## Water Conservation & Climate Overview Data for Patagonia, Arizona

 $1921 - 2000^{1}$ Average rainfall: Longest period w/ no measurable precipitation: 155 days, 2/5 - 7/10/2002 Source: www.wrcc.dri.edu **Source:** Michelle Breckner, Service Climatologist, WRCC, by telephone 4/23/10 Jan Feb Mar May Jul Sep Oct Nov Dec Apr Jun Aug Annual 4.51 3.79 1.36 0.82 17.78 inches 1.00 0.96 0.91 0.41 0.18 0.66 2.04 1.14 96.3 51.8 34.5 20.8 451.6 mm 25.4 24.4 23.1 10.4 4.6 16.8 114.6 29.0 Wettest Year's Rainfall: 27.39" Driest Year's Rainfall: 9.49" 1992 1980 Source: www.wrcc.dri.edu for both statistics Average high & low temperatures:<sup>2</sup> °F high °F low °C high C low Highest Temp on Record F/C: Coldest Temp on Record F/C: Area (sq miles): Population: 780 Municipal GPCD: 1.2 Area (km<sup>2</sup>): 3.1 2008 Municipal LPCD: Year: en.wikipedia.org Source: Source: www.census.gov Year: Source: Rainfall GPCD: % of City's annual electricity consumption used to move water: 1302.3 % of City's natural gas consumption used to move water: Rainfall LPCD: 4929.7 Notes: 1. Weighted averaged of two consecutive time periods / 2. Patagonia weather station collects only precipitation data, not temperature data

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 Electricy in Arizona, Pasqualetti et al, available from Arizona Water Institute or HarvestingRainwater.com