

Auckland's water supply situation at the start of spring

Demand



A **7.7%** saving, against a target of **0 to 5%**

June	July	August
Target: 410 MLD ...or less	Target: 409 MLD ...or less	Target: 405 MLD ...or less
Actual average: 402 MLD	Actual average: 396 MLD	Actual average: 382 MLD

Water misuse reports: 2988

Repeat offenders: 2

We take an education-first approach when we contact customers who have been reported to us for a possible breach of the water restrictions. We write to residential customers to explain the water restrictions and ask for their compliance. When we receive complaints relating to commercial customers we call them to discuss their options, including the use of non-potable water.

Awareness

73% of Aucklanders surveyed understand the city's water supply is under pressure

98% believe it is important to save water right now

77% understand the restrictions

62% are taking shorter showers

A survey of 760 Aucklanders at the end of August found a vast majority understand that Auckland is still recovering from a drought and it's important to save water now.

Reassuringly, 62% of respondents are taking shorter showers, and 62% have stopped washing boats and vehicles, which means both the outdoor water restrictions and the encouragement to save water indoors are having an impact.

New sources

Onehunga WTP
4 MLD December

Hays Creek Dam
6 MLD December

Pukekohe bore
5 MLD October

Waikato WTP
25 MLD Delivered

We are on track to supplement Auckland's water supply with an additional **40 million litres** a day by Christmas.

Balancing production at our treatment plants

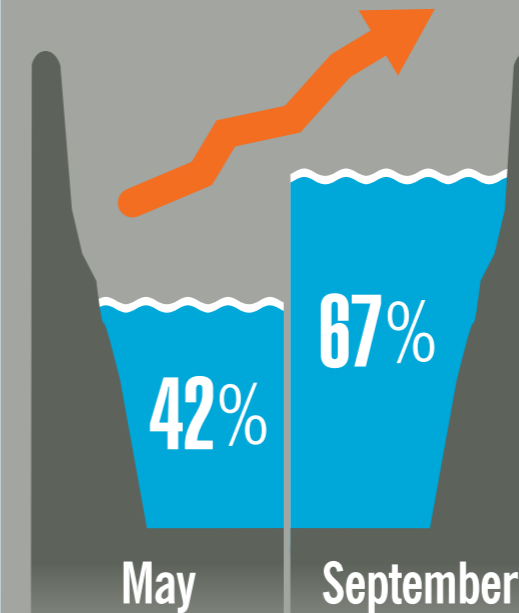


Operating Auckland's water supply is a bit of a balancing act. To give our Hūnua dams the best chance to recover from the drought, we are minimising production at our Ardmore Water Treatment Plant, while maximising production at our Waikato, Huia, Onehunga and Waitakere plants.

In August, Ardmore was operating as low as 80MLD, and achieved our lowest sustained outputs since the 1970s.

Winter rainfall

Dam levels increase



We were fortunate to receive near-normal rainfall over winter, with 5% more rainfall than normal from May to August (inclusive). As a result our total dam storage level has risen considerably.

Our Waitakere catchments benefited more from this rain than our Hūnua catchments, which have 80% of our water storage.

Stage 1 water restrictions remain in place.

Forecast



Near normal



September to December

Long-range forecasts in August were predicting a very dry spring.

More recent forecasts indicate the October-December period remains slightly on the drier side, but less so than previously forecast.

A La Niña weather pattern has formed in the Pacific, meaning more north-easterly winds, warmer weather and potential for tropical rain after Christmas.

*MLD: Million litres a day

*WTP: Water treatment plant