

Emery Jackson

Climate Change on the Reservation

The Navajo Tribal Community is facing difficult times with underdeveloped technology of their water supply. With these struggles in mind it's affecting livestock and farms that native families rely on for income. Without the necessary resources, native residents are falling ill and getting too old to maintain their work.

With the Navajo nation being the largest tribal community in Arizona it falls short of providing clean and safe water to families. For some, water is just around the corner, while others travel miles for a gallon. Some parts of the nation experience a season of rain, while others pray for an afternoon shower.

The tradition of raising cattle in native culture is very special for most with it being passed down through generations. We're being threatened with the effects of climate change and the drought resulting in 98% of water in streams and rivers declining over the 20th century.

To prevent these unfortunate outcomes, procedures need to be put in place such as taking shorter showers, fixing a leak, or adding more community water holes. Rainwater tanks are the perfect example for the areas that encounter heavy rainfall. Although the water can be unreliable at times it reduces water bills and presents itself with low-cost maintenance . With this in effect the demand for underground water has dropped.

Harvesting rainwater is the step toward a better living setting and the use of the water isn't limited just to drinking, but also for cleaning and cooking.