



WATER STATISTICS

Leaks

The following shows the amount of water that can be lost for various size leaks.

- **A Dripping Leak:** consumes 15 gallons per day, 450 gallons per month.
 - A 1/32 inch leak consumes 264 gallons per day, 7,920 gallons per month
 - A 1/16 inch leak consumes 943 gallons per day, 28,300 gallons per month.
(At 60psi, a 1/16" hole leaks 74,000 gallons (9,850 cubic feet in 3 months)
 - A 1/8 inch leak consumes 3,806 gallons per day, 114,200 gallons per month.
(At 60 psi, a 1/8" hole leaks 296,000 gallons (39,400 cubic feet in 3 months)
 - A 1/4 inch leak consumes 15,226 gallons per day, 456,800 gallons per month
(At 60 psi, a 1/4" hole leaks 1,181,500 gallons (158,000 cubic feet in 3 months)
 - A 1/2 inch leak consumes 60,900 gallons per day, 1,827,000 gallons per month

Common Water Loss Examples

- **Leaking Toilet:** @ 1/2 GPM = 21,600 gallons per month.
- **Stuck Ice Maker:** @ 2 GPM = 86,400 Gallons per month.
- **Unattended Water Hose:** 1 night @ 10 GPM = 5,400 Gallons per day
- **Stuck Check Valve in Washing Machine:** 30 minutes = 240 gallons
- **Stuck Float Valve in Watering Trough:** @ 5 GPM = 216,000 gallons per month
- **Drip Irrigation:** @ 1 GPM = 43,200 Gallons per month
- **Watering Garden for 2 hours*:** @ 5 GPM = 18,000 gallons per month
 - Watering Garden for 2 hours at 10 GPM – 36,000 gallons per month.
**No outside watering is allowed for any reason including lawns, gardens, vehicle washing, etc.*
(Ref: NWWD Rules and Regulations, Water Rate Schedule)
- **Broken Service Line:** 1 night @ 15 GPM = 8,100 Gallons per day
 - 1 day @ 15 GPM = 21,600 gallons / 1 week @ 15 GPM = 151,200 gallons
 - 1 month @ 15 GPM = 648,000 gallons

Typical Normal Water Uses

- **1 Bath:** = 42 gallons / **1 Shower:** = 17 gallons
- **1 Washload of Clothes:** = 45 Gallons
- **1 Flush Toilet:** = 3-5 gallons