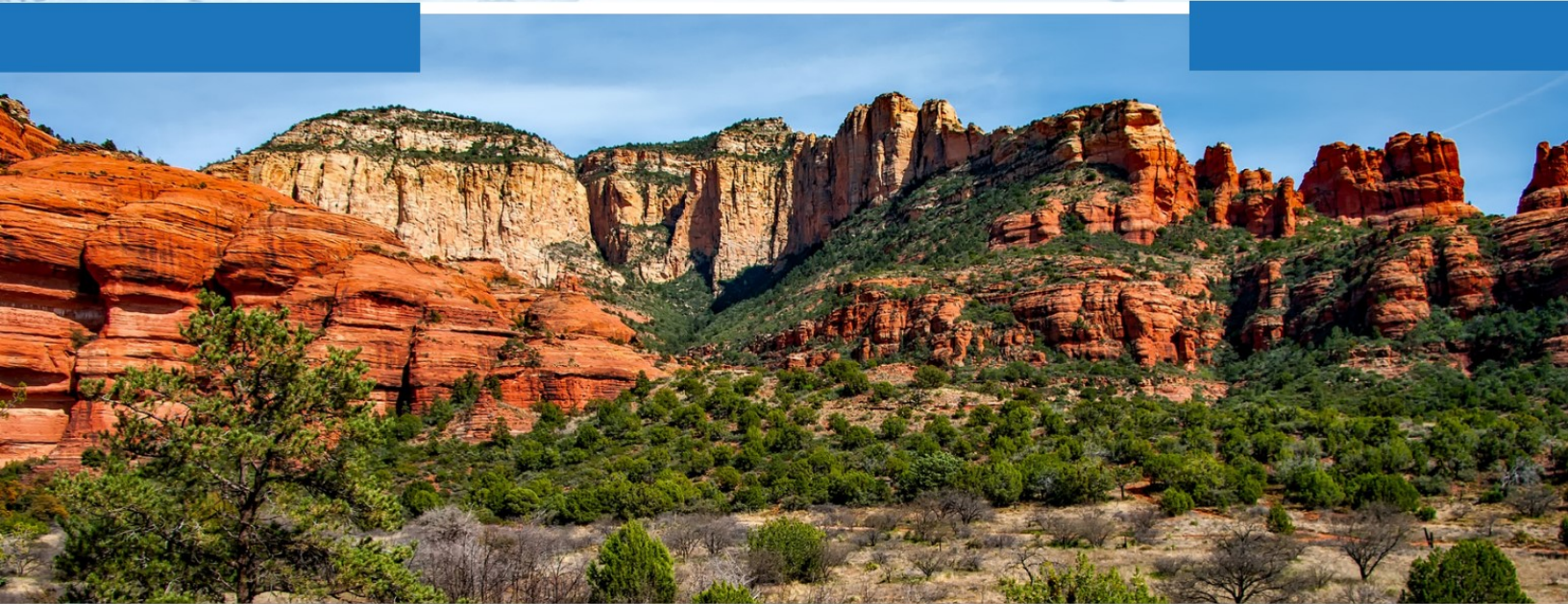


WATER FOR THE FUTURE

Your source for water conservation tips and updates



INDOOR WATER CONSERVATION, IRRIGATION TIMER INFO AND MORE!



Welcome autumn

**BY ADJUSTING YOUR
IRRIGATION TIMER AS
THE SEASON CHANGES**

For more info on how to do this, see page 4



Cooperative Extension

Smartscape for Homeowners & HOA Members

Ready to become an expert on how to properly prune, maintain, and irrigate your landscape and be more water efficient?

Smartscape educates Homeowners on the fundamentals of designing, installing, irrigating, and maintaining beautiful, water-efficient landscapes.

Learn from industry expert Anne LeSenne in this free course consisting of three consecutive classes created for Homeowners and HOA members. This course fills up fast so don't wait to sign up for all three classes!



CLASS DETAILS

Date(s): November 7, 14 & 21
Time: 3-5pm

Location:
Global Water Conference Center
22590 Powers Pkwy
Maricopa, AZ 85138

Light refreshments will be provided.



REGISTER TODAY! SPACE IS LIMITED

You can register at this link: <https://www.surveymonkey.com/r/RYLTMKZ>

Or using the QR code to the right:

For more information about the class content , please contact:

Anne LeSenne, Assistant Horticulture
Extension Agent, annelesenne@arizona.edu



Indoor Water Conservation

Water Saving Habits & Tips

KEEP AN EYE ON YOUR WATER BILL

for any signs of unusually high usage. Any unusual spikes or patterns can indicate a leak. Utilize our customer WaterSmart portal to track your hourly usage online and choose to receive alerts for leaks and high usage. You can login to your portal at: gwresources.com

EDUCATE YOURSELF

on how to check for common indoor leaks such as your toilet flapper, faucets, showerheads, and bathtubs. Any water using device can be suspect for a leak. If you still have a leak after checking the above items, then it may be worth also checking washing machines, dishwashers, refrigerators and water heaters and softeners.

INVEST

in indoor water conservation technology that will begin saving you money upon installation and into the future. Look for EPA WaterSense labelled toilets, showerheads and faucet aerators as well as dishwashers and washing machines with the ENERGY STAR logo.

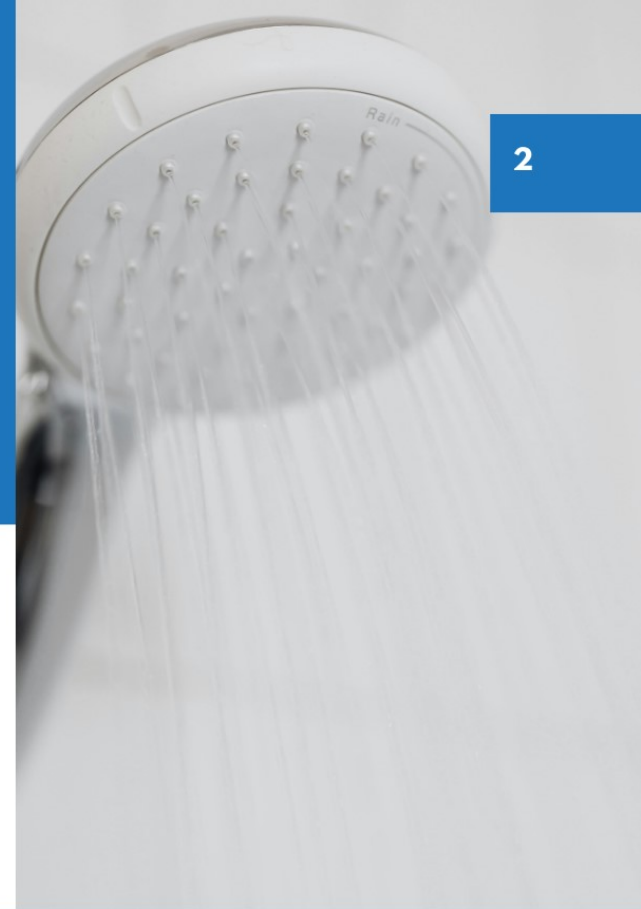
FOR MORE INFO ON HOW TO FIND AND FIX INDOOR LEAKS

You can visit www.smarthomewatguide.org or order a printed copy from our online ordering form at gwresources.com/conservation-education

This guide will walk you through how to check your indoor appliances for leaks.

OTHER QUESTIONS?

Contact us at conservation@gwresources.com or call our customer service line at (866) 940-1102



THE WATER CONSERVATION SCOOP

➤➤➤ ADVANCED WATER PURIFICATION

As the population in Arizona continues to grow and drought conditions threaten Colorado River water supplies, water reuse has become an increasingly attractive option to augment current and future supplies. In November of 2023 the Arizona Department of Environmental Quality (ADEQ) launched the Advanced Water Purification (AWP) Program, which outlines a variety of wastewater treatment procedures designed to convert treated wastewater into purified water. The roadmap was developed by a technical advisory group including academics, engineers and utility experts including Global Water Resources and its purpose is to serve as resource to help all stakeholders and the public understand ADEQ's approach to implementing AWP.

AWP produces healthy drinking water that meets or exceeds all state and federal drinking water quality standards and has been used for years in Arizona and other parts of the nation. The process includes taking treated recycled water and further treating it through ozonation, membrane ultrafiltration, reverse osmosis and ultraviolet photolysis. The treatment process effectively targets pathogens and harmful chemical contaminants, producing water that is safe to drink.

As of July 9th, 2024, ADEQ released the draft rule for the AWP Program, which dictates the rules of operation for utilities looking to implement AWP technology.

➤➤➤ WHY IS THIS IMPORTANT?

AWP contributes to Arizona's long term strategy to ensure a sufficient drinking water supply and is a part of our state's sustainability and responsible resource management goals. At this time, Global Water is not pursuing the implementation of AWP technology, however the introduction of these systems in the valley will likely alleviate the strain on groundwater supplies, leading to a more resilient future water supply for our customers.



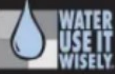
IRRIGATION TIMER ADJUSTMENT GUIDE

ADJUSTING YOUR IRRIGATION TIMER IS AN IMPORTANT MAINTENANCE STEP TO TAKE EVERY SEASON TO AVOID WASTING WATER (AND MONEY)

WHEN TO ADJUST YOUR IRRIGATION TIMER

Fall in Arizona can look a lot like summer, and temperature variability between months can make it difficult to determine when to begin adjusting your watering schedule. When the temperatures begin to drop and the days become shorter, plant growth will begin to slow down and your yard will require less water. Irrigation timers are an excellent tool to ensure that your yard receives the adequate amount of water every season, however most timers require you to adjust the watering schedule every season.

Watering schedules depend on various factors such as plant maturity, soil type, weather etc. Refer to the following guidelines to determine how to adjust your watering schedule per season:

 How Much & How Often Water to the outer edge of the plant's canopy and to the depth indicated. Watering frequency will vary depending on season, plant type, weather and soil.		Seasonal Frequency - Days Between Waterings				Water This Deeply (Typical Root Depth)
		Spring Mar - May	Summer May - Oct	Fall Oct - Dec	Winter Dec - Mar	
Trees	Desert adapted	14-30 days	7-21 days	14-30 days	30-60 days	24-36 inches
	High water use	7-12 days	7-10 days	7-12 days	14-30 days	24-36 inches
Shrubs	Desert adapted	14-30 days	7-21 days	14-30 days	30-45 days	18-24 inches
	High water use	7-10 days	5-7 days	7-10 days	10-14 days	18-24 inches
Groundcovers & Vines	Desert adapted	14-30 days	7-21 days	14-30 days	21-45 days	8-12 inches
	High water use	7-10 days	2-5 days	7-10 days	10-14 days	8-12 inches
Cacti and Succulents		21-45 days	14-30 days	21-45 days	if needed	8-12 inches
Annuals		3-7 days	2-5 days	3-7 days	5-10 days	8-12 inches
Warm Season Grass		4-14 days	3-6 days	6-21 days	15-30 days	6-10 inches
Cool Season Grass		3-7 days	none	3-10 days	7-14 days	6-10 inches

These guidelines are for established plants (1 year for shrubs, 3 years for trees). Additional water is needed for new plantings or unusually hot or dry weather. Less water is needed during cool or rainy weather. Drip run times are typically 2 hours or more for each watering.

Although it can be helpful to follow watering guidelines, always observe your landscape on a routine basis to determine if your new watering schedule is effective for your unique landscape.