HOUSEHOLD WATER USAGE

Type of Use	Flow Rate (GPM)	Total Use-U.S. Gallons	Gallons Used per day	Low Flow Fixture GPM/GPD/GPF	Low Flow Usage-U.S. Gallons/day	Usage saved-U.S. gallons/day
Automatic Washer	5 gpm	40g/load	80g (based on 2 loads per day)	High Efficiency (23 g per load)	46 (based on 2 loads per day)	34g
Dishwasher	2 gpm	8-14g/load	28g (based on 2 loads/ day)	Vary depending on setting	Light rinse cycle (appx.10% reduction)	3g
Garbage Disposal	3 gpm	6g/day	6g	Vary depending on water use	Vary depending on water use	0
Kitchen sink	3 gpm	2-4 gallons per use	12g (based on 3 uses per day)	1.5-2.0 gpm	8g (2.0 gpm X 4g per use)	4g
Shower	3.5-8 gpm	6-8 minutes per use	64g/use X 4 uses = 256 gpd	1.5-2.5 gpm	20g/use x 4=80g (2.5 gpm)	176g
Tub	5 gpm	24g to fill	24g/use X family (4) = 96g	Reduce water level 25%	18g per use X 4= 72 g	24g
Toilet	3.5-7 gpf	7gpf X 12 uses/day	84g (family of 4)	1.6 gpf	19.2g (family of 4 X 3 uses/day	64g
Bathroom lavatory	2 gpm	2gpm/use x 4 persons/day X 2 uses/ person	16 g	1.0 gpm	1gpm/use x 4 persons/day X 2 uses/person = 8g	8g
Outside hose faucet	20-25 gpm	2 hours per day @ 25 gpm = 3000 g	3000	1 hour/day. Low flow sprayers saves 5 gpm	1 hour per day @ 20gpm= 1200 gallons	1800g
Totals			**3578g**			**2113g**

Note: If a household was to reduce fixture flows and usage as rated above it would reduce water usage 69% per day or approximately 1,465 gallons per day in the summertime which equates to 43,950 gallons per month. During winter months where there is limited or no outside water usage it would still reduce usage approximately 265 gallons per day or 7,950 gallons in a month.

Symbols:

gpm = gallons per minute
gpd = gallons per day
gpf = gallons per flush
g = gallons