

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1290 ft. Lat: 34.2281° N Lon: 113.5778° W
Station: **ALAMO DAM, AZ US USC00020100**

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	65.6	31.9	48.8	3.2	2.5	2.1	6.7	2.8	0.6	0.0	0.0	0.0	200.4	258.5	349.3	503.7	0.0	0.0	30.6	0.0	9.4	0.0
02	70.1	35.6	52.9	4.4	2.8	3.0	37.4	20.6	6.7	0.2	0.0	0.0	97.6	136.8	206.9	340.4	0.0	0.0	28.0	0.0	4.1	0.0
03	77.2	41.4	59.3	4.1	2.3	2.9	162.5	119.3	68.4	19.6	3.3	1.3	29.2	48.0	90.1	196.3	0.1	3.0	31.0	0.0	0.5	0.0
04	85.0	48.3	66.6	3.3	2.9	2.9	353.9	297.9	219.5	110.7	39.2	22.5	4.4	8.3	20.0	61.2	1.7	11.6	30.0	0.0	0.0	0.0
05	94.3	57.1	75.7	4.1	2.8	3.3	641.9	580.3	488.9	341.3	208.8	161.5	0.2	0.6	2.2	9.6	10.6	24.3	31.0	0.0	0.0	0.0
06	104.6	65.2	84.9	3.0	2.9	2.8	897.0	837.0	747.0	597.4	448.8	390.0	0.0	0.0	0.0	0.5	24.8	29.3	30.0	0.0	0.0	0.0
07	108.1	73.5	90.8	1.9	2.8	1.9	1109.7	1047.7	954.7	799.7	644.7	582.7	0.0	0.0	0.0	0.0	29.8	30.8	31.0	0.0	0.0	0.0
08	106.8	72.5	89.6	2.2	1.8	1.6	1074.1	1012.1	919.1	764.1	609.1	547.2	0.0	0.0	0.0	0.0	28.8	30.7	31.0	0.0	0.0	0.0
09	101.3	64.4	82.9	2.2	1.9	1.7	835.5	775.5	685.5	535.7	387.9	330.1	0.0	0.0	0.0	0.3	21.8	29.1	30.0	0.0	0.0	0.0
10	89.6	51.3	70.5	3.1	2.6	2.4	480.3	419.8	330.5	195.2	91.3	61.4	1.4	2.8	6.6	26.3	4.4	18.4	31.0	0.0	0.1	0.0
11	75.8	39.5	57.7	4.2	2.6	3.1	131.2	95.3	53.3	14.3	2.1	0.9	51.7	75.8	123.8	234.9	0.0	1.6	30.0	0.0	1.8	0.0
12	64.5	31.4	48.0	2.7	2.0	1.7	7.7	3.3	0.6	0.0	0.0	0.0	226.2	283.7	374.1	528.5	0.0	0.0	30.9	0.0	11.7	0.0
Summary	86.9	51.0	69.0	3.2	2.5	2.4	5738	5212	4475	3378	2435	2098	611	814	1173	1902	122.0	178.8	364.5	0.0	27.6	0.0

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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	1.03	4.0	2.3	0.8	0.2	0.09	0.64	1.55	
02	1.13	4.2	2.5	0.9	0.2	0.42	0.87	1.59	
03	0.77	3.4	2.0	0.6	0.0	0.20	0.51	0.95	
04	0.24	1.5	0.6	0.1	0.0	0.00	0.06	0.34	
05	0.08	0.7	0.4	0.0	0.0	0.00	0.00	0.13	
06	0.06	0.3	0.2	0.0	0.0	0.00	0.00	0.02	
07	0.82	2.9	1.9	0.5	0.1	0.11	0.63	1.01	
08	1.18	4.9	2.8	0.7	0.2	0.28	1.00	1.75	
09	0.74	2.5	1.2	0.4	0.3	0.07	0.40	1.22	
10	0.55	2.0	1.3	0.3	0.2	0.00	0.21	0.55	
11	0.56	1.8	1.0	0.3	0.2	0.00	0.17	0.75	
12	0.66	3.2	1.5	0.5	0.1	0.08	0.48	1.07	
Summary	7.82	31.4	17.7	5.1	1.5	1.25	4.97	10.93	

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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	275.3	360.7	598.3	799.5	1106.7	1347.0	1574.7	1539.1	1285.5	944.0	529.7	250.1
45	137.8	227.1	443.9	649.6	951.7	1197.0	1419.6	1384.1	1135.4	789.0	382.0	119.0
50	43.3	112.6	294.2	500.0	796.7	1047.0	1264.6	1229.1	985.4	634.0	244.9	37.4
55	6.7	37.4	162.5	353.9	641.9	897.0	1109.7	1074.1	835.5	480.3	131.2	7.7
60	0.6	6.7	68.4	219.5	488.9	747.0	954.7	919.1	685.5	330.5	53.3	0.6
Growing Degree Units for Corn (Monthly)												
50/86	243.2	277.3	412.7	504.7	658.8	767.8	922.0	906.3	756.3	579.4	382.0	225.0

Growing Degree Units (Accumulated Monthly)												
40	275	636	1234	2034	3140	4488	6062	7601	8887	9831	10360	10611
45	138	365	809	1458	2410	3607	5027	6411	7546	8335	8717	8836
50	43	156	450	950	1747	2794	4058	5288	6273	6907	7152	7189
55	7	44	207	560	1202	2099	3209	4283	5119	5599	5730	5738
60	1	7	76	295	784	1531	2486	3405	4090	4421	4474	4475
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	243	520	933	1438	2097	2864	3786	4693	5449	6028	6410	6636

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