

BONUS SECTION

ACTIVITY (WORD FIND)

When it comes to water, every drop counts. Water conservation efforts are so important and they can also be fun.

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Hose Nozzles

Water

Efficiency

Native Plants

Rain Barrels

Irrigation Controllers

Fix leaks

Liberty

Drought

Colorado River

Shower Heads

Conservation

Check Toilets

WaterSense

Reuse

CONTACT INFO:

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Email: Conservation@libertyutilities.com | Phone: 844-367-2030, ask for Water Efficiency

Si desea que este boletín se traduzca al español, envíe un correo electrónico a conservation.com o llame al 844-367-2030.



Fall/Winter 2023

Water Efficiency Newsletter

PREPARING FOR FALL & WINTER



DID YOU KNOW?

More plant problems are caused from overwatering rather than underwatering?

As we move away from the blazing heat of summer, the changing seasons will bring some changes to our everyday lives. However, one thing that does not change is Liberty's commitment to protecting one of the earth's most precious resources — water. As your water provider, Liberty wants to empower our customers with the knowledge as well as some practical tools to help you make every drop count.

FALL/WINTER IRRIGATION SCHEDULE

Below are watering guidelines for fall and winter based on vegetation type. These guidelines are for established plants, additional water is needed for new plantings.

Vegetation Type		Watering Frequency: Days between Waterings		Water this Deeply (Typical Root Depth)
		Fall Oct - Dec	Winter Dec - Mar	
Trees	Desert adapted	14 - 30 days	30 - 60 days	24 - 36 inches
	High water use	7 - 12 days	14 - 30 days	24 - 36 inches
Shrubs	Desert adapted	14 - 30 days	30 - 45 days	18 - 24 inches
	High water use	7 - 10 days	10 - 14 days	18 - 24 inches
Groundcovers & Vines	Desert adapted	14 - 30 days	21 - 45 days	8 - 12 inches
	High water use	7 - 10 days	10 - 14 days	8 - 12 inches
Cacti and Succulents		21 - 45 days	if needed	8 - 12 inches
Annuals		3 - 7 days	5 - 10 days	8 - 12 inches
Warm Season Grass		6 - 21 days	15 - 30 days	6 - 10 inches
Cool Season Grass		3 - 10 days	7 - 14 days	6 - 10 inches

• Source: *Water Use It Wisely*

FALL/WINTER LANDSCAPING TIPS

Watering Times

The time of day you water is important to adjust as temperatures drop.

Fall – Before 7:00 a.m. or after 7:00 p.m.

Winter – Between 8:00 a.m. and 4:00 p.m.

- This will help to protect your plants from disease due to the dropping temperatures when the sun goes down.

Remember: If it is raining, turn off your irrigation system! If you receive at least ½" of rain, you can even skip your next irrigation cycle.

Planting

Fall – Late September to November is the best time to plant!

- Plant native and drought tolerant plants
- Use organic mulch around plants, especially around trees to help retain moisture

Winter – It's best to wait until early spring for planting. New growth is vulnerable to cold nights in winter.

Pruning and Maintenance

Fall – Prune dead limbs, clean away brush, and clean leaves from gutters.

Winter – Resist pruning plants in winter, even if the cold nights and frost can turn some parts of your vegetation brown. Those parts protect the plant's interior from further damage. Trim the damaged parts in late February or early March.

FROST TIP: When covering your plants at night to protect from frost, drape the plant with a cloth big enough that reaches the ground and don't tie it. This will trap remaining heat on the ground from the day's sun and keep the plant warmer. If possible, remove sheets during the day.



DROUGHT UPDATE

Arizona will be operating under "Tier 1" status on the Colorado River for 2024. The Colorado River system is reaping benefits of this winter's above-average snowfall, at least for the short term. Liberty customers are not impacted by the tier status on the Colorado River since we provide 100% groundwater but we still encourage conservation efforts for long-term water supply planning in Arizona. To learn more about how the Colorado River is managed and what Arizona is doing, please visit our website libertyenergyandwater.com, click on Smart Water Use then Drought.

PROGRAMS

Residential Programs

- Liberty offers multiple programs at no-cost to our customers from **conservation kits** and **showerheads** to **workshops** all to help increase water use efficiency and decrease water waste. It's easy to apply! To see what programs are currently available, please visit the 'Water Programs' page under the Smart Water Use tab on libertyenergyandwater.com.

Commercial Programs

- Liberty offers commercial water audits to check for leaks and potential areas that could increase water efficiency.
- Liberty provides landscape water budget estimate tools specific to a property's landscape to show where efficiencies could be maximized in the irrigation system. From homeowner associations to businesses with vegetated space, this tool can show how to save water and money.

FOR MORE INFO:

Contact the Water Efficiency team to learn more about the programs available.

Conservation@libertyutilities.com
or call 844-367-2030, ask for Water Efficiency

WORKSHOPS

Look for our 2024 workshop calendar at the beginning of the year!



Prevent Winter Frost Damage to Your Home:
WINTERIZING

November 14th 5:00 p.m. MST

Use the above QR Code to register or register here:
libertyutilities.com/conservation-workshops.html