HydroWatch

Thursday, 24 July 2025 **Issue: 1475**

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)	**1,631**	**290**	**1,921**	**449**		**2,370**
Storage Change (GWh)	-111	-68	-179	-39		-218

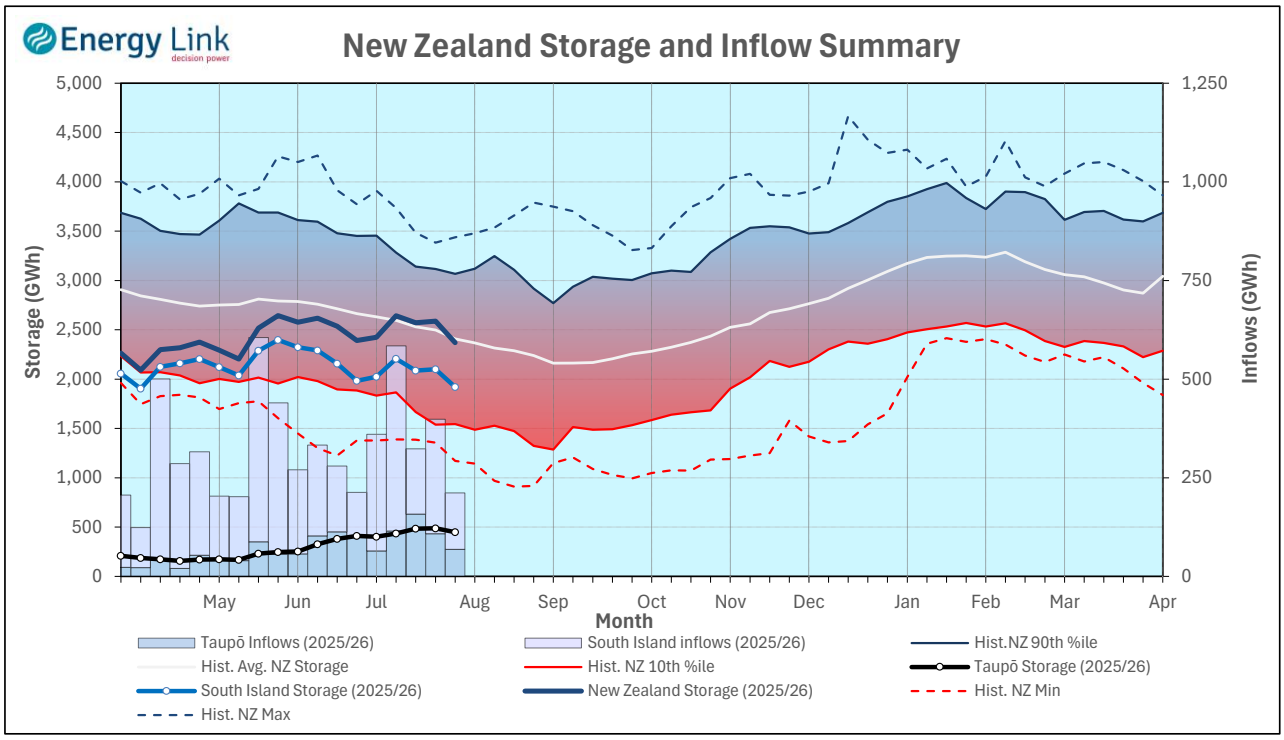
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,844**	**449**		**2,293**

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 218 GWh over the last week. South Island controlled storage decreased 6.4% to 1,631 GWh; South Island uncontrolled storage decreased 19% to 290 GWh; with Taupō storage decreasing 7.9% to 449 GWh.



Thursday, 24 July 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**213**	**226**	**1,483**	**449**		**2,370**
Last Week	261	262	1,578	488		2,588
% Change	-18.3%	-13.7%	-6.1%	-7.9%		-8.4%
Inflow (GWh)						
This Week	**34**	**33**	**76**	**68**		**212**
Last Week	68	83	139	108		399
% Change	-49.6%	-60.6%	-45.2%	-36.7%		-46.9%

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Lake Levels and Outflows

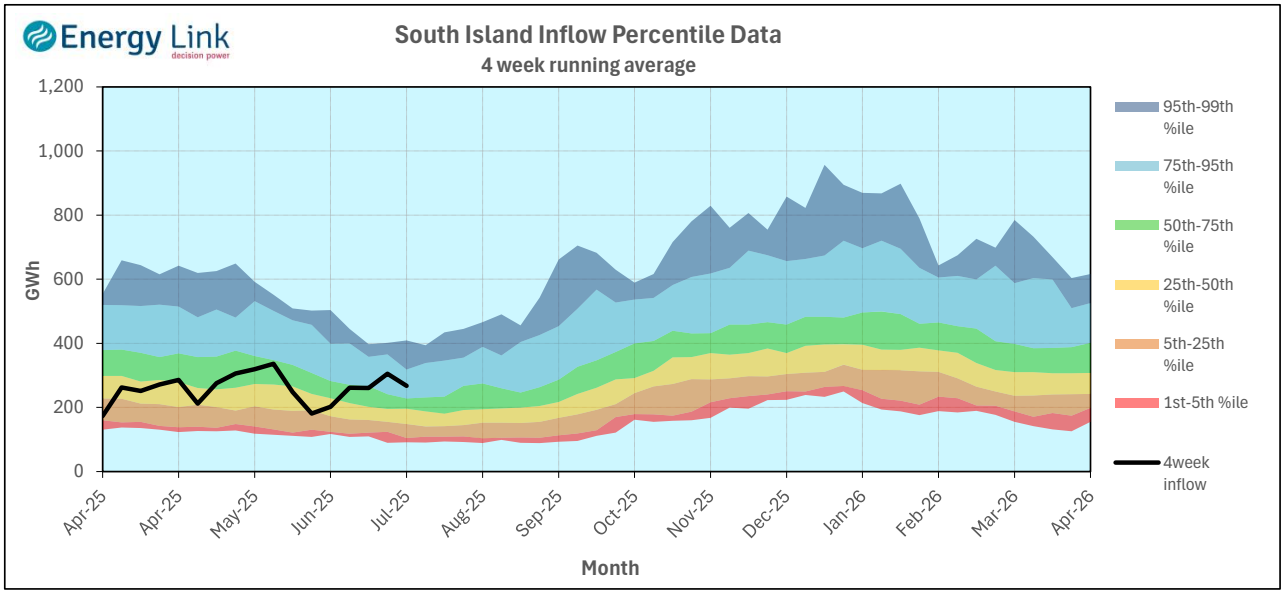
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	177.01	68	13
	Te Anau	201.83	145	
Clutha	Wakatipu	309.63	28	117
	Wānaka	277.07	49	181
	Hāwea	342.09	148	141
Waitaki	Takapō	705.78	355	
	Pūkaki	527.17	1,128	
Waikato	Taupō	356.95	449	

Outflow Change
0
-16
-3
71

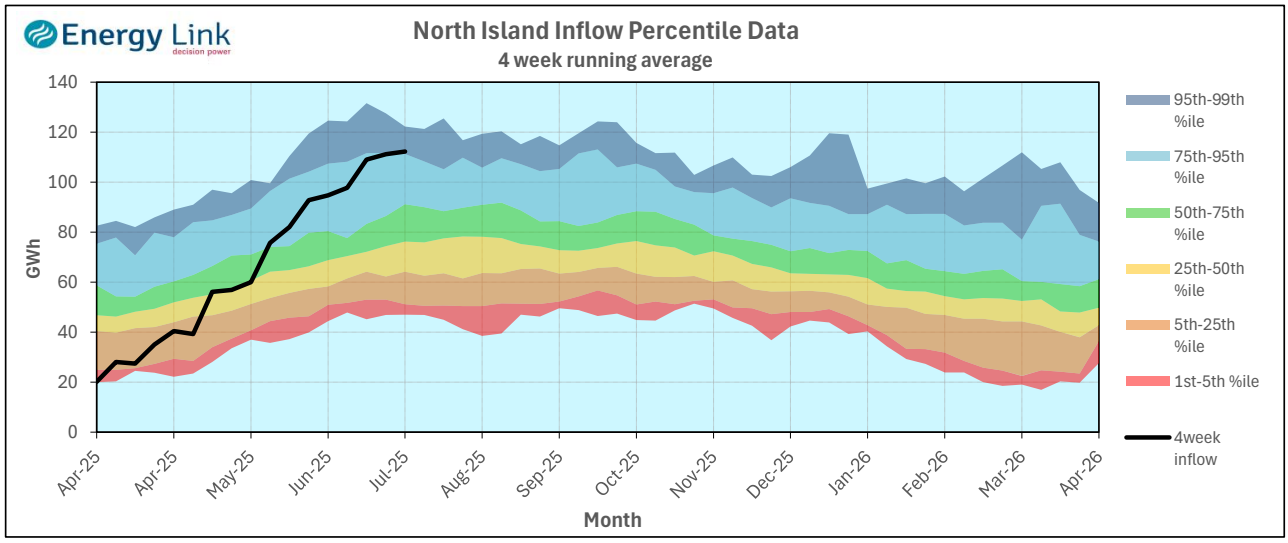
Inflow Summary

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.

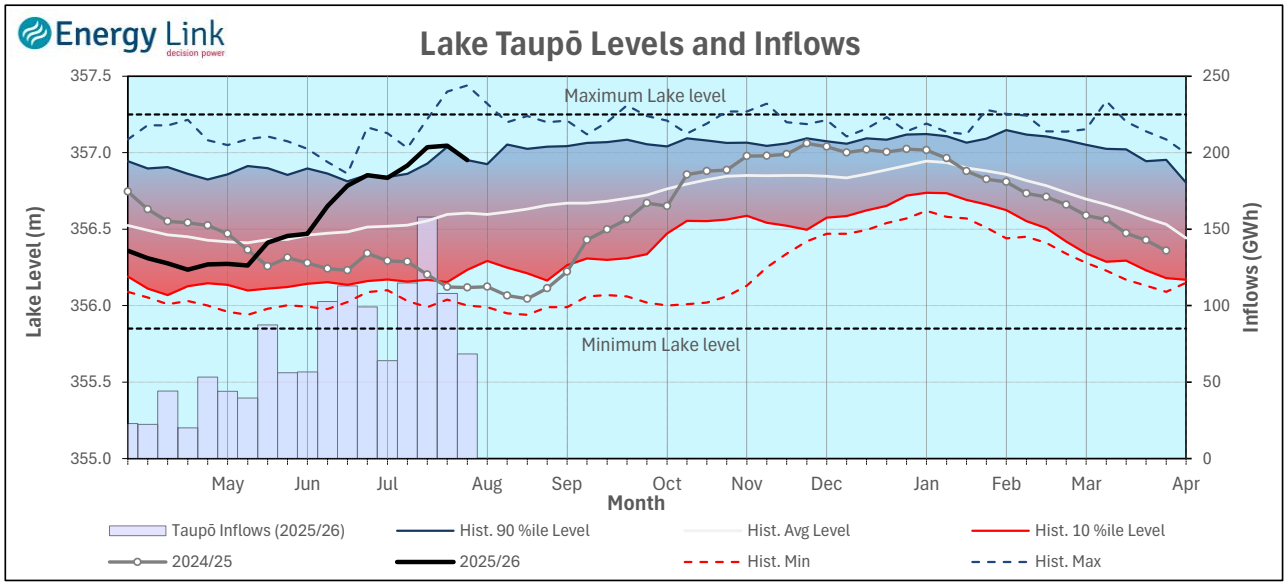
South Island Inflows - The past four weeks of S. I. inflows rank as the 15th wettest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 6th wettest on record.



Waikato System

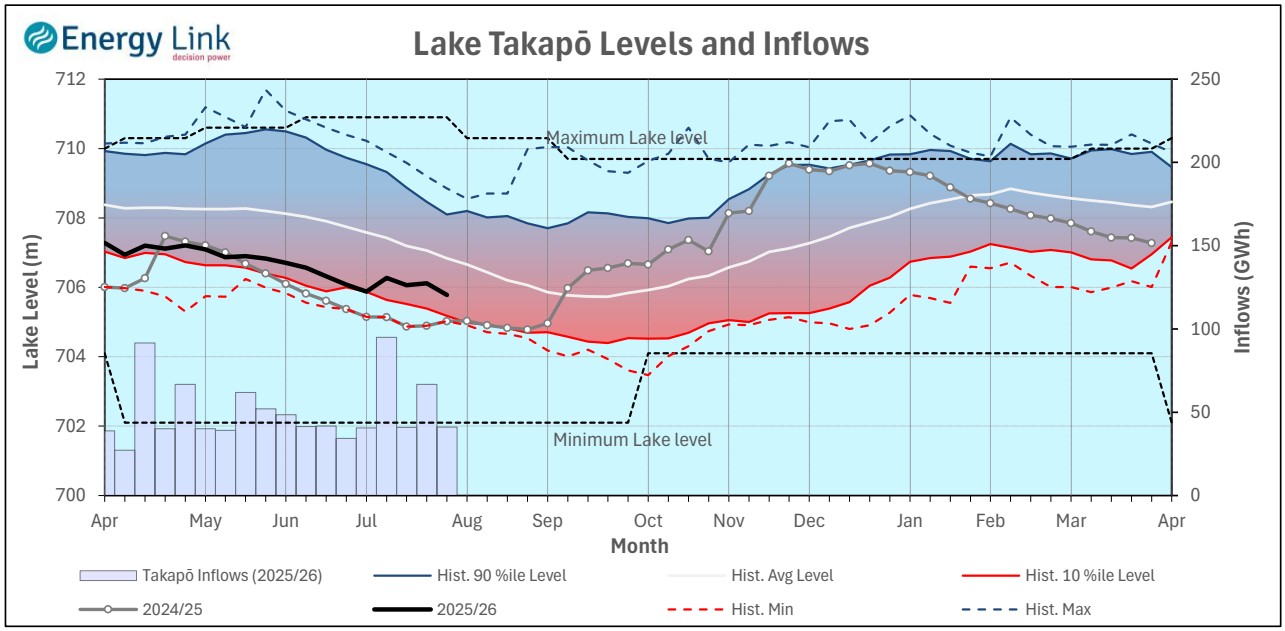


Lake Levels - Lake Taupō storage fell to 78.7% of nominal full at 449 GWh.

Inflows - Inflows decreased 36.7% to 68 GWh.

Generation - Average generation increased 5.9% to 703.3 MW.

Takapō



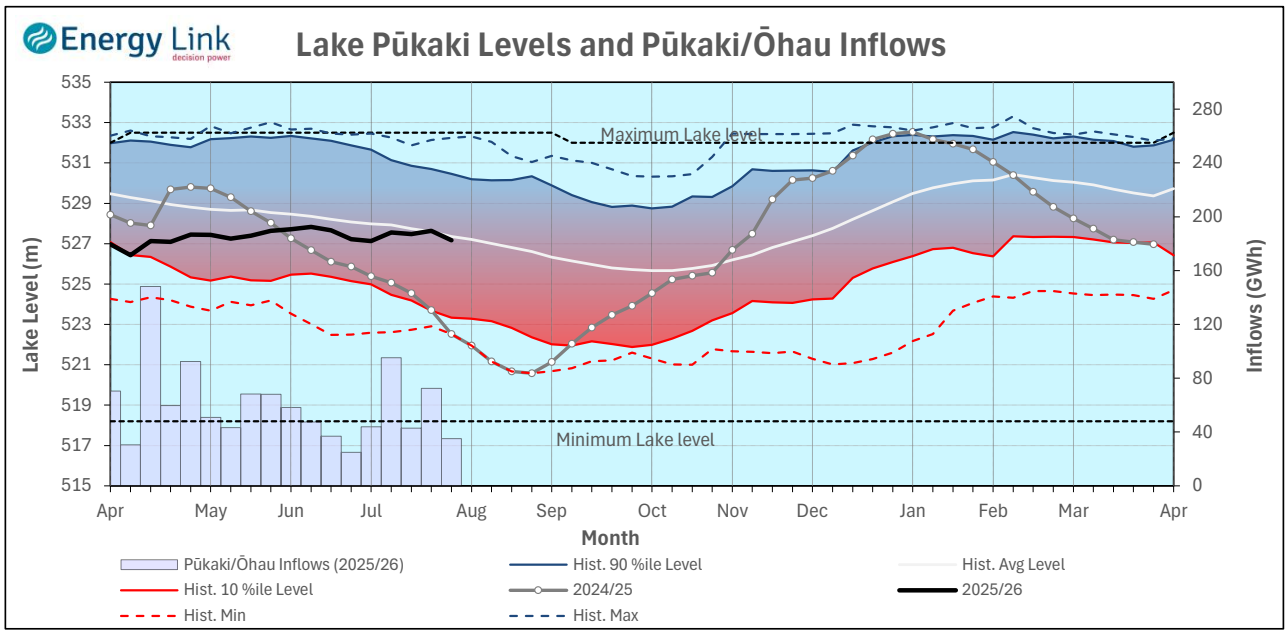
Lake Levels - Lake Takapō ended the week 42% nominally full with storage falling to 355 GWh.

Inflows - Inflows into Takapō decreased 38.3% to 41 GWh.

Generation - Average Takapō generation increased 23.4% to 156.7 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 61% nominally full with storage falling to 1,128 GWh.

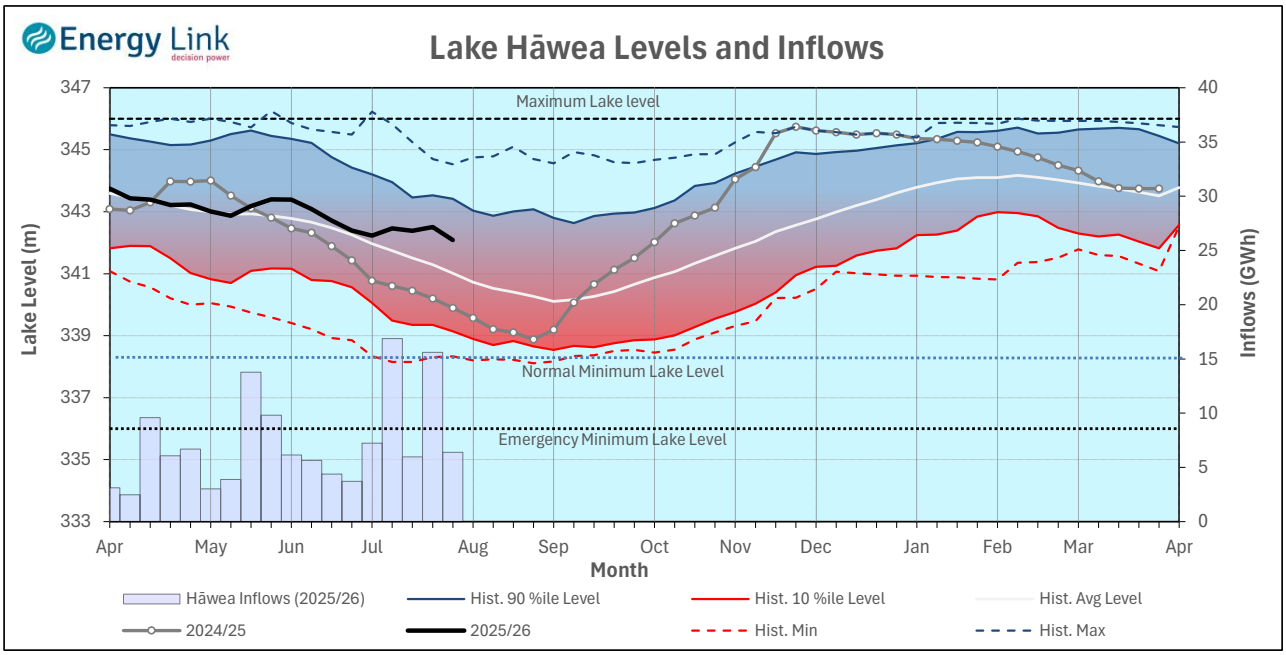
Inflows - Inflows into the Waitaki System decreased 51.6% to 35 GWh.

Generation - Average Waitaki generation increased 52.4% to 989 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 27.7 cumecs while Waitaki River flows were higher than last week averaging 423 cumecs.

Clutha System



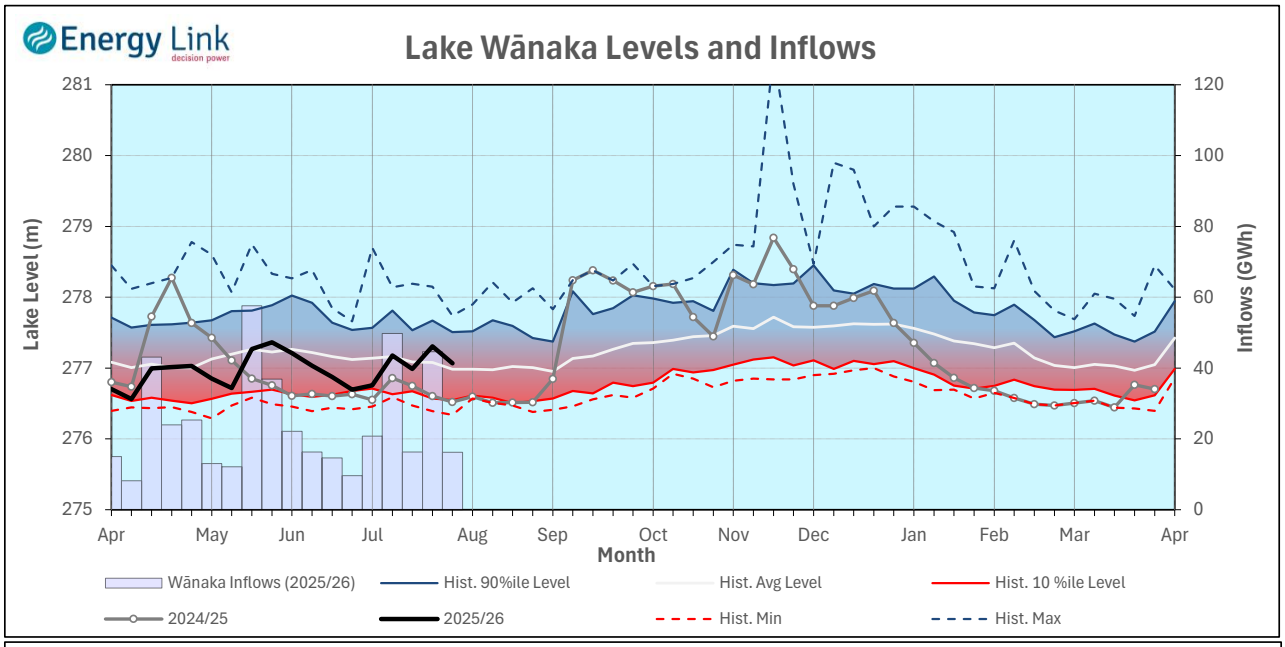
Lake Levels - Total storage for the Clutha System decreased 13.7% to 226 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 50.2%, 42.8% and 26.9% nominally full respectively.

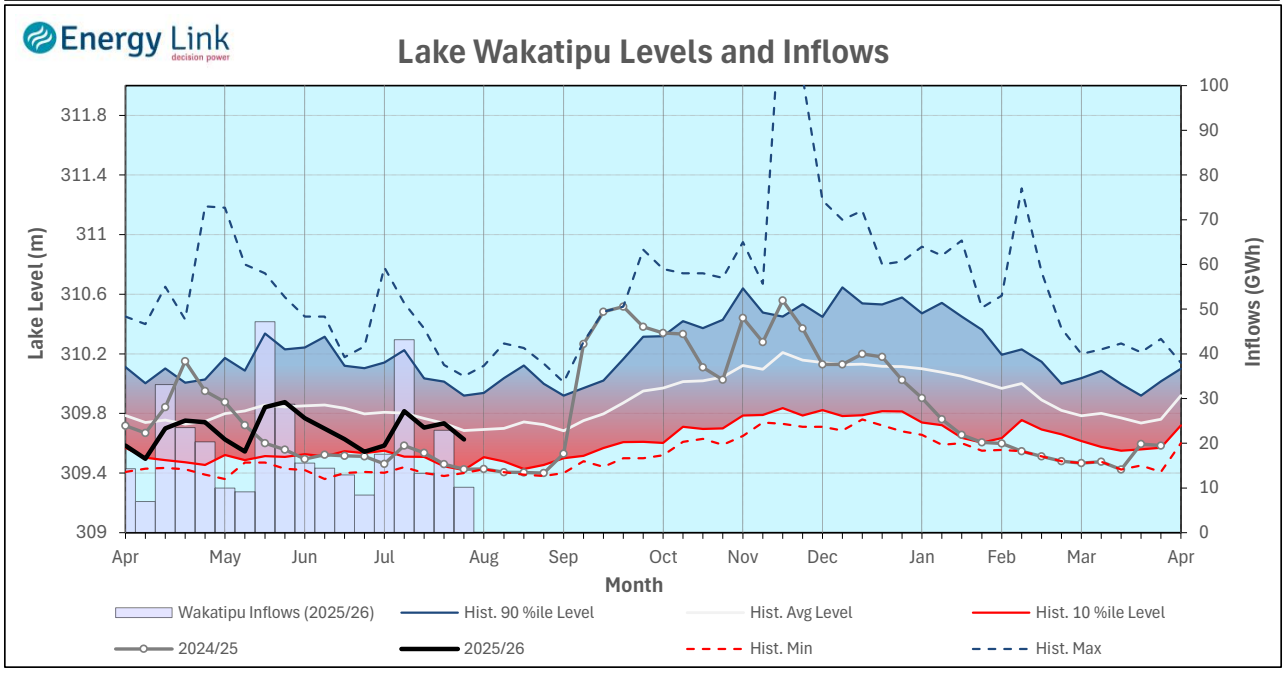
Inflows - Total Inflows into the Clutha System 60.6% lower at 33 GWh.

Generation - Average generation was 6% higher at 456 MW.

Hydro Spill - The was no estimated spill

River Flows - Total outflows from the lakes and Shotover River increased to 471.7 cumecs. This comprised of 141 cumecs from Lake Hāwea, 181 cumecs from Lake Wānaka, 117 cumecs from Lake Wakatipu and 32 cumecs from the Shotover River.





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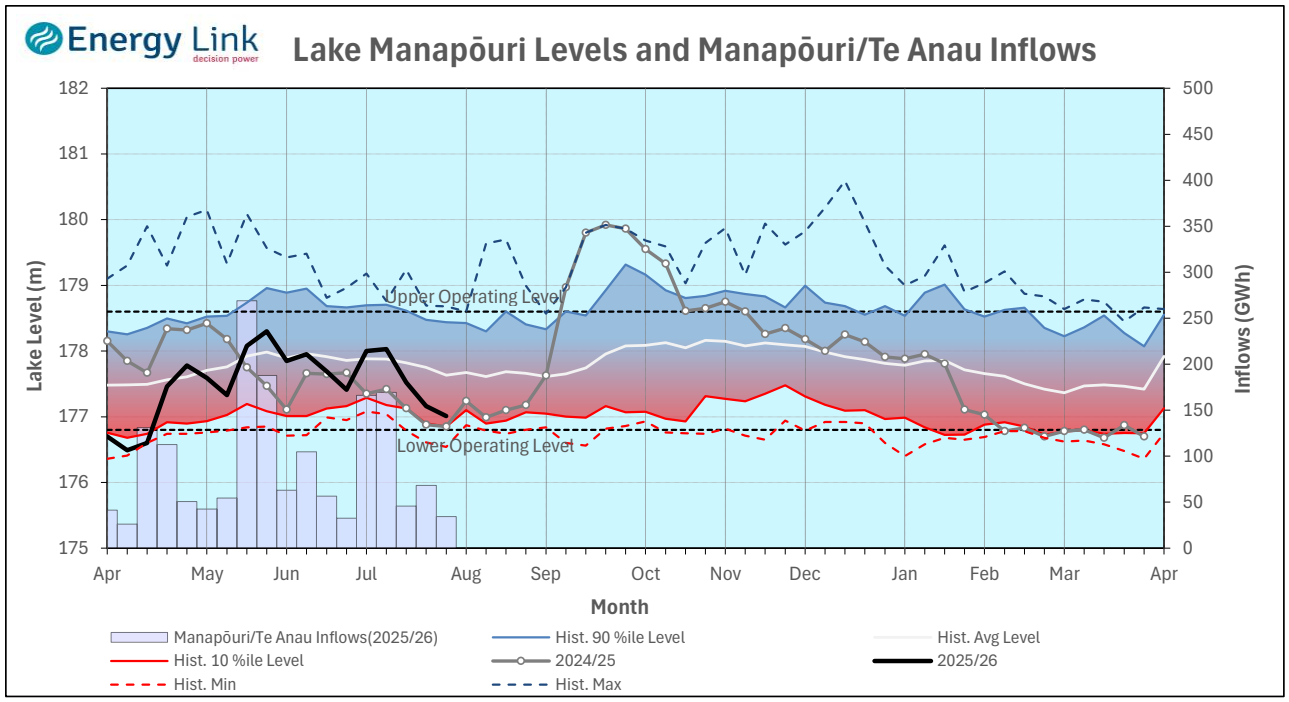
Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 18.3% to 213 GWh with Lake Manapōuri ending the week 41.7% nominally full and Lake Te Anau ending the week 52.7% nominally full.

Inflows - Total inflows into the Manapōuri System decreased 49.6% to 34 GWh.

Generation - Average generation was 21.4% lower at 489 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'.