

WATER LEAKS – HOW MUCH WATER IS LOST?

Water Loss at 60 psi water pressure

A continuous leak from a hole this size would mean water loss in these amounts:

Leak Diameter	Gallons per Week	Gallons per Month	Gallons per Year
● 1/4"	102,245	443,061	5,316,737
● 3/16"	57,512	249,222	2,990,664
● 1/8"	25,561	110,765	1,329,184
● 1/16"	6,390	27,691	332,296



SOURCE: https://www.indepthutilitiesolutions.com/cat_products/water-leak-detection/electro-acoustic-water-leak-detection/

EXAMPLES:

Leak Source	Typical Leakage	Gallons/Day Used	Gallons/Month Used	Units/Month Used
Running Toilet	1 gallon/minute	1,440	43,200	58
Leaking Faucet	1 drip/second	9	259	0.3
Leaking Showerhead	10 drips/minute	1.41	43	0.05
Overflow tube in toilet tank	1/4" in diameter	7,200-8,640	216,600-259,200	290-347
Garden hose left running or a missing sprinkler head	1/2" in diameter	14,420-17,280	433,200-518,400	579-693

SOURCE: <https://poweshiekwater.com/water-facts>