



BLUE
CAREFUL USE

CURRENT OUTSIDE WATER USE CONDITIONS REPORT

Updated: May 12, 2021

Conditions report runs from May 5 to May 11

Summary

The current Outside Water Use Program (OWUP) level is **Level 0 Blue – Careful Use**.

Precipitation Summary

- One-month precipitation is 46 percent below normal – down from last week.
- Three-month precipitation is 54 percent below normal – down from last week.
- Last significant rainfall event occurred on May 8 with 8 mm of rain.
- In the upcoming week, a small chance of rain is expected next Wednesday – but only about 3mm.

Production Summary

- The average daily water production for the past week was 45,318 m³
- In the past week:
 - Lowest production day: Sunday at 42,502 m³
 - Highest production day: Thursday at 46,744 m³
- The highest production for this year was 48,477 m³ on April 27.

Temperature Summary

- The forecast has been cool again this week with temperatures below normals – BUT! (put the tomatoes back out on the weekend!) Temperatures are rising to at or above normal in the upcoming week. Night time temperatures will hit a steady 10°C by Sunday night. Both daytime and nighttime temperatures will be warmer than normal for this time of year after the weekend. (Normals are 19°C and 7°C).

Level Summary

- Precipitation has been well below normal for this time of year. Normal precipitation for April and May is 156mm and so far in April and May we have only had 72mm of precipitation. This now puts the indicators in red for 1 month and 3 month precipitation.
- Water production is slowly creeping up compared to production levels in 2019 and 2020 at this same time of year.
- With the cooler temperatures in the past few weeks, it is keeping soils moist and soil temperatures low, which is causing a delay to spring blooms, but this will change next week with the anticipated warmer temperatures.
- There is no significant precipitation in the next 7 day forecast so we will be very closely monitoring conditions in the next week.



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 m³/s. For more information about local river flows and water levels visit grandriver.ca. Current river flows are 1.1 m³/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 in order 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, or call 519-822-1260 extension 2153.