

GET WATERWISE

The City of Bend
is proud to partner with:



WATERWISETIPS
"Water isn't all you save." .org

When to Water

Did you know that Bend's average daily water use jumps from five million gallons per day in the winter to 25 million gallons per day in the summer? This is due to large amount of landscape irrigation that occurs. For this reason, Bend residents are required to follow specific irrigation hours to help reduce peak water demands. Look at the chart below to determine when to water.

| Irrigation Hours for Bend Residents | | | | | | |
|--|----------------------------------|---|----------------------------------|-------------------------------------|-----|----------|
| Even and odd irrigation day rules apply. Watering is allowed at night. | | | | | | |
| Best time to Irrigate | Avoid Irrigation if possible | No Irrigation Allowed | Avoid Irrigation if possible | Best time to Irrigate | | |
| Midnight - 6AM Low System Demand | 6AM - 9AM Peak Morning Demand | 9AM - 5PM Hot, windy, high evap rate Rule variance given for new sod, seed, plantings | 5PM - 7PM Peak Evening Demand | 7PM - Midnight Low System Demand | | |
| Midnight | 6AM | 9AM | NOON | 5PM | 7PM | Midnight |

How "Smart" is Your Irrigation Controller?

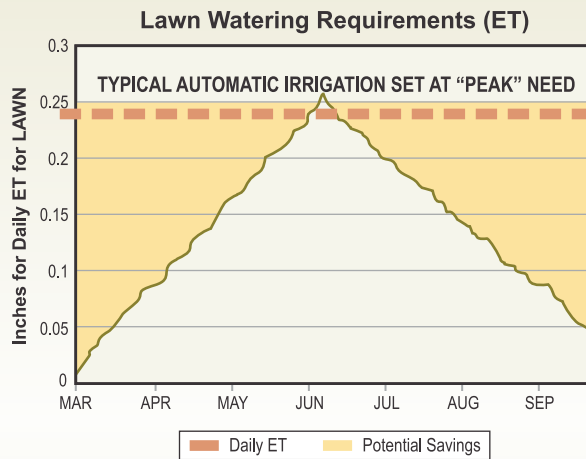
Smart irrigation controllers automatically adjust to environmental conditions throughout the growing season. This increases an irrigation system's overall efficiency by only applying water when landscape plants need it. Smart irrigation controllers can reduce overwatering by 30% in some cases. Visit www.waterwisetips.org to learn more about smart irrigation controllers and how to increase your system's efficiency.



Smart irrigation controllers can automatically adjust to environmental conditions throughout the growing season making an irrigation system even more efficient.

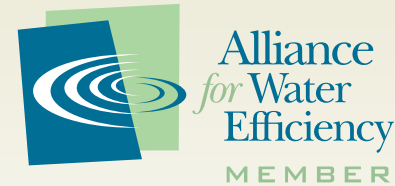
Landscape Water Requirements

Landscapes require different amounts of water depending on environmental conditions. Unfortunately, most landscape irrigation controllers are set to water landscapes at a level only required in mid-summer. This is often referred to as "peak" watering. Instead, irrigation controller settings should be continually adjusted throughout the growing season. Never "set it and forget it".



Hiring Someone to Install or Maintain Your Landscape?

Make sure they are a license landscape contractor that understands the seven Xeriscape principles identified here. Also check to see if they are a certified irrigation expert through the Irrigation Association or another certifying body.



For more information please visit

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541-317-3000
conservation@bendoregon.gov



Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic format and audio cassette tape please contact Karin Morris at (541) 693-2141 or email Kmorris@bendoregon.gov.

OUTDOORS



READY TO REDUCE YOUR WATER USE? START HERE:

THE

7

PRINCIPLES OF A WATERWISE LANDSCAPE

Follow these seven principles to create a beautiful and water efficient landscape that lasts for years. In addition to saving water, they also reduce mowing, trimming, yard waste, and energy. Do your part – be WaterWise!

ZONING PLANTS



Group plants with similar watering needs together. This will maximize water efficiency and reduce waste. Choose native and drought tolerant plants that are beautiful, functional, sustainable and adapted to Central Oregon.

IRRIGATING EFFICIENTLY



Efficient irrigation is the key to a successful landscape. Regular inspections of the system can ensure proper operation. Repair leaks and make adjustments as needed. Irrigation controllers need frequent program adjustment too. "Smart" irrigation controllers adjust watering times automatically in response to current environmental conditions.

USE OF MULCHES



Most mulches consist of either wood or stone. While both help retain soil moisture during hot spells, wood mulches allow for increased amounts of oxygen exchange with plant root systems. Any weed barrier used beneath mulch should allow water to flow through it. Plastic sheeting reduces oxygen exchange and may cause stormwater runoff issues during heavy rain.

PLANNING/LANDSCAPE DESIGN



Take the time to carefully plan a WaterWise landscape. Consider how it will be used, who will maintain it and how much water it will require. Always be sure to put the right plant in the right place. Consider hiring a professional landscape architect or landscape designer that is proficient in low water landscape methods.

SOIL AMENDMENTS



Know your landscape's soil type (sand, loam and clay) and what, if any, amendments may be needed. Most Central Oregon soils require modest soil amendments that help retain moisture. A soil test will provide greater detail.

GRASS IN XERISCAPE



Modest amounts of grass can be part of a great Xeriscape. The key is to keep grass areas small and in locations where they are utilized. Whenever grass is installed, make sure the irrigation system is adjusted properly and the controller is programmed to deliver approximately 1" of water every four days. Use low precipitation rate sprinklers if possible.

MAINTAINING A XERISCAPE



Regular and proper maintenance of trees, shrubs, groundcovers, soils, lawn areas and the irrigation system ensures a great looking Xeriscape. A poorly maintained irrigation system can lead to plant related illnesses and other landscape issues. Also consider mowing height, thatch level, regular weeding, and fertilization requirements for grass turf areas.