



# CURRENT OUTSIDE WATER USE CONDITIONS REPORT

Updated: August 30, 2023

Conditions report runs from August 22 to August 28

1-month precipitation (% of normal)	3-month precipitation (% of normal)	Weeks without rain	Eramosa River Flows (m <sup>3</sup> /s)	Average Daily production (m <sup>3</sup> )	Highest production day (m <sup>3</sup> ) - July 5	Monthly Max Production: % of total capacity
123%	126%	0.0	1.06	45,985	57,984	81%

## Precipitation Summary

- One-month precipitation is 23 percent above normal.
- Three-month precipitation is 26 percent above normal.
- On Wednesday, August 23<sup>rd</sup>, there was a precipitation event with 12.75 mm of rain, followed by 11.75 mm of rain on Thursday, August 24<sup>th</sup>.

## Production Summary

- The average daily water production for the past week was 45,985m<sup>3</sup> which is down from last week's 46,033m<sup>3</sup>.
- In the past week:
  - Lowest production day: Sunday, August 27<sup>th</sup> at 40,478 m<sup>3</sup>
  - Highest production day: Tuesday, August 22<sup>nd</sup> at 49,052 m<sup>3</sup>
- The highest production so far, for this year was 57,984 m<sup>3</sup> on July 5.

## Temperature Summary

- The upcoming week will see daytime and nighttime temperatures remaining at normal but gradually climb to above for this time of year. (Normals are 23°C and 12°C).

## Level Summary

- We remain in Level 0 – Blue due to the constant precipitation seen in the past week. However, conditions will be monitored closely as we continue into August, a historically hot and dry month.
- The Grand River Low Water Response Team are keeping conditions at Level 1 throughout the watershed.
- Production numbers have decreased slightly from last week, but still well below normals for this time of year.



## Eramosa River Flows

River levels and flows are monitored regularly as they can change dramatically after heavy rainfalls or snowmelts, or during periods of severe dry weather. The information gathered from observing these conditions is used to inform water management decisions, such as OWUP restrictions. To ensure the Eramosa River remains healthy, the City of Guelph's Outdoor Water Use Bylaw states that water can no longer be collected from the Eramosa River when the flow of the River falls below 0.43 m<sup>3</sup>/s. For more information about local river flows and water levels visit [grandriver.ca](http://grandriver.ca). Current river flows are 1.06 m<sup>3</sup>/s.

### About this report

The data reported herein has been obtained from Environment Canada and the Grand River Conservation Authority and summarized by City of Guelph staff. This information is reported on a weekly basis during the summer months to keep residents informed of the conditions that affect Guelph's municipal water supply and the Outside Water Use Program.

For more information on Guelph's Outside Water Use Program, visit [guelph.ca/water](http://guelph.ca/water), or call 519-822-1260 extension 2153.