HydroWatch

Thursday, 11 September 2025 **Issue: 1482**

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)	**846**	**466**	**1,313**	**363**		**1,675**
Storage Change (GWh)	7	174	180	4		184

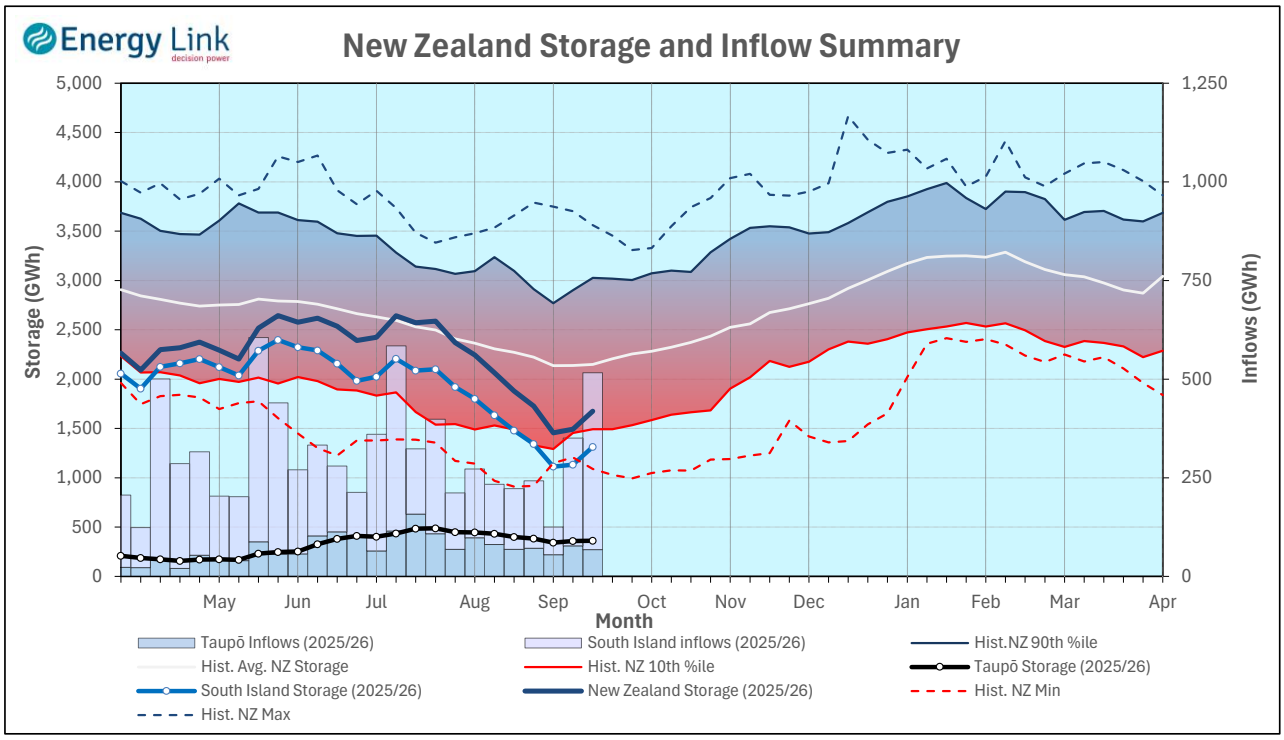
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,220**	**363**		**1,582**

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 184 GWh over the last week. South Island controlled storage increased 0.8% to 846 GWh; South Island uncontrolled storage increased 59% to 466 GWh; with Taupō storage increasing 1.1% to 363 GWh.



Thursday, 11 September 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**373**	**149**	**790**	**363**		**1,675**
Last Week	236	105	792	359		1,491
% Change	58.3%	42.3%	-0.2%	1.1%		12.4%
Inflow (GWh)						
This Week	**250**	**94**	**104**	**68**		**516**
Last Week	160	56	57	77		350
% Change	56.6%	67.6%	82.1%	-12.0%		47.4%

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Lake Levels and Outflows

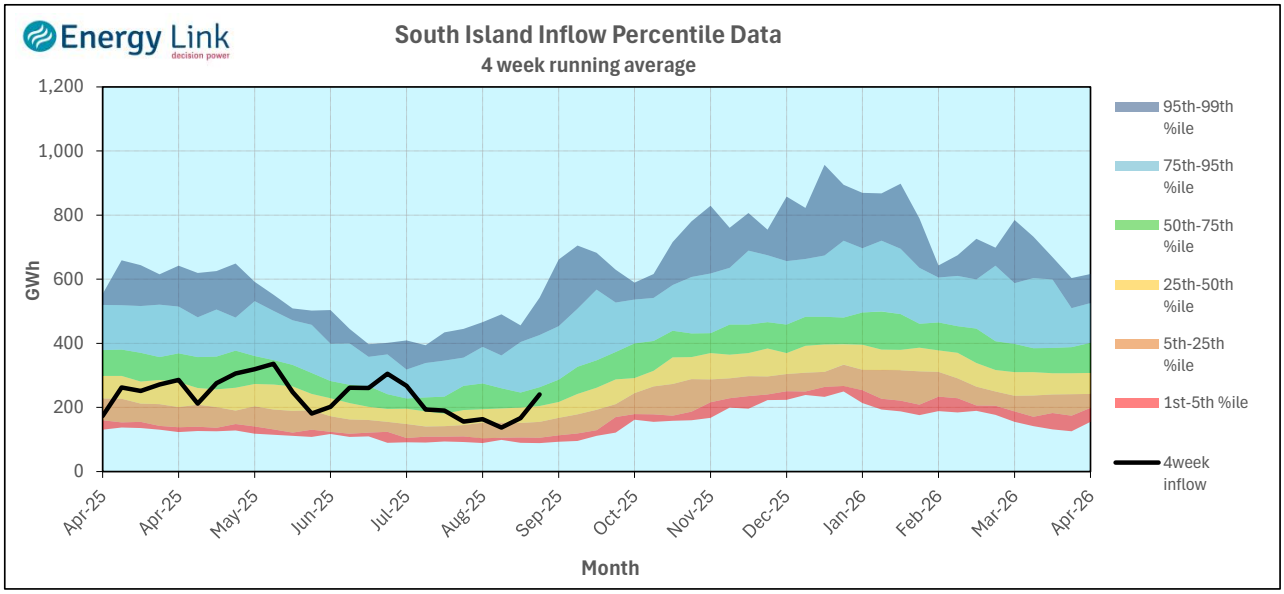
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	177.90	121	105
	Te Anau	202.55	253	
Clutha	Wakatipu	309.84	45	142
	Wānaka	277.04	48	150
	Hāwea	339.60	56	27
Waitaki	Takapō	704.25	203	
	Pūkaki	522.97	586	
Waikato	Taupō	356.74	363	

Outflow Change
93
54
35
-7

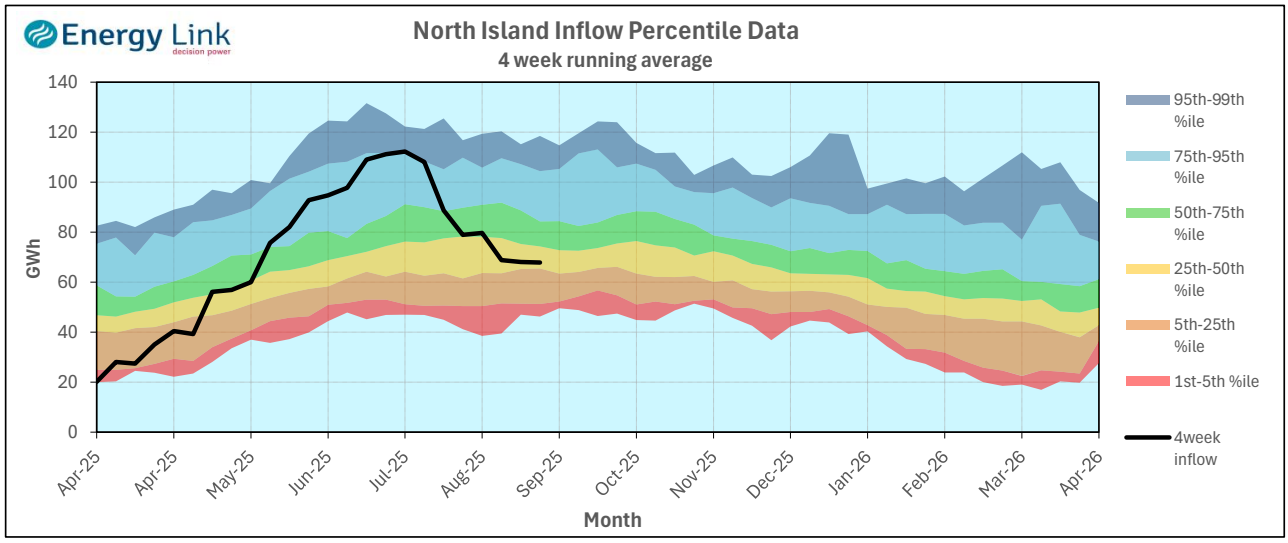
Inflow Summary

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 32nd wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 32nd driest on record.



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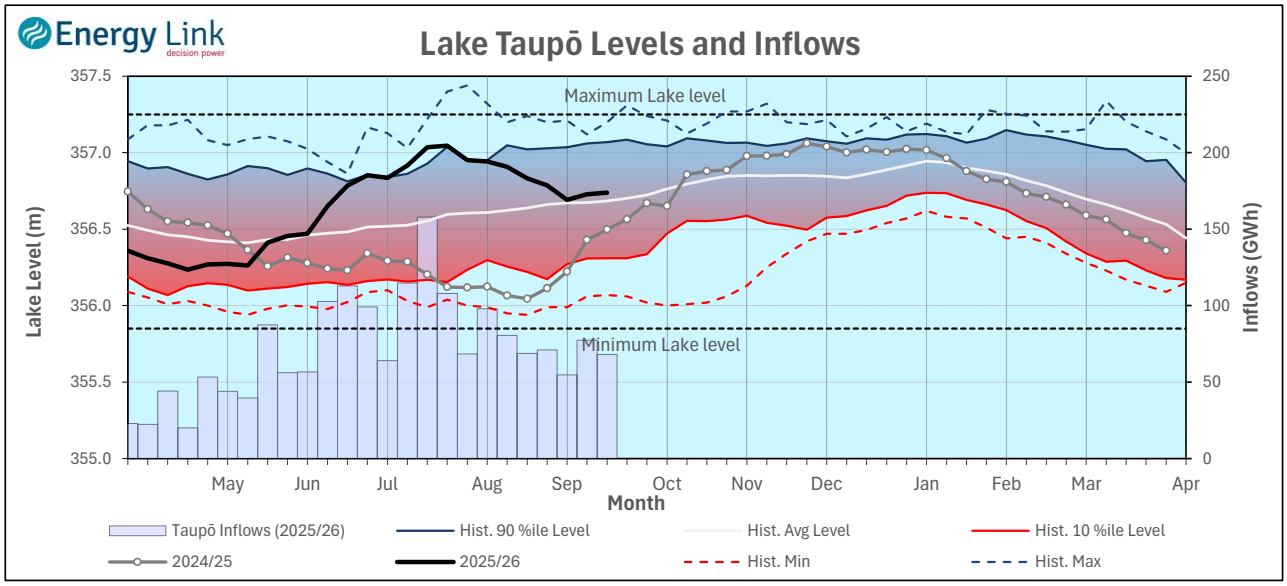
Waikato System

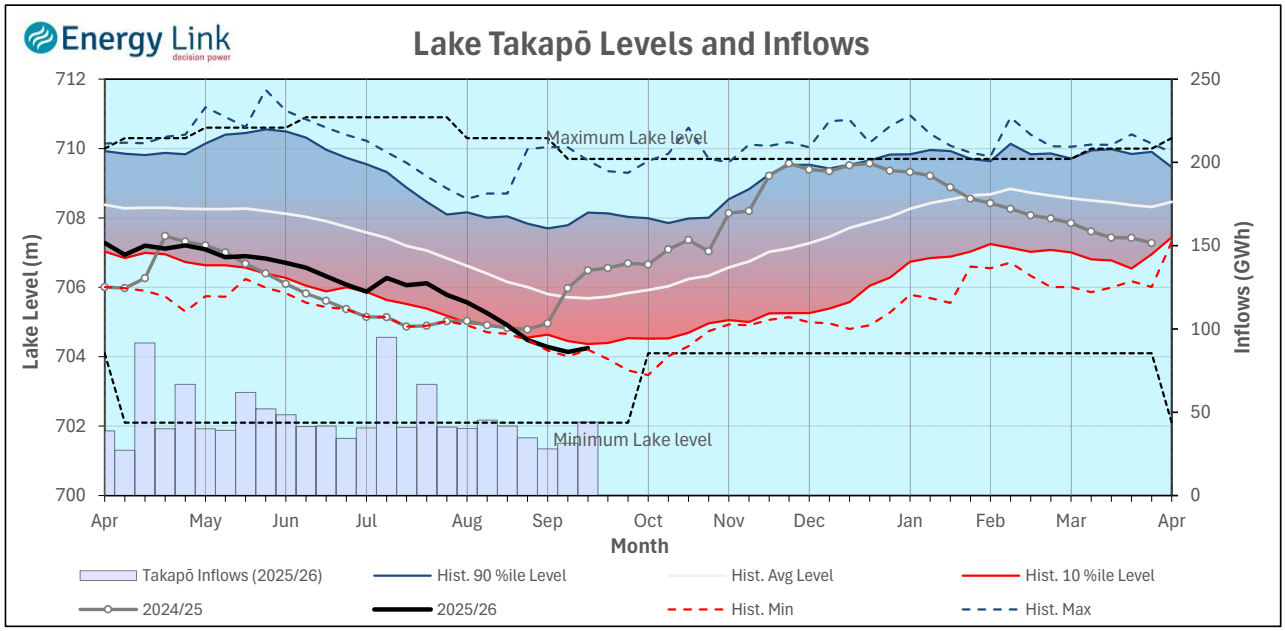


Lake Levels - Lake Taupō storage increased to 63.5% of nominal full at 363 GWh.

Inflows - Inflows decreased 12% to 68 GWh.

Generation - Average generation increased 0.3% to 457.6 MW.

Takapō



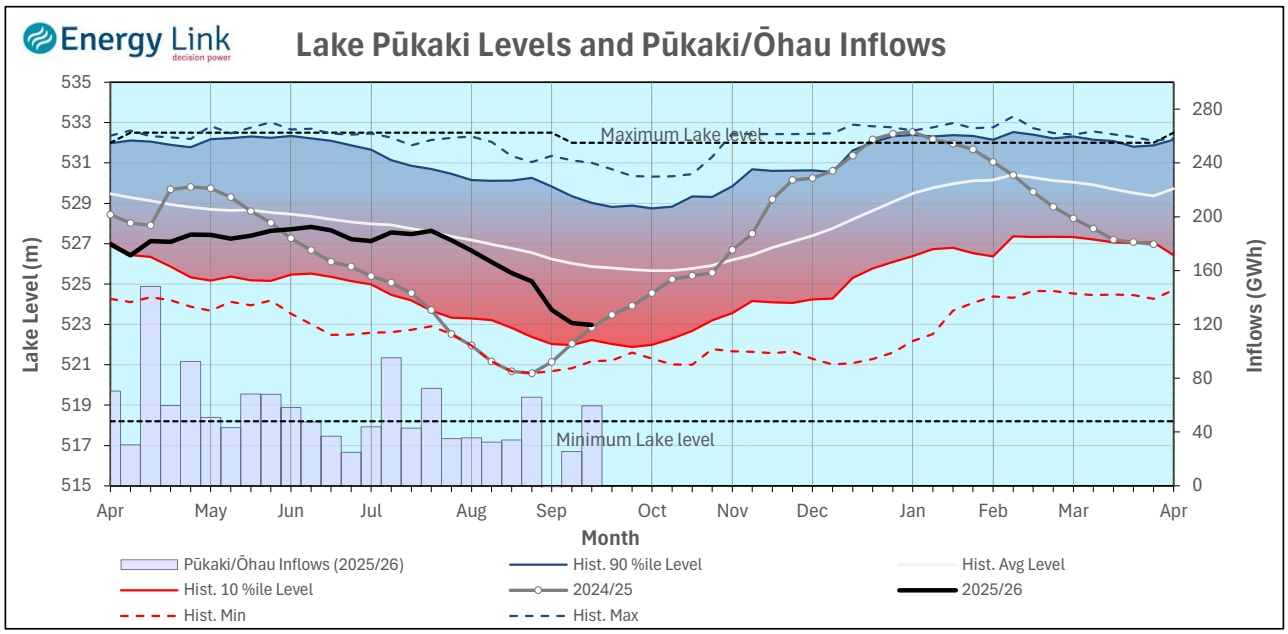
Lake Levels - Lake Takapō ended the week 28% nominally full with storage increasing to 203 GWh.

Inflows - Inflows into Takapō increased 41% to 44 GWh.

Generation - Average Takapō generation decreased 26% to 69.6 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 33% nominally full with storage falling to 586 GWh.

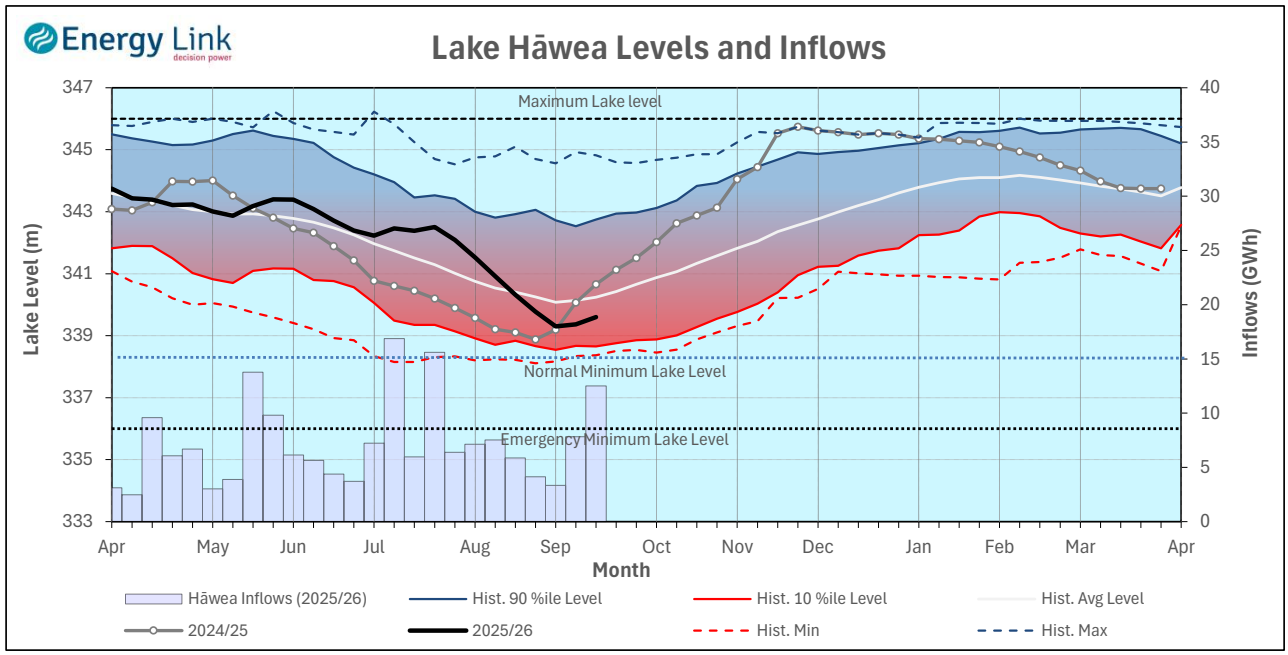
Inflows - Inflows into the Waitaki System increased 132.4% to 59 GWh.

Generation - Average Waitaki generation decreased 31.6% to 613 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 26.6 cumecs while Waitaki River flows were lower than last week averaging 250.8 cumecs.

Clutha System



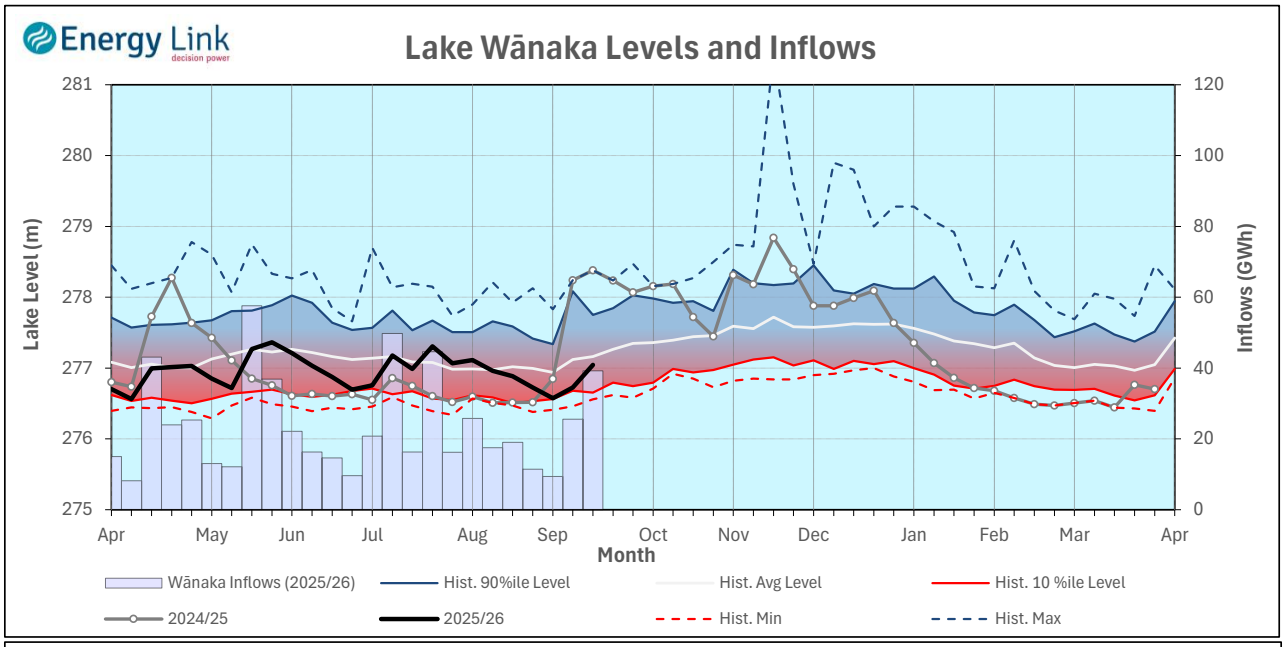
Lake Levels - Total storage for the Clutha System increased by 42.3% to 149 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 19.1%, 41.8% and 42.4% nominally full respectively.

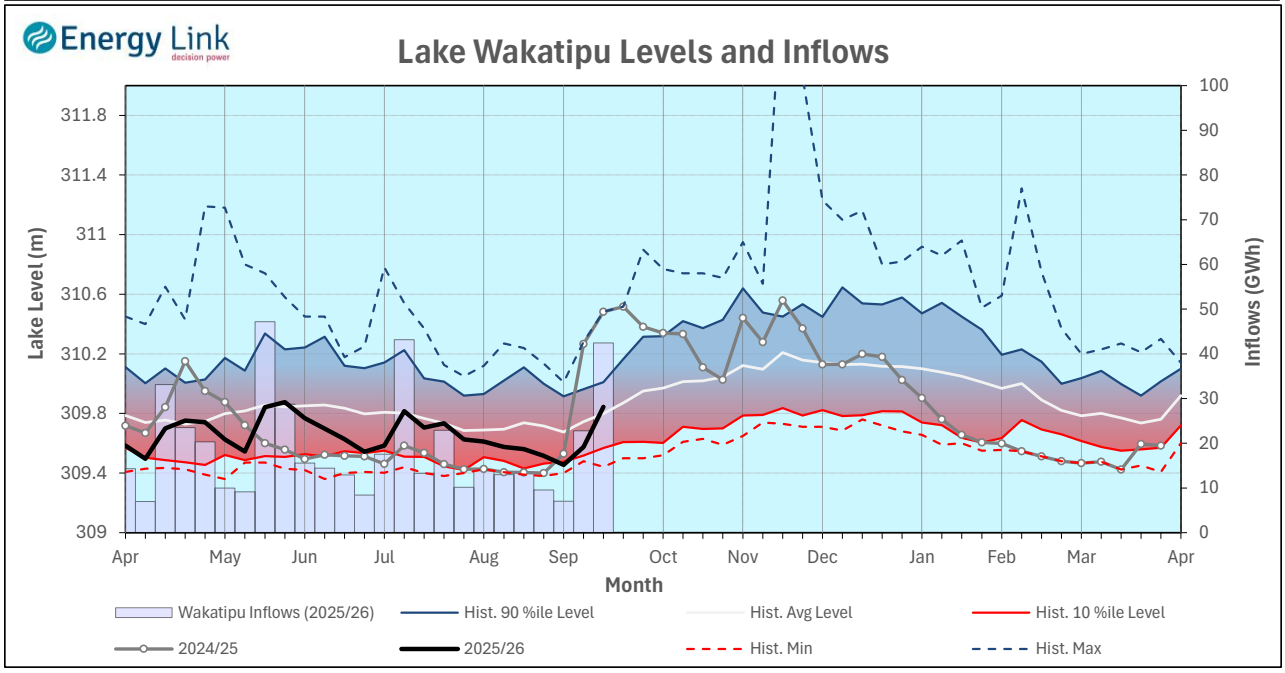
Inflows - Total Inflows into the Clutha System 67.6% higher at 94 GWh.

Generation - Average generation was 33.7% higher at 364 MW.

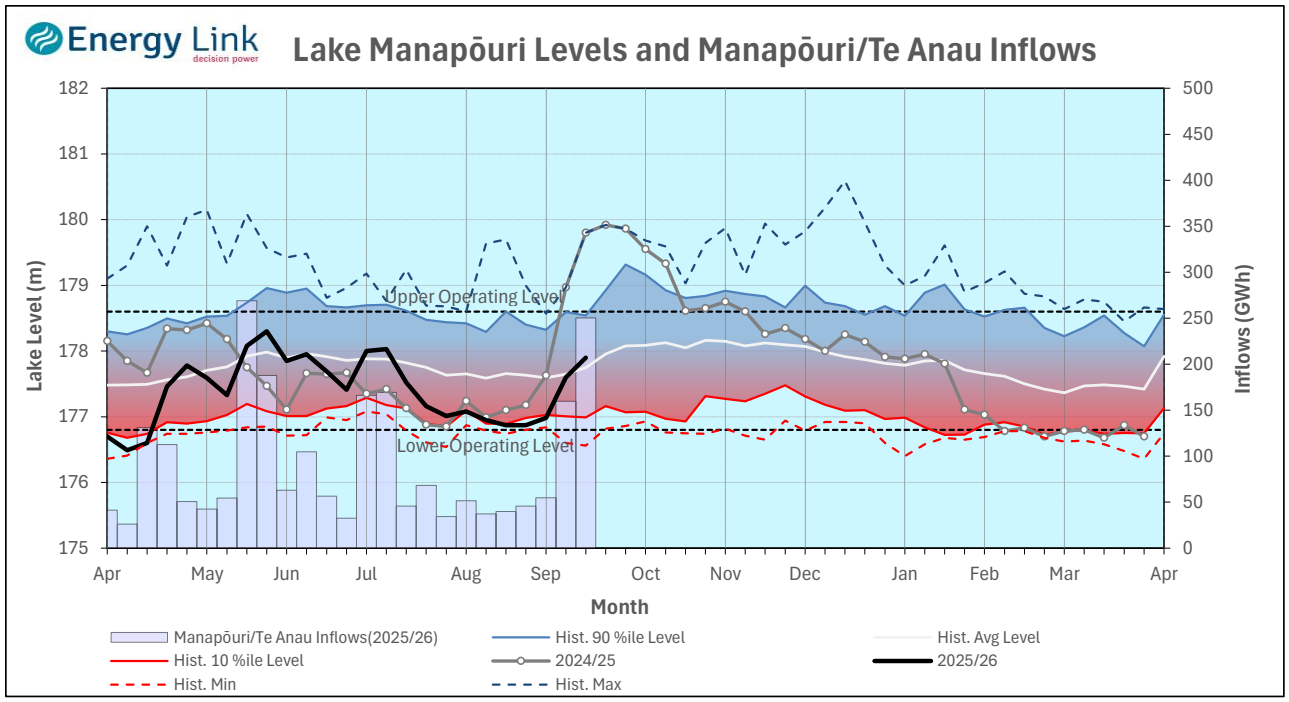
Hydro Spill - The was no estimated spill

River Flows - Total outflows from the lakes and Shotover River increased to 374.1 cumecs. This comprised of 27 cumecs from Lake Hāwea, 150 cumecs from Lake Wānaka, 142 cumecs from Lake Wakatipu and 55 cumecs from the Shotover River.





Manapōuri System



Lake Levels - Total storage for the Manapōuri System increased by 58.3% to 373 GWh with Lake Manapōuri ending the week 74.2% nominally full and Lake Te Anau ending the week 91.8% nominally full.

Inflows - Total inflows into the Manapōuri System increased 56.6% to 250 GWh.

Generation - Average generation was 78.5% higher at 671 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 105.4 cumecs.

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