

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5610 ft. Lat: 36.1533° N Lon: 109.5394° W
Station: CANYON DE CHELLY, AZ US USC00021248
Generated on 04/18/2024

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	43.8	19.0	31.4	5.5	4.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	731.5	793.6	886.5	1041.6	0.0	0.0	9.1	3.7	28.0	0.7
02	50.6	23.6	37.1	4.1	3.4	2.9	0.2	0.0	0.0	0.0	0.0	0.0	501.4	557.2	641.2	781.2	0.0	0.0	16.5	0.5	23.5	0.1
03	60.7	29.2	45.0	3.4	2.1	2.3	5.0	2.1	0.4	0.0	0.0	0.0	316.6	375.7	467.0	621.6	0.0	0.0	28.0	0.0	18.9	0.0
04	68.9	35.8	52.4	3.2	2.2	2.5	51.0	30.7	11.7	1.2	0.0	0.0	130.4	170.2	241.2	380.7	0.0	0.1	29.3	0.0	9.0	0.0
05	79.0	43.7	61.4	3.8	2.2	2.7	223.3	175.3	112.8	40.2	9.1	4.2	26.4	40.4	70.9	153.4	0.0	2.8	31.0	0.0	1.5	0.0
06	90.0	52.5	71.3	3.2	2.2	2.6	488.0	428.8	341.1	202.7	89.8	55.8	0.6	1.4	3.7	15.3	1.1	19.9	30.0	0.0	0.1	0.0
07	92.9	60.2	76.5	2.6	1.7	1.8	667.9	606.0	512.9	358.2	205.8	148.2	0.0	0.0	0.0	0.2	3.4	25.6	31.0	0.0	0.0	0.0
08	89.7	58.8	74.2	2.6	1.7	2.0	596.7	534.7	441.7	287.5	141.2	92.2	0.0	0.0	0.0	0.8	0.6	18.6	31.0	0.0	0.0	0.0
09	82.7	49.8	66.2	2.3	1.8	1.7	342.7	286.6	206.3	91.6	23.8	10.6	5.3	9.1	18.9	54.1	0.0	4.5	30.0	0.0	0.3	0.0
10	69.9	37.5	53.7	3.1	2.7	2.3	71.7	46.2	21.1	3.0	0.1	0.0	112.0	148.5	216.4	353.3	0.0	0.0	30.4	0.0	7.8	0.0
11	55.5	26.5	41.0	4.4	2.5	3.0	1.9	0.8	0.1	0.0	0.0	0.0	421.9	480.8	570.1	720.0	0.0	0.0	22.6	0.3	22.1	0.0
12	43.3	19.6	31.4	4.3	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	729.9	792.0	884.9	1040.0	0.0	0.0	9.4	3.4	27.8	0.3
Summary	68.9	38.0	53.5	3.5	2.5	2.6	2448	2111	1648	984	470	311	2976	3369	4001	5162	5.1	71.5	298.3	7.9	139.0	1.1

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	0.76	4.4	2.7	0.2	0.0	0.17	0.57	1.00	
02	0.73	4.7	2.6	0.2	0.0	0.27	0.63	1.05	
03	0.65	4.1	2.2	0.2	0.0	0.34	0.64	0.90	
04	0.48	3.1	1.2	0.2	0.1	0.12	0.35	0.57	
05	0.51	2.8	1.8	0.2	0.0	0.01	0.36	0.67	
06	0.27	1.7	0.9	0.2	0.0	0.03	0.11	0.29	
07	1.07	6.3	3.4	0.5	0.1	0.50	1.08	1.63	
08	1.30	6.9	3.5	0.6	0.1	0.54	1.05	1.70	
09	0.85	5.2	2.3	0.3	0.0	0.47	0.66	1.23	
10	0.83	4.1	2.4	0.4	0.0	0.18	0.54	1.31	
11	0.58	3.5	1.8	0.2	0.0	0.17	0.56	0.85	
12	0.72	4.8	2.6	0.2	0.0	0.28	0.61	0.88	
Summary	8.75	51.6	27.4	3.4	0.3	3.08	7.16	12.08	

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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	1.10	0.8	0.5	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.00	0.00	1.90
02	0.90	0.7	0.4	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.20
03	0.60	0.7	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	1.00
04	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.60	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.70
12	1.50	1.0	0.5	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.80	2.90
Summary	4.9	3.8	2.1	0.4	0.2	0.0	1.3	0.1	0.0	0.0	0.0	0.8	6.7

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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

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	12.8	42.5	183.5	374.5	661.9	937.4	1132.9	1061.7	787.4	429.5	113.3	17.2
45	1.8	9.6	82.5	240.4	507.9	787.4	977.9	906.7	637.6	287.1	46.3	3.2
50	0.2	1.4	25.2	128.1	359.4	637.4	822.9	751.7	488.5	163.0	12.4	0.2
55	0.0	0.2	5.0	51.0	223.3	488.0	667.9	596.7	342.7	71.7	1.9	0.0
60	0.0	0.0	0.4	11.7	112.8	341.1	512.9	441.7	206.3	21.1	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	19.8	54.5	175.1	285.4	446.5	586.1	712.3	682.6	514.4	308.5	112.0	19.7

Growing Degree Units (Accumulated Monthly)												
40	13	55	239	613	1275	2213	3346	4407	5195	5624	5737	5755
45	2	11	94	334	842	1630	2608	3514	4152	4439	4485	4488
50	0	2	27	155	514	1152	1975	2726	3215	3378	3390	3390
55	0	0	5	56	280	768	1435	2032	2375	2446	2448	2448
60	0	0	0	12	125	466	979	1421	1627	1648	1648	1648
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	20	74	249	535	981	1567	2280	2962	3477	3785	3897	3917

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