

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 6850 ft. Lat: 39.0056° N Lon: 114.2206° W
Station: GREAT BASIN NP, NV US USC00263340

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	39.5	19.7	29.6	3.9	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	787.4	849.4	942.5	1097.4	0.0	0.0	5.3	5.7	29.5	0.7
02	40.6	20.6	30.6	4.0	4.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	683.0	739.0	823.0	963.0	0.0	0.0	6.9	4.7	25.1	0.2
03	48.3	27.0	37.6	3.3	2.7	2.8	0.6	0.2	0.0	0.0	0.0	0.0	538.5	600.1	693.0	847.9	0.0	0.0	16.0	0.9	23.2	0.0
04	55.3	31.9	43.6	3.0	2.4	2.6	8.5	4.7	1.7	0.1	0.0	0.0	350.4	406.7	493.6	642.1	0.0	0.0	22.4	0.1	16.0	0.0
05	64.3	40.2	52.3	4.2	3.1	3.6	73.9	51.9	27.6	6.5	0.9	0.4	159.1	199.1	267.8	401.8	0.0	0.1	28.8	0.0	6.2	0.0
06	76.2	49.4	62.8	4.4	3.4	3.7	263.6	216.9	153.6	69.3	18.7	9.1	29.6	43.0	69.7	135.3	0.0	1.7	29.9	0.0	0.9	0.0
07	84.6	58.1	71.4	2.3	2.7	2.3	506.9	445.4	353.8	207.8	86.0	51.1	0.3	0.7	2.2	11.1	0.0	7.2	31.0	0.0	0.0	0.0
08	82.8	55.9	69.3	2.3	2.0	2.0	445.3	384.1	293.6	153.7	51.6	27.8	0.6	1.3	3.9	18.9	0.0	3.5	31.0	0.0	0.0	0.0
09	73.4	47.7	60.6	2.7	2.5	2.4	204.5	159.0	99.1	31.2	4.4	1.6	38.1	52.6	82.8	164.8	0.0	0.2	29.8	0.0	1.1	0.0
10	60.1	36.3	48.2	3.8	3.2	3.2	34.6	21.5	9.2	0.8	0.0	0.0	245.3	294.3	374.9	521.5	0.0	0.0	26.6	0.4	9.8	0.0
11	47.5	26.1	36.8	5.0	3.6	4.2	0.9	0.2	0.0	0.0	0.0	0.0	546.8	606.2	695.9	846.0	0.0	0.0	14.3	2.6	22.0	0.1
12	39.6	19.5	29.5	2.9	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	788.8	850.8	943.7	1098.8	0.0	0.0	6.2	6.5	28.6	0.5
Summary	59.4	36.0	47.7	3.5	3.0	3.1	1539	1284	939	469	162	90	4168	4643	5393	6749	0.0	12.7	248.2	20.9	162.4	1.5

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	1.30	6.5	3.6	0.6	0.0	0.64	1.11	1.79	
02	1.49	7.1	4.1	0.7	0.1	1.09	1.48	2.02	
03	1.21	6.7	3.5	0.8	0.3	0.76	1.18	1.49	
04	1.57	6.8	3.5	0.8	0.1	0.83	1.62	2.20	
05	1.25	7.6	2.9	0.6	0.1	0.54	0.85	1.53	
06	1.10	4.7	2.2	0.5	0.1	0.44	0.78	1.26	
07	0.90	7.3	2.8	0.4	0.1	0.44	0.67	1.31	
08	1.22	7.3	3.2	0.5	0.1	0.59	1.07	1.54	
09	1.08	5.8	3.1	0.5	0.1	0.66	1.00	1.33	
10	1.28	5.6	3.0	0.8	0.2	0.41	0.97	1.85	
11	0.86	5.5	2.4	0.5	0.2	0.31	0.61	1.29	
12	0.99	6.3	3.0	0.5	0.2	0.46	0.90	1.22	
Summary	14.25	77.2	37.3	7.2	1.6	7.17	12.24	18.83	

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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	12.30	4.7	3.7	1.8	1.3	0.3					2.90	12.50	17.30
02	20.70	5.6	4.9	2.4	1.3	0.3					11.20	21.50	29.70
03	7.30	3.8	3.1	1.1	0.4	0.2					3.50	6.60	11.00
04	7.20	2.1	1.6	1.0	0.5	0.1					0.00	2.70	12.40
05	0.70	0.4	0.4	0.1	0.0	0.0					0.00	0.00	0.10
06	0.00	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	2.00	0.8	0.6	0.3	0.1	0.0					0.00	0.00	2.50
11	6.90	2.7	2.0	1.2	0.6	0.1					1.10	4.00	8.00
12	9.60	4.6	3.6	1.6	0.7	0.2					2.50	8.90	12.70
Summary	66.7	24.7	19.9	9.5	4.9	1.2	0.0	0.0	0.0	0.0	21.2	56.2	93.7

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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	8.3	13.7	68.3	163.4	388.4	684.5	971.6	909.8	617.9	284.9	76.3	12.4
45	0.6	2.3	23.6	80.8	257.7	536.6	816.5	754.7	472.2	170.3	30.6	2.6
50	0.0	0.1	5.2	31.3	151.3	394.3	661.7	599.8	332.7	86.3	8.0	0.1
55	0.0	0.0	0.6	8.5	73.9	263.6	506.9	445.3	204.5	34.6	0.9	0.0
60	0.0	0.0	0.0	1.7	27.6	153.6	353.8	293.6	99.1	9.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.0	10.3	48.6	110.1	235.7	436.8	644.9	596.8	380.6	177.2	51.4	9.5

Growing Degree Units (Accumulated Monthly)												
40	8	22	90	254	642	1327	2298	3208	3826	4111	4187	4200
45	1	3	26	107	365	902	1718	2473	2945	3115	3146	3148
50	0	0	5	37	188	582	1244	1844	2176	2263	2271	2271
55	0	0	1	9	83	347	854	1299	1503	1538	1539	1539
60	0	0	0	2	29	183	537	830	929	939	939	939
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	17	66	176	412	848	1493	2090	2471	2648	2699	2709

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

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