

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3520 ft. Lat: 33.0561° N Lon: 109.3072° W
Station: CLIFTON, AZ US USC00021849
Generated on 04/28/2024

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	61.2	35.1	48.1	3.5	3.1	2.6	7.1	2.9	0.7	0.0	0.0	0.0	219.4	277.2	368.0	522.3	0.0	0.0	28.8	0.0	11.7	0.0
02	65.9	39.1	52.5	4.4	2.2	2.7	34.4	18.3	5.4	0.8	0.0	0.0	104.3	144.3	215.3	350.7	0.0	0.0	27.6	0.0	3.0	0.0
03	73.2	45.3	59.3	3.7	3.2	3.1	165.6	122.6	71.5	20.0	2.7	0.7	33.9	52.9	94.7	198.3	0.0	0.0	30.8	0.0	1.0	0.0
04	81.2	51.0	66.1	2.8	2.8	2.5	338.1	282.5	204.7	96.8	30.5	15.5	5.1	9.5	21.7	63.8	0.0	3.6	30.0	0.0	0.0	0.0
05	90.0	58.7	74.3	2.7	3.2	2.6	600.1	538.5	446.6	298.2	167.4	123.6	0.2	0.6	1.7	8.4	2.2	18.3	31.0	0.0	0.0	0.0
06	100.0	68.9	84.4	2.7	3.8	2.8	883.4	823.4	733.4	583.4	434.5	375.9	0.0	0.0	0.0	0.0	15.6	27.9	30.0	0.0	0.0	0.0
07	100.4	74.4	87.4	2.8	3.2	2.5	1004.3	942.3	849.3	694.3	539.3	477.3	0.0	0.0	0.0	0.0	17.1	29.7	31.0	0.0	0.0	0.0
08	97.5	71.6	84.6	3.4	2.3	2.5	916.0	854.0	761.0	606.0	451.3	389.5	0.0	0.0	0.0	0.0	11.1	27.8	31.0	0.0	0.0	0.0
09	92.5	65.9	79.2	2.4	1.8	1.6	725.9	665.9	576.0	426.2	278.1	221.3	0.0	0.0	0.0	0.3	2.4	22.0	30.0	0.0	0.0	0.0
10	82.6	54.9	68.8	3.7	2.3	2.6	430.3	371.0	285.8	157.6	61.7	36.8	4.1	6.8	14.6	41.5	0.0	5.9	30.9	0.0	0.1	0.0
11	69.8	41.5	55.7	4.2	2.8	3.2	96.1	67.5	37.1	11.6	1.8	0.7	76.6	107.9	167.5	292.0	0.0	0.0	29.8	0.0	2.2	0.0
12	59.6	35.0	47.3	2.8	2.0	1.7	4.6	1.9	0.4	0.0	0.0	0.0	243.2	302.4	393.9	548.5	0.0	0.0	28.2	0.0	12.3	0.0
Summary	81.2	53.4	67.3	3.3	2.7	2.5	5206	4691	3972	2895	1967	1641	687	902	1277	2026	48.4	135.2	359.1	0.0	30.3	0.0

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	1.25	4.1	3.1	1.0	0.2	0.17	0.75	1.78	
02	1.53	5.0	3.9	0.9	0.2	0.90	1.35	1.88	
03	0.85	3.6	2.1	0.9	0.1	0.32	0.69	1.07	
04	0.47	1.9	1.1	0.5	0.0	0.04	0.34	0.67	
05	0.49	2.3	1.5	0.3	0.1	0.01	0.20	0.63	
06	0.43	2.4	1.5	0.3	0.0	0.12	0.29	0.54	
07	3.12	8.5	6.5	1.5	0.1	1.37	2.97	4.05	
08	3.28	10.6	8.4	2.4	0.4	2.27	2.93	3.99	
09	1.71	5.9	4.5	1.0	0.2	1.00	1.33	2.21	
10	1.45	3.6	3.0	1.2	0.2	0.37	0.96	2.01	
11	1.33	3.4	3.1	1.1	0.2	0.46	1.04	1.93	
12	1.11	4.1	3.2	0.9	0.1	0.44	0.79	1.44	
Summary	17.02	55.4	41.9	12.0	1.8	7.47	13.64	22.20	

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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	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
02	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
03	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
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	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
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	256.2	350.4	596.7	783.0	1064.9	1333.5	1469.3	1381.0	1176.0	891.2	470.3	232.9
45	123.2	216.6	442.4	633.0	909.9	1183.4	1314.3	1226.0	1025.9	736.2	325.7	107.0
50	37.6	103.4	294.7	483.4	754.9	1033.4	1159.3	1071.0	875.9	581.7	196.7	28.7
55	7.1	34.4	165.6	338.1	600.1	883.4	1004.3	916.0	725.9	430.3	96.1	4.6
60	0.7	5.4	71.5	204.7	446.6	733.4	849.3	761.0	576.0	285.8	37.1	0.4
Growing Degree Units for Corn (Monthly)												
50/86	178.5	224.8	368.4	501.6	677.6	823.5	936.2	891.1	771.1	577.2	301.8	152.0

Growing Degree Units (Accumulated Monthly)												
40	256	607	1203	1986	3051	4385	5854	7235	8411	9302	9772	10005
45	123	340	782	1415	2325	3508	4823	6049	7075	7811	8137	8244
50	38	141	436	919	1674	2707	3867	4938	5814	6395	6592	6621
55	7	42	207	545	1145	2029	3033	3949	4675	5105	5201	5206
60	1	6	78	282	729	1462	2312	3073	3649	3934	3972	3972
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	178	403	772	1273	1951	2774	3711	4602	5373	5950	6252	6404

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

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