



# 2018 ANNUAL WATER WITHDRAWAL AND USE REPORT SUMMARY

PUBLIC WORKS DEPARTMENT

May 2019

In accordance with the State of Arizona Groundwater Code, the Director of the Department of Water Resources is required to levy and collect an annual groundwater withdrawal fee from each person (municipality) who owns the right to withdrawal the groundwater within the Prescott Active Management Area.

## 2018 CITY OF PRESCOTT WATER USE IS SUMMARIZED BELOW

1 Acre-Foot (AF) = 325,851 gallons

**TOTAL WATER  
PUMPED**  
**6,763.75 AF**

The majority of water to serve City water customers is pumped from seven (7) wells; five (5) are located in Chino Valley area, and two (2) are located near the Prescott Regional Airport. The supplies pumped are in accordance with the City's Service Area Right No. 56-003017 established in the early 1980s.

**TOTAL WATER  
RECHARGED**  
**3,172.91 AF**

Two types of water are recharged in accordance with the City's Recharge Facility (USF) Permit No. 71-421123.0001: surface water from Watson and Willow Lake Reservoirs, and return flows (reclaimed water) from customers connected to City wastewater collection and treatment facilities.

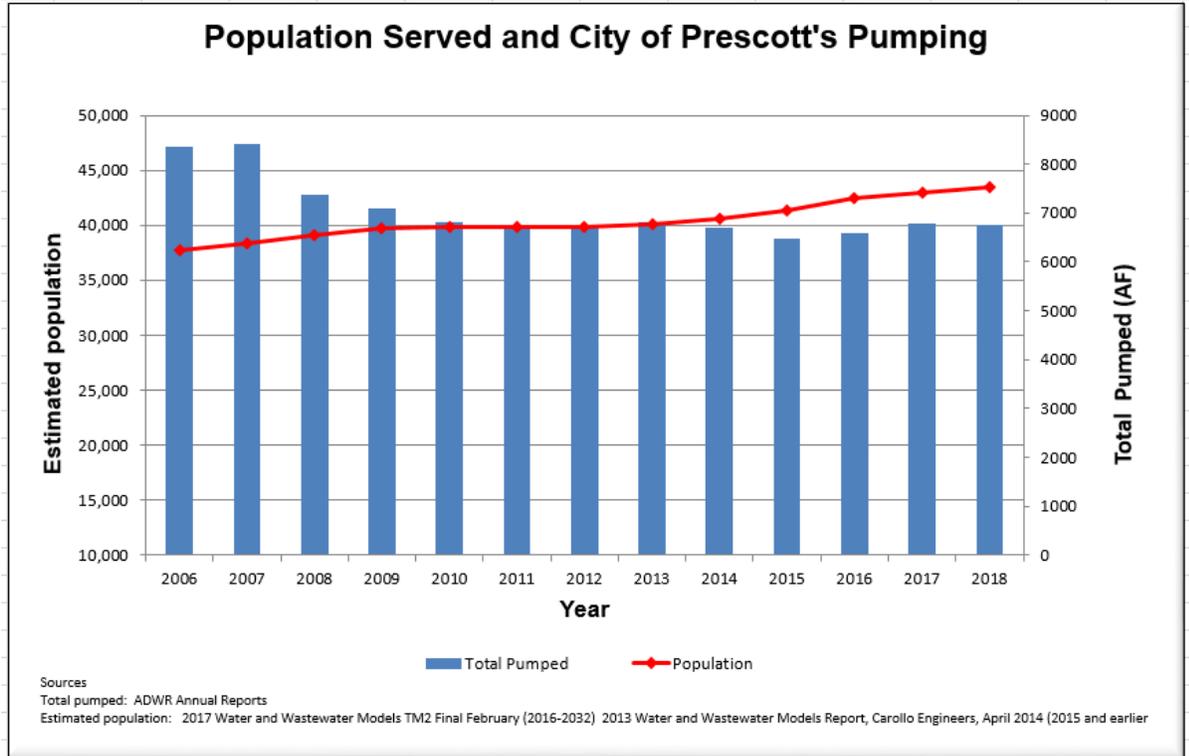
**TOTAL WATER  
USE BY  
CUSTOMERS**  
**6,220.32 AF**

The City of Prescott provides water to homes and business' both inside, and in certain areas, outside of the city limits. The largest category of the customer base is residential, using about 67% of the volume consumed each year. The next largest is commercial, using 19% of the volume billed.

A complete copy of the 2018 Annual Water Withdrawal and Use Report can be requested at [www.prescott-az.gov](http://www.prescott-az.gov)

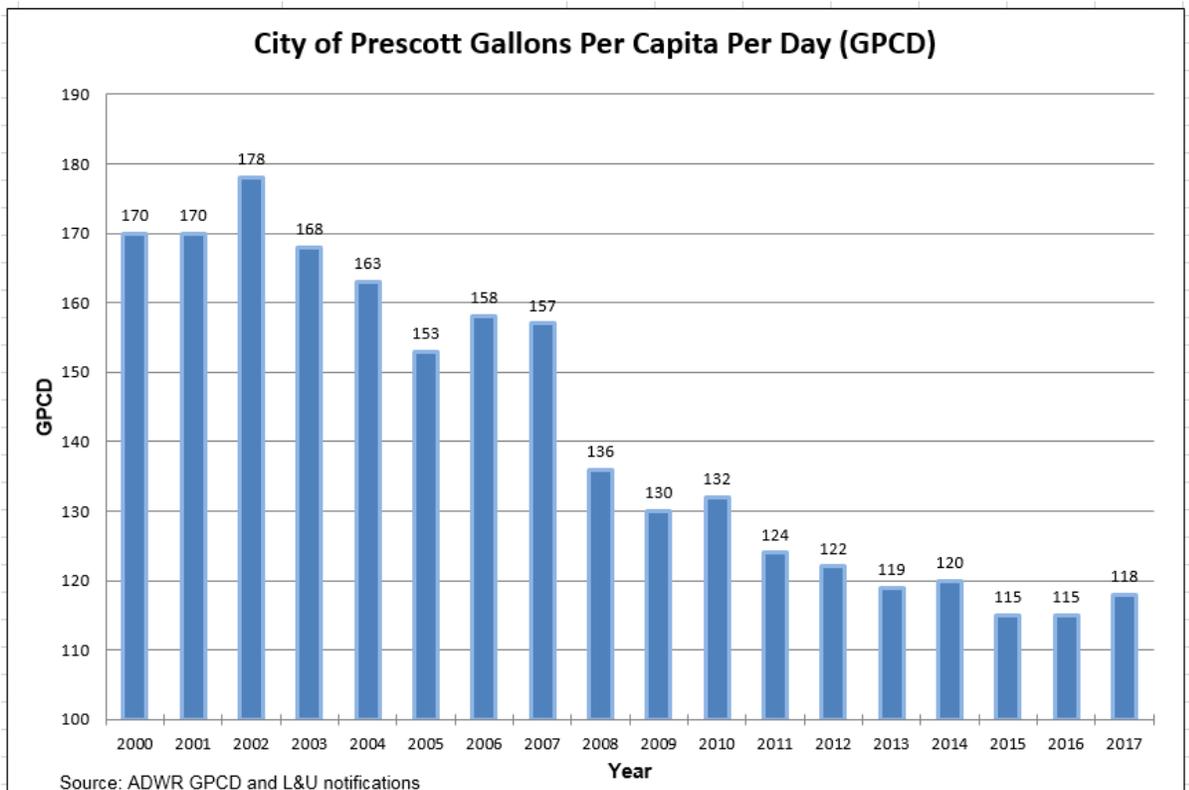
## Population Served and Pumping

The chart shows the City's pumping since 2006. City customer water bills are based on a tiered rate structure. Once you use more than the first tier of water, the rates increase. Due to this and other water conservation efforts, demand has decreased while the population has increased.



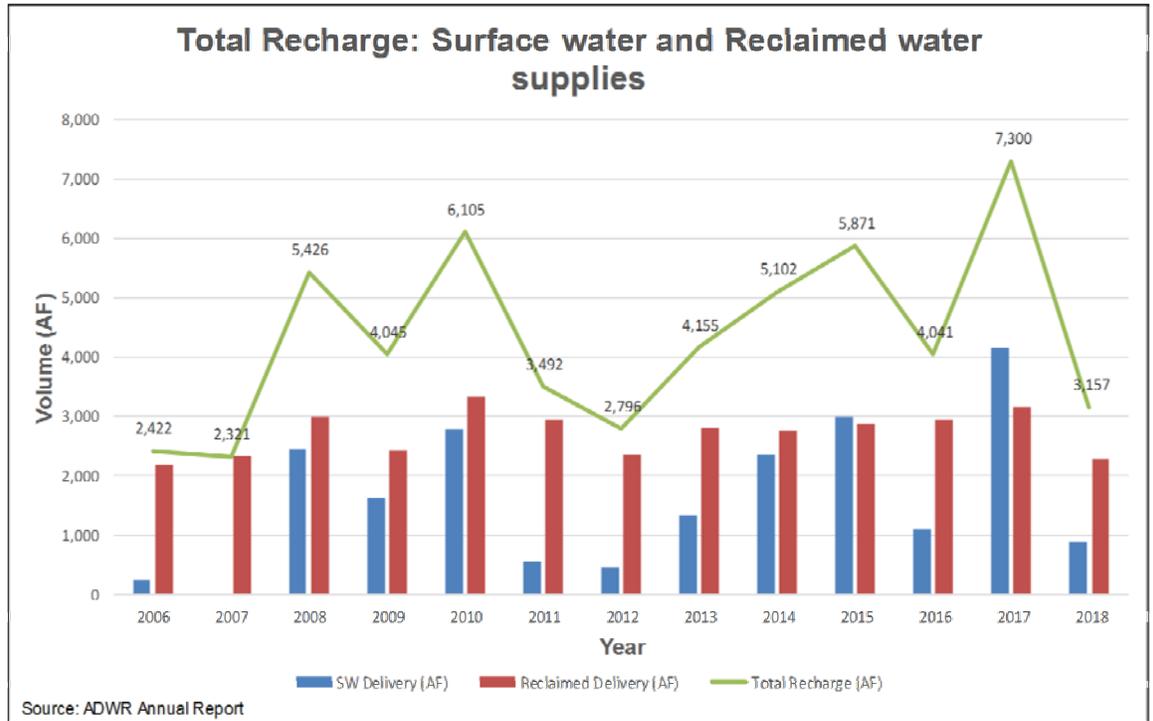
## City's Gallons Per Capita per Day (GPCD)

Since 2002, the City's GPCD has decreased showing the benefits of a tiered rate structure, and a water conscientious community. Each year the City's Annual Report is reviewed by the State of Arizona and the actual GPCD is calculated. The 2018 GPCD will be available in mid-2019.



## Total Recharge

The City recharges surface water and reclaimed water supplies. Note that surface water has high variability due to its dependence on weather patterns in any given year.



## 2018 Total Water Use by Customer Type

The City reports customer water billing categories in accordance with State of Arizona requirements.

