HydroWatch

Thursday, 21 August 2025 **Issue: 1479**

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)	**1,151**	**192**	**1,343**	**382**		**1,725**
Storage Change (GWh)	-115	-20	-136	-18		-154

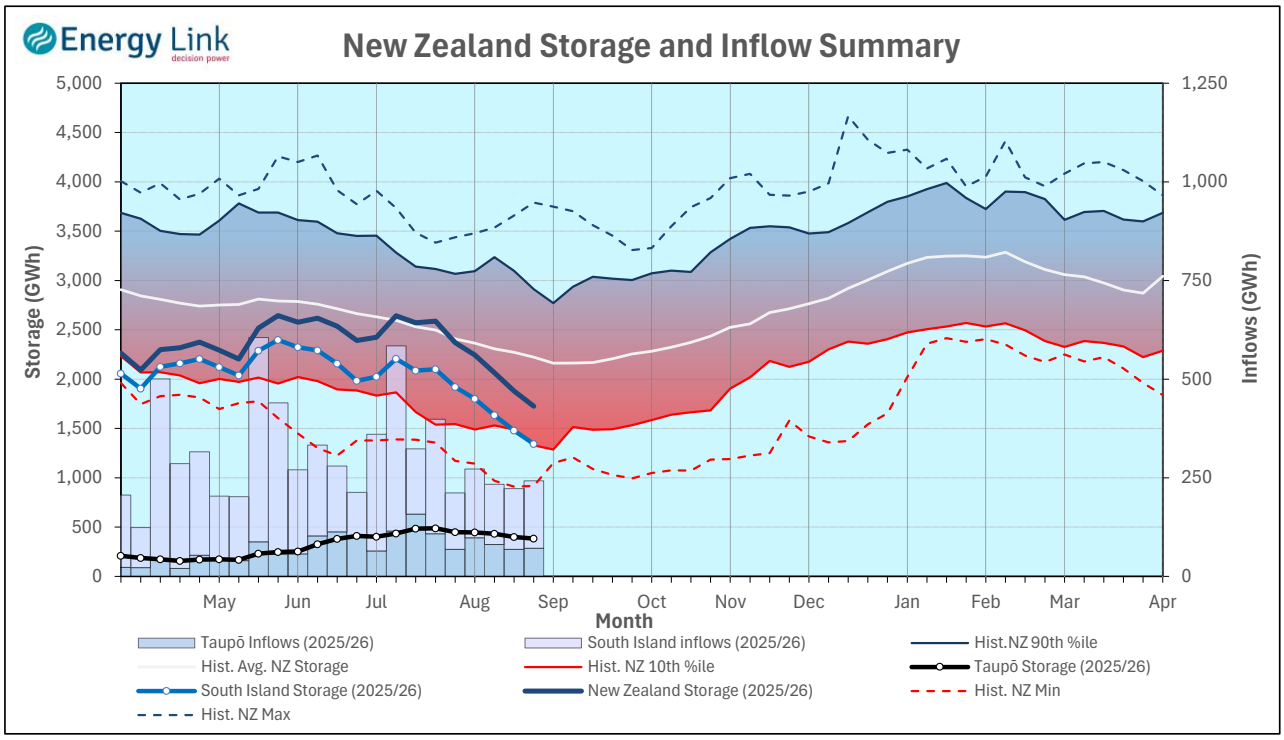
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,291**	**382**		**1,673**

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 154 GWh over the last week. South Island controlled storage decreased 9.1% to 1,151 GWh; South Island uncontrolled storage decreased 10% to 192 GWh; with Taupō storage decreasing 4.6% to 382 GWh.



Thursday, 21 August 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**140**	**115**	**1,088**	**382**		**1,725**
Last Week	149	147	1,183	401		1,879
% Change	-6.0%	-21.4%	-8.0%	-4.6%		-8.2%
Inflow (GWh)						
This Week	**46**	**25**	**101**	**71**		**243**
Last Week	40	38	76	69		223
% Change	14.8%	-34.3%	32.6%	3.2%		8.9%

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Lake Levels and Outflows

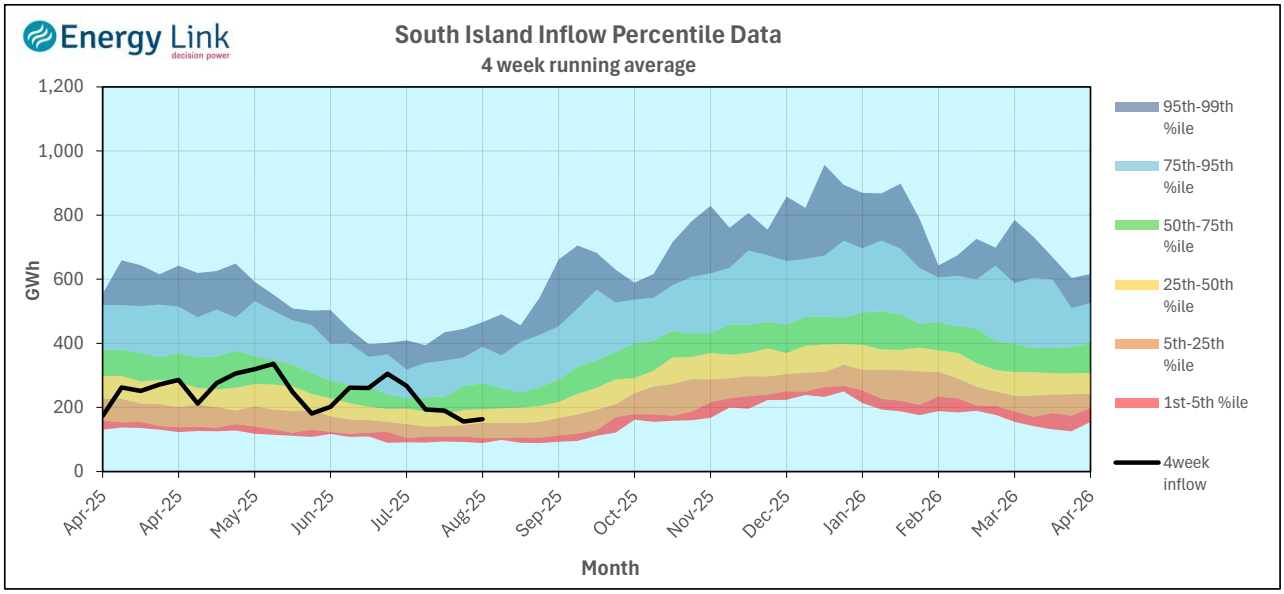
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	176.87	59	13
	Te Anau	201.40	81	
Clutha	Wakatipu	309.52	20	83
	Wānaka	276.73	32	124
	Hāwea	339.78	63	155
Waitaki	Takapō	704.48	226	
	Pūkaki	525.13	862	
Waikato	Taupō	356.79	382	

Outflow Change
0
-11
-21
-23

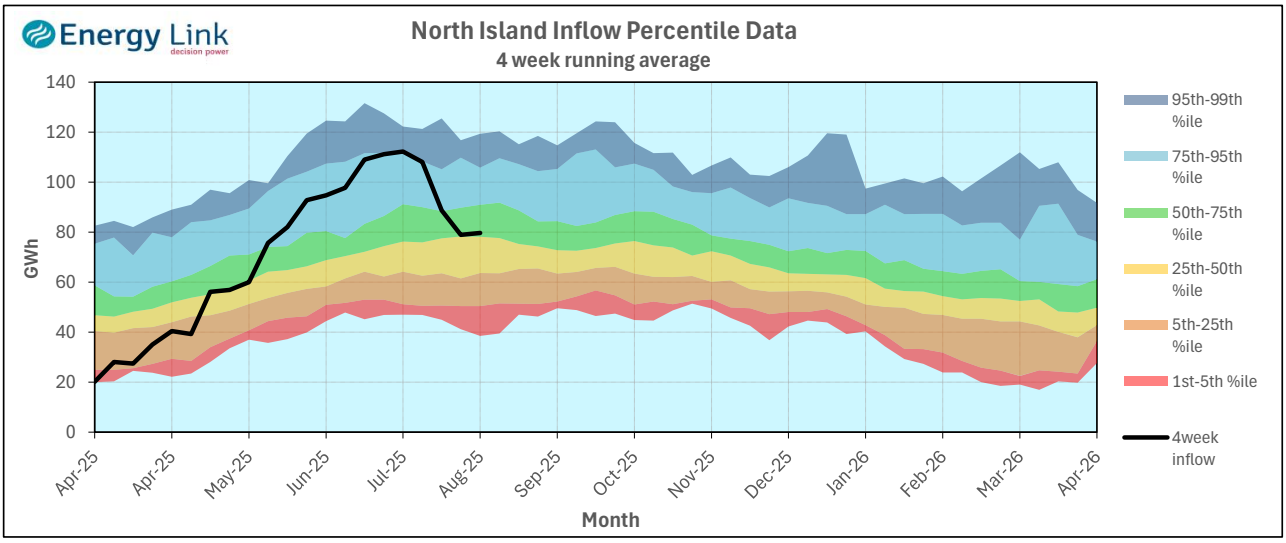
Inflow Summary

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.

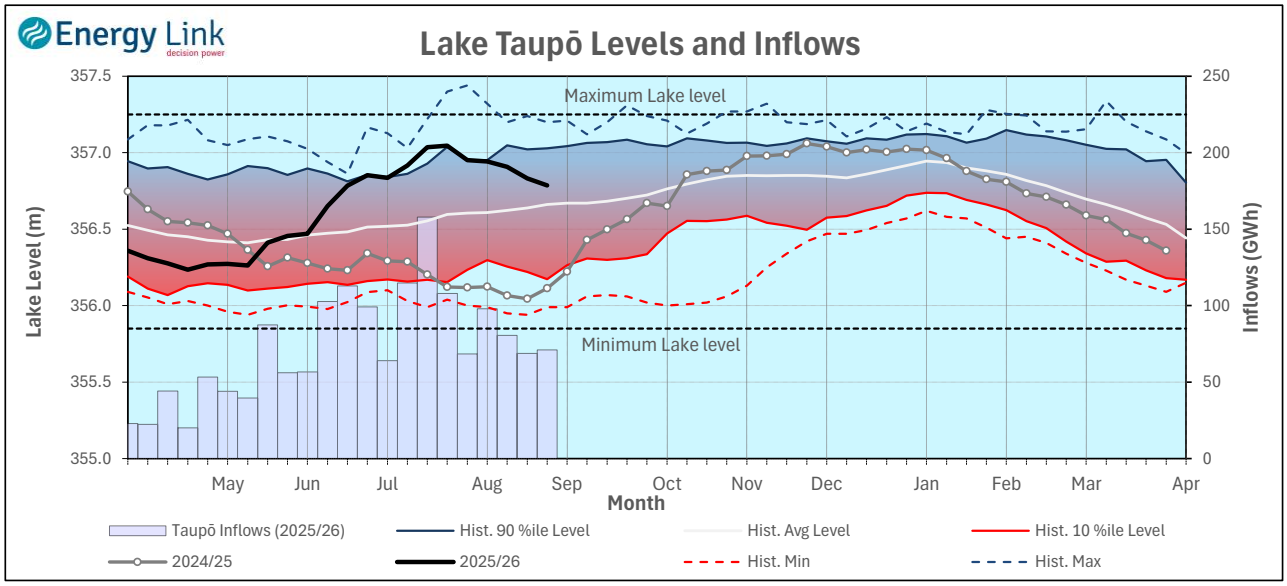
South Island Inflows - The past four weeks of S. I. inflows rank as the 30th driest on record.



North Island Inflows - The past four weeks of N. I. inflows rank as the 44th wettest on record.



Waikato System

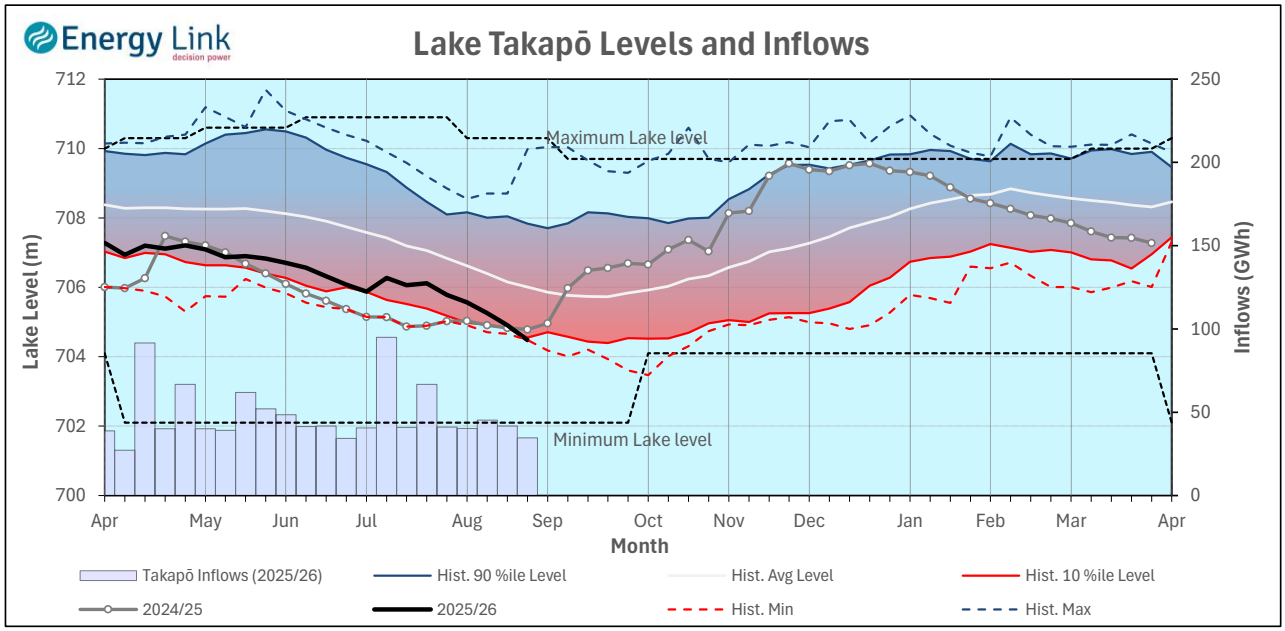


Lake Levels - Lake Taupō storage fell to 66.9% of nominal full at 382 GWh.

Inflows - Inflows increased 3.2% to 71 GWh.

Generation - Average generation decreased 7.5% to 576 MW.

Takapō



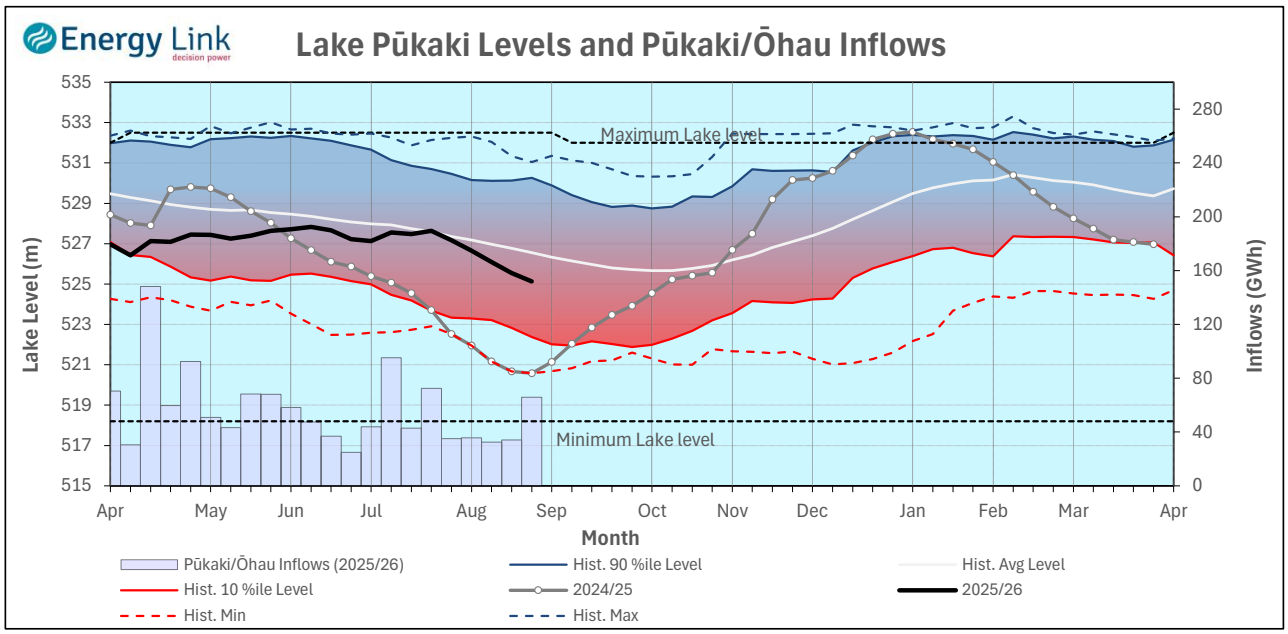
Lake Levels - Lake Takapō ended the week 28% nominally full with storage falling to 226 GWh.

Inflows - Inflows into Takapō decreased 16.9% to 35 GWh.

Generation - Average Takapō generation increased 0.5% to 159.5 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 47% nominally full with storage falling to 862 GWh.

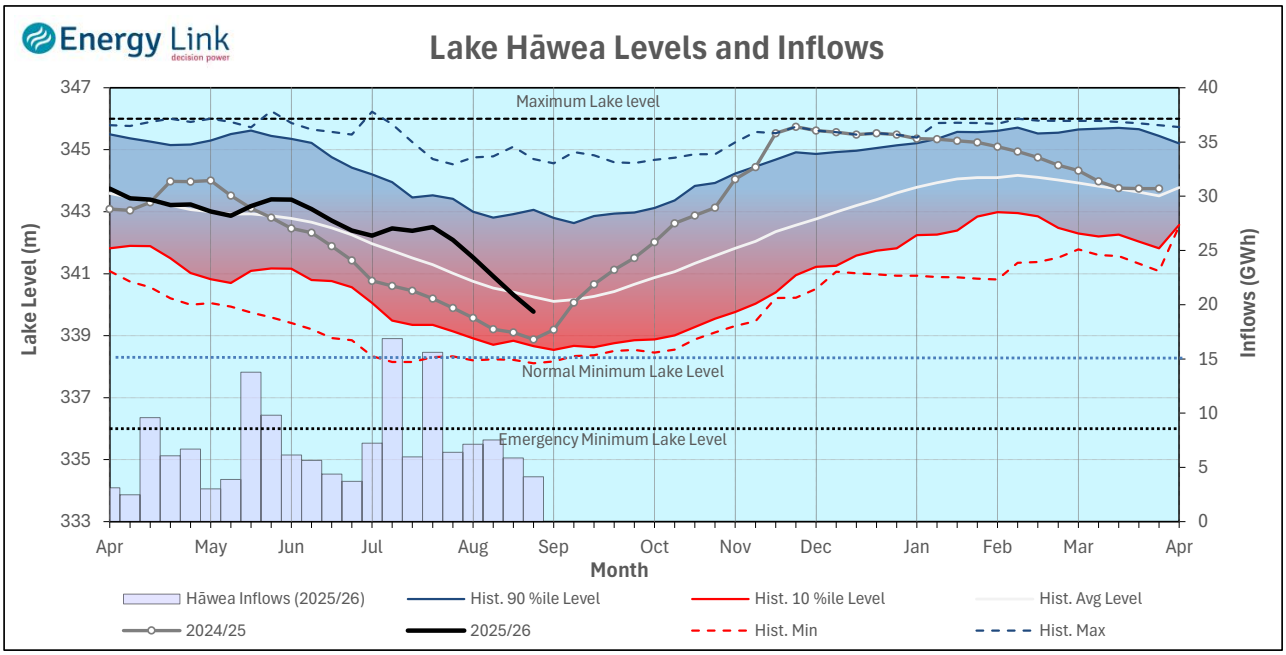
Inflows - Inflows into the Waitaki System increased 93.2% to 66 GWh.

Generation - Average Waitaki generation increased 8.8% to 1,091 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 16.7 cumecs while Waitaki River flows were higher than last week averaging 454.4 cumecs.

Clutha System



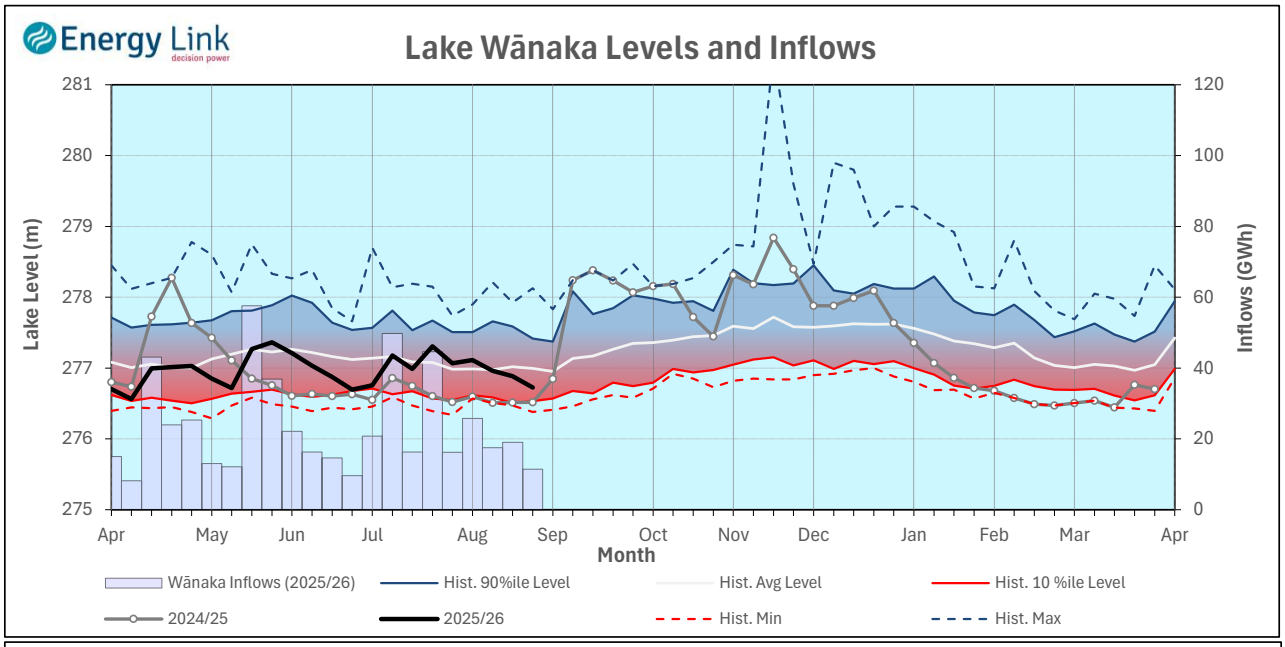
Lake Levels - Total storage for the Clutha System decreased 21.4% to 115 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 21.4%, 28% and 19% nominally full respectively.

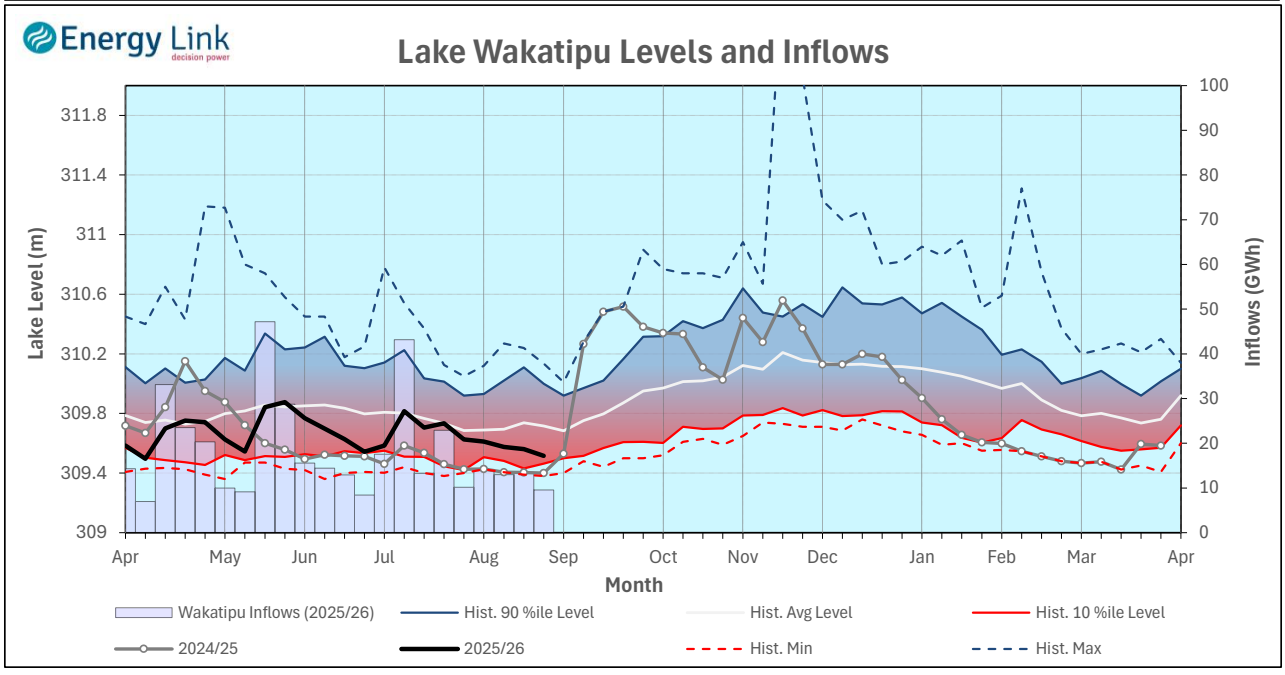
Inflows - Total Inflows into the Clutha System 34.3% lower at 25 GWh.

Generation - Average generation was 9.8% lower at 383 MW.

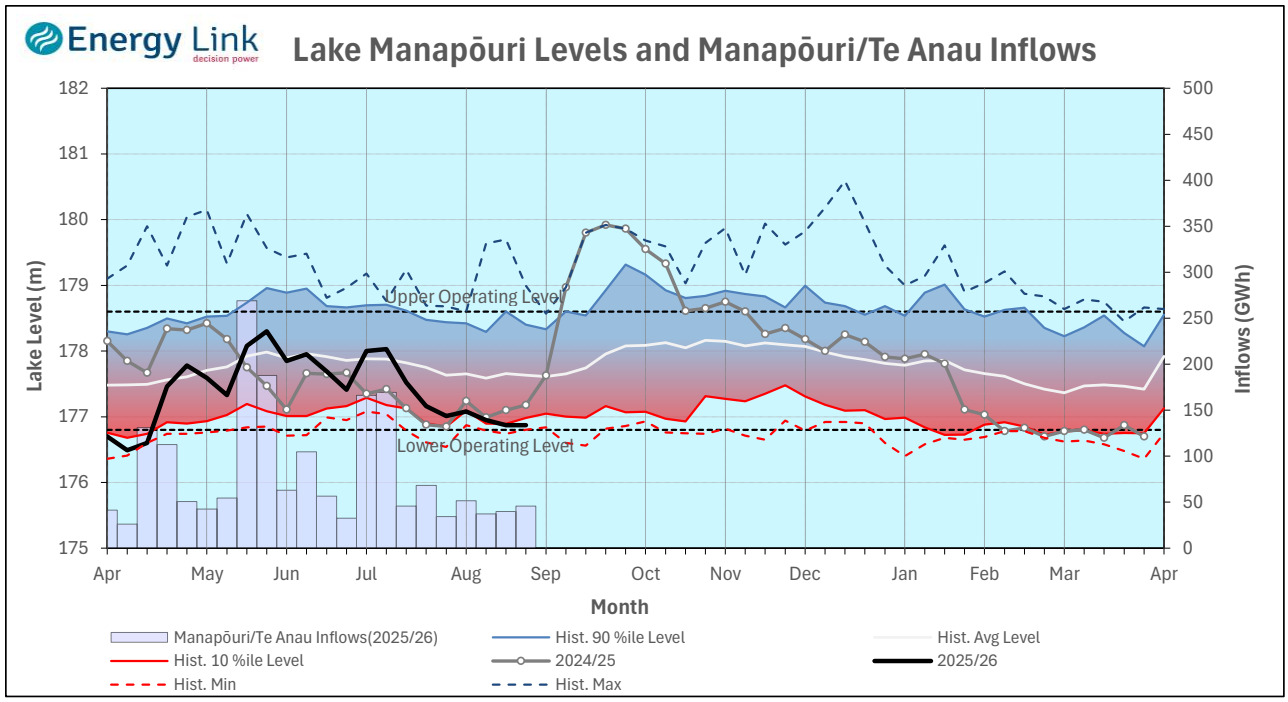
Hydro Spill - The was no estimated spill

River Flows - Total outflows from the lakes and Shotover River fell to 388.7 cumecs. This comprised of 155 cumecs from Lake Hāwea, 124 cumecs from Lake Wānaka, 83 cumecs from Lake Wakatipu and 26 cumecs from the Shotover River.





Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 6% to 140 GWh with Lake Manapōuri ending the week 36.6% nominally full and Lake Te Anau ending the week 29.3% nominally full.

Inflows - Total inflows into the Manapōuri System increased 14.8% to 46 GWh.

Generation - Average generation was 10.3% lower at 326 MW.

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

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