

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3580 ft. Lat: 32.2933° N Lon: 109.2269° W
Station: **SAN SIMON, AZ US USC00027560**

Generated on 06/04/2024

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	60.7	27.6	44.2	3.9	2.4	1.9	0.8	0.2	0.0	0.0	0.0	0.0	337.1	398.5	491.3	646.3	0.0	0.0	28.6	0.0	24.2	0.0
02	66.0	30.8	48.4	3.9	3.4	2.9	10.4	5.0	1.3	0.0	0.0	0.0	195.2	245.7	326.0	464.8	0.0	0.0	27.6	0.0	17.3	0.0
03	73.5	35.7	54.6	3.1	2.8	2.3	68.1	40.8	15.5	1.7	0.0	0.0	80.5	115.2	182.9	324.1	0.0	0.2	30.9	0.0	9.6	0.0
04	81.3	41.2	61.2	3.3	2.3	2.3	206.2	158.1	95.9	27.5	3.7	1.1	18.7	30.6	58.4	140.0	0.0	3.9	30.0	0.0	3.6	0.0
05	90.4	48.8	69.6	3.1	3.2	2.7	453.3	392.3	303.0	166.5	64.5	38.5	0.7	1.7	5.3	23.9	1.7	17.9	31.0	0.0	0.3	0.0
06	99.0	58.5	78.7	2.4	3.3	2.3	712.4	652.4	562.4	413.0	265.9	209.6	0.0	0.0	0.0	0.5	15.0	28.4	30.0	0.0	0.0	0.0
07	98.1	65.9	82.0	2.4	2.3	1.5	837.0	775.0	682.0	527.0	372.1	310.5	0.0	0.0	0.0	0.0	13.1	29.1	31.0	0.0	0.0	0.0
08	95.8	64.8	80.3	2.5	1.5	1.7	784.3	722.3	629.3	474.3	319.4	258.0	0.0	0.0	0.0	0.0	6.9	27.8	31.0	0.0	0.0	0.0
09	91.5	58.7	75.1	2.7	2.0	1.9	603.0	543.0	453.1	305.2	166.2	117.9	0.0	0.0	0.1	2.2	1.1	21.0	30.0	0.0	0.0	0.0
10	82.7	45.7	64.2	3.2	2.9	2.1	296.9	241.6	165.4	66.1	15.4	6.9	11.7	18.4	35.2	90.9	0.0	6.0	31.0	0.0	1.4	0.0
11	70.0	34.3	52.2	3.9	3.1	2.9	46.8	28.6	11.4	2.0	0.2	0.1	132.3	174.1	246.9	387.5	0.0	0.0	29.7	0.0	12.1	0.0
12	60.0	28.1	44.0	2.7	3.2	2.0	1.5	0.4	0.0	0.0	0.0	0.0	340.8	401.8	494.4	649.4	0.0	0.0	28.2	0.0	22.8	0.0
Summary	80.8	45.0	62.9	3.1	2.7	2.2	4021	3560	2919	1983	1207	943	1117	1386	1840	2730	37.8	134.3	359.0	0.0	91.3	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	0.92	2.8	1.9	0.6	0.1	0.03	0.54	1.55	
02	0.79	3.3	2.3	0.5	0.0	0.16	0.61	1.34	
03	0.48	2.5	1.7	0.2	0.0	0.09	0.33	0.72	
04	0.24	0.9	0.6	0.1	0.0	0.00	0.02	0.35	
05	0.12	0.4	0.4	0.0	0.0	0.00	0.00	0.19	
06	0.44	1.3	1.0	0.3	0.1	0.00	0.05	0.35	
07	2.19	5.3	4.1	1.3	0.5	1.32	1.75	3.35	
08	1.92	5.7	4.2	1.5	0.3	1.27	1.85	2.55	
09	0.90	3.2	2.3	0.6	0.2	0.40	0.80	1.33	
10	0.76	2.1	1.6	0.6	0.1	0.13	0.31	1.00	
11	0.55	2.1	1.8	0.5	0.1	0.12	0.31	0.85	
12	1.00	3.0	2.2	0.6	0.2	0.28	0.56	0.97	
Summary	10.31	32.6	24.1	6.8	1.6	3.80	7.13	14.55	

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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	0.50	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.20	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	0.20	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.30	0.2	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
Summary	1.2	0.3	0.3	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0

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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	153.7	242.2	453.3	637.5	917.6	1162.4	1301.9	1249.3	1052.9	750.2	368.5	152.0
45	53.9	125.5	303.0	487.7	762.6	1012.4	1147.0	1094.3	903.0	595.7	232.6	58.7
50	10.1	45.6	167.8	341.1	607.7	862.4	992.0	939.3	753.0	443.4	121.3	13.7
55	0.8	10.4	68.1	206.2	453.3	712.4	837.0	784.3	603.0	296.9	46.8	1.5
60	0.0	1.3	15.5	95.9	303.0	562.4	682.0	629.3	453.1	165.4	11.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	172.4	225.2	363.6	461.5	572.4	672.9	803.2	784.9	663.7	508.2	301.9	160.1

Growing Degree Units (Accumulated Monthly)												
40	154	396	849	1487	2404	3567	4869	6118	7171	7921	8290	8442
45	54	179	482	970	1733	2745	3892	4986	5889	6485	6718	6776
50	10	56	224	565	1172	2035	3027	3966	4719	5162	5284	5297
55	1	11	79	286	739	1451	2288	3072	3676	3972	4019	4021
60	0	1	17	113	416	978	1660	2289	2742	2908	2919	2919
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	172	398	761	1223	1795	2468	3271	4056	4720	5228	5530	5690

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