HydroWatch

Thursday, 14 August 2025 **Issue: 1478**

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)	**1,266**	**213**	**1,479**	**401**		**1,879**
Storage Change (GWh)	-128	-26	-154	-31		-185

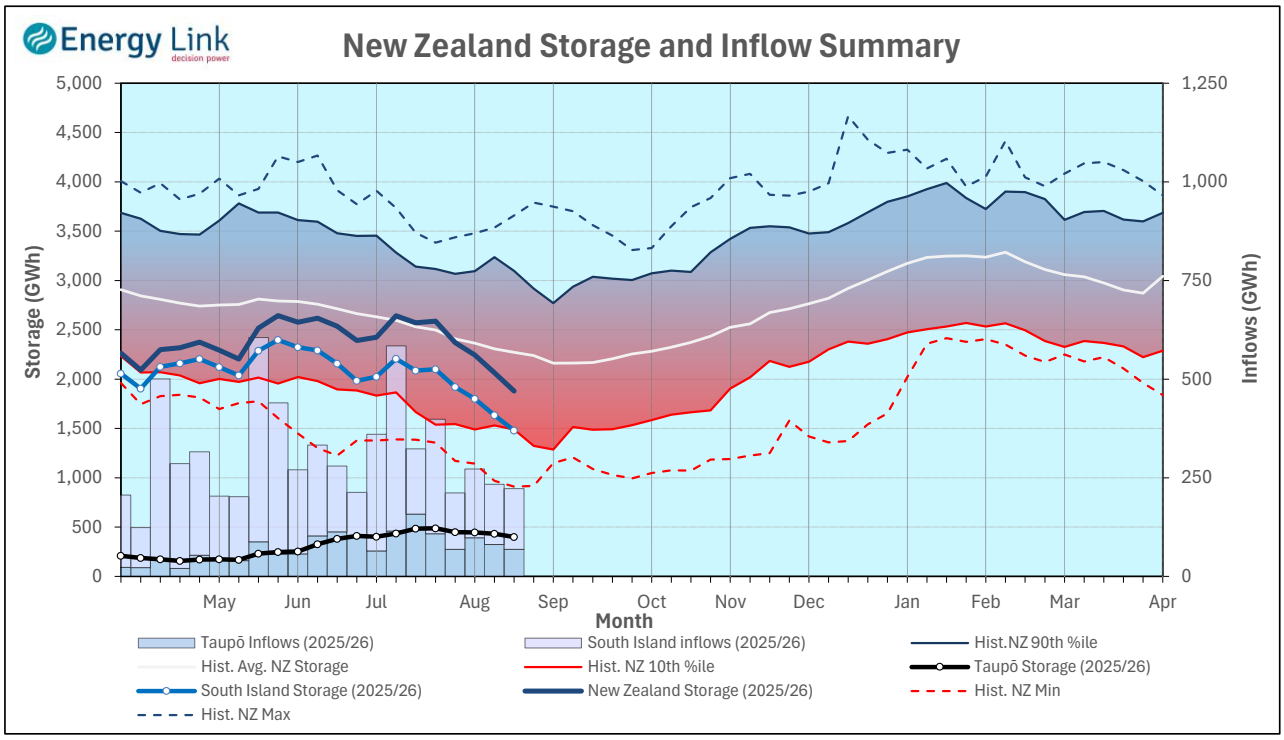
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island		New Zealand
Current Storage (GWh)	**1,415**	**401**		**1,816**

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 185 GWh over the last week. South Island controlled storage decreased 9.2% to 1,266 GWh; South Island uncontrolled storage decreased 11% to 213 GWh; with Taupō storage decreasing 7.1% to 401 GWh.



Thursday, 14 August 2025	Manapōuri	Clutha	Waitaki	Waikato		NZ
Storage (GWh)						
This Week	**149**	**147**	**1,183**	**401**		**1,879**
Last Week	170	174	1,289	431		2,064
% Change	-12.4%	-15.5%	-8.2%	-7.1%		-9.0%
Inflow (GWh)						
This Week	**40**	**38**	**76**	**69**		**223**
Last Week	37	38	78	81		234
% Change	6.8%	0.6%	-2.5%	-14.6%		-4.7%

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Lake Levels and Outflows

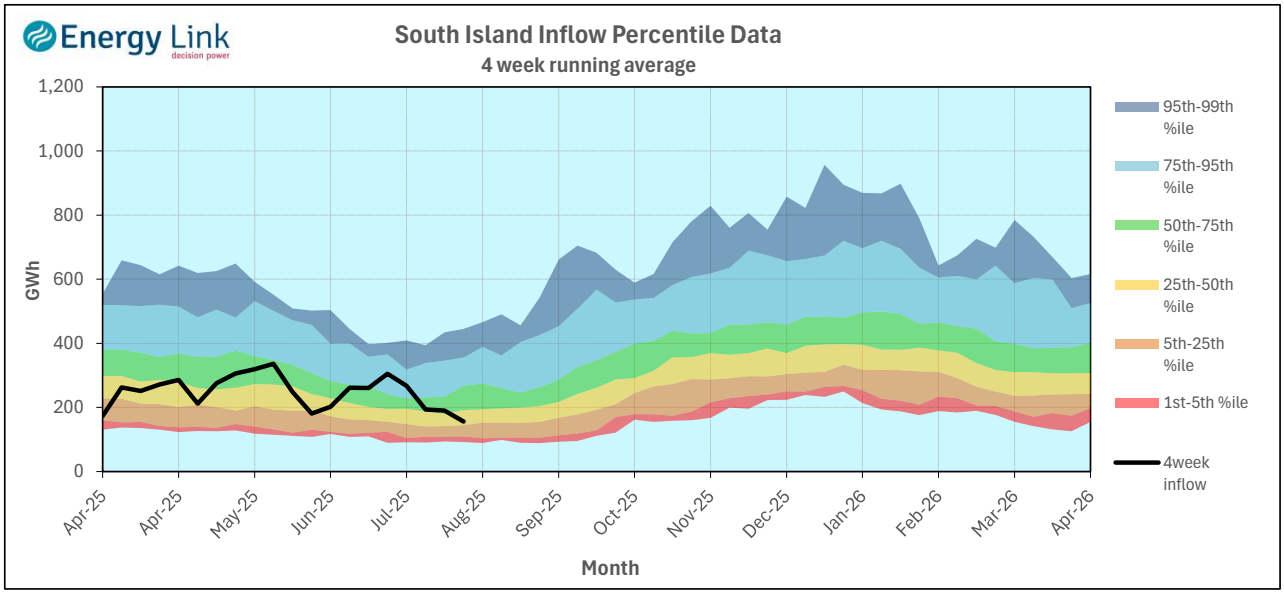
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	176.87	59	13
	Te Anau	201.46	90	
Clutha	Wakatipu	309.56	23	93
	Wānaka	276.89	40	146
	Hāwea	340.32	83	179
Waitaki	Takapō	704.91	268	
	Pūkaki	525.54	915	
Waikato	Taupō	356.83	401	

Outflow Change
0
-7
-15
-12

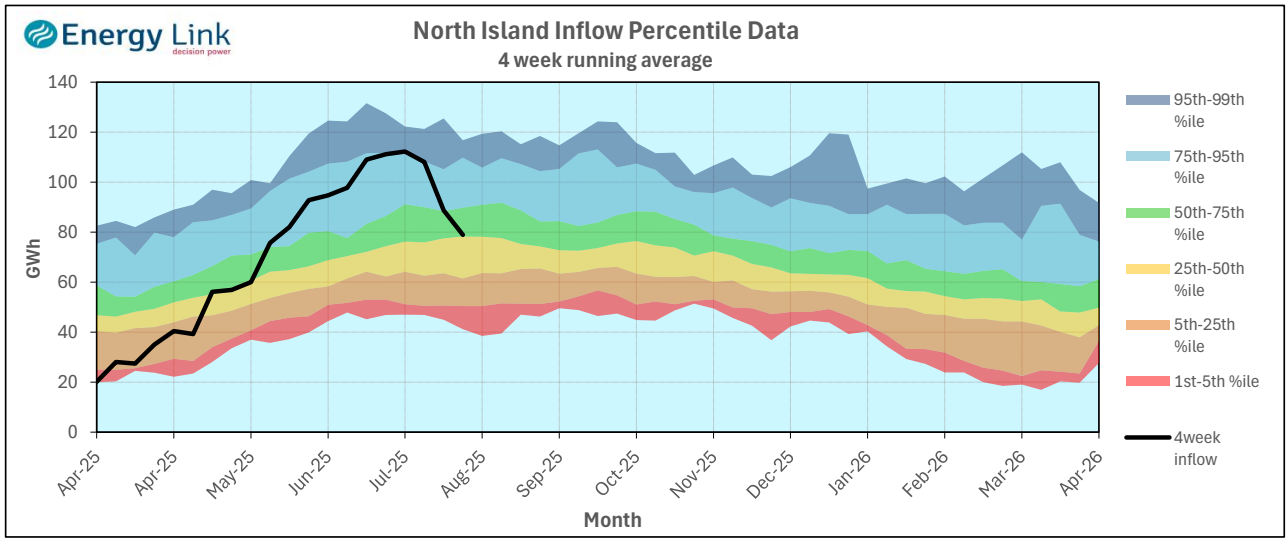
Inflow Summary

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.

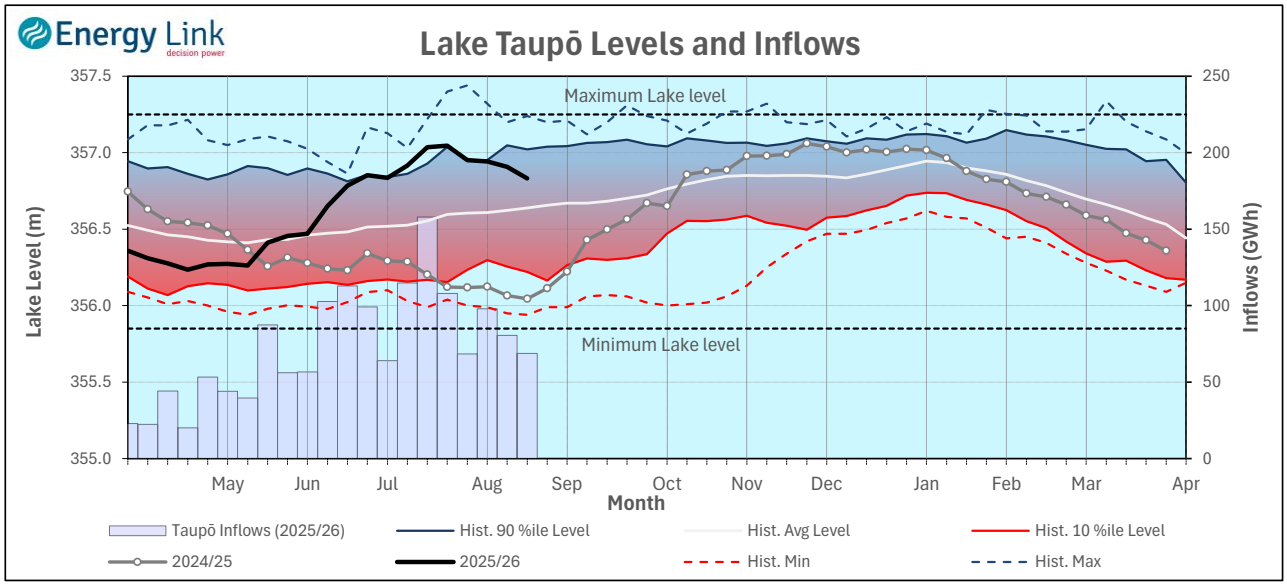
South Island Inflows - The past four weeks of S. I. inflows rank as the 29th driest on record.



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



Waikato System

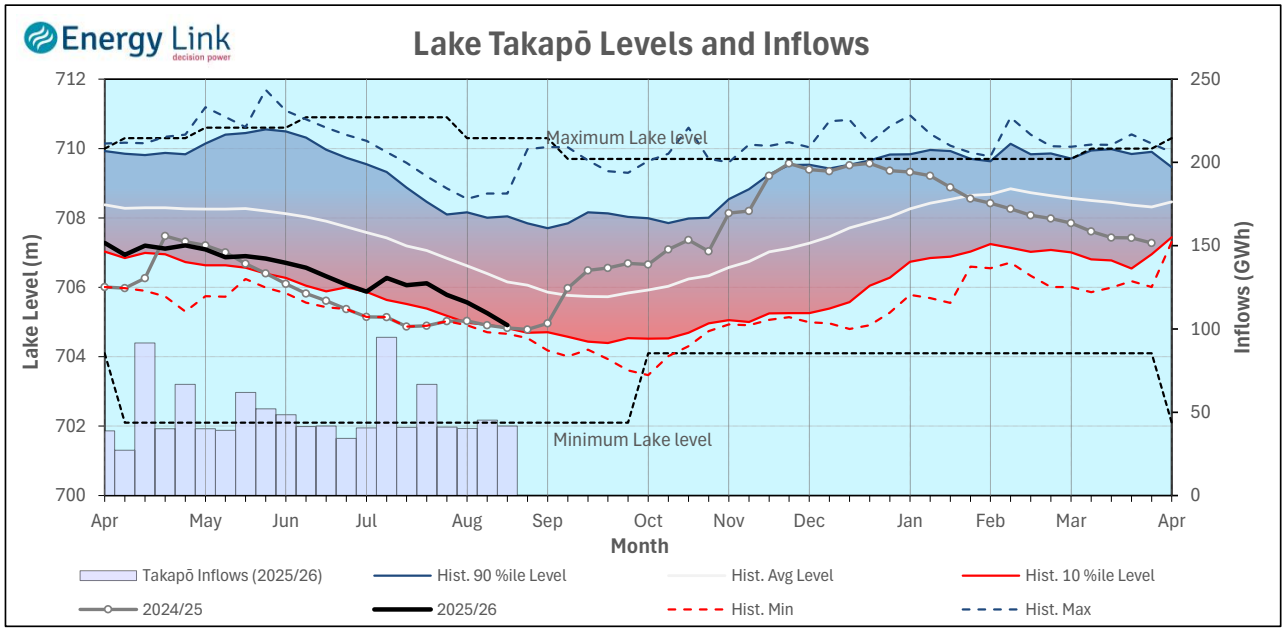


Lake Levels - Lake Taupō storage fell to 70.2% of nominal full at 401 GWh.

Inflows - Inflows decreased 14.6% to 69 GWh.

Generation - Average generation decreased 1.1% to 622.8 MW.

Takapō



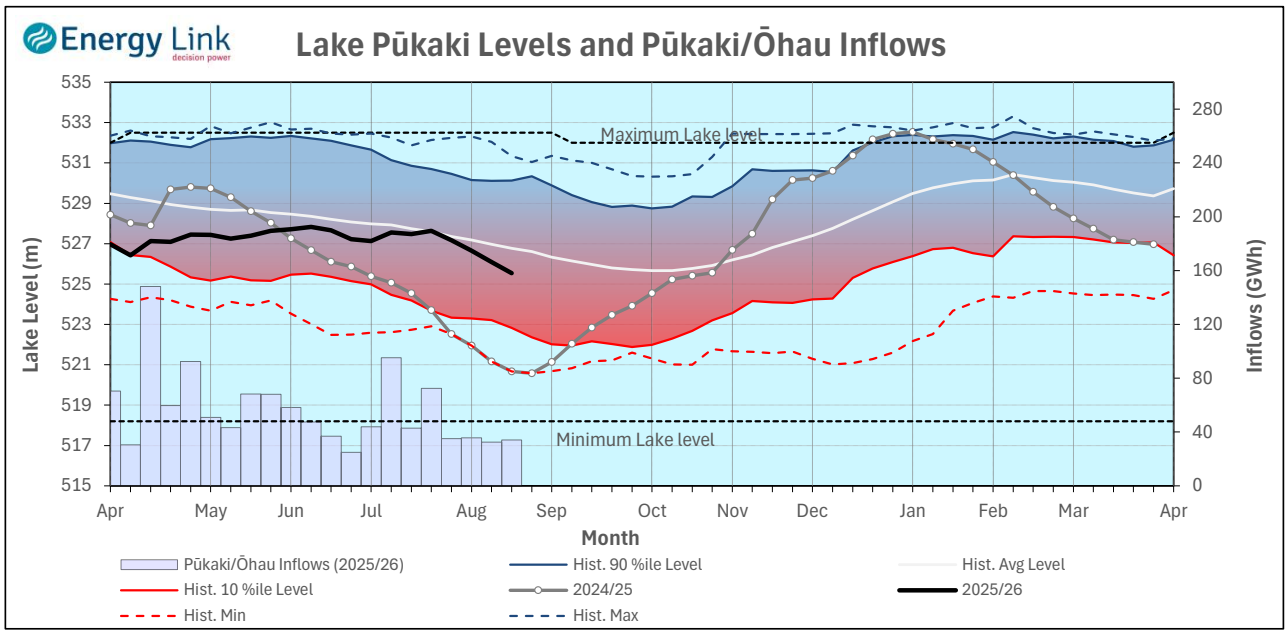
Lake Levels - Lake Takapō ended the week 34% nominally full with storage falling to 268 GWh.

Inflows - Inflows into Takapō decreased 7.8% to 42 GWh.

Generation - Average Takapō generation increased 0.9% to 158.7 MW.

Hydro Spill - Lake Takapō did not spill.

Waitaki System



Lake Levels - Lake Pūkaki ended the week 50% nominally full with storage falling to 915 GWh.

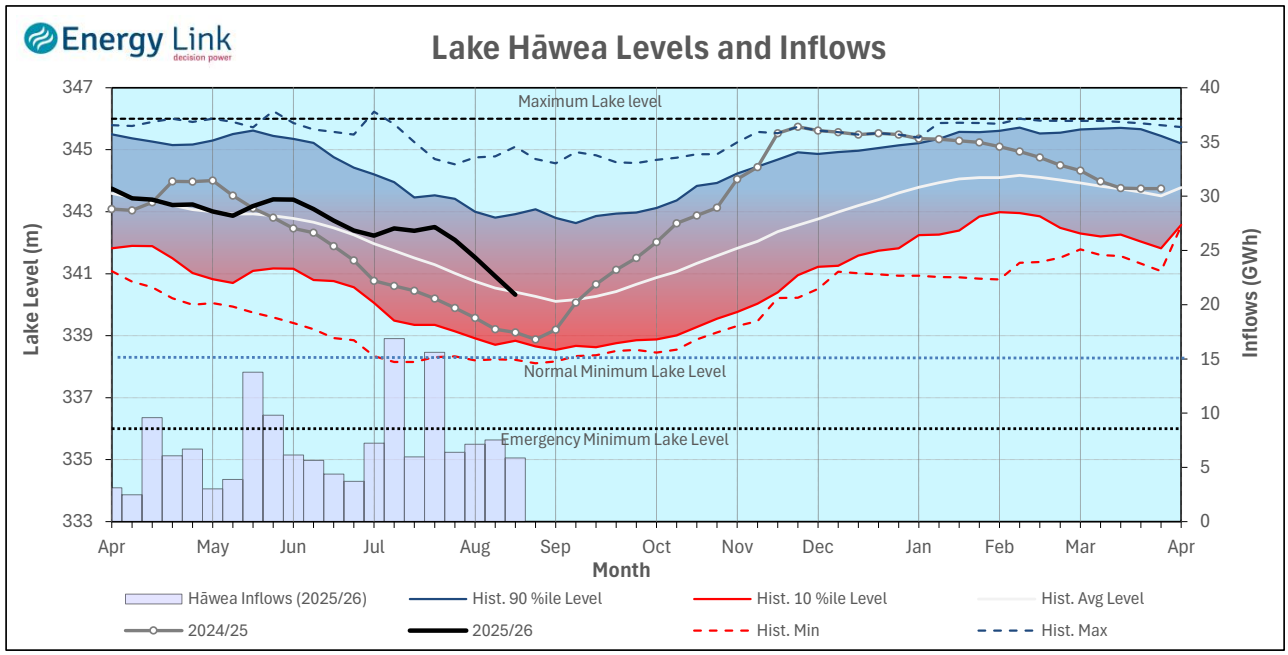
Inflows - Inflows into the Waitaki System increased 4.9% to 34 GWh.

Generation - Average Waitaki generation increased 1.3% to 1,002 MW.

Hydro Spill - Lake Pūkaki did not spill.

River Flows - Flows from the Ahuriri River fell to 19.3 cumecs while Waitaki River flows were higher than last week averaging 406.2 cumecs.

Clutha System



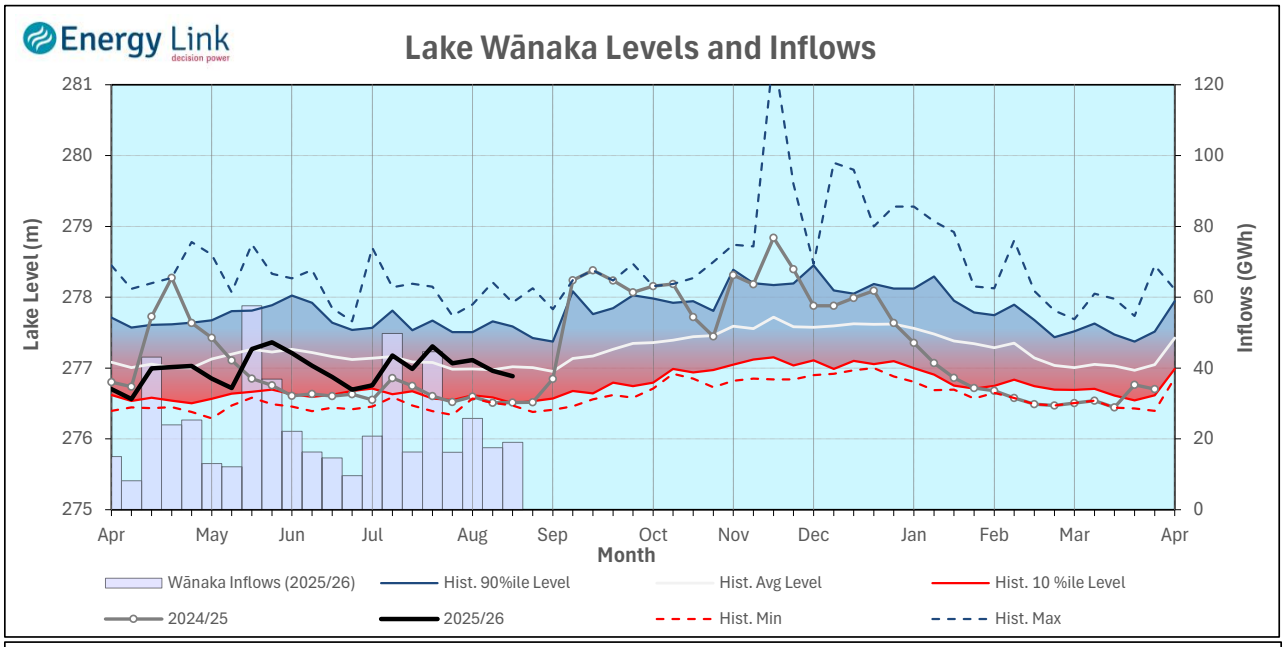
Lake Levels - Total storage for the Clutha System decreased 15.5% to 147 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 28.2%, 35% and 22.2% nominally full respectively.

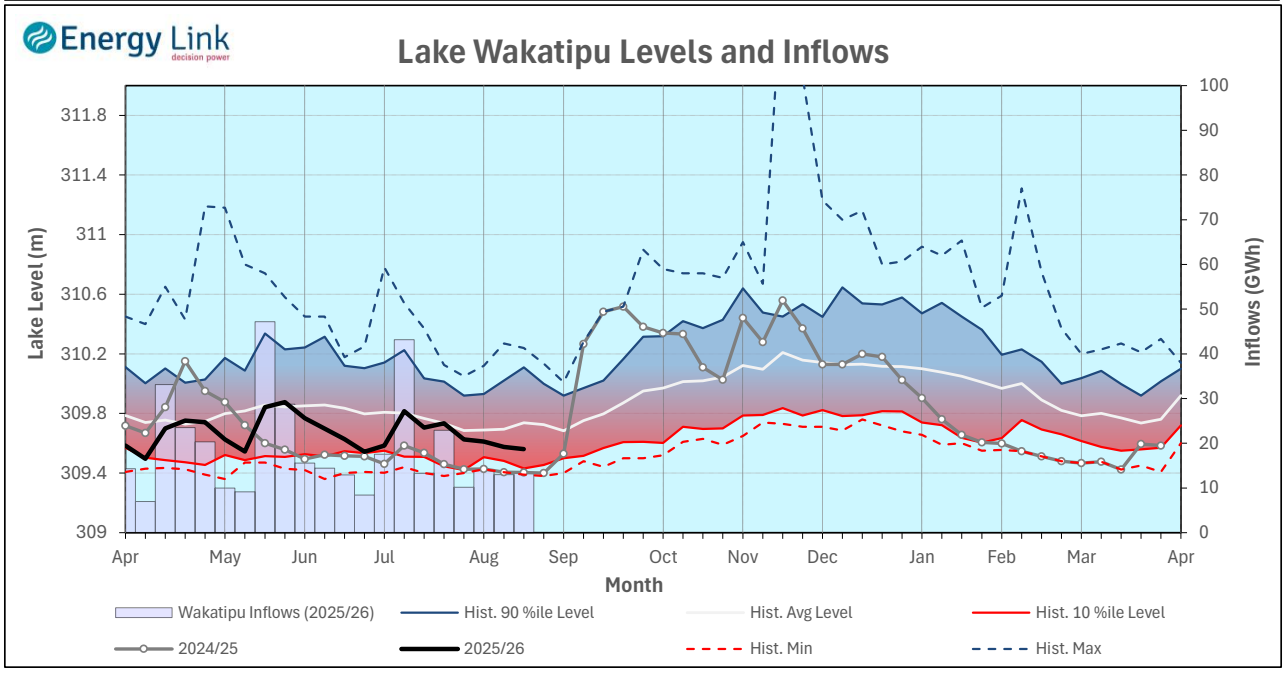
Inflows - Total Inflows into the Clutha System remained steady at 38 GWh.

Generation - Average generation was 10.3% lower at 425 MW.

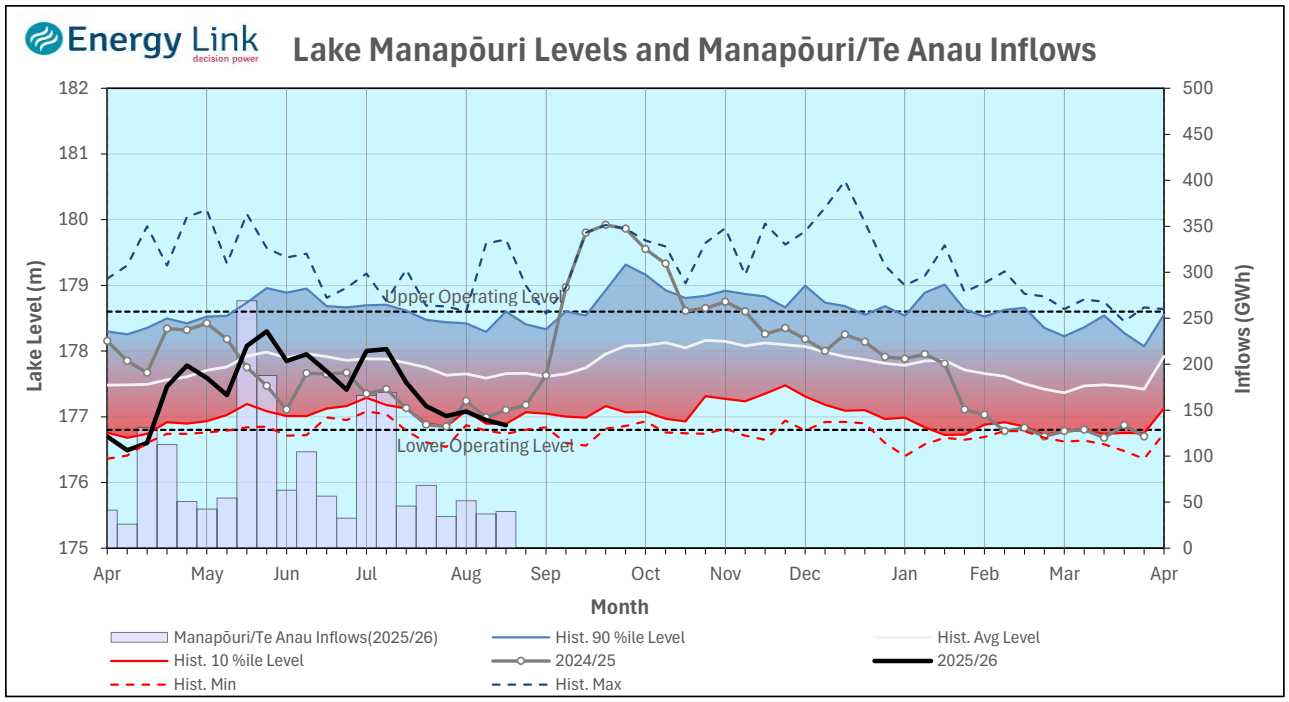
Hydro Spill - The was no estimated spill

River Flows - Total outflows from the lakes and Shotover River fell to 447.6 cumecs. This comprised of 179 cumecs from Lake Hāwea, 146 cumecs from Lake Wānaka, 93 cumecs from Lake Wakatipu and 30 cumecs from the Shotover River.





Manapōuri System



Lake Levels - Total storage for the Manapōuri System decreased 12.4% to 149 GWh with Lake Manapōuri ending the week 36.6% nominally full and Lake Te Anau ending the week 32.6% nominally full.

Inflows - Total inflows into the Manapōuri System increased 6.8% to 40 GWh.

Generation - Average generation was 9.5% lower at 364 MW.

Hydro Spill - Estimated spill at the Māraroa Weir was 13 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'.