

WE HAVE BIG PLANS FOR
OUR WATER FUTURE BECAUSE

WITHOUT WATER *life would be* **PRETTY DRY**



WE CARE ABOUT THORNTON'S WATER.

We care about our community and our impact on the environment. That's why we're making every effort to save water—just like our customers.

SECURING WATER RESOURCES.

We're committed to protecting the quantity, quality and delivery of our city's water now and for years to come.

WE'RE IN THIS TOGETHER.

From drought planning to approving new water use rules, we're working with you to ensure Thornton is well prepared for whatever lies ahead. Because

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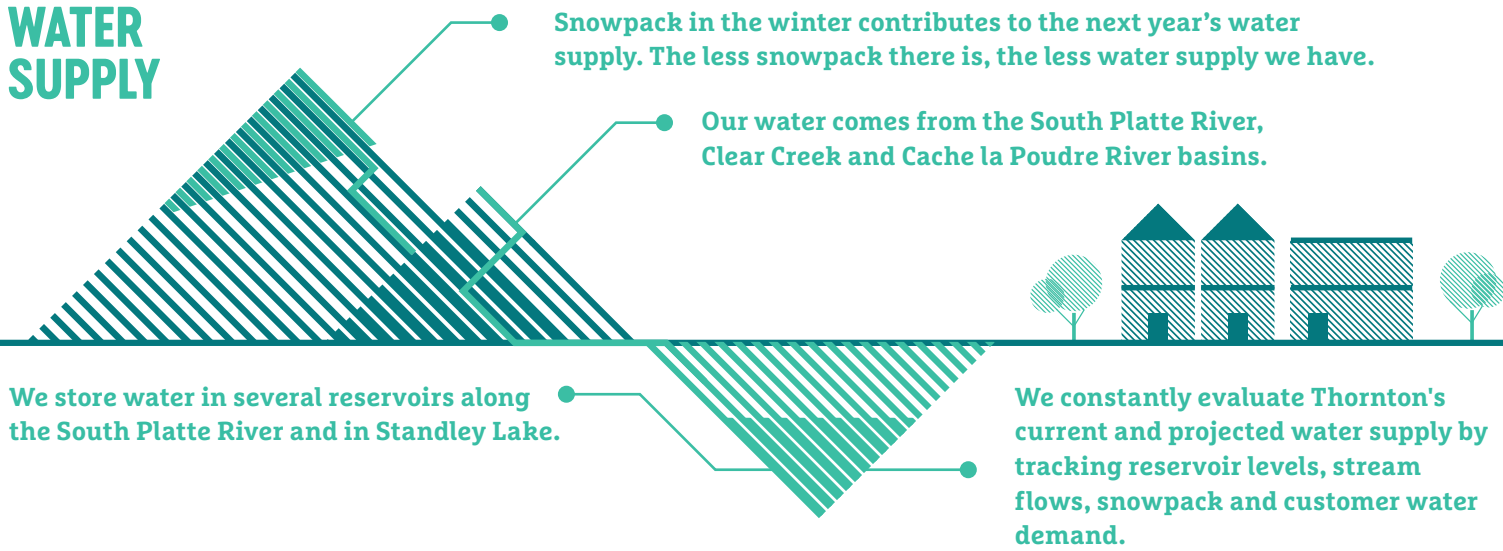
FOR MORE INFORMATION ABOUT THE CITY'S WATER PLANS AND PROGRAMS VISIT **THORNTONWATER.COM.**



SUPPLY, DEMAND AND DROUGHT EXPLAINED.

Thornton Water is continuously balancing supply and demand to ensure the consistent delivery of water to customers. Demand is affected by weather; it's lower in cool, wet years and higher in hot, dry years. Thornton's Drought Management Plan helps manage the demand side of the equation. (We can't control Mother Nature, but we can be prepared for when she throws us a dry spell.)

WATER SUPPLY



WATER DEMAND THORNTON WATER IS USED BY:



The demand for water fluctuates dramatically throughout the year. For example:

IN WINTER, WATER CUSTOMERS USE AS LITTLE AS **9.6 MILLION GALLONS A DAY**,  COMPARED TO AS MUCH AS **46.3 MILLION GALLONS A DAY** IN THE SUMMER MONTHS. 

Residents have decreased Residential Gallons Per Capita Per Day (GPDC) from **103 IN 2002 TO 75 IN 2019.**

GPDC is calculated by dividing the number of gallons used in a year by the population and then dividing by 365 days.

DROUGHT

MANY FACTORS IMPACT OUR WATER SUPPLY AND USAGE, BUT THE BIGGEST ONE IS DROUGHT. DROUGHT CAN CREATE A WATER SUPPLY SHORTAGE WITH CASCADING EFFECTS.



Drought can lead to wildfires, which are a natural occurrence, but they can threaten land, homes, water and air quality, and they require exhaustive efforts from firefighters.

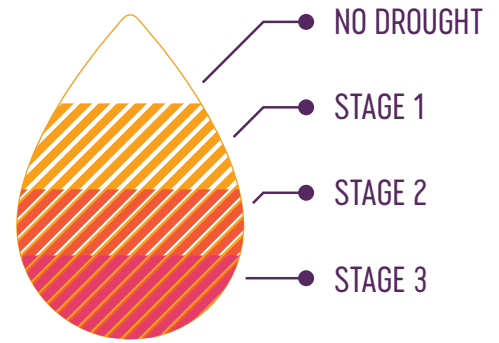
Drought can have a big impact on water customers (and their water bills). Higher temperatures and lack of precipitation lead to higher landscape water demand, making irrigation efficiency even more important.

Local farms and food production are also impacted by drought, affecting our food sources and local economy.

DROUGHT PLANNING AND RESPONSE

When it comes to drought, we're more than a few drops ahead.

As your water service provider, we monitor water supply and drought conditions. In our semi-arid climate, periods of drought are expected and we're prepared for them. Our Drought Management Plan identifies key indicators of the different stages of drought and the steps we need to take to manage our supply during each stage. For current rules and restrictions, visit ThorntonWater.com/Drought.



STAGE 1: MODERATE TO SEVERE

INDICATOR 1: July 1 water storage (supply) is projected to be less than 75% full.

INDICATOR 2: Regional drought conditions exist and are expected to persist.

GOAL: Reduce demand up to 45% depending on the severity of shortage.

RESPONSE: Mandatory outdoor watering restrictions will be in place and enforced to achieve demand reduction targets. Fines may be imposed.



STAGE 2: EXTREME

INDICATOR 1: July 1 water storage is projected to be less than 50% full.

INDICATOR 2: Regional drought conditions exist and are expected to persist.

GOAL: Reduce demands by more than 45% depending on the severity of shortage.

RESPONSE: Mandatory restrictions are enforced; outdoor residential watering is prohibited with exceptions for established trees. Fines may be imposed.



STAGE 3: EXCEPTIONAL

INDICATOR 1: July 1 water storage is projected to be critically low, less than 35% full.





INDICATOR 2: Regional drought conditions exist and are expected to be prolonged.

GOAL: Ration water according to assigned water budgets.

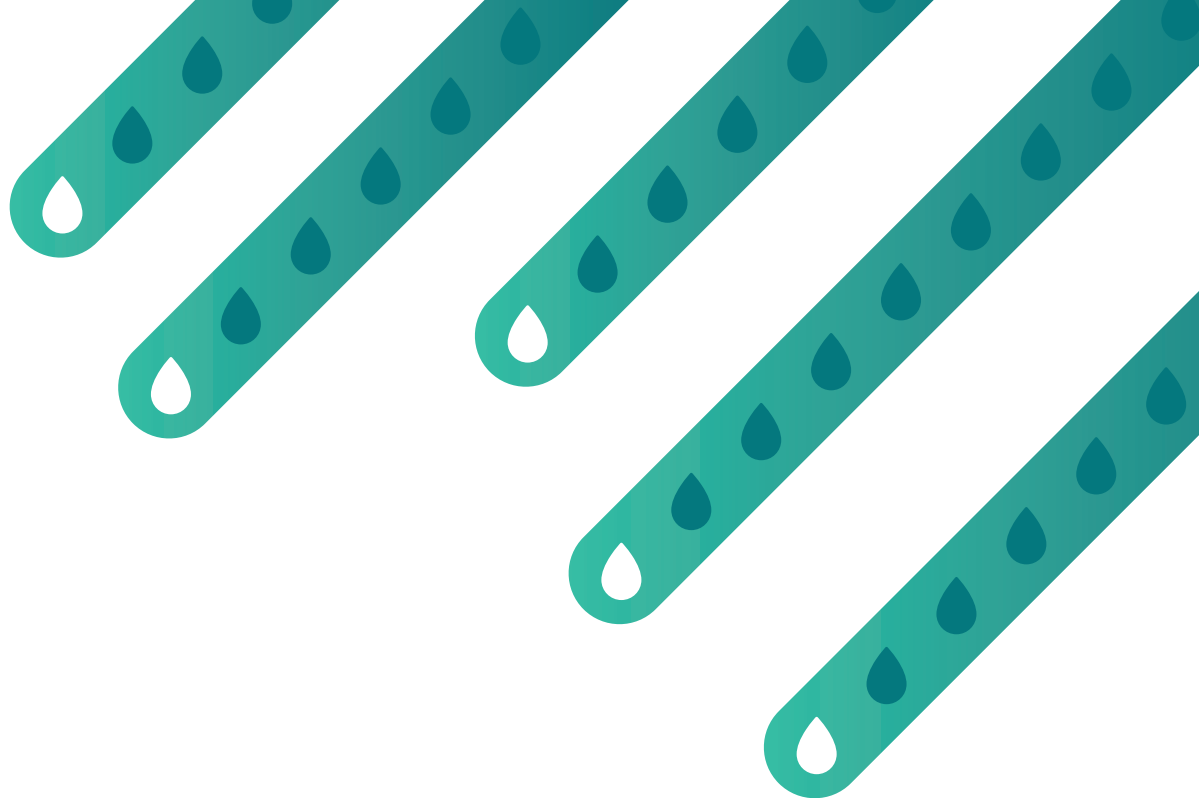
RESPONSE: Same as Stage 2 with no exceptions. Strict rationing may be enforced and a surcharge activated.

WATERING RULES AND GUIDE

In 2021, Thornton incorporated permanent Water Use Rules into the City Code. This Watering Guide reflects some of the new rules and provides instructions for watering lawns up to three days per week for the following number of minutes per day. For complete Water Use Rules visit ThorntonWater.com/SavingOutdoors.

	MAY	JUNE	JULY	AUGUST	SEPTEMBER
FIXED SPRAY NOZZLES					
	12 MINUTES	17 MINUTES	18 MINUTES	14 MINUTES	11 MINUTES
ROTORS					
	24 MINUTES	35 MINUTES	36 MINUTES	27 MINUTES	23 MINUTES
ROTARY NOZZLES					
	30 MINUTES	43 MINUTES	45 MINUTES	34 MINUTES	28 MINUTES
MANUAL SPRINKLERS					
	18 MINUTES	26 MINUTES	27 MINUTES	20 MINUTES	17 MINUTES

Total minutes per zone, per watering day. We recommend Cycle and Soak when possible. (Break watering times into three short cycles.) Water lawns no more than 3 days/week. Adjust your watering schedule frequently according to the weather. Watering is not allowed between 10 a.m. and 6 p.m.



LEARN MORE AT THORNTONWATER.COM

Check out *Waterblogged* for information about water plans, projects and progress at ThorntonWater.com/Blog

Learn about customer programs, free services and rebates at ThorntonWater.com/Rebates

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