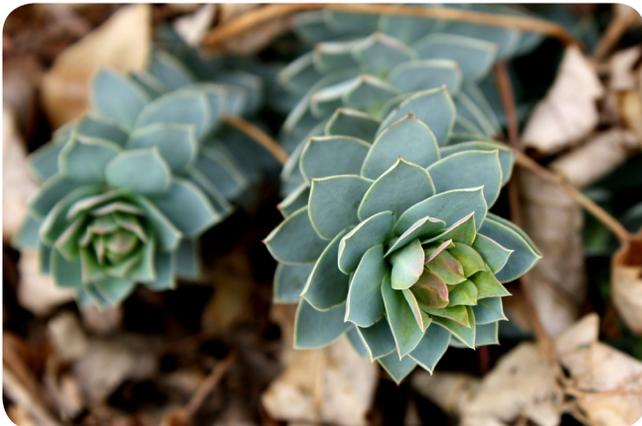


Water Saving Tips

- 1) Before pouring water down the drain, consider other uses for it, such as watering plants or a garden.
- 2) Avoid watering on the windiest days.
- 3) Don't water paved surfaces with garden hoses or sprinklers.
- 4) When you drain your swimming pool for repairs, make sure to use the water beneficially.
- 5) Water during the cooler parts of the day. Early in the morning or later at night are the ideal times to water your yard and landscape.



High Plains Water District

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Rainwater Harvesting



Defined

Roof- based rainwater harvesting refers to the collection of rainwater runoff from roof surfaces.

Purpose

- Conserve groundwater supply
- Store water when rainfall is limited
- Backup supply for emergencies

Uses

- Watering landscape
- Home water use (with proper treatment)
- Fire protection
- Stormwater management
- Wildlife supply

Sizes

Systems can range from five to 11,000 gallons. The average rain barrel will hold between 40-60 gallons.



Cost

Rain barrel prices can be as low as \$80 and as high as \$7,000. Gutter installation can be an additional expense if a professional company installs the system.



How much can you catch?

1 inch of rainfall on a 2,000 square ft. roof **=** **1,246** gallons of water

Formula:

Harvested water (gal) = catchment area (ft²) x rainfall depth (in) x 0.623 conversion factor