.2	8.4	61.3	162.3	395.8	675.0	929.8	883.3	555.5	219.8	41.7	2.7
45	0.0	1.8	24.1	83.7	263.9	526.1	774.7	728.4	413.0	124.9	15.0	0.3
50	0.0	0.2	7.5	35.4	155.6	381.0	619.9	574.3	282.6	59.9	3.2	0.0
55	0.0	0.0	1.7	10.9	77.8	246.5	465.7	423.3	172.5	22.8	0.3	0.0
60	0.0	0.0	0.2	2.4	29.8	135.0	316.8	280.2	88.4	6.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.2	12.1	68.5	139.3	258.5	420.2	590.4	561.5	374.0	182.5	53.4	5.9

Growing Degree Units (Accumulated Monthly)												
40	1	10	71	233	629	1304	2234	3117	3673	3892	3934	3937
45	0	2	26	110	374	900	1674	2403	2816	2941	2956	2956
50	0	0	8	43	199	580	1200	1774	2056	2116	2120	2120
55	0	0	2	13	90	337	803	1226	1398	1421	1421	1421
60	0	0	0	3	32	167	484	764	853	860	860	860
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	15	84	223	482	902	1492	2054	2428	2610	2664	2670

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

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