



WATER USAGE UPDATE

AUGUST 2020

OVERVIEW

As we approach the hottest part of the summer, the City of Frisco is asking water customers to be mindful of their water usage. The recent spike in consumption is primarily due to an over abundance of lawn and landscape watering. More than 60 percent of water consumed during summer months in Frisco is used for outdoor irrigation.

Water is often wasted due to evaporation, overspray from wind, runoff from over-watering and inefficient irrigation systems. According to the EPA WaterSense, homes with automatic sprinkler systems use approximately 50 percent more water than those without. A properly maintained irrigation system will help to reduce water waste and save money on your utility bill.

Future growth and development is important to our community. As Frisco grows toward projected build out, it is essential to maintain water usage within our water contract with the North Texas Municipal Water District. If we work together to reduce water waste and use only what is needed, we can continue to maintain a proper balance in our community.

The City of Frisco monitors GPCD or gallons per capita daily as a means to quantify water usage. GPCD is defined as the total number of gallons used by the city divided by the population. The GPCD in winter averages below 100. During summer, it can soar over 300 GPCD. The chart (below) shows the annual GPCD average in Frisco since the year 2000. It demonstrates the impact water conservation has on our community. Frisco has reduced its GPCD in spite of population growth.

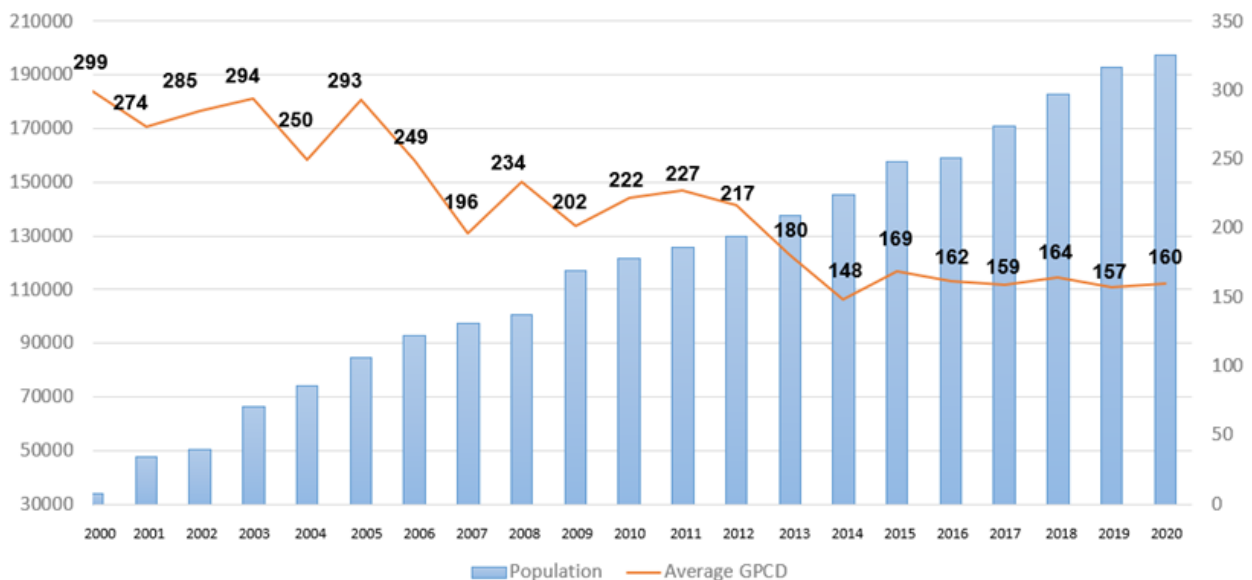
The City of Frisco's Water Management Plan is designed to reduce water waste and to provide long-term protection of our water supply.

Key measures are outlined in these Best Management Practices:

- Keep sprinkler systems turned off until data from Frisco's weather station indicates watering is needed.
- Watering is permitted once per week on your regular residential trash/recycling day.
- No watering 10 a.m. to 6 p.m. during Daylight Saving Time.
- Water using a hand-held hose, soaker hoses, drip irrigation, or bubbler systems for up to two hours any day, if additional watering is needed.

We appreciate all of your efforts and continued support as we partner together to reduce water waste in Frisco.

Population vs. GPCD



State Goal - 148 GPCD

Chart reflects data through June 2020



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HOW CAN YOU HELP?

Subscribe to Frisco's weekly [WaterWise e-Newsletter](#).

Receive weekly lawn watering advice and seasonal tips to maintain a beautiful lawn and landscape while conserving water.

Visit the City's [Water Resources website](#).

Learn about water saving programs, the state of our water supply, how to maintain an efficient irrigation system, setting your controller and more.

Comply with [Frisco's watering schedule](#).

Watering is permitted once per week on your trash/recycle day unless weather station data recommends an additional day is necessary.

Report water waste via [myFRISCO app](#).

City staff patrols the community for [water waste](#).

Schedule a [FREE Sprinkler Check-Up](#).

Have one of Frisco's licensed irrigators check your sprinkler system for operational efficiency. Use the [myFRISCO app](#) to schedule an appointment for your home or HOA.

Over seeding is prohibited.

Over seeding lawns with cool season grasses such as rye or fescue is prohibited in Frisco.

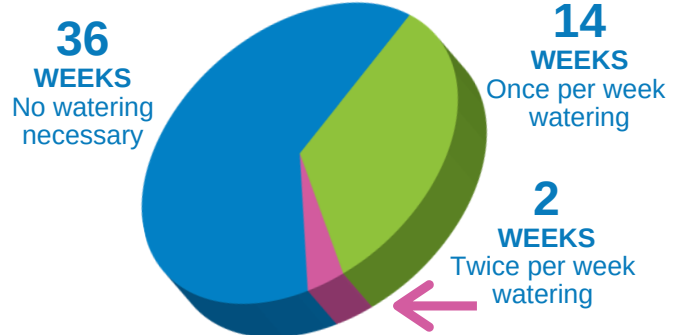
Schedule a presentation for your HOA.

A brief presentation with a water supply update and information on current watering recommendations will keep you and your homeowners informed. To schedule an in-person or virtual presentation, email WaterWise@FriscoTexas.gov.

Questions? We are here to help.

Email WaterWise@FriscoTexas.gov or call the Public Works Department at 972-292-5800.

Annual Watering Recommendations (based on 2019 data from Frisco's weather station)



Weekly weather conditions can greatly affect a lawn's watering requirement. Since 2008, the City of Frisco has provided lawn watering advice based on data collected from the city's [scientific weather station and rain gauges](#). A number of factors are considered when calculating weekly watering totals including evapotranspiration, average rainfall, effective rainfall, turf coefficients, growth factors, solar radiation, wind speed and direction, and humidity. Frisco's [watering recommendations](#) are designed to help determine an adequate amount of supplemental water that is needed to maintain a healthy lawn.

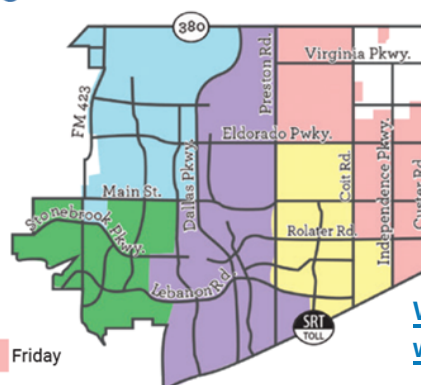
Thus far in 2020, there have been 23 weeks when Frisco did not need any outdoor watering, 7 weeks when there was a need to water on your trash collection day, and only 1 week when watering was needed two days per week. With more than 10 years of data collection, Frisco's recommendations illustrate how infrequently supplemental irrigation with a sprinkler system is needed to meet weekly lawn watering requirements.

FRISCO'S WATERING Schedule

Watering with a sprinkler system is permitted once per week in Frisco. Water only when needed on your recycling and trash collection day.

No watering between 10 a.m. - 6 p.m. during Daylight Saving Time.

Use hand-held and soaker hoses, drip irrigation and bubblers up to two hours daily.



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www.FriscoTexas.gov/Water