

# WATER LOSS CHART

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







## Common Causes of Loss

<u>Use</u>	<u>Gallons per Minute (GPM)</u>	<u>Gallons per Month (GPM)</u>
Dripping Faucet	¼ GPM	10,800
Leaking Toilet	½ GPM	21,600
Drip Irrigation	1 GPM	43,200
Stuck Ice Maker	2 GPM	86,400
Watering Garden for 2 hours	5 GPM	18,000
Stuck Check Valve in Washing Machine for 30 minutes	8 GPM	240

## Typical Usage

<u>Use</u>	<u>Amount of Water</u>
1 Bath	42 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
Run dishwasher	5-13 Gallons
Flush toilet	3 Gallons
Hosing driveway	13-26.5 Gallons
Washing car with running hose	26.5-80 Gallons

The following table shows leak sizes and their approximate loss in gallons. A pinhole leak can mean an average loss of 18,000 gallons of water per quarter, normal demand from the average family home.

<u>Leak Size</u>		<u>Gallons Per Day</u>	<u>Gallons Per Month</u>
	A dripping leak consumes:	15 gallons	450 gallons
	A 1/32 in. leak consumes:	264 gallons	7,920 gallons
	A 1/16 in. leak consumes:	943 gallons	28,300 gallons
	A 1/8 in. leak consumes:	3,806 gallons	114,200 gallons
	A 1/4 in. leak consumes:	15,226 gallons	456,800 gallons
	A 1/2 in. leak consumes:	60,900 gallons	1,827,000 gallons