A close-up photograph of a green leaf with water droplets, set against a blurred background of a stream and foliage. The leaf is in the foreground, showing several small, clear water droplets on its surface. The background is a soft-focus view of a stream with water flowing over rocks, surrounded by lush greenery. The overall tone is natural and serene, emphasizing the theme of water conservation.

Conservation of Water, A Concern Identified by the BC Government

Climate change has resulted in serious shortages of potable water in several communities and the risk of shortages to many others

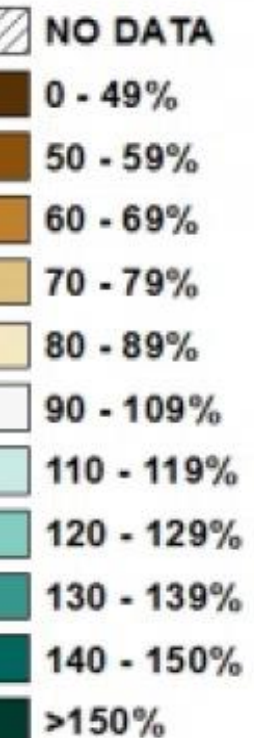


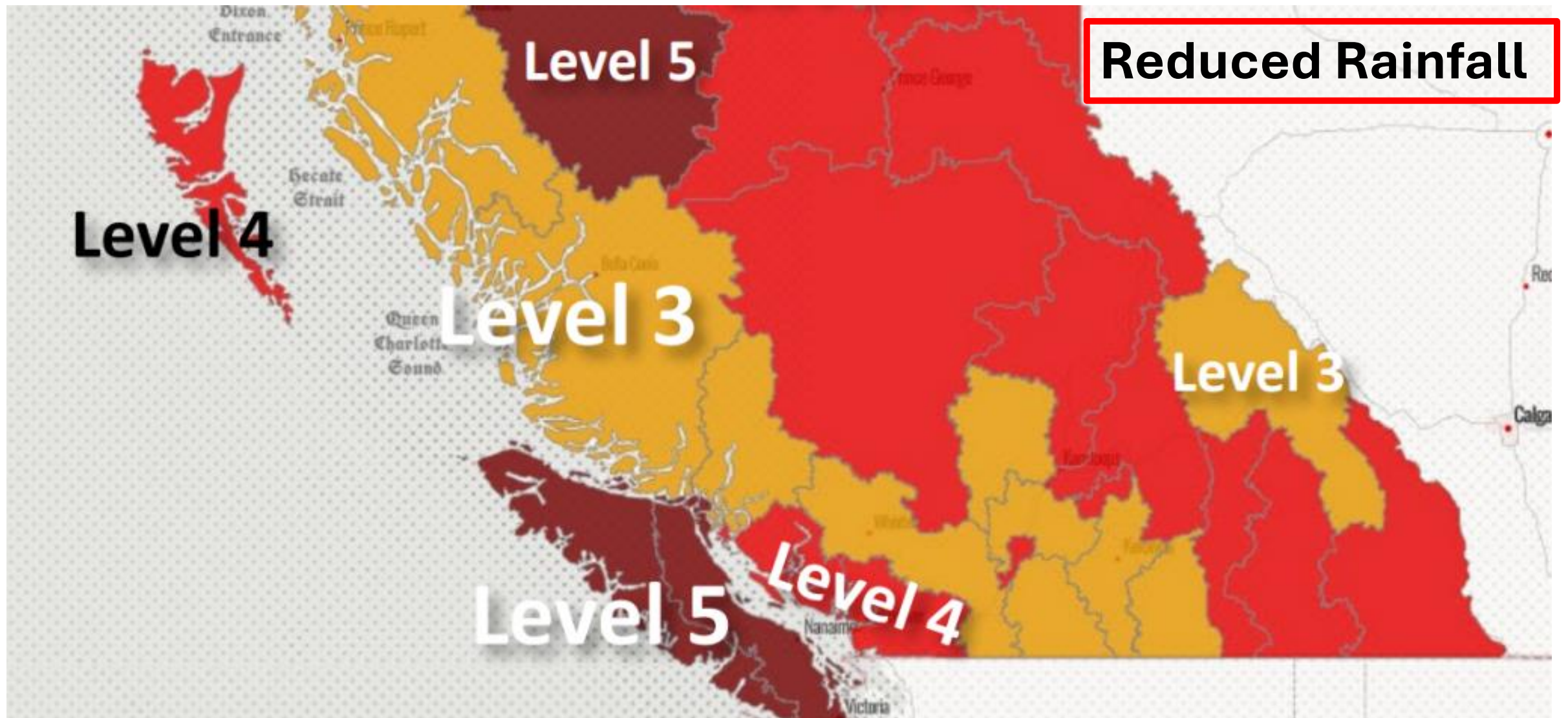
COLUMBIA

March 1, 2024

Reduced Snowpack

PERCENT OF
NORMAL





Priest Lake

Not impacted by reduced snowpack

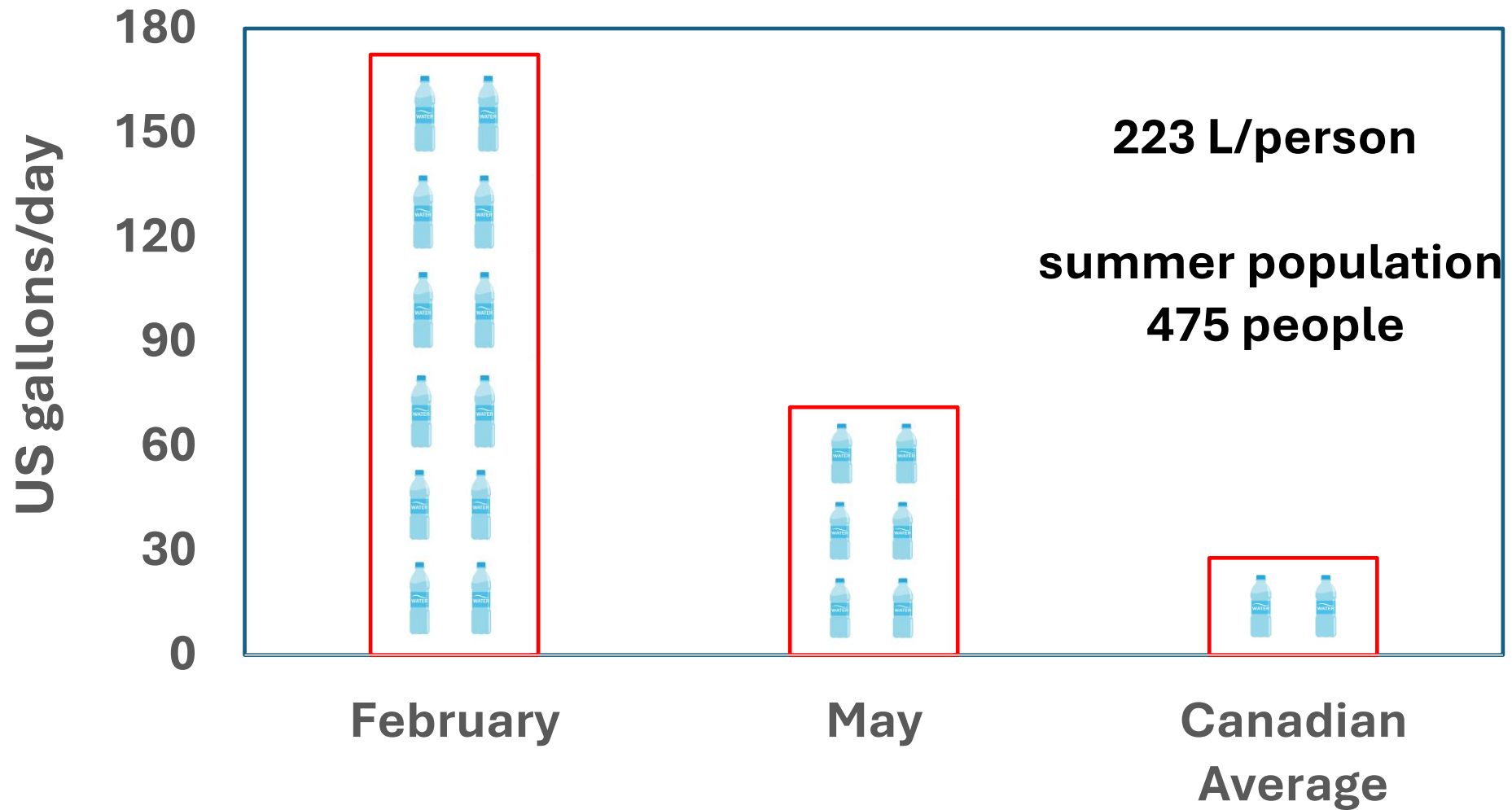
Decreases in volume during summers but not enough to risk our water security (Alluvia & McElhanney)

Nonetheless, the Province, at our request, has included Priest Lake in a long-term water resource study

VAID's major bottleneck in providing water to the community is the capacity of processing water through our treatment plant

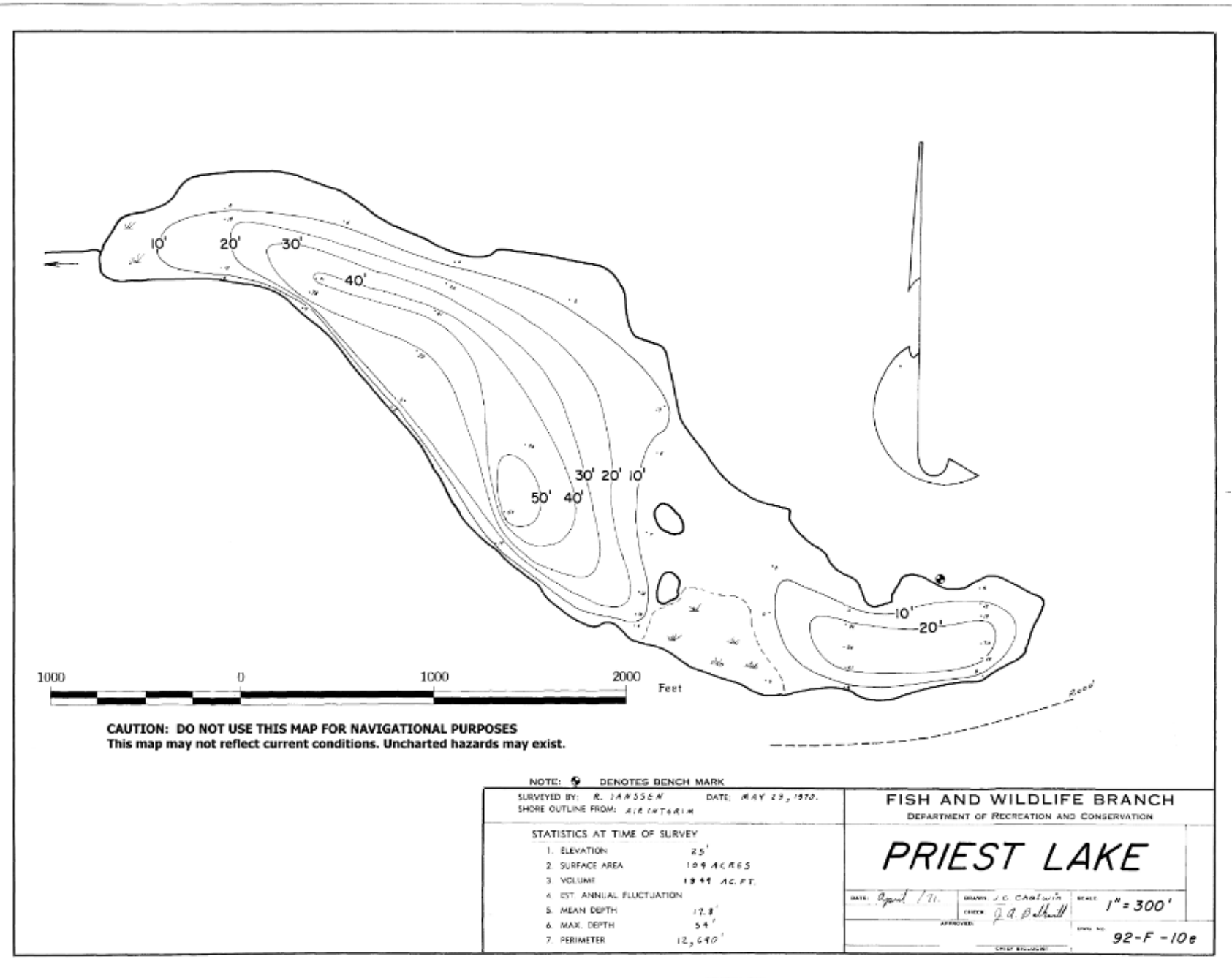


Water Use - Van Anda



VAID's Conservation Planning

- Find and repair leaks
- Move water intake
- Encourage water conservation
- Install water meters



BC Water Metering Pilot Project Community of Practice (CoP)

Ministry of Housing and Municipal Affairs

The project was designed to:

- Improve understanding that metering can have on reducing water demand**
- Improve understanding that metering can have on reducing water leakage**
- Develop best practices for water metering from planning to customer billing**

The budget for the project is \$ 50 million and covers the entire costs of installing water meters to 19 BC communities with support from Econics & KWL

The Province estimates that meters will help reduce water use by up to 30% and save up to 1.5 billion liters of water BC wide each year

Information Sharing

Members of CoP are encouraged to share information with other CoP members

Data shared by communities to research teams will be anonymized before sharing.

Further, limitations on sharing information can be established, ie:

- Information sharing can be limited to only members of CoP**
- The source of the information will be kept anonymous**
- Limitations can be placed on how documentation can be modified by others**
- Members can request that information not be posted publicly, including on-line**

\$ 969,352.00

Benefits of the Water Metering Program to VAID

- Meters will make it easier to identify leaks in the District in a timely fashion
- Installing meters will result in locating, updating and mapping all our service connections
- Meters will make it possible to charge people based on the water they actually use and give an incentive for people to conserve water
- The program costs are covered. Metering is inevitable, with the grant we don't pay anything

Timelines

Start	May 2025
Public Outreach	Throughout the Project
Project Planning	June 2025
Installation	July 2025 - April 2026 (extendable to March 31, 2027)
Transition Period	1 year following installation
New Billing Model	Beginning following the transition period

Questions/Comments/Suggestions

Tim Morris – Director of BC Water Legacy

This program is a crucial step in helping BC communities address the growing challenge of water insecurity and Catch up with regions that already have water metering in place. As demand surges for housing, food, and economic Growth, water metering is no longer optional - it's essential infrastructure that enables conservation and supports smart, data-driven community water management.