HydroWatch

Thursday, 7 August 2025 **Issue: 1477**

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)	**1,394**	**239**	**1,633**	**431**		**2,064**
Storage Change (GWh)	-126	-40	-166	-15		-181

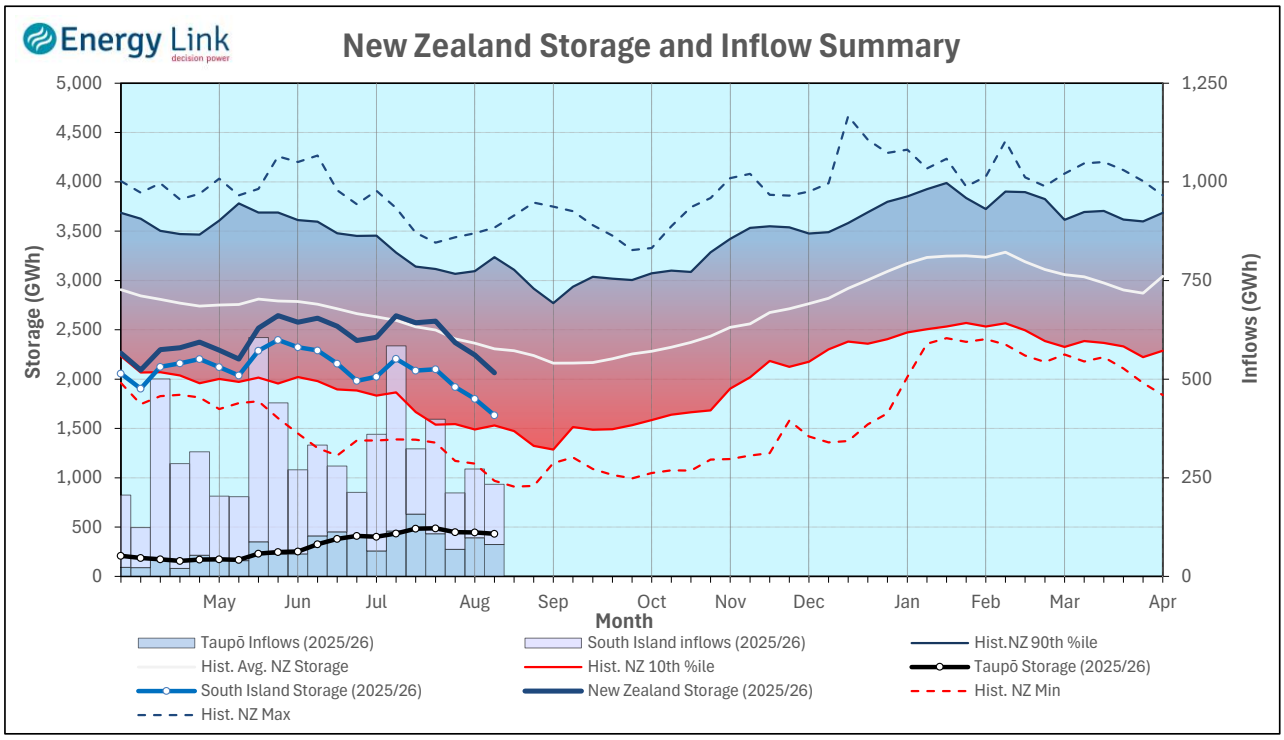
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,565**	**431**		**1,996**

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 decreased 181 GWh over the last week. South Island controlled storage decreased 8.3% to 1,394 GWh; South Island uncontrolled storage decreased 15% to 239 GWh; with Taupō storage decreasing 3.3% to 431 GWh.



Thursday, 7 August 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**170**	**174**	**1,289**	**431**		**2,064**
Last Week	201	206	1,393	446		2,245
% Change	-15.0%	-15.8%	-7.4%	-3.3%		-8.1%
Inflow (GWh)						
This Week	**37**	**38**	**78**	**81**		**234**
Last Week	51	47	76	98		272
% Change	-27.4%	-18.8%	2.4%	-17.7%		-14.1%

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Lake Levels and Outflows

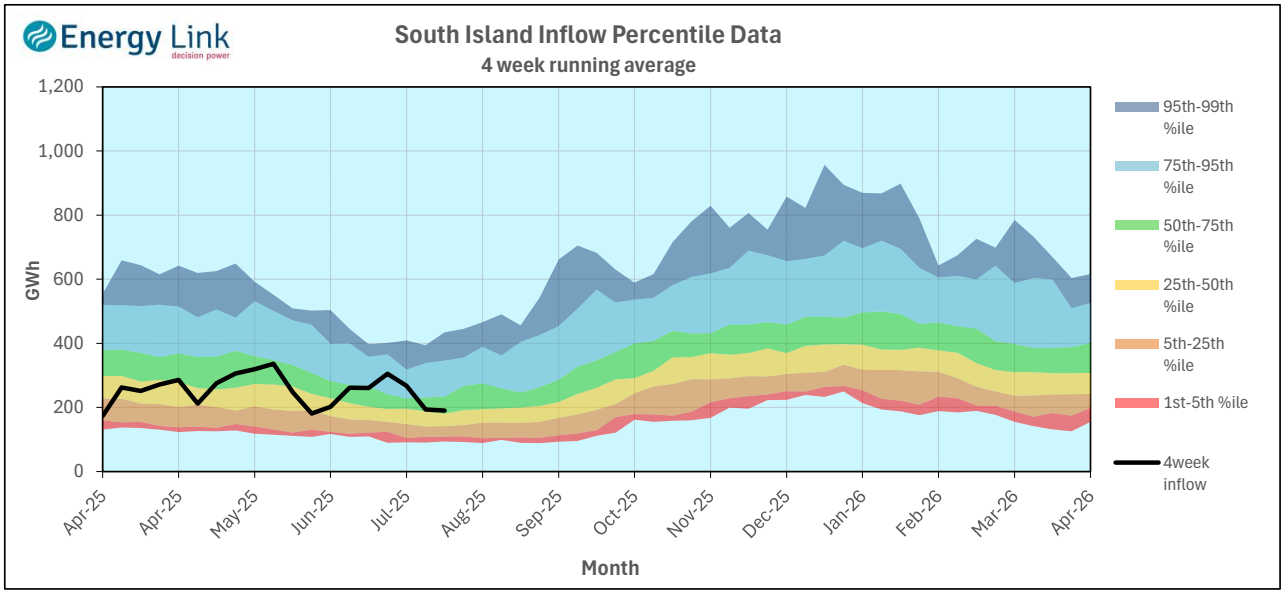
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	176.95	64	13
	Te Anau	201.57	106	
Clutha	Wakatipu	309.58	25	101
	Wānaka	276.96	44	161
	Hāwea	340.92	105	191
Waitaki	Takapō	705.26	303	
	Pūkaki	526.09	986	
Waikato	Taupō	356.91	431	

Outflow Change
0
4
11
11

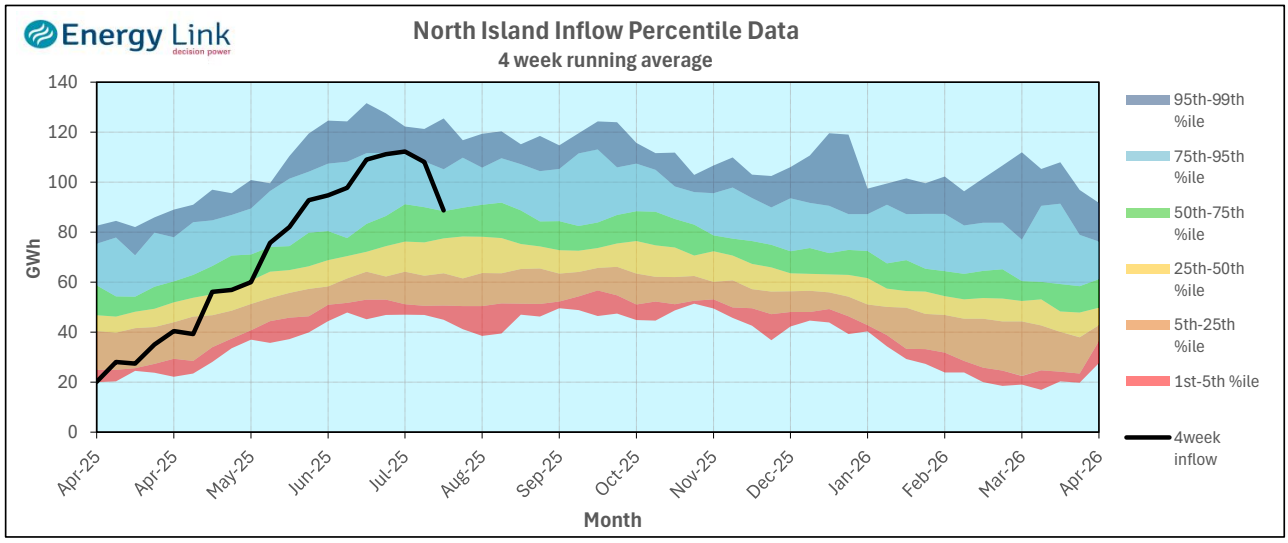
Inflow Summary

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.

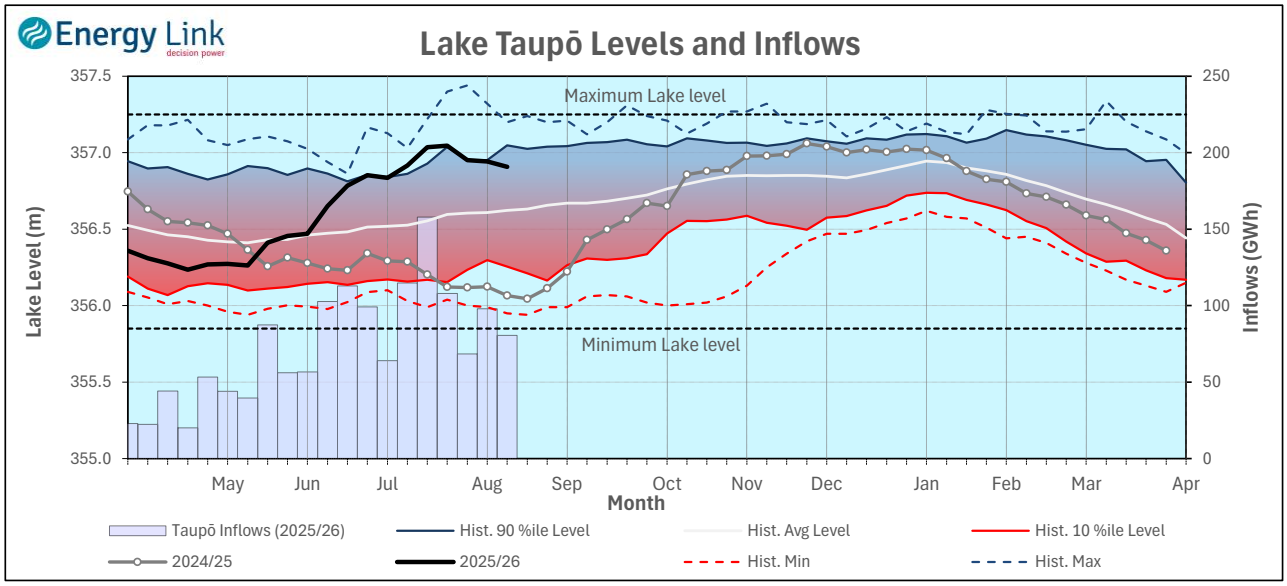
South Island Inflows - The past four weeks of S. I. inflows rank as the 42nd wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 24th wettest on record.



Waikato System

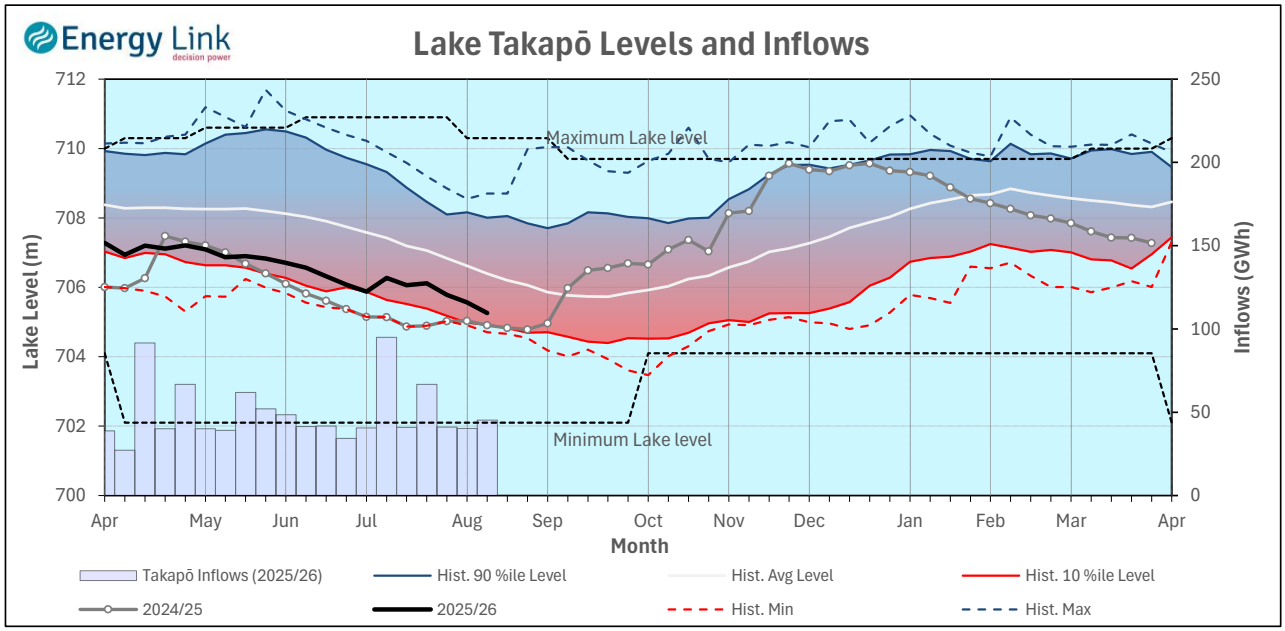


Lake Levels - Lake Taupō storage fell to 75.5% of nominal full at 431 GWh.

Inflows - Inflows decreased 17.7% to 81 GWh.

Generation - Average generation decreased 3.8% to 629.8 MW.

Takapō



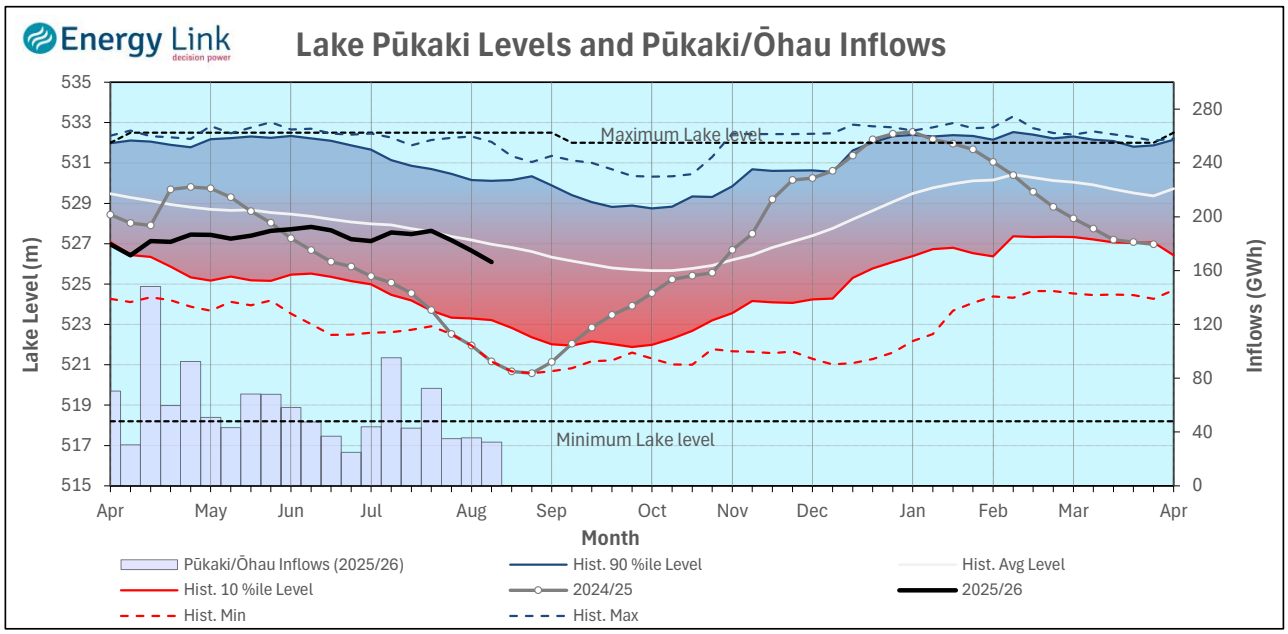
Lake Levels - Lake Takapō ended the week 38% nominally full with storage falling to 303 GWh.

Inflows - Inflows into Takapō increased 12.3% to 45 GWh.

Generation - Average Takapō generation increased 20.7% to 157.2 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 53% nominally full with storage falling to 986 GWh.

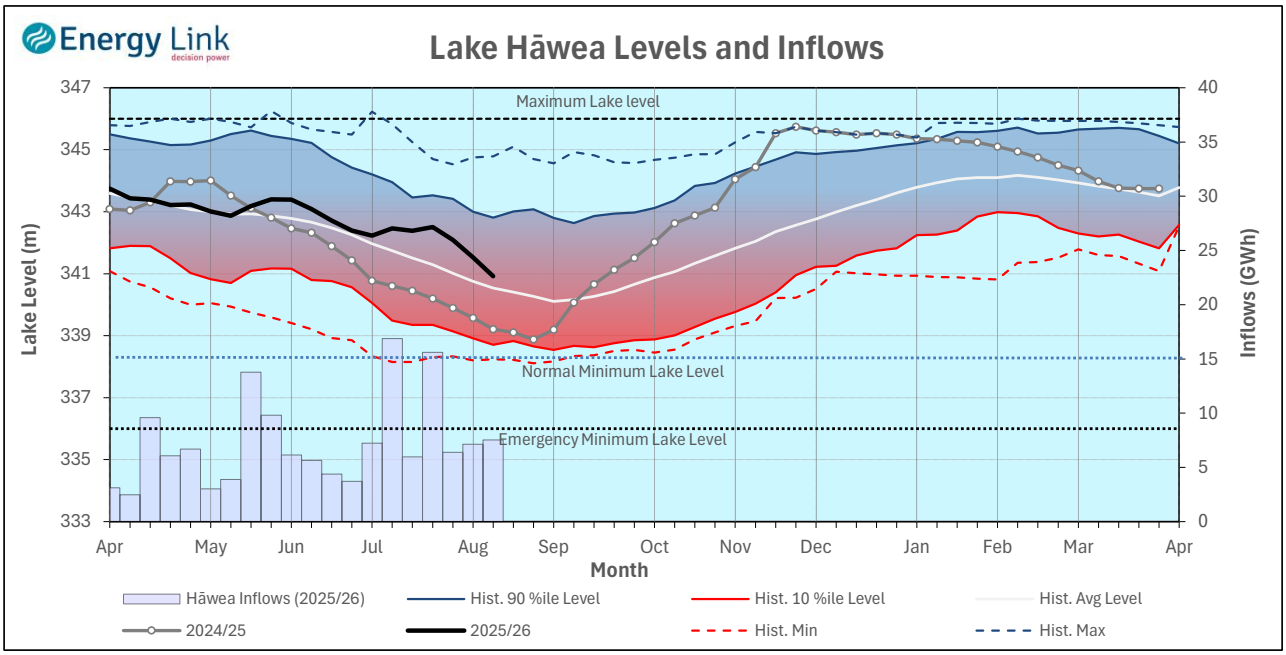
Inflows - Inflows into the Waitaki System decreased 8.9% to 32 GWh.

Generation - Average Waitaki generation increased 1.3% to 989 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River increased to 23.7 cumecs while Waitaki River flows were lower than last week averaging 393.8 cumecs.

Clutha System



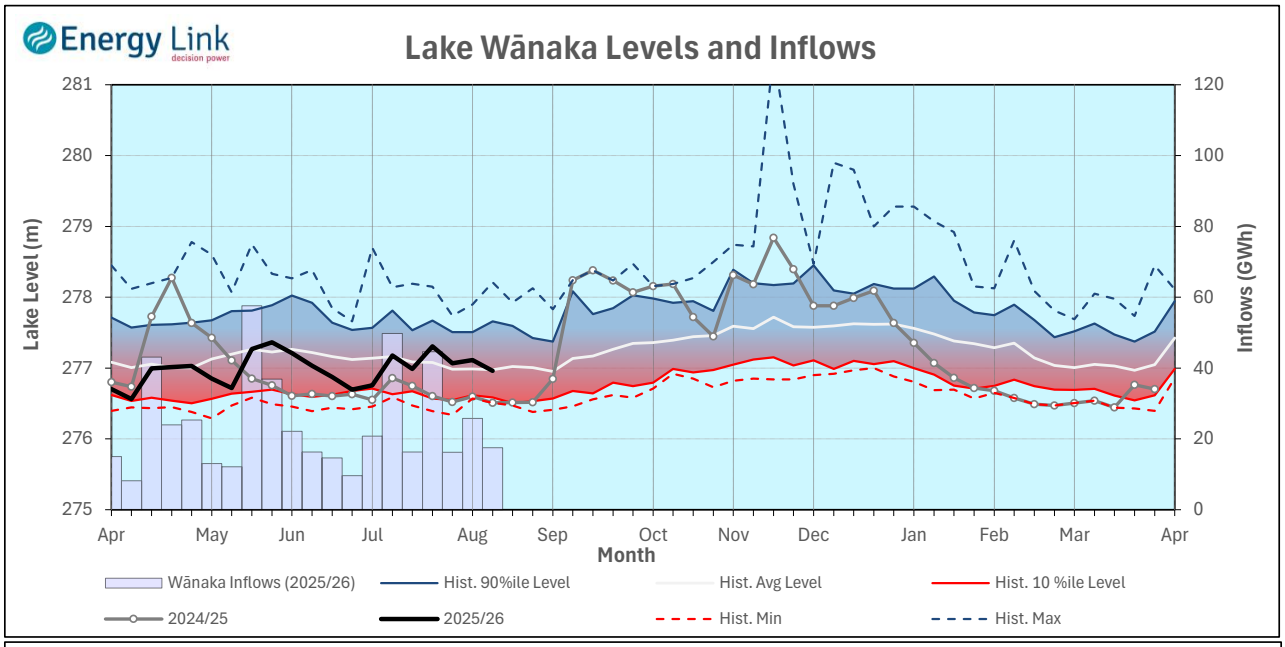
Lake Levels - Total storage for the Clutha System decreased 15.8% to 174 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 35.6%, 38.2% and 23.3% nominally full respectively.

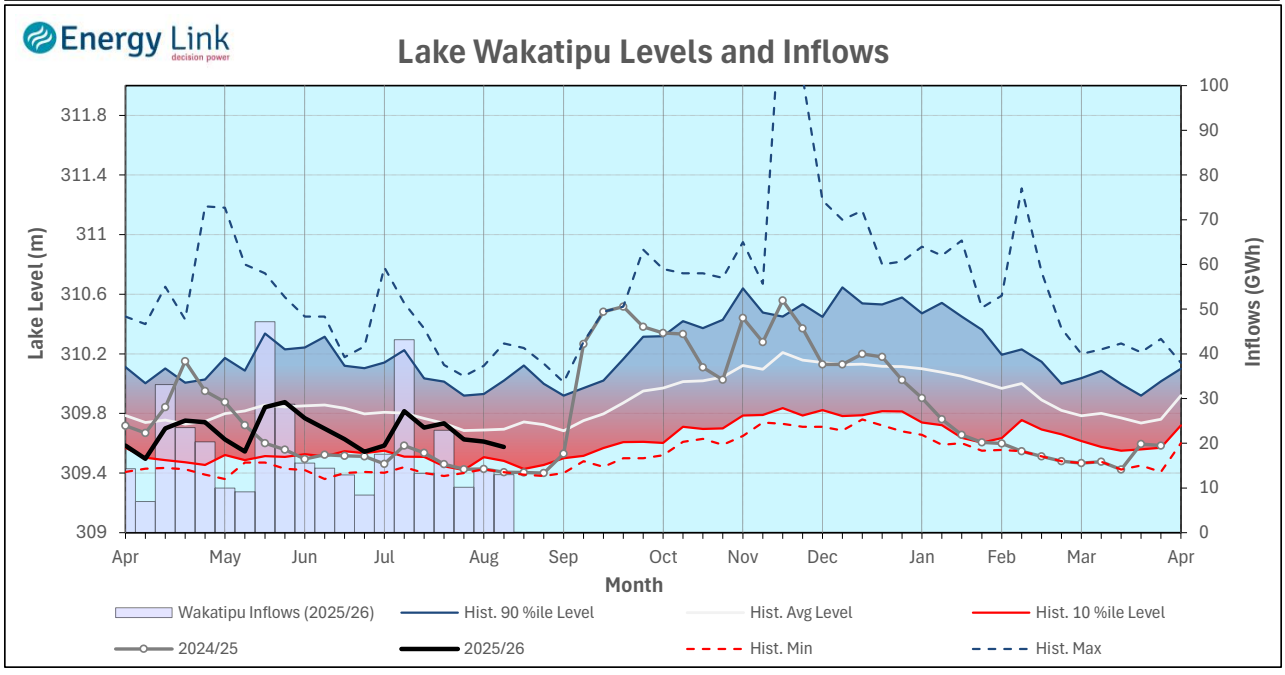
Inflows - Total Inflows into the Clutha System 18.8% lower at 38 GWh.

Generation - Average generation was 8% higher at 473 MW.

Hydro Spill - The was no estimated spill

River Flows - Total outflows from the lakes and Shotover River increased to 483.6 cumecs. This comprised of 191 cumecs from Lake Hāwea, 161 cumecs from Lake Wānaka, 101 cumecs from Lake Wakatipu and 31 cumecs from the Shotover River.





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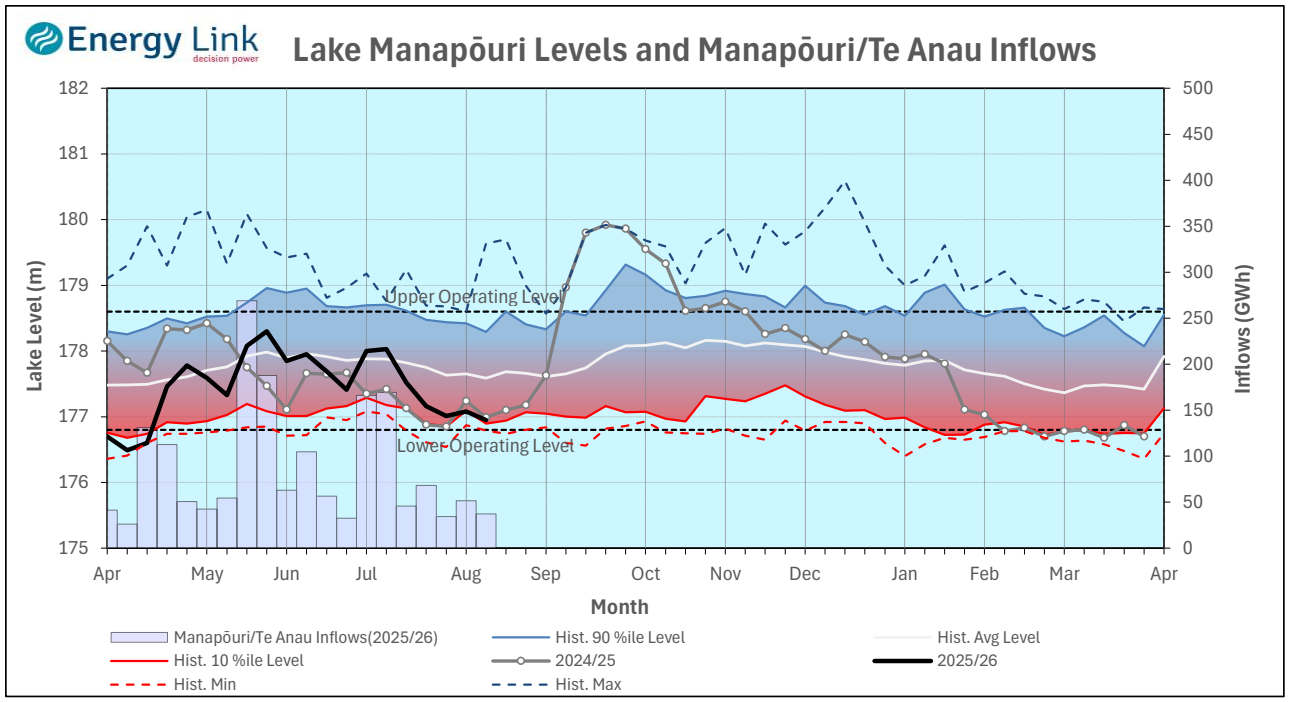
Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 15% to 170 GWh with Lake Manapōuri ending the week 39.5% nominally full and Lake Te Anau ending the week 38.6% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 27.4% to 37 GWh.

Generation - Average generation was 5.8% higher at 402 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 12.8 cumecs.

Operating Range - Lakes Manapōuri and Te Anau are operating in the lower end of their respective 'Main operating range'.