

Summary of Monthly Normals
1991-2020

Current Location: Elev: 4606 ft. Lat: 31.5369° N Lon: 110.2808° W
Station: SIERRA VISTA, AZ US USC00027880
Generated on 05/23/2024

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	61.3	29.5	45.4	3.8	2.2	2.3	2.1	0.7	0.0	0.0	0.0	0.0	299.7	360.2	452.6	607.6	0.0	0.0	28.8	0.0	14.5	0.0
02	64.4	32.6	48.5	4.0	3.1	2.8	11.1	5.1	1.5	0.1	0.0	0.0	193.1	243.1	323.5	462.1	0.0	0.0	26.8	0.1	7.8	0.0
03	70.5	37.5	54.0	3.0	2.6	2.5	65.7	39.5	14.4	0.9	0.0	0.0	96.7	132.5	200.4	341.9	0.0	0.0	30.7	0.0	3.1	0.0
04	77.5	42.8	60.2	2.9	1.8	2.2	175.5	128.9	70.1	15.2	1.8	0.5	21.0	34.4	65.6	160.7	0.0	1.0	30.0	0.0	0.3	0.0
05	85.0	50.4	67.7	3.0	2.1	2.4	396.3	336.7	250.2	125.8	42.5	23.8	2.5	4.9	11.5	42.1	0.2	8.8	31.0	0.0	0.0	0.0
06	93.9	59.6	76.8	2.6	2.4	2.2	652.3	592.4	502.5	353.2	208.2	155.1	0.0	0.0	0.1	0.8	3.2	25.1	30.0	0.0	0.0	0.0
07	91.5	62.5	77.0	2.6	1.4	1.8	682.0	620.0	527.0	372.0	218.4	160.4	0.0	0.0	0.0	0.0	2.5	21.1	31.0	0.0	0.0	0.0
08	89.5	61.5	75.5	2.8	1.5	2.0	635.4	573.5	480.5	325.5	174.2	119.6	0.0	0.0	0.0	0.0	1.3	17.5	31.0	0.0	0.0	0.0
09	86.8	56.7	71.7	2.1	1.7	1.7	502.4	442.6	352.8	206.8	80.9	45.8	0.0	0.1	0.3	4.3	0.0	11.2	30.0	0.0	0.0	0.0
10	80.0	47.1	63.5	2.9	1.7	1.9	275.6	220.2	143.9	49.2	5.8	1.5	10.6	17.2	33.9	94.2	0.0	2.0	31.0	0.0	0.3	0.0
11	70.0	36.8	53.4	3.7	2.5	2.9	61.1	38.9	16.0	1.7	0.1	0.0	109.1	146.9	214.1	349.7	0.0	0.0	29.8	0.0	4.0	0.0
12	61.6	29.5	45.6	3.2	2.0	2.1	2.6	0.9	0.1	0.0	0.0	0.0	295.5	355.8	448.1	602.9	0.0	0.0	28.7	0.0	14.8	0.0
Summary	77.7	45.5	61.6	3.1	2.1	2.2	3462	2999	2359	1450	732	507	1028	1295	1750	2666	7.2	86.7	358.8	0.1	44.8	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	0.78	3.8	2.3	0.5	0.0	0.07	0.64	1.34	
02	0.64	3.7	1.9	0.2	0.0	0.15	0.38	1.06	
03	0.48	2.3	1.5	0.3	0.0	0.10	0.29	0.85	
04	0.25	1.1	0.6	0.1	0.0	0.00	0.01	0.17	
05	0.20	1.3	0.7	0.1	0.0	0.00	0.00	0.25	
06	0.54	2.4	1.6	0.3	0.0	0.01	0.33	0.57	
07	3.53	12.3	8.1	2.5	0.6	2.16	3.63	4.44	
08	3.31	11.0	7.4	2.2	0.7	2.23	3.03	4.46	
09	1.31	4.8	3.2	1.0	0.4	0.64	1.13	1.65	
10	0.59	2.5	1.5	0.4	0.1	0.00	0.19	0.78	
11	0.53	1.9	1.1	0.3	0.1	0.00	0.19	0.57	
12	0.85	3.4	2.2	0.4	0.0	0.33	0.52	1.18	
Summary	13.01	50.5	32.1	8.3	1.9	5.69	10.34	17.32	

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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	0.40	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
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	0.4	0.3	0.1	0.1	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	190.9	250.2	435.2	604.5	858.8	1102.3	1147.0	1100.4	952.4	730.1	404.8	191.8
45	82.7	134.5	288.2	455.3	703.8	952.3	992.0	945.4	802.4	575.5	265.6	83.8
50	21.7	51.9	160.4	309.4	549.1	802.3	837.0	790.4	652.4	422.7	147.0	23.2
55	2.1	11.1	65.7	175.5	396.3	652.3	682.0	635.4	502.4	275.6	61.1	2.6
60	0.0	1.5	14.4	70.1	250.2	502.5	527.0	480.5	352.8	143.9	16.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	181.7	205.5	319.1	415.6	549.1	682.5	741.4	721.8	617.6	476.9	301.5	184.7

Growing Degree Units (Accumulated Monthly)												
40	191	441	876	1481	2340	3442	4589	5689	6642	7372	7777	7968
45	83	217	505	961	1664	2617	3609	4554	5357	5932	6198	6282
50	22	74	234	543	1092	1895	2732	3522	4175	4597	4744	4768
55	2	13	79	254	651	1303	1985	2620	3123	3398	3460	3462
60	0	2	16	86	336	839	1366	1846	2199	2343	2359	2359
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	182	387	706	1122	1671	2354	3095	3817	4434	4911	5213	5397

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

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