HydroWatch

Thursday, 4 September 2025 **Issue: 1481**

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)	**840**	**293**	**1,132**	**359**		**1,491**
Storage Change (GWh)	-94	113	20	15		35

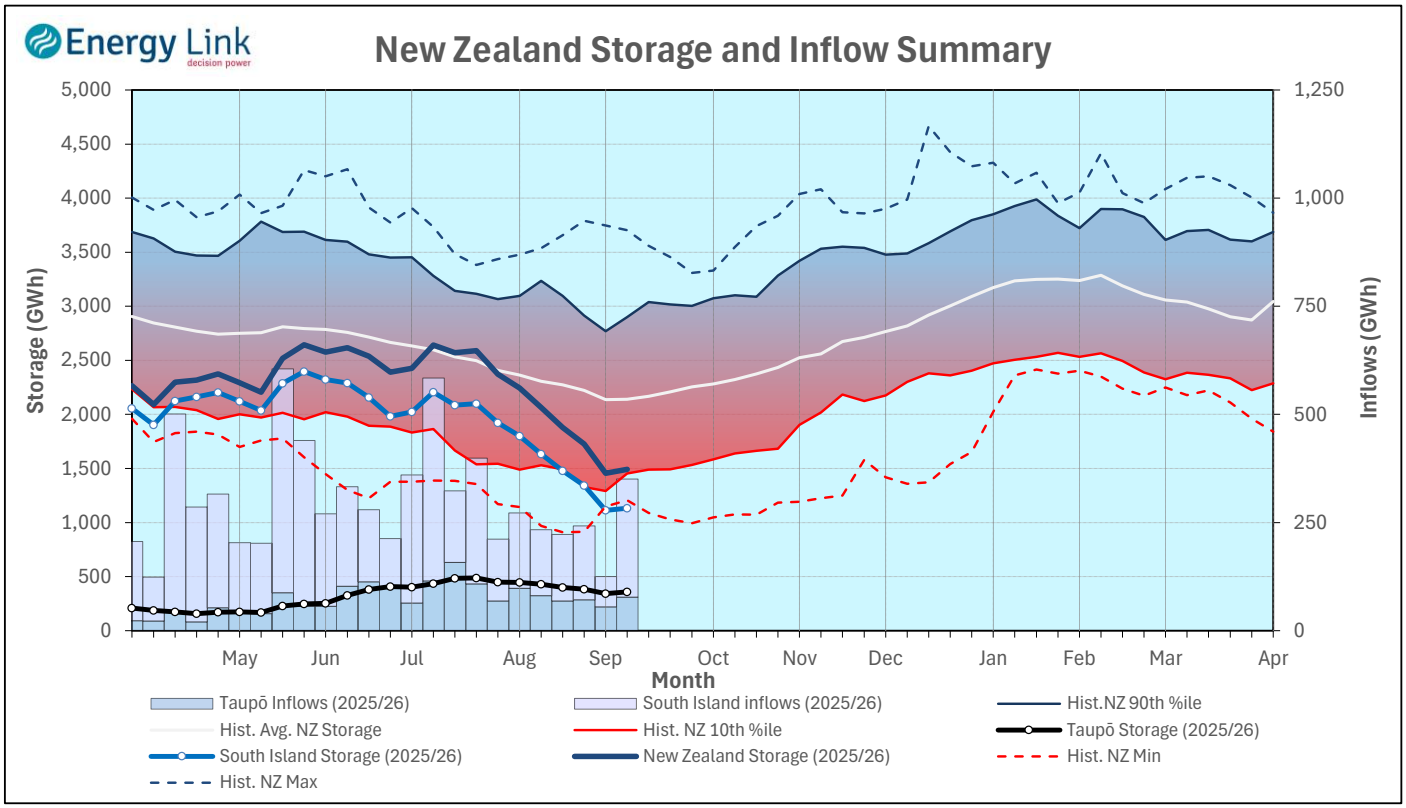
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,076**	**359**		**1,434**

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 35 GWh over the last week. South Island controlled storage decreased 10% to 840 GWh; South Island uncontrolled storage increased 63% to 293 GWh; with Taupō storage increasing 4.5% to 359 GWh.



Thursday, 4 September 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**236**	**105**	**792**	**359**		**1,491**
Last Week	139	86	888	343		1,456
% Change	69.4%	22.4%	-10.8%	4.5%		2.4%
Inflow (GWh)						
This Week	**160**	**56**	**57**	**77**		**350**
Last Week	55	20	-4	55		125
% Change	192.2%	184.2%	-1531.9%	41.2%		179.7%

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Lake Levels and Outflows

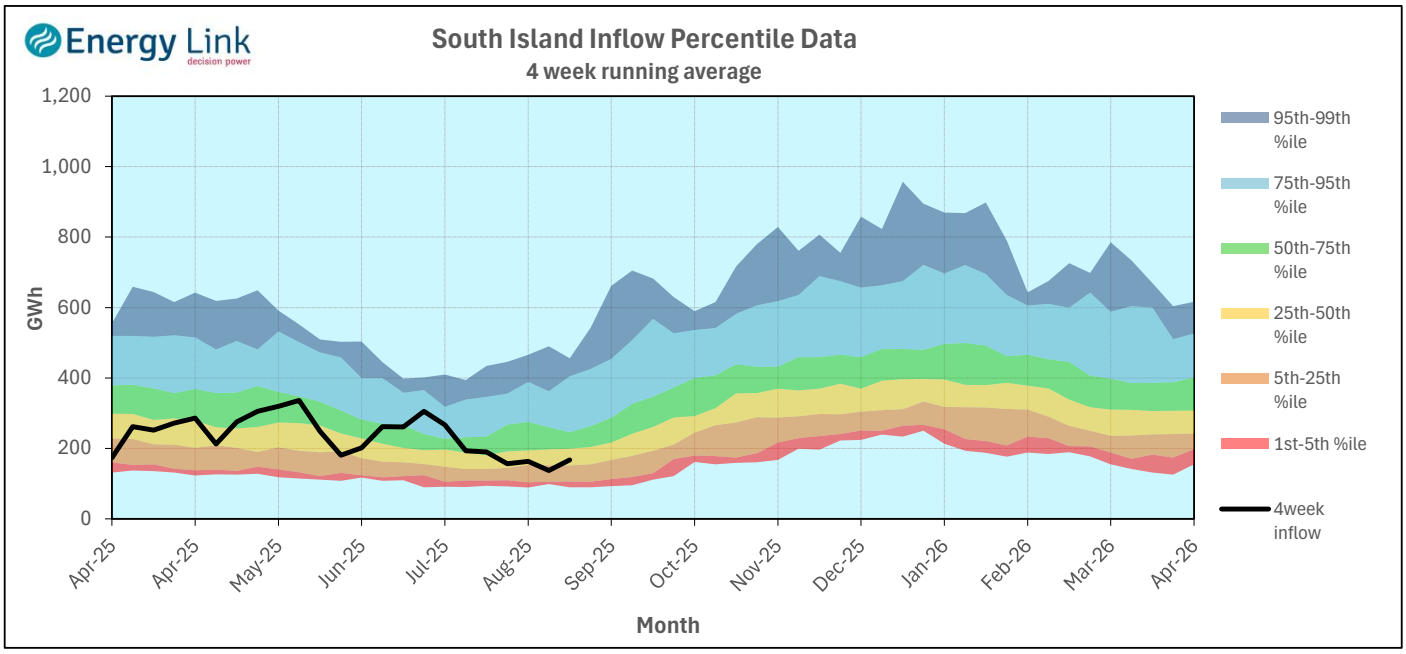
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	177.60	103	13
	Te Anau	201.75	133	
Clutha	Wakatipu	309.58	25	88
	Wānaka	276.73	32	115
	Hāwea	339.37	48	34
Waitaki	Takapō	704.14	193	
	Pūkaki	523.07	599	
Waikato	Taupō	356.73	359	

Outflow Change
0
13
7
-99

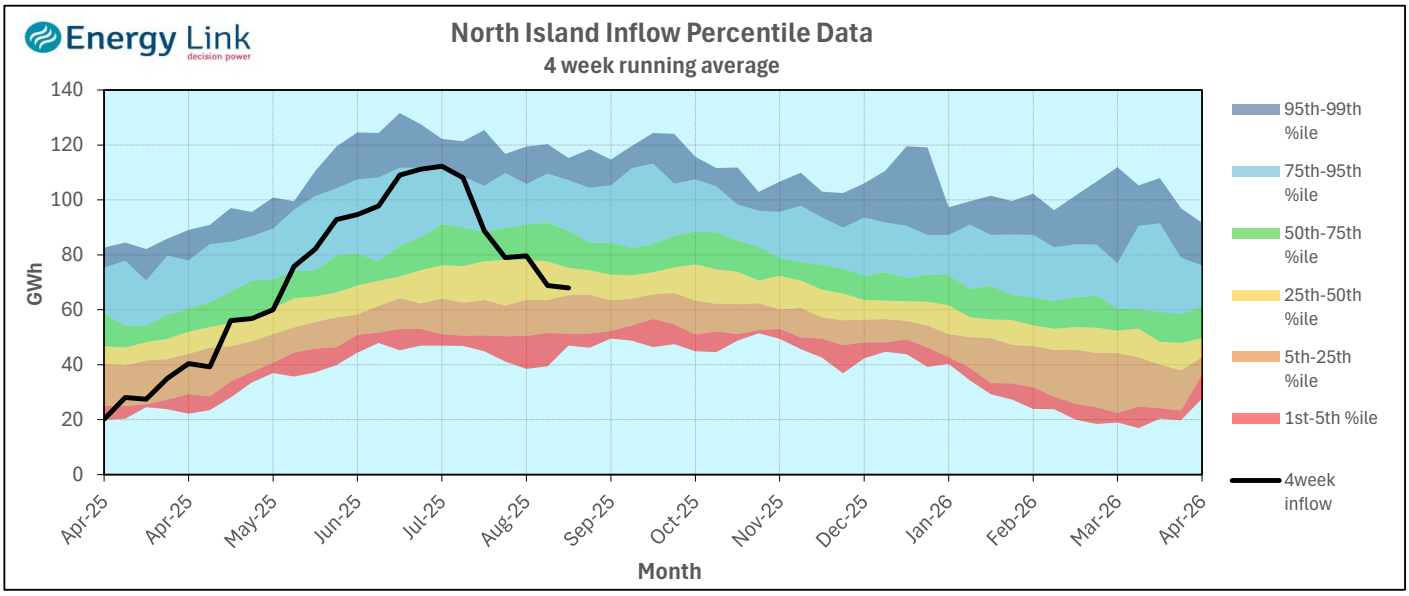
Inflow Summary

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.

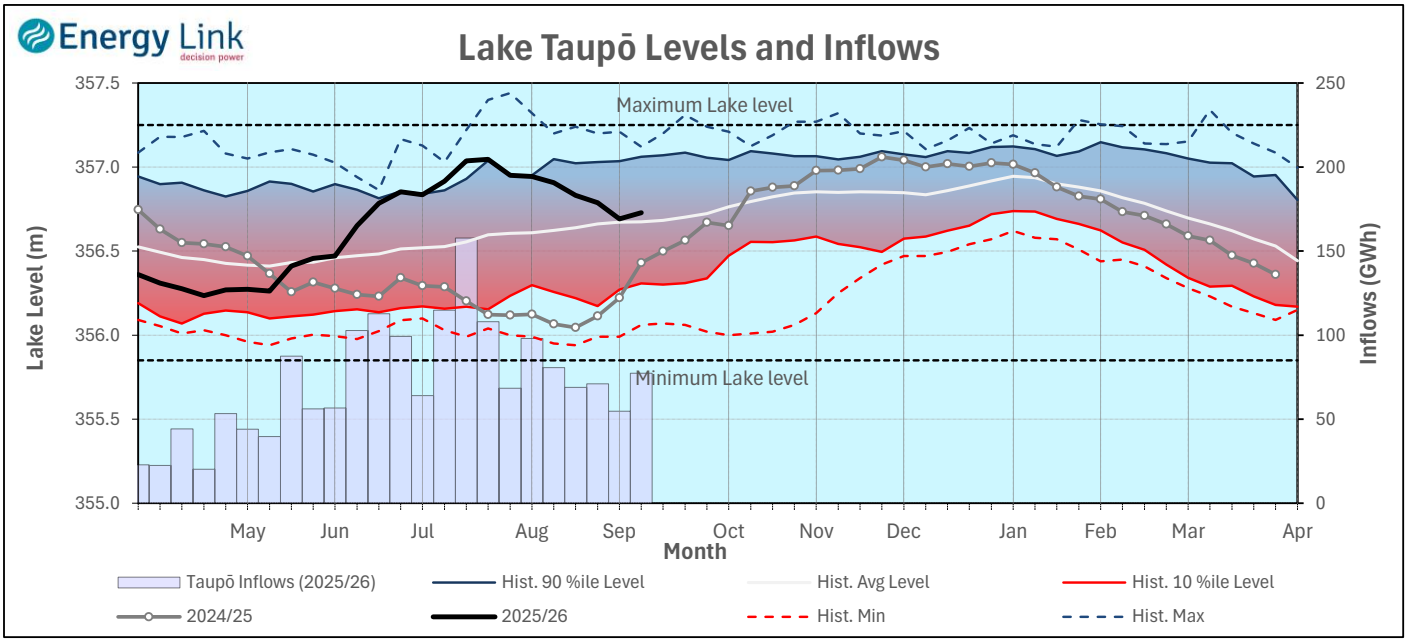
South Island Inflows - The past four weeks of S. I. inflows rank as the 35th driest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 28th driest on record.



Waikato System

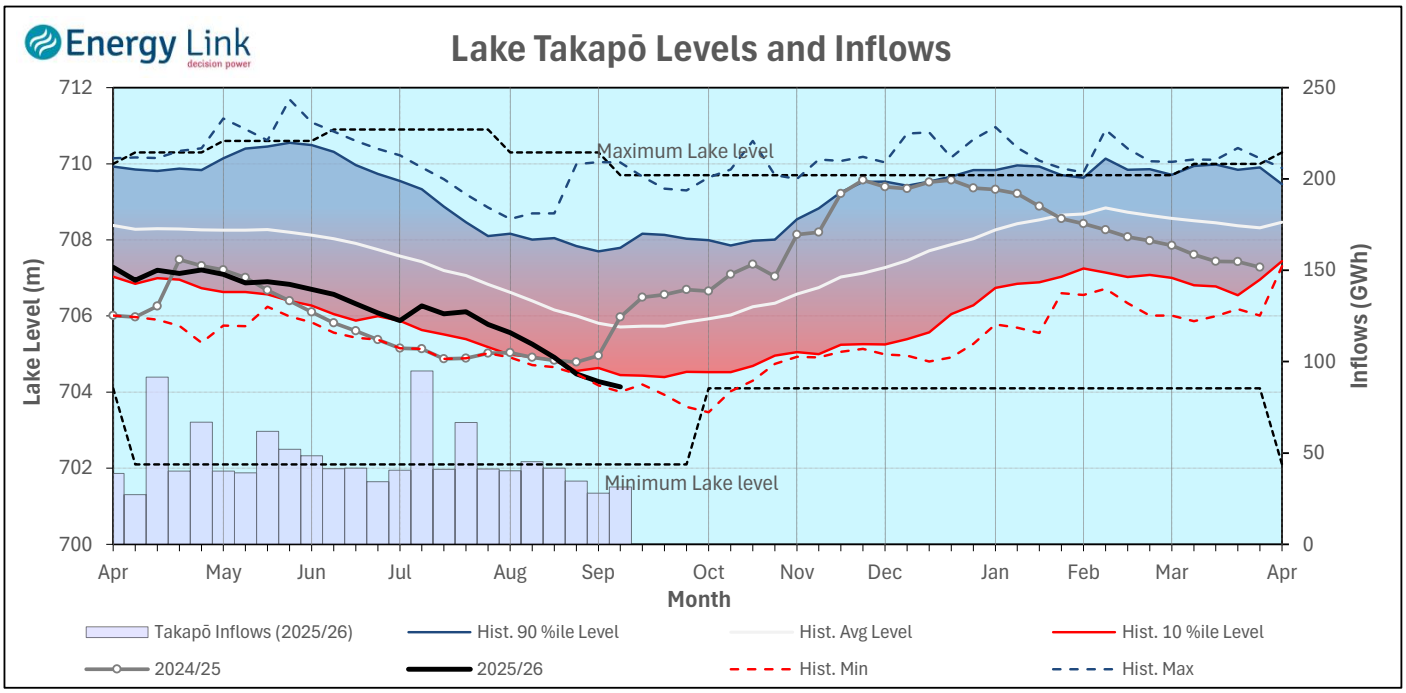


Lake Levels - Lake Taupō storage increased to 62.8% of nominal full at 359 GWh.

Inflows - Inflows increased 41.2% to 77 GWh.

Generation - Average generation decreased 23.1% to 456.1 MW.

Takapō



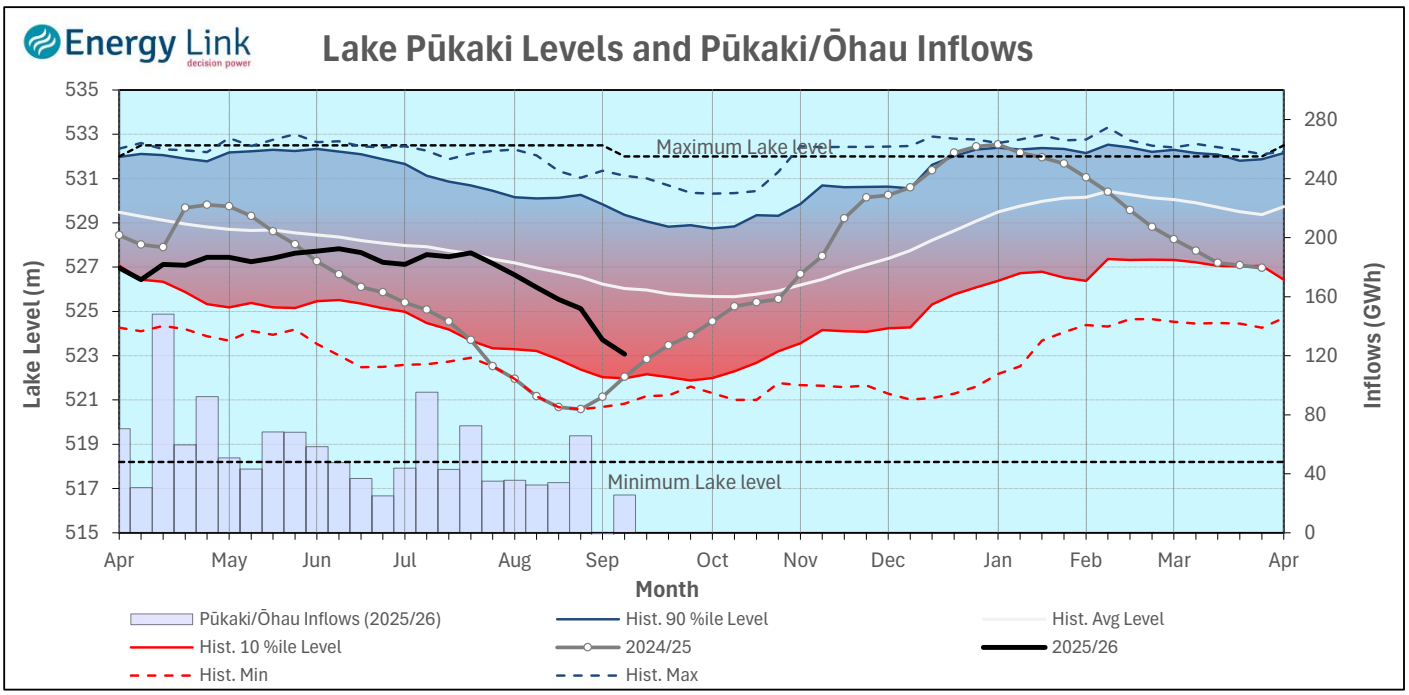
Lake Levels - Lake Takapō ended the week 24% nominally full with storage falling to 193 GWh.

Inflows - Inflows into Takapō increased 12.2% to 31 GWh.

Generation - Average Takapō generation decreased 5.1% to 94.1 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 32% nominally full with storage falling to 599 GWh.

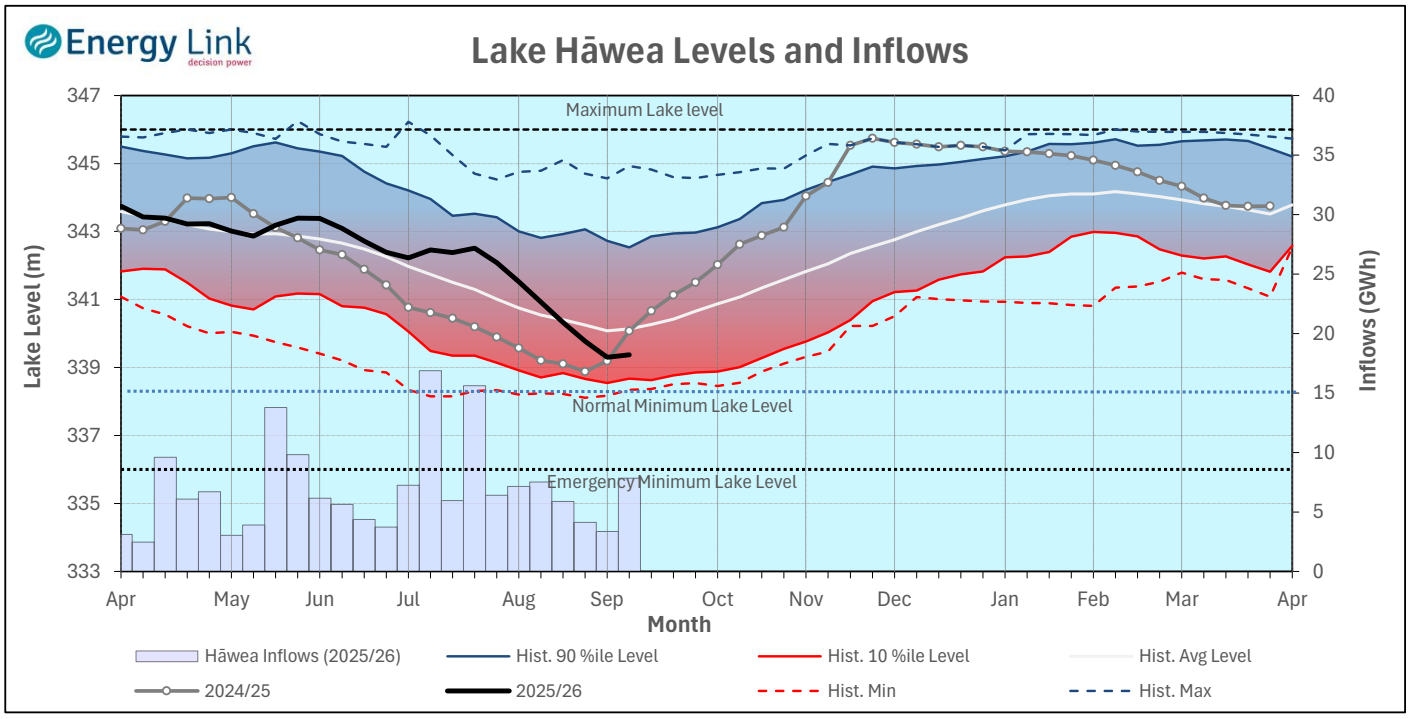
Inflows - Inflows into the Waitaki System increased 180.1% to 26 GWh.

Generation - Average Waitaki generation decreased 23% to 896 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 16.8 cumecs while Waitaki River flows were lower than last week averaging 359.2 cumecs.

Clutha System



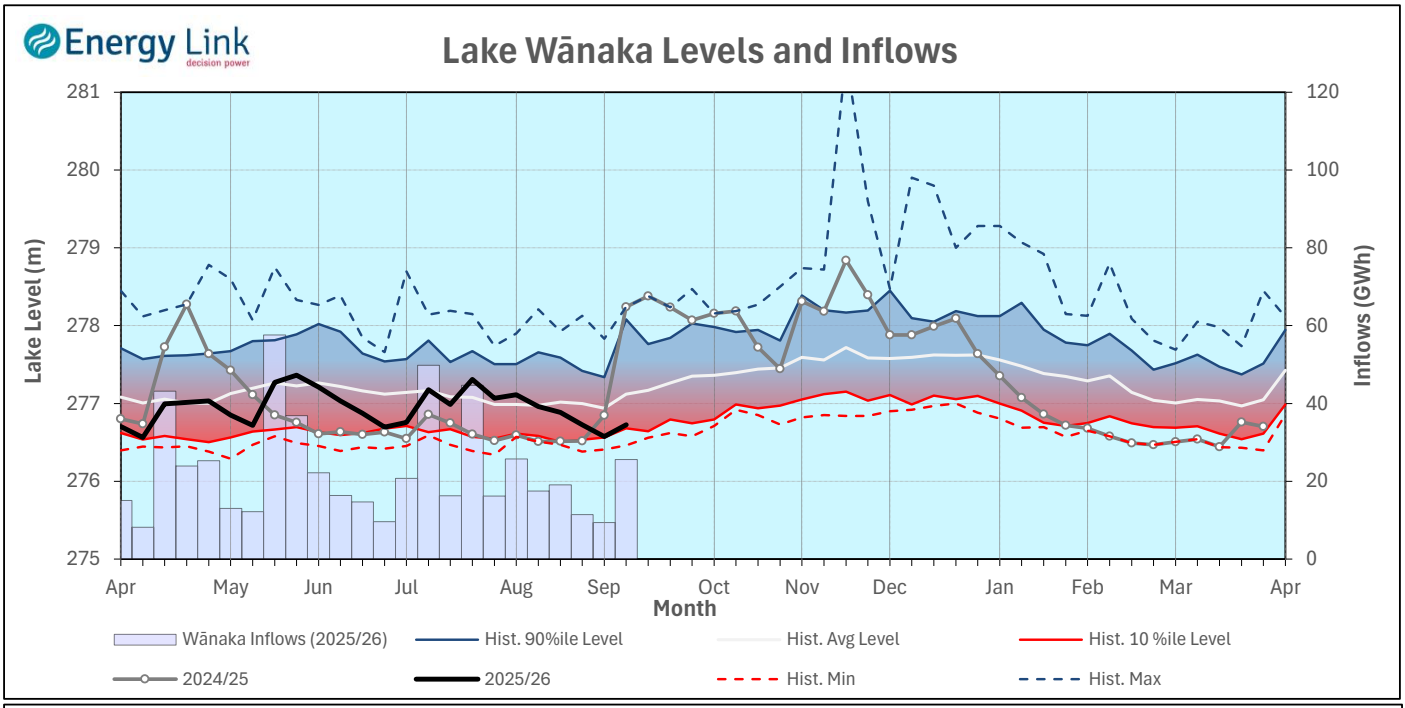
Lake Levels - Total storage for the Clutha System increased by 22.4% to 105 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 16.3%, 28% and 23.2% nominally full respectively.

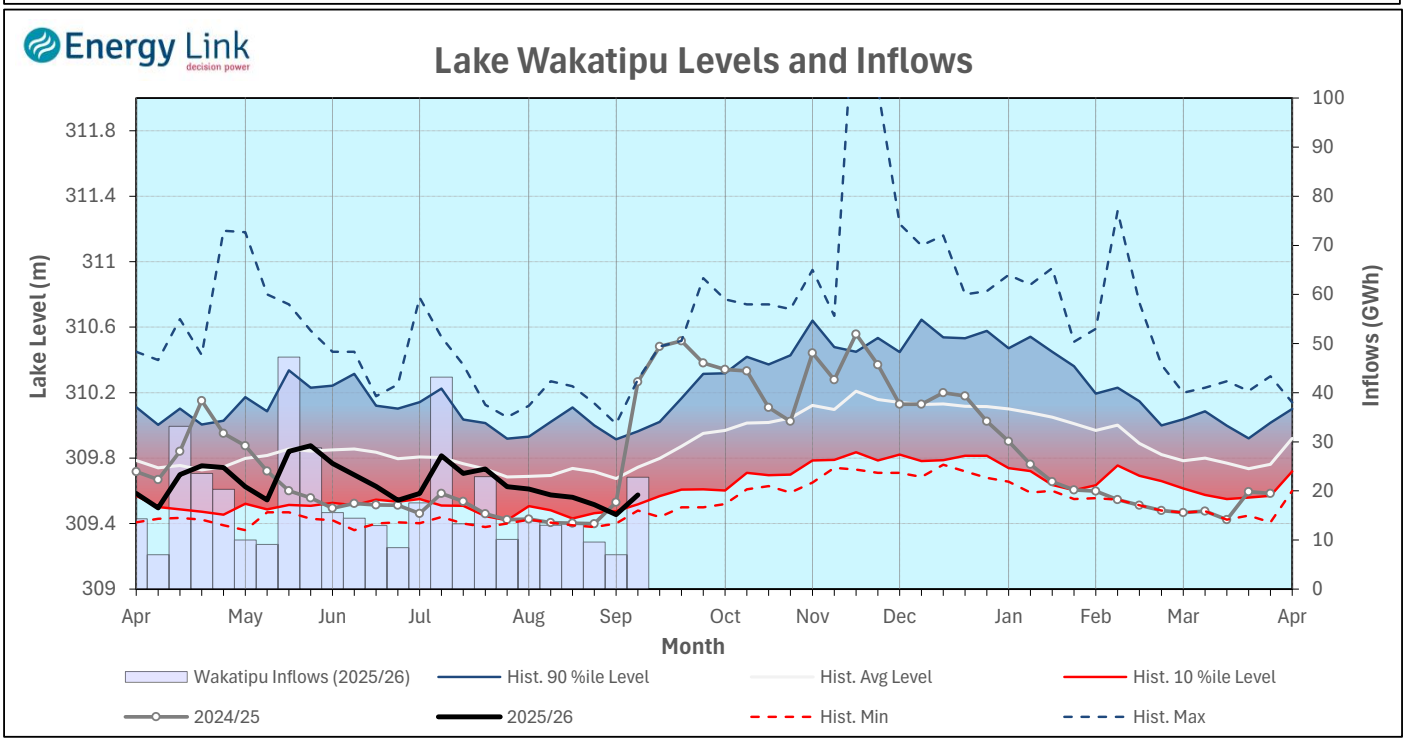
Inflows - Total Inflows into the Clutha System 184.2% higher at 56 GWh.

Generation - Average generation was 20.5% lower at 272 MW.

Hydro Spill - The was no estimated spill

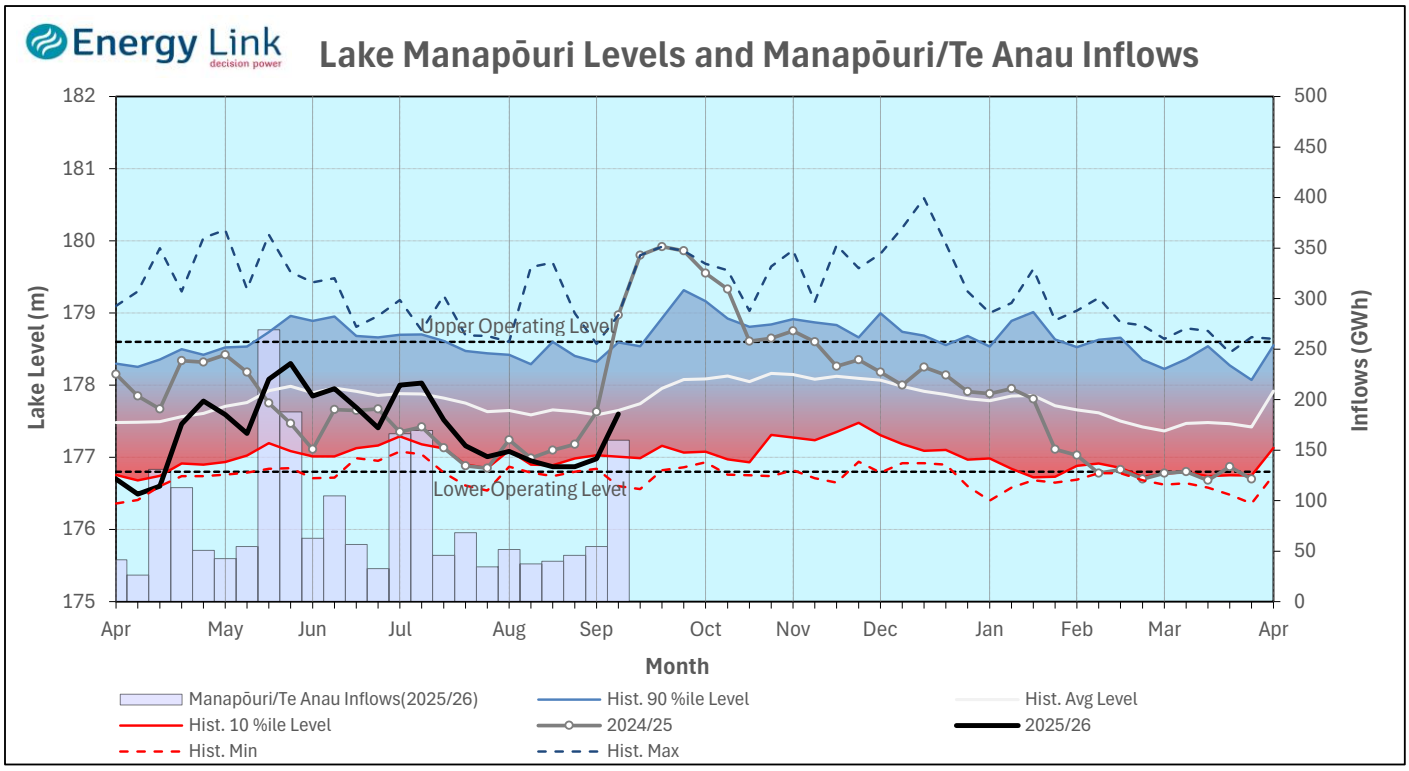
River Flows - Total outflows from the lakes and Shotover River fell to 273.9 cumecs. This comprised of 34 cumecs from Lake Hāwea, 115 cumecs from Lake Wānaka, 88 cumecs from Lake Wakatipu and 37 cumecs from the Shotover River.





Ph (03) 479 2475
Email: Mark.Nelson@energylink.co.nz

Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 69.4% to 236 GWh with Lake Manapōuri ending the week 63.2% nominally full and Lake Te Anau ending the week 48.4% nominally full.

Inflows - Total inflows into the Manapōuri System increased 192.2% to 160 GWh.

Generation - Average generation was 13.4% higher at 376 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 12.9 cumecs.

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