

WATER LOSS CHART

Provided by your friends at VRI Environmental Services, Inc.

Below are some things that occur daily either intentionally or unintentionally that result in a loss of Water.

Common Causes of Loss

Use	Gallons per Minute	Gallons per Month
Dripping Faucet	¼ GPM	10,800
Leaking Toilet	½ GPM	21,600
Drip Irrigation	1 GPM	43,200
Watering Garden (2 hours)	5 GPM 10 GPM	18,000 36,000
Stuck Ice Maker	2 GPM	86,400
Stuck Check Valve in Washing Machine (30 minutes)	8 GPM	240
Stuck Float in Watering Trough	5 GPM	216,000
Broken Service Line		
1 Night	15 GPM	8,100
1 Day	15 GPM	21,600
1 Week	15 GPM	151,200
1 Month	15 GPM	648,000

Typical Usage

Use	Amount of Water
1 Bath	42 Gallons
30 Baths	1,260 Gallons
1 Shower	17 Gallons
30 Showers	510 Gallons
Running Tap while Brushing Teeth	1.3 Gallons
Shaving	2 Gallons
Wash 1 Load of Clothes	45 Gallons
Wash 20 Loads	900 Gallons
Run Dishwasher	5-13 Gallons
Flush Toilet	3 Gallons
15 Flushes per Day	900 Gallons/Month
Hosing Driveway	13-26.5 Gallons
Washing Car with Running Hose	26.5-80 Gallons

Water loss as a result of a leak .63 cm diameter (1/4") can mean a loss of 14,952 gallons per day. If undetected for a period of 34 days, over ½ million gallons are lost, plus resultant water damage or underground water undercutting. The following table shows leak sizes and their approximate loss in gallons from a pressurized 60 psi pipeline. A pinhole leak can mean an average loss of 18,000 gallons of water per quarter, normal demand from the average family home.