HydroWatch

Thursday, 2 October 2025 Issue: 1485

A weekly summary relating to New Zealand hydro storage and inflows.

Compiled by Energy Link Ltd.

Storage Summary	South Island Controlled	South Island Uncontrolled	South Island Total	North Island Taupo		Total Storage
Current Storage (GWh)	**1,186**	**829**	**2,014**	**481**		**2,496**
Storage Change (GWh)	124	4	128	33		161

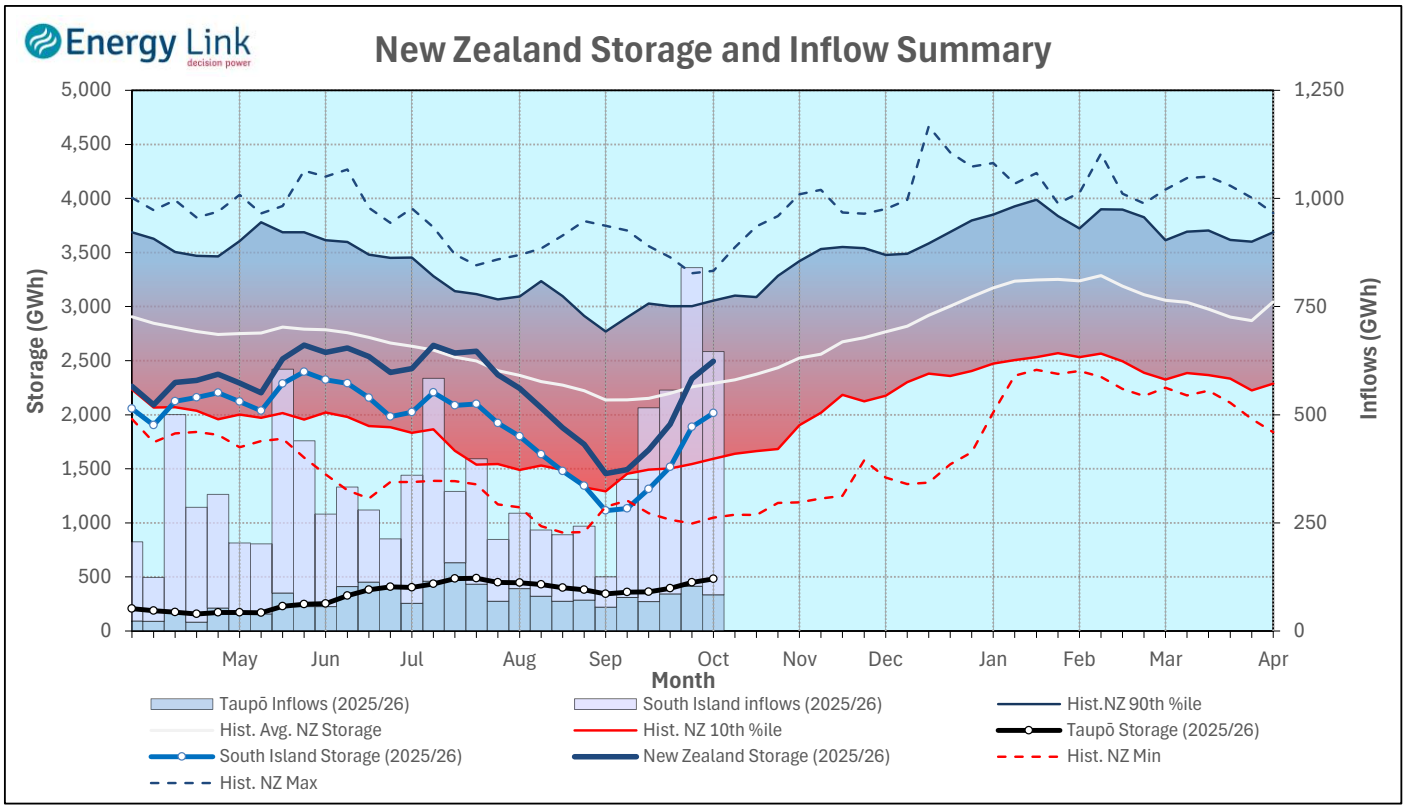
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,820**	**481**		**2,302**

Note: These figures are provided to align with Transpower's Security of Supply reporting methodology. Variance from Transpower values is due to differences in generation efficiencies and contingent storage volumes.

New Zealand Summary

Total storage increased 161 GWh over the last week. South Island controlled storage increased 11.7% to 1,186 GWh; South Island uncontrolled storage increased % to 829 GWh; with Taupō storage increasing 7.4% to 481 GWh.



Thursday, 2 October 2025						
Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato		NZ
This Week	**635**	**305**	**1,075**	**481**		**2,496**
Last Week	629	291	967	448		2,335
% Change	1.0%	5.0%	11.1%	7.4%		6.9%
Inflow (GWh)						
This Week	**254**	**128**	**181**	**84**		**646**
Last Week	297	183	257	104		840
% Change	-14.6%	-30.3%	-29.3%	-19.4%		-23.1%

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Lake Levels and Outflows

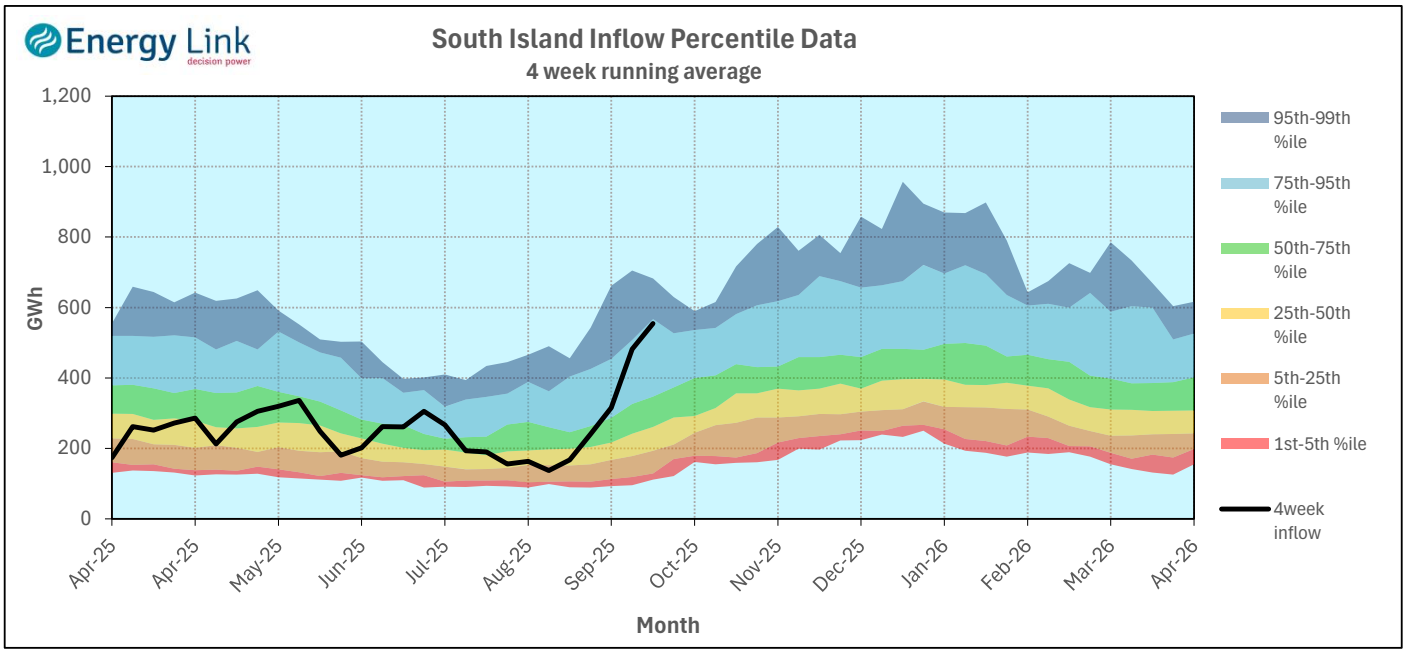
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	179.51	217	512
	Te Anau	203.65	417	
Clutha	Wakatipu	310.47	92	359
	Wānaka	278.13	102	353
	Hāwea	341.08	111	13
Waitaki	Takapō	705.27	304	
	Pūkaki	524.42	771	
Waikato	Taupō	357.03	481	

Outflow Change
277
40
49
-1

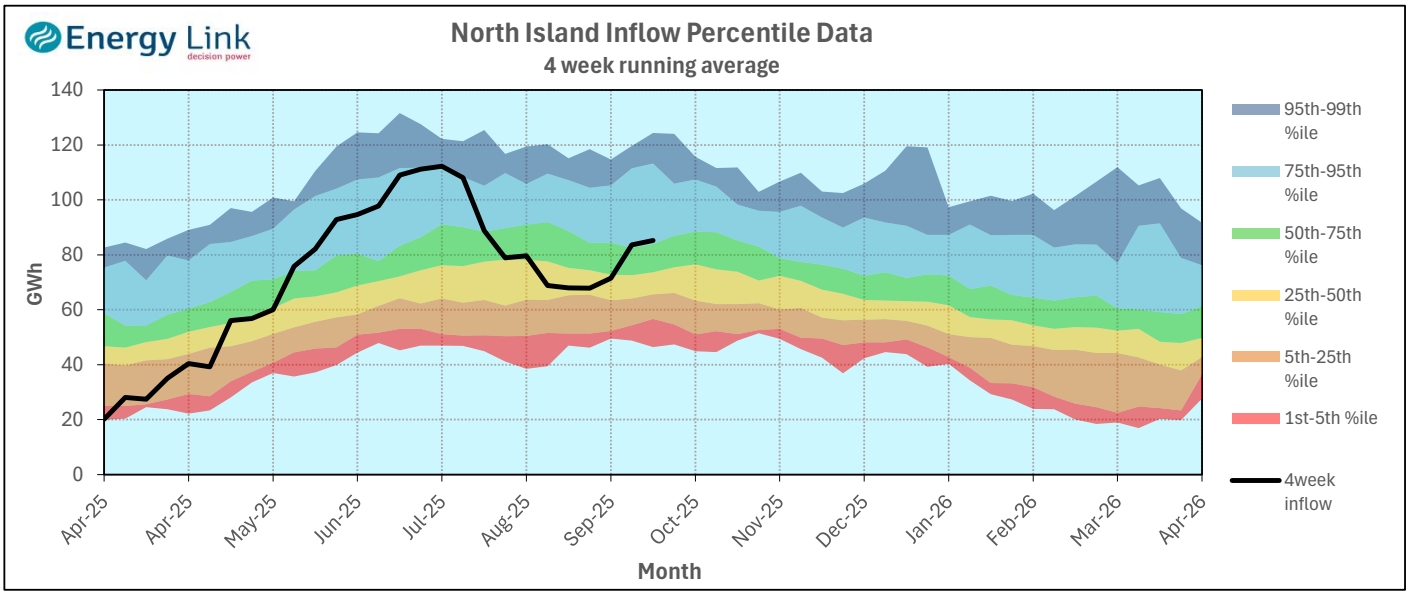
Inflow Summary

The two charts below represent where current inflows are in relation to historic inflow patterns. The percentile values have been calculated using all inflows since 1931.

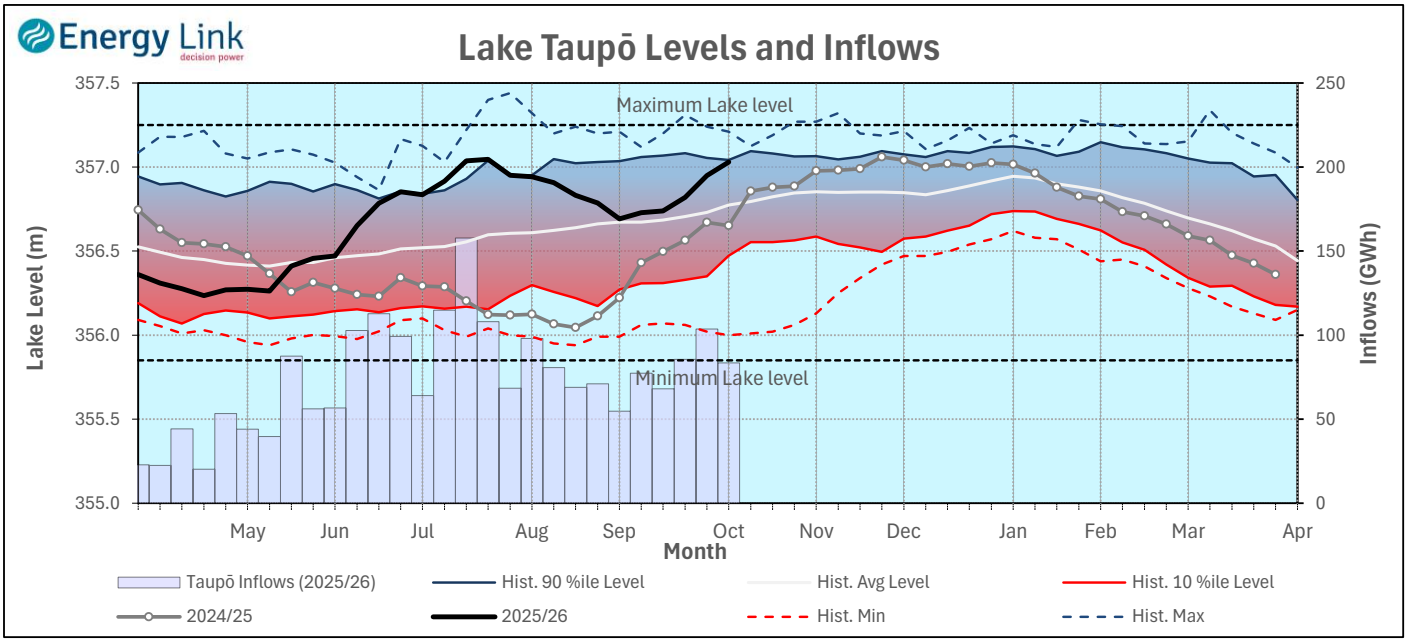
South Island Inflows - The past four weeks of S. I. inflows rank as the 7th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 22nd wettest on record.



Waikato System

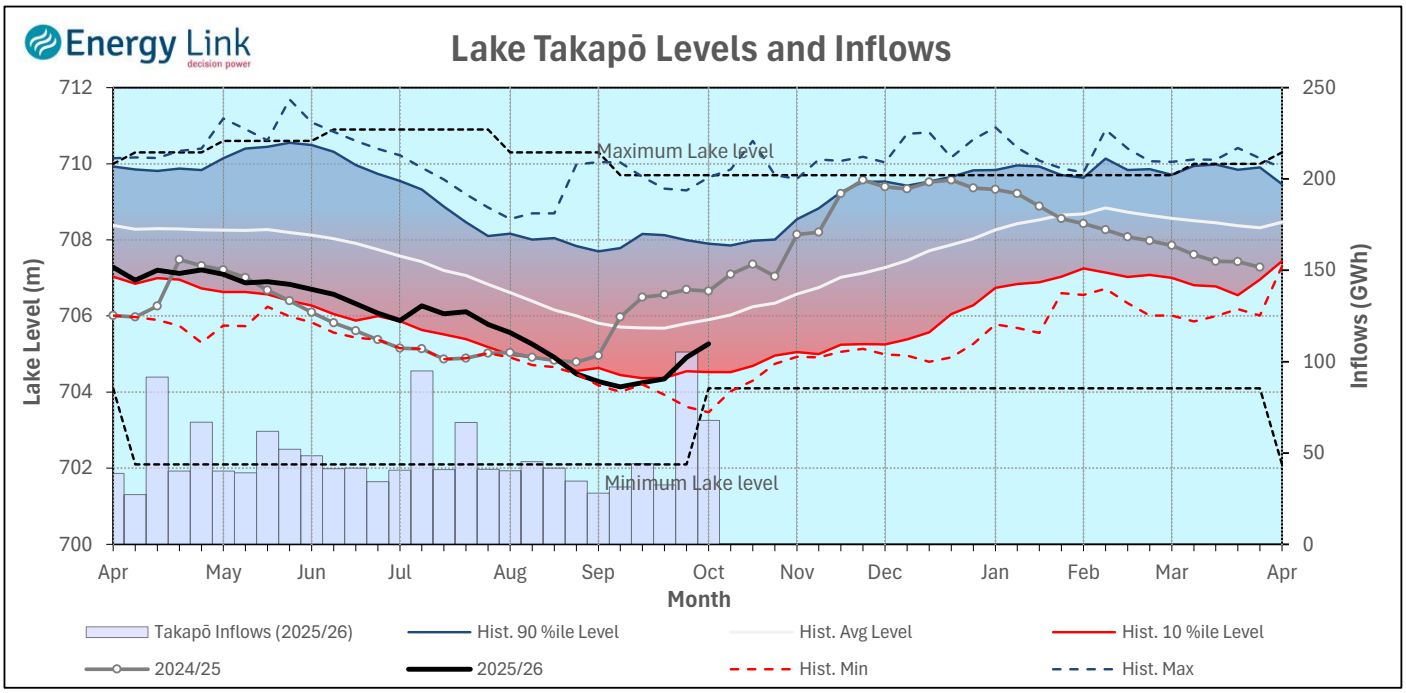


Lake Levels - Lake Taupō storage increased to 84.3% of nominal full at 481 GWh.

Inflows - Inflows decreased 19.4% to 84 GWh.

Generation - Average generation decreased 1.5% to 393.8 MW.

Takapō



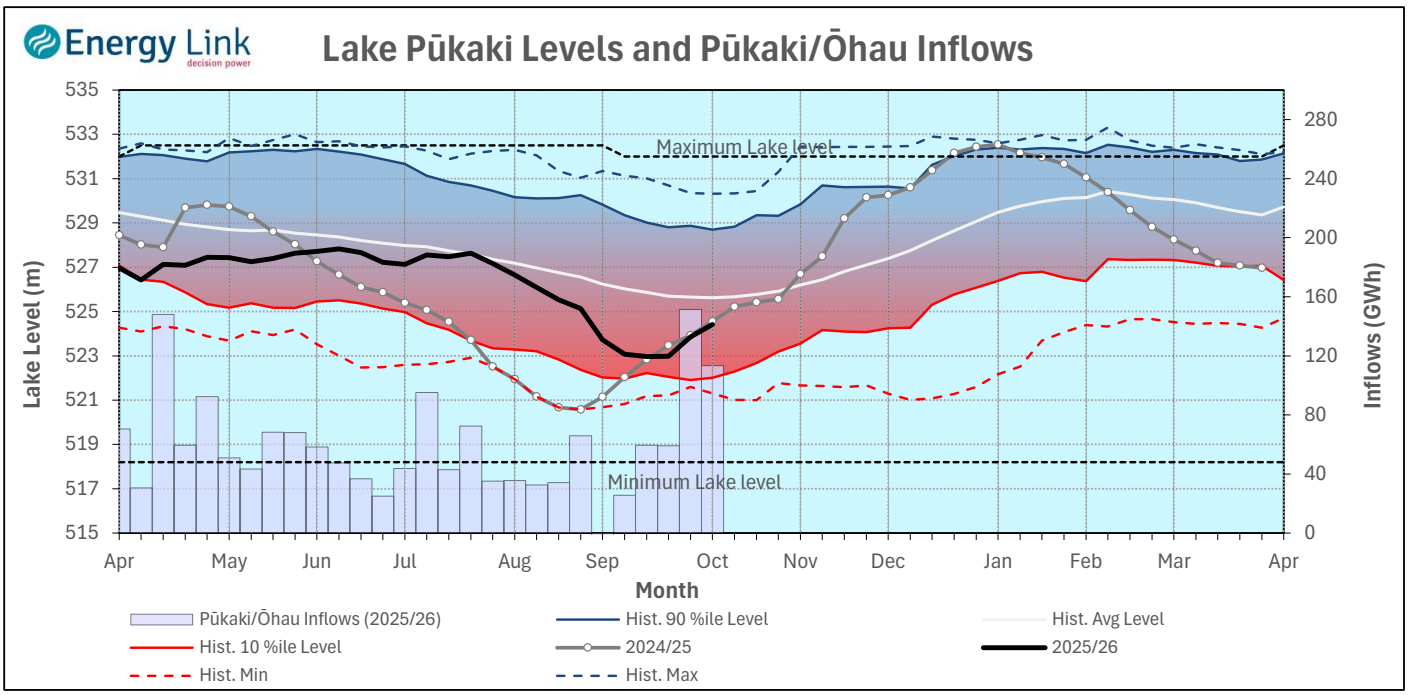
Lake Levels - Lake Takapō ended the week 42% nominally full with storage increasing to 304 GWh.

Inflows - Inflows into Takapō decreased 35.5% to 68 GWh.

Generation - Average Takapō generation decreased 32.1% to 66.7 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 43% nominally full with storage increasing to 771 GWh.

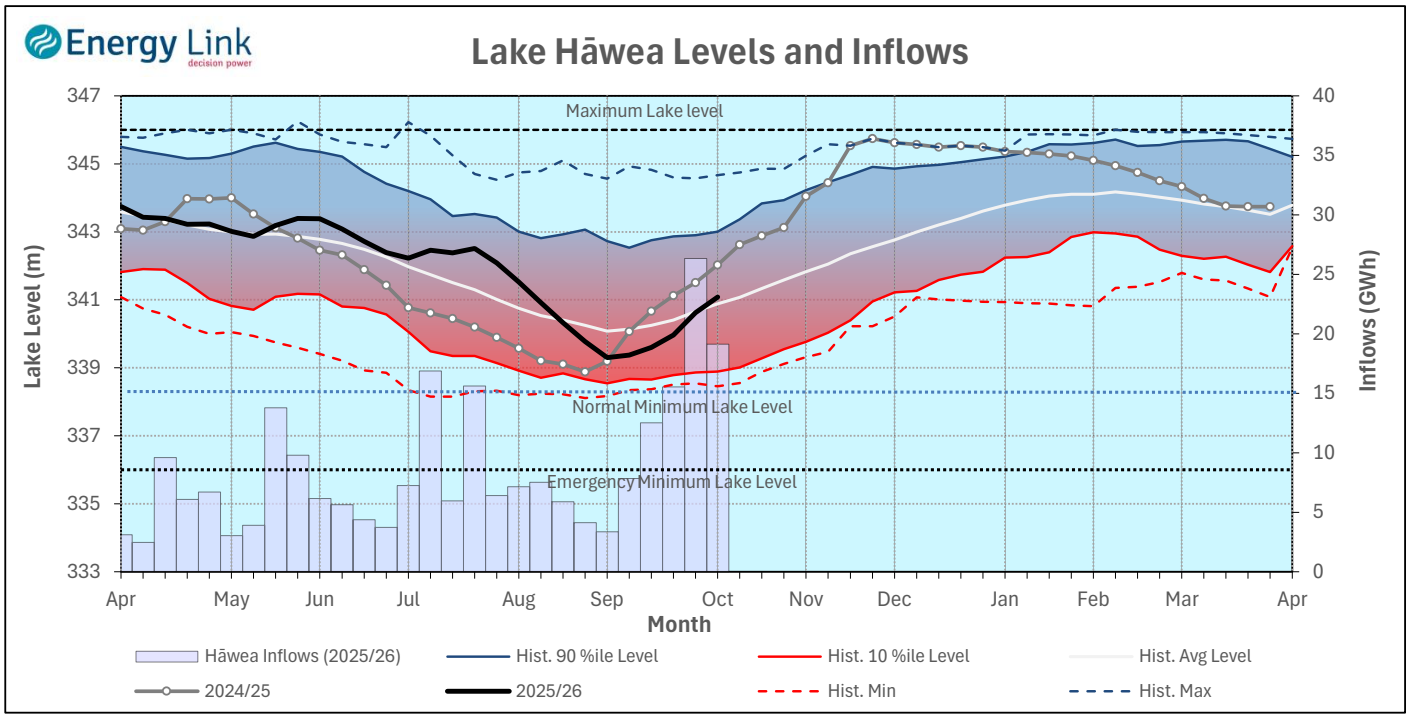
Inflows - Inflows into the Waitaki System decreased 25.1% to 113 GWh.

Generation - Average Waitaki generation decreased 12% to 532 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 55.8 cumecs while Waitaki River flows were lower than last week averaging 255.2 cumecs.

Clutha System



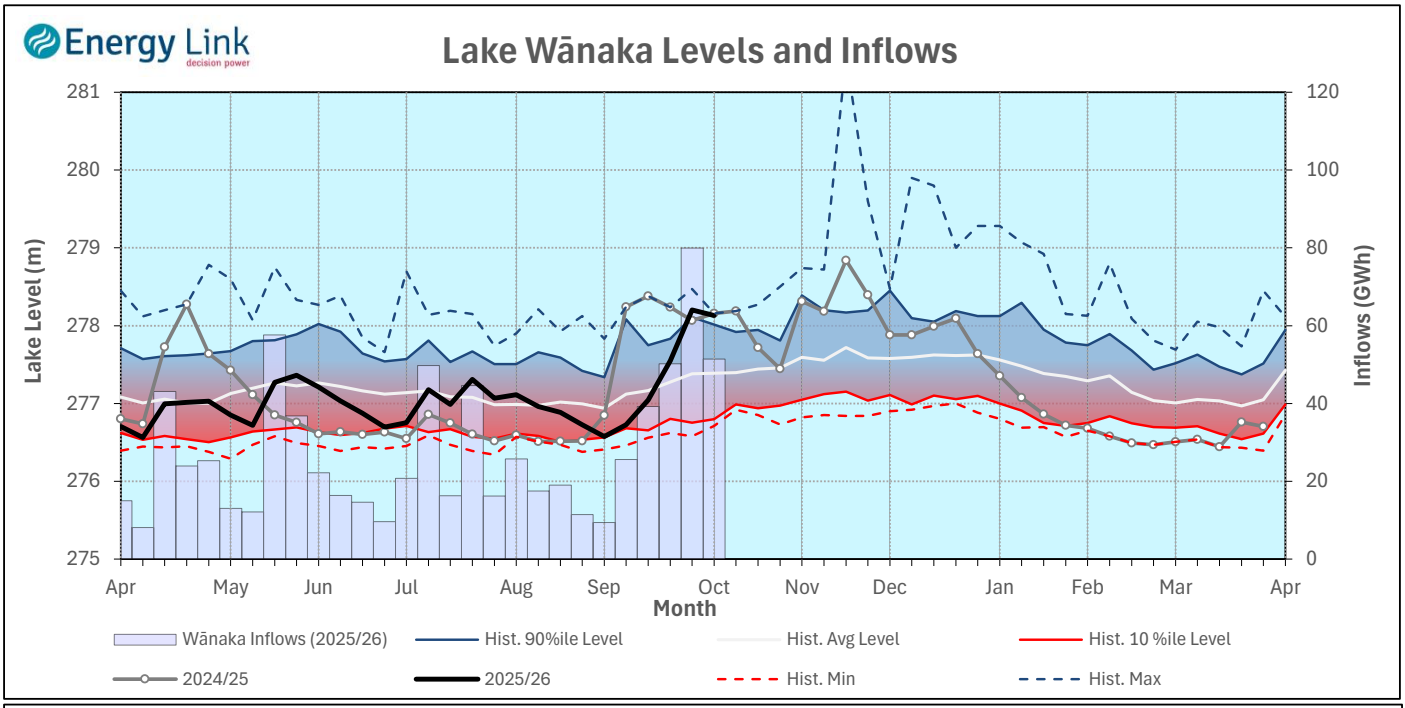
Lake Levels - Total storage for the Clutha System increased by 5% to 305 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 37.6%, 89% and 87% nominally full respectively.

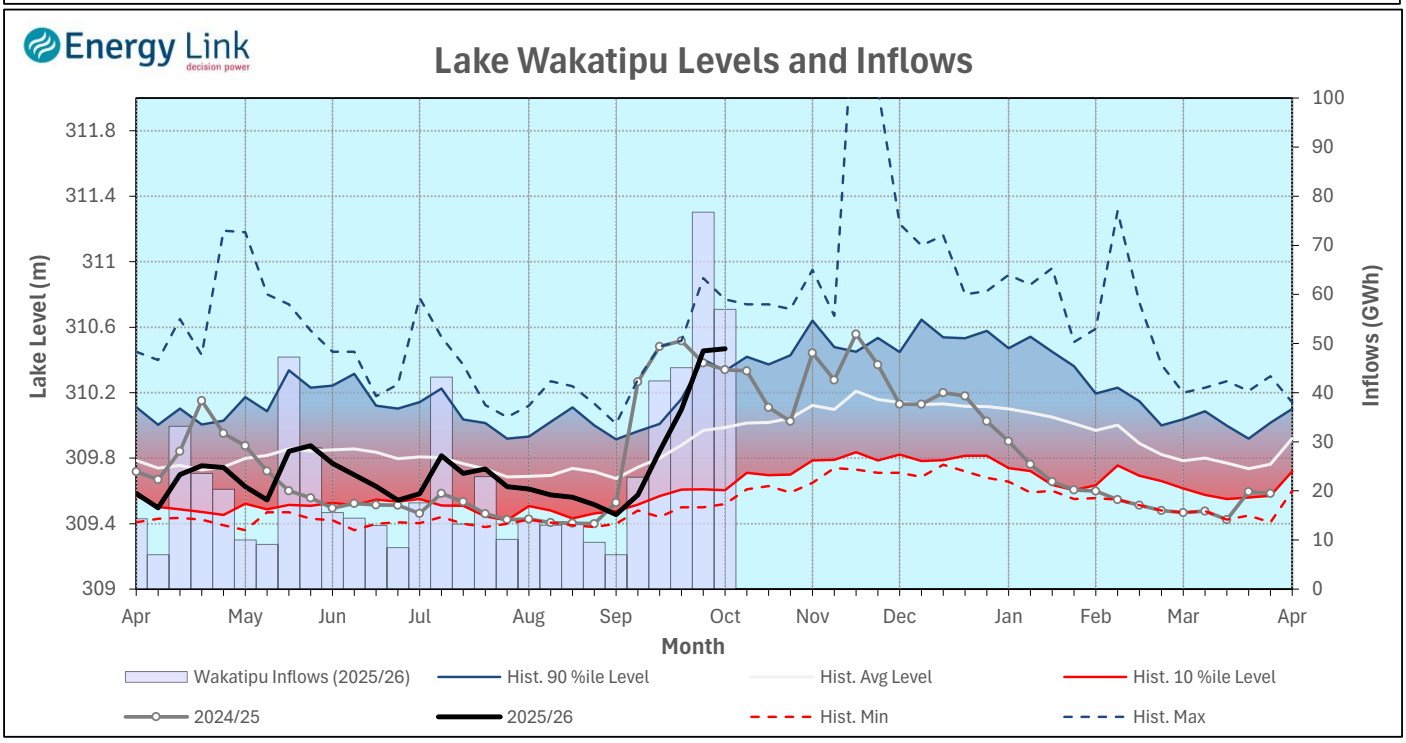
Inflows - Total Inflows into the Clutha System 30.3% lower at 128 GWh.

Generation - Average generation was 13.8% lower at 525 MW.

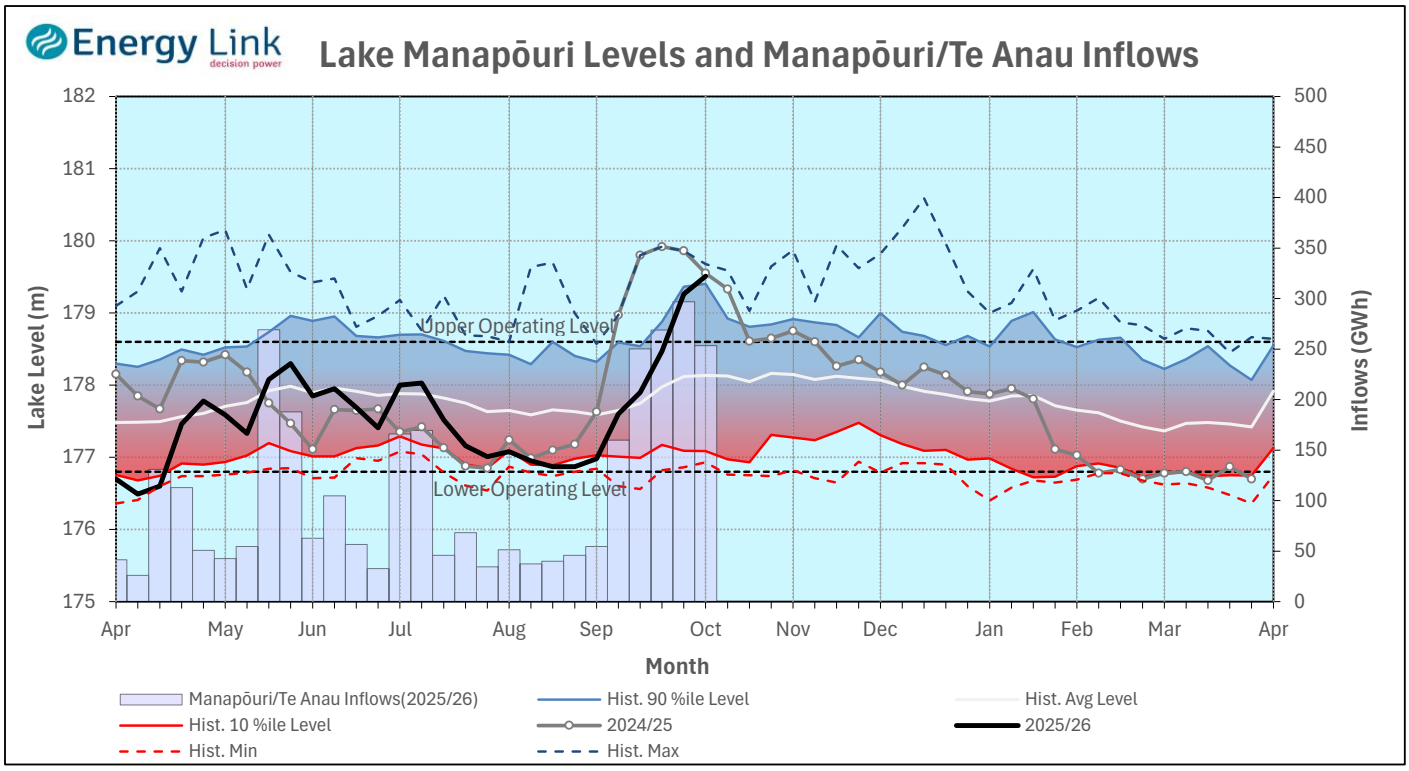
Hydro Spill - Estimate Spill is 237.7 cumecs.

River Flows - Total outflows from the lakes and Shotover River increased to 812.7 cumecs. This comprised of 13 cumecs from Lake Hāwea, 353 cumecs from Lake Wānaka, 359 cumecs from Lake Wakatipu and 88 cumecs from the Shotover River.





Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 1% to 635 GWh with Lake Manapōuri ending the week 133.8% nominally full and Lake Te Anau ending the week 151.6% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 14.6% to 254 GWh.

Generation - Average generation was 0.7% lower at 711 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 511.7 cumecs.

Operating Range - Lake Manapōuri is operating in the upper end of its 'High operating range' while Lake Te Anau is operating in the middle of its 'High operating range'.