

Water Conservation & Climate Overview Data for Sierra Vista, Arizona

Average rainfall: **1982 - 2009**

Longest period w/ no measurable precipitation: **153 days, 9/22/99 - 2/22/00**

Source: www.wrcc.dri.edu

Source: *Michelle Breckner, Service Climatologist, WRCC, by telephone 4/23/10*

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
0.94	0.64	0.45	0.46	0.29	0.54	3.22	3.83	1.35	1.01	0.49	1.02	14.24	inches
23.9	16.3	11.4	11.7	7.4	13.7	81.8	97.3	34.3	25.7	12.4	25.9	361.7	mm

Wettest Year's Rainfall: **23.90"** **1983**

Driest Year's Rainfall: **9.09"** **1989**

Source: www.wrcc.dri.edu for both statistics

Average high & low temperatures: **1982 - 2009** Source: www.wrcc.dri.edu

61.4	64.6	69.5	76.8	85.1	92.8	91.8	89.1	87.0	79.2	68.4	61.1	77.2	°F high
33.6	36.5	41.0	46.8	54.8	62.9	65.9	64.6	60.2	50.7	39.9	33.1	49.2	°F low
16.3	18.1	20.8	24.9	29.5	33.8	33.2	31.7	30.6	26.2	20.2	16.2	25.1	°C high
0.9	2.5	5.0	8.2	12.7	17.2	18.8	18.1	15.7	10.4	4.4	0.6	9.6	°C low

Highest Temp on Record F/C: **108** **42.2** **July 4, 1989** Coldest Temp on Record F/C: **11** **-11.7** **February 1, 1985**

Source: www.wrcc.dri.edu for both statistics

Area (sq miles): 153.4	Population: 43,320	Municipal GPCD: 138.0
Area (km ²): 397.2	Year: 2008	Municipal LPCD: 522.4
Source: en.wikipedia.org	Source: www.census.gov	Year: 2008

Source: www.sierravistawater.com Water Use Report

% of City's annual electricity consumption used to move water:	 	Rainfall GPCD: 2400.7
% of City's natural gas consumption used to move water:	 	Rainfall LPCD: 9087.7

Notes:

Available online at: www.harvestingrainwater.com/rainwater-harvesting-inforesources/water-harvesting-handouts/water-conservation-and-climate-overview-data-sheets/

For more on the water-energy connection, see Water Costs of Electricity in Arizona, Pasqualetti et al, available from Arizona Water Institute or HarvestingRainwater.com