

# NATIONAL WATER USAGE

## Water Usage

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### Outdoor Water Consumption

WSSC's rates are based on a customers' average daily consumption (ADC). As your consumption increases, like during dry conditions, your rates will also increase.

| Hose Size | LBS. Pressure Per Sq Inch | Time   | Gallons Used |
|-----------|---------------------------|--------|--------------|
| 1/2 Inch  | 60                        | 1 Hour | 630          |
| 5/8 Inch  | 60                        | 1 Hour | 1,020        |
| 3/4 Inch  | 60                        | 1 Hour | 1,860        |

| Product           | Duration              | Frequency    | Gallons Per Month |
|-------------------|-----------------------|--------------|-------------------|
| Irrigation System | 15 min (with 8 zones) | 2 times/week | 15,360            |
| Sprinkler         | 1 hour                | 3 times/week | 12,240            |

#### Irrigation Systems

On average a pop-up station (irrigation system) uses approximately 16 gallons per minute (GPM). Here is an example of how to calculate how much water is being used per month:

Number of Minutes x Number of Stations/Zones = Total Minutes

Total Minutes x Gallons per minute = Total Gallons used per watering cycle

Total Gallons per cycle x Number of days per month you water = Total gallons used per month

If your system has 8 stations, you water twice a week, and each station runs for 15 minutes, then you are using 1,920 gallons per day you water, or 15,360 gallons per month.

#### Sprinklers

Running a typical sprinkler from a standard garden hose (5/8") for one hour uses about 1,020 gallons of water; if you run it three times per week, that is about 12,240 gallons per month. If you run the sprinkler three times a week during a 90-day billing cycle, you will add about 36,000 gallons of water to your usage.

## Indoor Water Consumption

| Activity               | Gallons Used                     |
|------------------------|----------------------------------|
| Toilet Flushing        | 2.6 gallons per flush*           |
| Shower (water running) | 28.1 gallons per day             |
| Bath (full tub)        | 3.6 gallons per day              |
| Laundry Machine        | 31 gallons per load              |
| Dishwasher             | 6.1 gallons per load             |
| Faucet                 | 26.3 gallons per day             |
| Brushing Teeth         | 10 gallons (tap running) per use |
| Washing Hands          | 2 gallons (tap running) per use  |
| Shower                 | 28.1 gallons per day             |

\* The rate of consumption for water-saving devices or products significantly varies. Please check the plumbing fixture package to determine the merchandise's efficiency.

\*\* **AVERAGE CONSUMPTION PER DAY PER PERSON = 55 GALLONS**

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