

“Water your landscape deep & less often”

Water slowly-just a drip and for several hours. This method will allow water to reach the full depth of the plant's root zone.



Plant Type	Shrub		Groundcover
	Canopy Diameter (Feet)	Number of Emitters	Emitter Flow Rate (GPH)
Small Shrubs/Groundcovers	1-3	1	1
Large Shrubs	4-6	2	2
Small Trees	7-10	3	2
Trees	11-14	4-6	2-4
	15-20	6-12	2-4

Source: www.amwua.org Guidelines for Landscape Drip Irrigation Systems. Arizona Municipal Water Users Authority - Landscape Irrigation Committee, July 2001

Winter

none

only as needed

only as needed

Spring

as needed

every 7-14 days

every 7 days

Summer

as needed

every 7-14 days

every 7 days

Fall

as needed

every 6 weeks

every 6 weeks

Suggested..
Watering **F**requency
“for established plants”



RESOURCE AND RESEARCH SITES
Arizona Cooperative Extension—Yavapai
<http://cals.arizona.edu/yavapai/anr/hort/byg/>
Water Smart Gardening
<http://www.watersmartgardening.com/>

Mulch top dress all planting beds—about 4”- 6” to reduce evaporation, nourish plants naturally and help better manage weeds. Walk the irrigation system when it is on and several times a season. Knowing your water system better will allow you to locate irrigation problems, pinpoint and repair leaks ASAP. Before freezing temperatures, winterize the watering system to prevent frozen pipes.

MAY							80%
S	M	T	W	T	F	S	
				1/4"		1/4"	
1/4"		1/4"		1/4"		1/4"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	

JUNE							100%
S	M	T	W	T	F	S	
							1/2"
			1/2"		1/2"		1/2"
			1/2"		1/2"		1/2"
1/2"		1/2"		1/2"		1/2"	1/2"
1/2"		1/2"		1/2"		1/2"	1/2"

JULY							90%
S	M	T	W	T	F	S	
		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	

AUGUST							80%
S	M	T	W	T	F	S	
					1/2"		1/2"
1/2"		1/2"		1/2"		1/2"	1/2"
1/2"		1/2"		1/2"		1/2"	1/2"
1/2"		1/2"		1/2"		1/2"	1/2"
1/2"		1/2"		1/2"		1/2"	1/2"

SEPTEMBER							65%
S	M	T	W	T	F	S	
						1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	

OCTOBER							50%
S	M	T	W	T	F	S	
		1/2"		1/2"		1/2"	
		1/2"		1/2"		1/2"	
1/2"		1/2"		1/2"		1/2"	
1/4"		1/4"		1/4"		1/4"	
1/4"		1/4"		1/4"		1/4"	

DOES YOUR SPRAY IRRIGATION SYSTEM MEASURE UP?
CONDUCT A CATCH – CAN TEST. FIND OUT HOW MUCH AND FOR HOW LONG TO ADJUST TIMERS TO APPLY 1/2" PER CYCLE.
NEED PROFESSIONAL IRRIGATION HELP?
FIND A CERTIFIED AUDITOR, [HTTP://WWW.IRRIGATION.ORG](http://WWW.IRRIGATION.ORG)



KEY SEASONAL GUIDE TO OUTDOOR WATER SAVINGS

- 1/2"** **OASIS AREAS: SPRAY IRRIGATE IN INCHES OF WATER.** Lawn, veggie garden and annual flower beds generally need 1/2" of water each time cycle. Prevent runoff and water waste, program two - 1/4" timed spray cycles a day, one after the other.
- EVERGREENS:** Trees require 20 gallons per tree each watering cycle. Evergreen shrubs require 5 gallons per shrub per watering cycle. Generally water four cycles per month throughout the year.
- ORNAMENTAL:** Trees prefer 20 gallons per tree each watering cycle. Shrubs and roses need 5 gallons per shrub per cycle. Watering durations range from every 7 to 30 days apart depending on the season and precipitation events.
- WATER SMART:** Trees and shrubs require fewer watering cycles during the watering season. Generally, water four times per month, less frequent and deep. Few if any deep watering cycles are needed during the late fall and early spring if precipitation occurs.
- HAND WATER NATIVES AS NEEDED, IF AT ALL.**
- %** **CONTROLLER-TIMER:** Select an irrigation clock/timer that is easy to program. Features to look for include multiple stations, up to three independent programs, battery back-up, add on soil moisture and rain sensor capability, watering frequency-intervals of 14 days or greater, four hour run time schedules features and an easy to use budget % setting.

Plants use 3 to 5 times as much water during hot, dry & windy summers. Schedule water cycles in the cool early morning or evening. Adjust watering intervals-frequency each month, every season according to the weather.

Educational and Reference Sites
Upper Verde River Watershed Protection Coalition - <http://www.uvrwpc.org>
Arizona Cooperative Extension - <http://cals.arizona.edu/yavapai/anr/hort/byg/> 928.777.1130