

# Water for Texas

## Texas Water Development Board's Drought Resources

The Texas Water Development Board (TWDB) provides assistance and education for the management of water resources to ensure that Texans have the information they need to conserve and responsibly develop water. Some of the resources available include the following information and programs:

### Literature

Water conservation brochures and other tools are available free of charge to the public in limited amounts or for sale when larger quantities are requested. Additional information can be found at <http://www.twdb.texas.gov/publications/brochures/conservation/index.asp>.

### School Education Programs

Educational programs focus on building understanding about water resources, state water planning, and water conservation across the state. To better serve the school-based audience, TWDB Kids was created as the web portal to the K-12 educational resources offered by the agency. The major educational programs of TWDB, including Major Rivers, Raising Your Water IQ, and Water Exploration, are linked through this website, which also features visualizations and interactive games to help students, educators, and parents learn about key concepts in water resources and conservation. Additional information can be found at <http://www.twdb.texas.gov/conservation/education/>.

### Statewide Outreach

*Water IQ: Know your water* is a public awareness water conservation program developed and implemented by the TWDB to educate Texans about their water resources. Access to this information is provided across the state to support local entities with their existing public awareness programs. A public awareness guide, *Developing a Water Conservation Public Awareness Program: A Guide for Utilities*, is

available for utilities that would like to expand or develop a program. *The Water IQ: Know your water* website, [www.wateriq.org](http://www.wateriq.org), provides local and regional information about water conservation in Texas.

### Water Conservation Plans

State water law requires certain entities, including water providers, to develop water conservation plans with quantified five- and ten-year targets for water savings. These entities are also required to submit annual reports on their progress in implementing their water conservation plans. Additional information for water conservation plans can be found at <http://www.twdb.texas.gov/conservation/municipal/plans/>.

### Water Loss Audits

Reducing the amount of water loss can be a significant conservation measure for utilities. By minimizing water loss, utilities can increase their efficiency, improve their financial status, reduce the need to search for additional water sources, and help sustain long-term water supplies. Additional resources can be found at <http://www.twdb.texas.gov/conservation/municipal/waterloss/>.

### Drought Conditions

To provide updated drought information, the TWDB compiles drought index data, prepares a monthly *Texas Water Conditions* report, and maintains information on reservoir storage for different

regions of the state as well as individual reservoirs. The primary areas of focus of the TWDB are preparing for drought through regional and state planning, monitoring water resource conditions, and making drought-related information available to Texans. Additional information can be found at <http://www.twdb.texas.gov/data/drought/index.asp>.

### **Groundwater Well Information**

Groundwater staff collects and maintains a database of water wells that contains information on location, depth, well type, owner, driller, construction and completion data, aquifer, water level, and water quality data. Staff can also provide a quick overview of groundwater resources in your area. Additional information can be found at [http://www.twdb.texas.gov/gwrd/waterwell/well\\_info.asp](http://www.twdb.texas.gov/gwrd/waterwell/well_info.asp).

### **Innovative Water Technologies**

Innovative Water Technologies staff educates the water community on the use of nontraditional water supplies by funding and participating in research and demonstration projects and disseminating information through outreach activities. Nontraditional water supply development and management technologies include desalination and water reuse. Additional information can be found at <http://www.twdb.texas.gov/innovativewater/>.

### **2012 State Water Plan**

The 2012 State Water Plan was created to ensure that Texas has water for the future. Working together, Texans can achieve the plan's goal: dependable, safe, and affordable water for the future during times of drought. Sixteen regional water planning groups review water use projections and water availability in dry or drought-of-record conditions and recommend water management strategies that provide additional water supplies. More information can be found at <http://www.twdb.texas.gov/wrpi/swp/swp.asp>.

### **Financial Assistance for Water Supply**

Among other state and federal agencies, the TWDB administers financial assistance for water supply and drinking water. Additional information on specific programs can be found at <http://www.twdb.texas.gov/financial/programs/>.