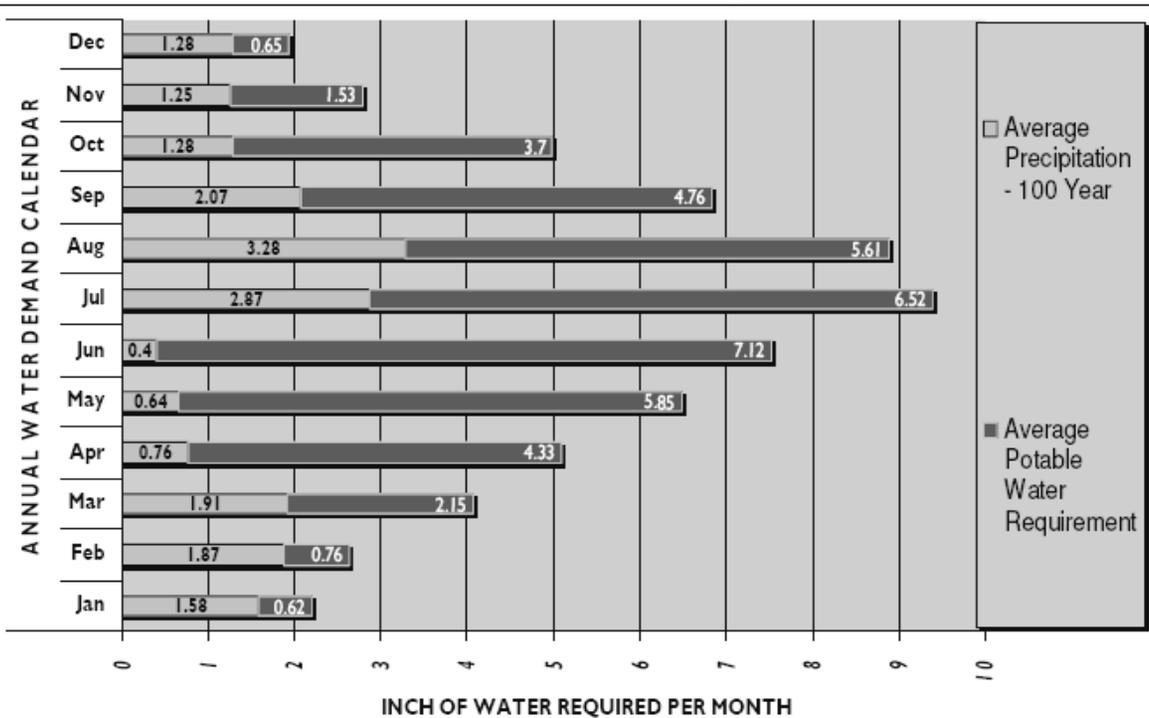


## TURGRASS – Water Use Requirements



Resource: U of A - Yavapai County Cooperative Extension – Turfgrass Consumptive Use: Prescott, AZ, Turf Irrigation Management Series #7

# Water Smart™



## A Guide to Installing Water Saving Products

**\$10.00 cost (\$50.00 value)**

Install the showerhead and faucet aerators in the water smart kit. Apply for a Water Conservation Incentive Credit and receive a \$10.00 credit on utility bill.

**Water Smart kits and rebate applications are available at City Hall - Utility Billing or Public Works.**

**Must be a city customer to receive credit**



### READ YOUR WATER BILL

Review water use and the Water Smart cards. Collect and use the guides for big water savings.

Detect and repair indoor and outdoor leaks. Replace high water use appliances and fixtures. Detect wet areas in the landscape to locate broken irrigation system pipes. Identify leaky or broken sprinkler heads. Repair with matching parts. Design, select and install low water use plants.

*Seasonally, inspect your sprinkler heads, drip emitters, and other irrigation components for possible leaks. Set timer or hand water at a slow, deep rate.*

*Thank you for your part in Living Water Smart.*



Water Smart™

### Public Works Water Conservation

433 N. Virginia  
P.O. Box 2059  
Prescott, AZ 86302  
Phone: 928.777.1130  
Fax: 928.771.5929

E- mail address:

[water.smart@cityofprescott.net](mailto:water.smart@cityofprescott.net)

Web address:

[www.cityofprescott.net](http://www.cityofprescott.net)

**CITYLINE: 777-CITY**

Service 24/7. Drop an e-mail message, request the Water Conservation Incentive application or any of the "Water Smart" conservation guidelines.

**\$10.00—Kit Account # 3-786-5**

## Sprinkler Home Water Audit



Lawn areas require lots of water to look great. **For every 1000 square feet, use no more than 600 gallons of water per week during the growing season.** Water can be rain-fall or spray irrigation system applied. Prescott average rainfall is about 19” and primarily falls April through September.

To determine how long to set your timer use are three easy steps. A method to figure out how much water is applied by your sprinkler system or hose end system. Use the results to set a monthly water schedule.

### 3 Steps to a Water Smart—System Audit

- Using the four rain gauge— catch cups in the kit, place them in a 10 x 10 area of lawn that represents the sprinkler spray pattern— distribution area.
- Run the sprinklers for exactly 15 minutes. Run any additional valves that overlap in the same pattern for area exactly 15 minutes. (do not empty or move catch cups—water gauge)
- Pour all four cups of water into one water gauge. Document the amount in the gauge. This amount of water represents, in inches how much water is applied in a 60 minute water system cycle. *(4 cups x 15minutes = amount of water applied in an hour)*

### Your Home Irrigation Audit is complete:

Now, adjust your sprinkler timer to water the lawn area for no more than 1” of water per week. **Adjust for any rainfall.** “Water Smart” and use the gauges to measure rainfall throughout the landscape area and watering season. Save even more water and hit the rain delay switch install a rain shutoff valve or a moisture sensing device. *Seasonally, check your system for leaks and reset your irrigation timer monthly.*

**Water restrictions in effect. Spray only 8:00 PM to 8:00 AM April through November .**

## Slow the flow...Faucet Showerhead and Water Flow Rate



### Kitchen and Bath Aerators

Easy to install aerators add function and amount to big water savings. Using a soft rag to protect chrome and if necessary use a wrench and remove old faucet attachment. Clean the threaded area. Carefully align threaded aerator and hand tighten on to the faucet, do not over tighten. Test your new water saving aerator for a water tight fit by turning on the water. It may be necessary to remove one top washer to align the male or female threaded aerator to your faucet.



### SAVING WATER WITH THE LOW FLOW SHOWER HEAD

Unscrew old shower head by turning counter clockwise. Clean off shower head arm threads. Wrap white, **Teflon Tape** to the threaded area . Screw on low flow shower spray head. Do not over-tighten. Run water to test for leaks. Remember leaky showerheads and faucets waste water. Leaks may be caused by an old washer in the faucet handle. Replace worn washers.



### FIX LEAKY HOSES

Repair leaky hoses with the hose repair kit. Replace old and missing hose washers. There should be no leaking water when a hose is on. Make sure you give the faucets a tight turn when you shut the hose off.



Look for leaks at all connection points for all handheld and manual sprinklers. Replace all worn-out washers.

### HANDHELD SPRAYER

Use an adjustable handheld sprayer with an automatic shut off feature for outdoor hand watering. Attach the hose end sprayer and a bucket of soapy water for car and bike washing.

*Please sweep your sidewalks and driveways to conserve water.*

Showerheads			Faucets (Bathroom and Kitchen)		
Water Level	Flow Rate	Potential Savings on your utility bills	Water Level	Flow Rate	Potential Savings on your utility bills
5 GPM	5 GPM	\$207/year	5 GPM	5 GPM	\$16/year
4 GPM	4 GPM	\$124/year	4 GPM	4 GPM	\$11/year

### TOILET LEAK DETECTING TABLETS AND FLOW RATE BAG

Approximately 90% of the leaks found are due to the toilet flapper not seating properly after each flush.

### To detect leaks:

Remove lid from toilet tank. Drop one dye tablet into the water reservoir tank. Wait a few minutes, if dye color appears in the toilet bowl you have a silent leak. Replace the toilet flapper to save hundreds of gallons of water. Kits are available at hardware stores, or call a licensed professional plumber to assist with install.

### LEAKY WATER PIPES

Some leaks are caused by carelessness. Make sure you give all sink and shower faucets a tight turn to make sure they are completely off. Often, pipe leaks occur at the fittings. Look for leaks at connection points for all household appliances and outdoor irrigation systems.

