



FACT SHEET

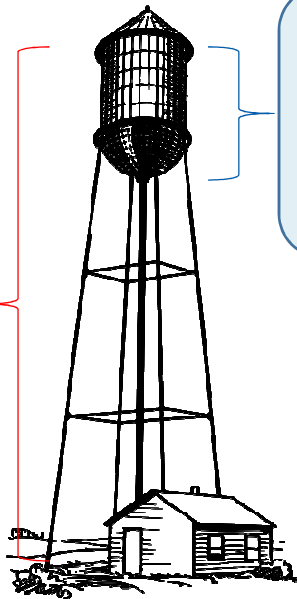
Elevated Storage Tanks

Not Just for School Mascots

They serve many important functions for the water system.

Elevated Storage Tanks, also known as, Water Towers are there to provide a volume of water at a certain pressure.

How tall the tower is determines how much pressure it provides for the system.

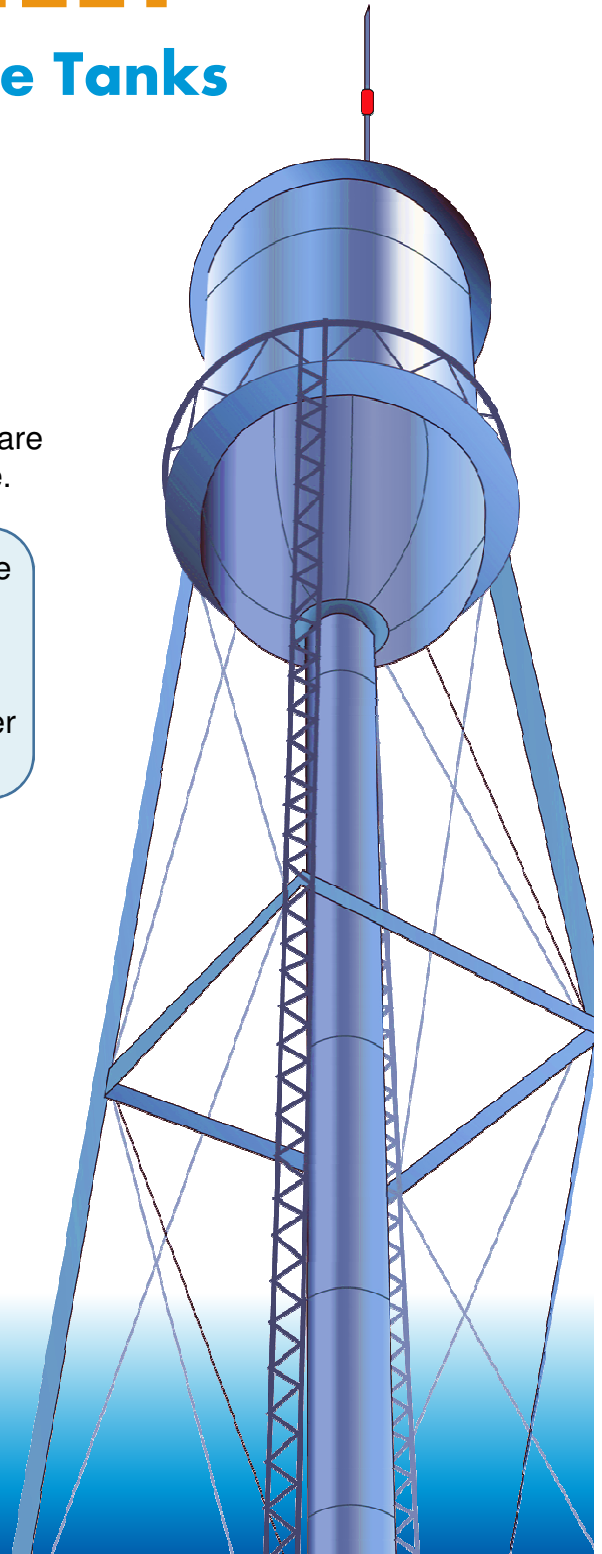


The size of the "bowl" determines how much water the tower can hold.

In fact, for every 2.31 feet of height, a water tower generates 1.0 psi.



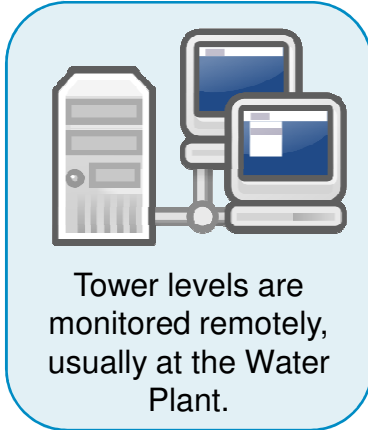
So, a 200 foot Water Tower can generate 86.6 pounds of pressure.



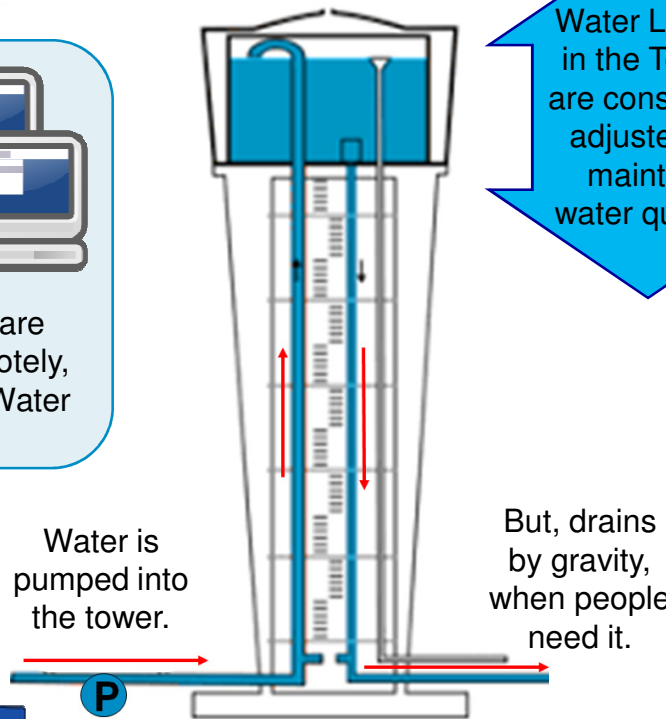


Texas AWWA

American Water Works Association



Tower levels are monitored remotely, usually at the Water Plant.



Water Levels in the Tower are constantly adjusted to maintain water quality.

The Towers provide pressure and volume to help fight fires.



One of the components that help determine Homeowner Insurance Rates is how much Elevated Storage is in your cities water system. The more storage and pressure, the lower the Homeowner Insurance Rates.

Water Pipe Sizes and Fire Hydrant Spacing are other components that affect it.



See how many Water Towers you can spot, on your next trip.

Still Have Questions?

Contact your local water supplier for answers, or the Texas Section AWWA at www.tawwa.org