



Outside Water Use Conditions Report

Reporting period: July 31 to Aug 6

Issue date: Aug 7, 2024

Background

The City of Guelph’s Outside Water Use Program (OWUP) was created in 2002 to help reduce water demand during peak periods and to conserve and protect our groundwater during the summer months. Based on weather trends and local watershed conditions, the OWUP has three levels that affect residential outside water use – Level 0 Blue, Level 1 Yellow and Level 2 Red.

Precipitation Summary

Table 1 Precipitation Summary

	Precipitation (mm)	% of Normal	Level
One-month	179	182%	Blue
Three-month	336	128%	Blue

Table 2 Days without rain

	Days	Level
Without rain	5	Blue

- Last rain date: Thursday August 1: 17 mm.

Eramosa River Flows

Table 3 Eramosa river flows

Min River flow m3/s	% of minimum flow rate	Level
1.07	119 %	Blue



Temperature Summary

Table 4 Temperature summary

	Past Week		2-Week Forecast	
	Min	Max	Min	Max
Temperature °C	12.6	29.8	12	24
Normals °C	14	26	13	25

Production Summary for past week

Table 5 Production summary for past week

	2024	2023
Minimum m3	39,838	41,072
Maximum m3	51,759	49,093
Average m3	44,199	46,064

- Highest production day for year: 56,725 m3* on Wed May 15, 2024
- * Reflects operational work

Level Summary

- We are still in level 0 Blue. We had 17mm of rain last Thursday, which moved our monthly normals to 182% of normals. Yesterdays anticipated heavy rainfall, missed us and we only registered 1mm of rain.
- The upcoming forecast is showing a chance of rain nearly every day, but all low amounts of rain.
- Temperatures this past week were normal for this time of year. Temperatures are predicted to be normal for the next 2 weeks with a break in the high humidity.
- Average production amounts in the past week are trending slightly lower than the same as last year at this time and overall for the month of July production is trending lower than last year and lower than the 10 year average.

Grand River Low Water Response Team Updates

Members of the Grand River Low Water Response Team last met on January 31, 2024.

The Low Water Response Team did not meet this week.

About this report

The data reported herein has been obtained from Environment Canada, Grand River Conservation Authority, Weather Network, City monitoring systems and summarized by City of Guelph staff. This information is reported weekly during the summer months of May to September to inform the

LEVEL
0

BLUE
CAREFUL USE



community of the active level under the Outside Water Use Program. For more information on Guelph's Outside Water Use Program, visit guelph.ca/water or call 519-822-1260 extension 2153.