

# HydroWatch

**Thursday, 31 July 2025**
**Issue: 1476**
*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)	1,520	279	1,799	446	2,245
Storage Change (GWh)	-111	-11	-122	-3	-125

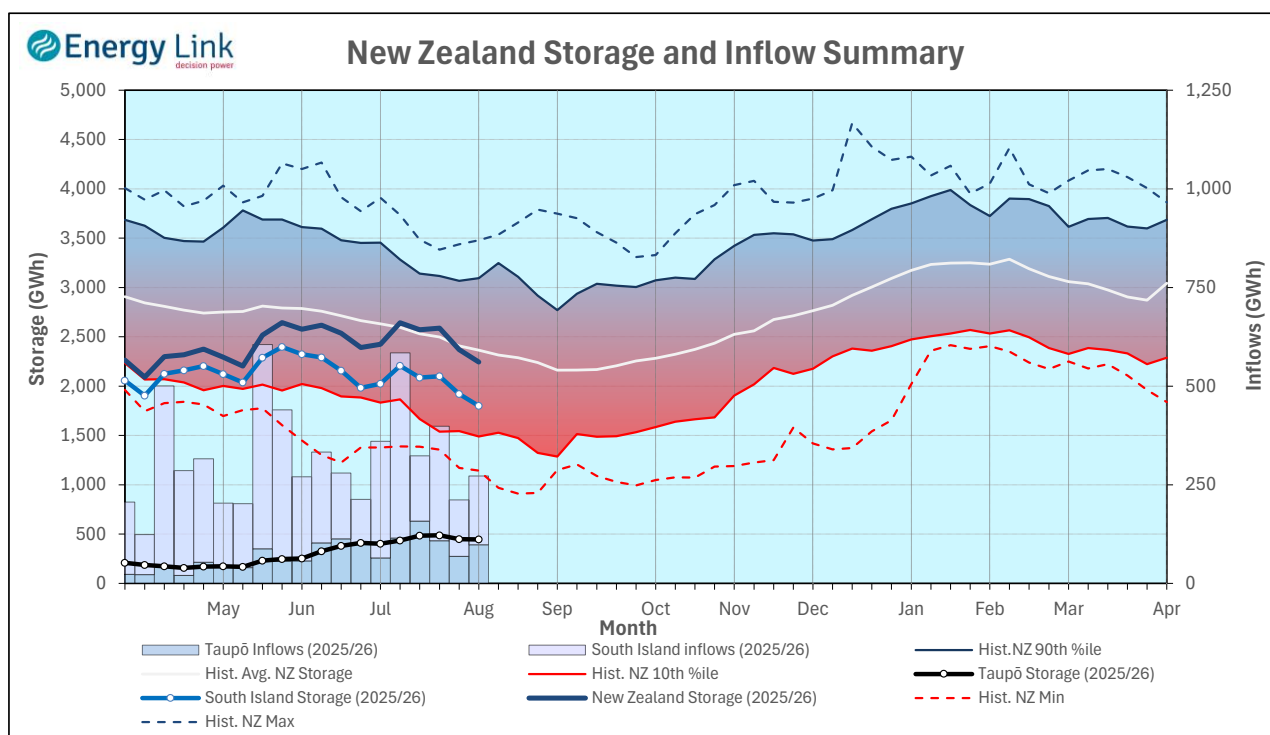
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	1,721	446	2,166

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 125 GWh over the last week. South Island controlled storage decreased 6.8% to 1,520 GWh; South Island uncontrolled storage decreased 4% to 279 GWh; with Taupō storage decreasing 0.7% to 446 GWh.



Thursday, 31 July 2025					
Storage (GWh)		Manapōuri	Clutha	Waitaki	Waikato
This Week		201	206	1,393	446
Last Week		213	226	1,483	449
% Change		-5.8%	-8.7%	-6.1%	-0.7%
Inflow (GWh)		Manapōuri	Clutha	Waitaki	Waikato
This Week		51	47	76	98
Last Week		34	33	76	68
% Change		50.0%	42.9%	-0.4%	43.4%

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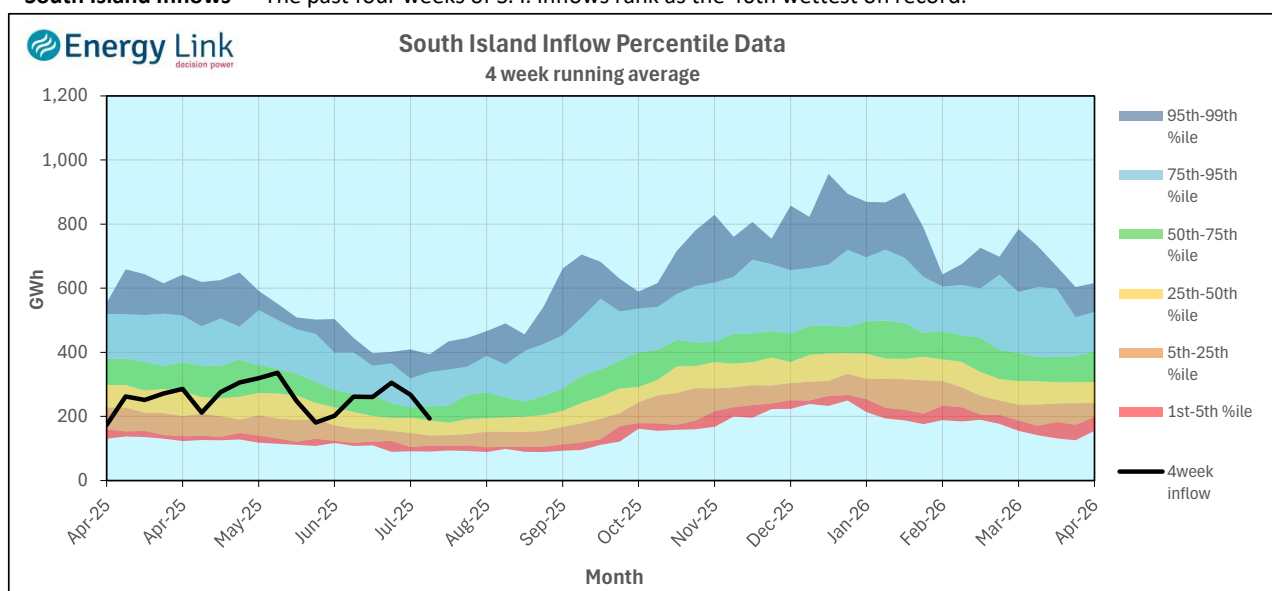
## Lake Levels and Outflows

Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)	Outflow Change
Manapōuri	Manapōuri	177.08	72	13	0
	Te Anau	201.72	129		
Clutha	Wakatipu	309.61	27	96	-21
	Wānaka	277.11	51	150	-31
	Hāwea	341.52	127	180	39
Waitaki	Takapō	705.56	333		
	Pūkaki	526.65	1,060		
Waikato	Taupō	356.94	446		

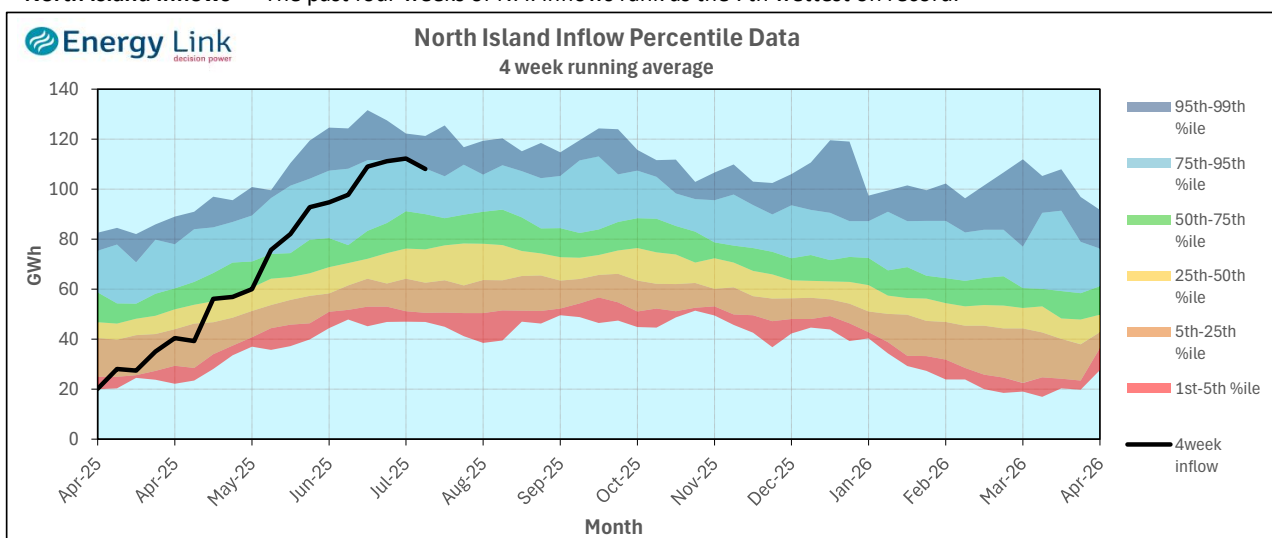
## Inflow Summary

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.

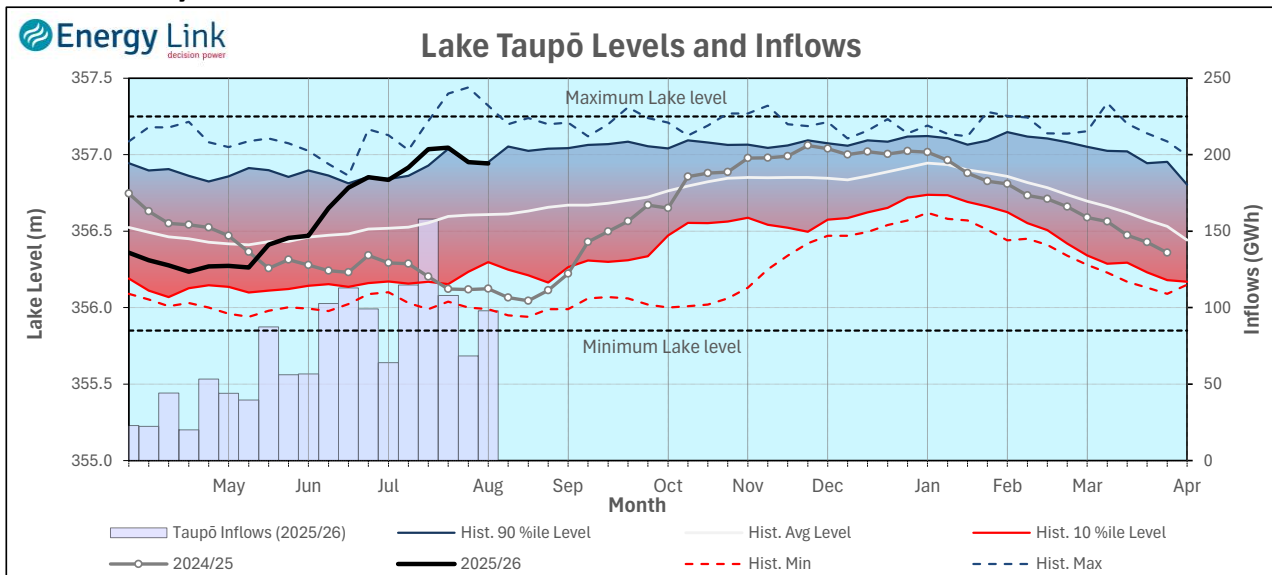
**South Island Inflows -** The past four weeks of S. I. inflows rank as the 46th wettest on record.



**North Island Inflows -** The past four weeks of N. I. inflows rank as the 7th wettest on record.



## Waikato System

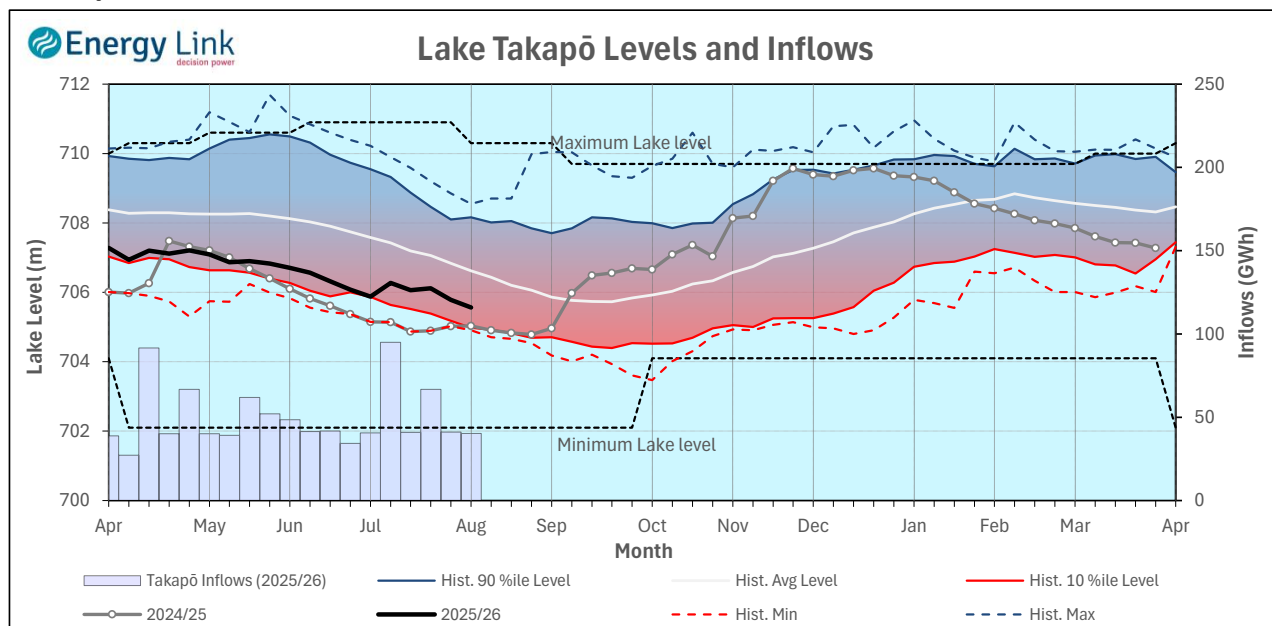


**Lake Levels** - Lake Taupō storage fell to 78.1% of nominal full at 446 GWh.

**Inflows** - Inflows increased 43.4% to 98 GWh.

**Generation** - Average generation decreased 6.9% to 654.9 MW.

## Takapō



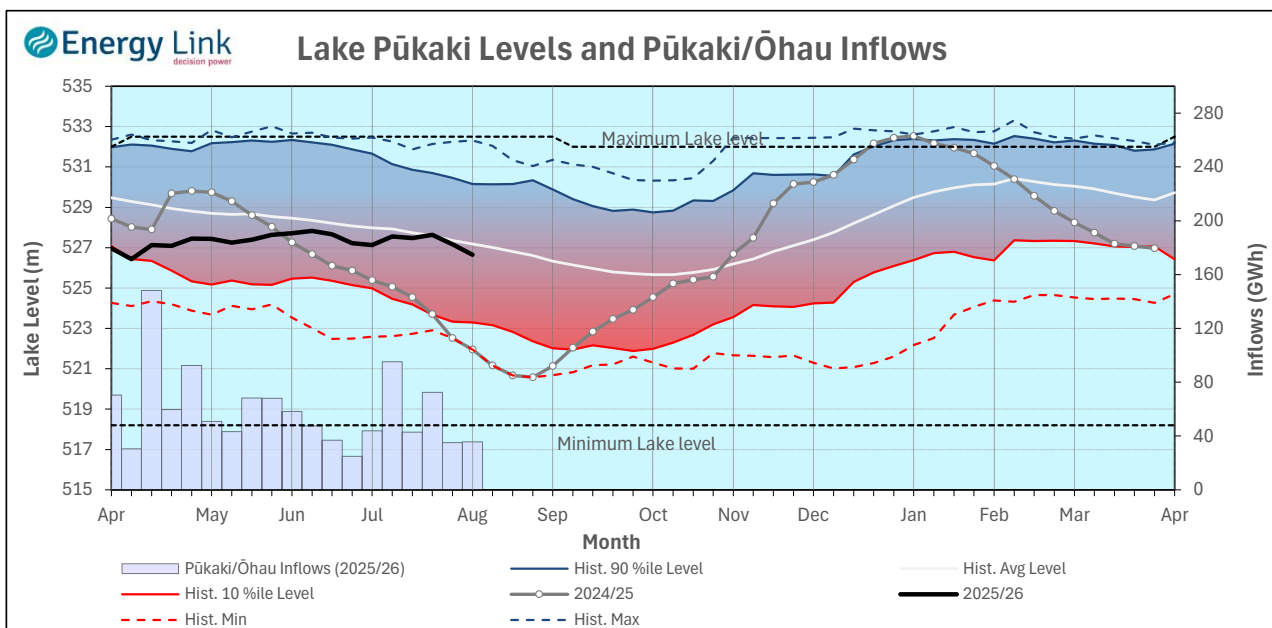
**Lake Levels** - Lake Takapō ended the week 39% nominally full with storage falling to 333 GWh.

**Inflows** - Inflows into Takapō decreased 2.1% to 40 GWh.

**Generation** - Average Takapō generation decreased 16.9% to 130.3 MW.

**Hydro Spill** - Lake Takapō did not spill.

## Waitaki System



**Lake Levels** - Lake Pūkaki ended the week 57% nominally full with storage falling to 1,060 GWh.

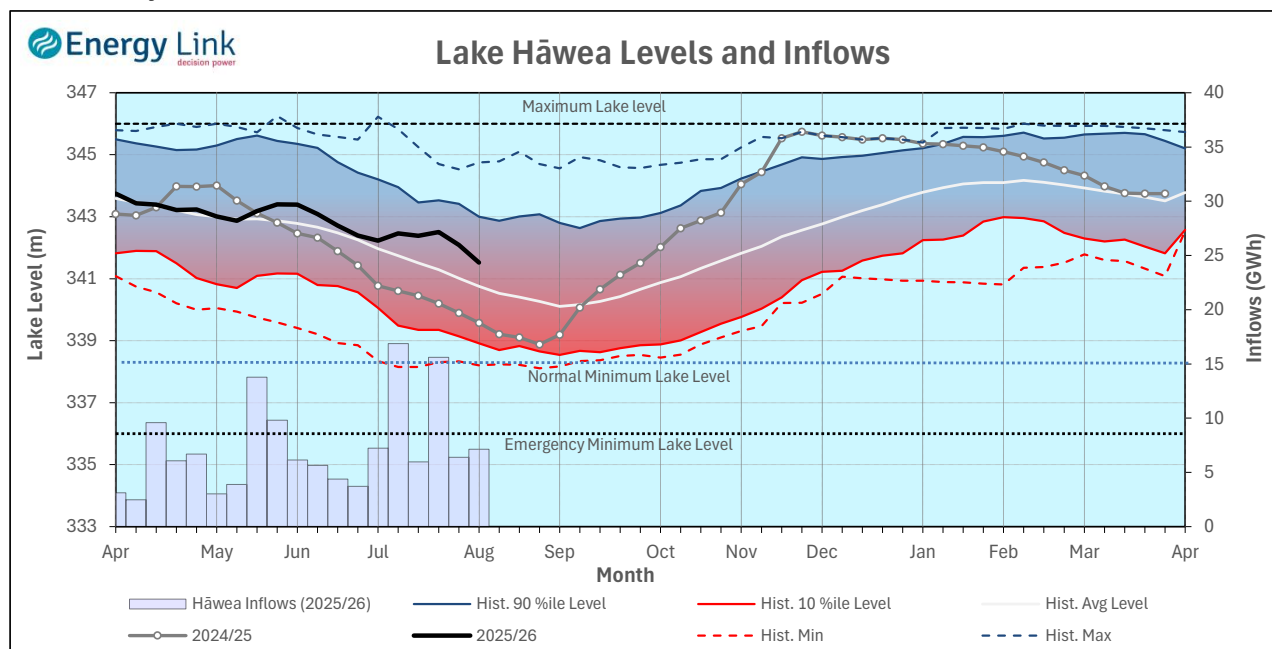
**Inflows** - Inflows into the Waitaki System increased 1.6% to 36 GWh.

**Generation** - Average Waitaki generation decreased 1.3% to 977 MW.

**Hydro Spill** - Lake Pūkaki did not spill.

**River Flows** - Flows from the Ahuriri River fell to 22.2 cumecs while Waitaki River flows were lower than last week averaging 417.6 cumecs.

## Clutha System



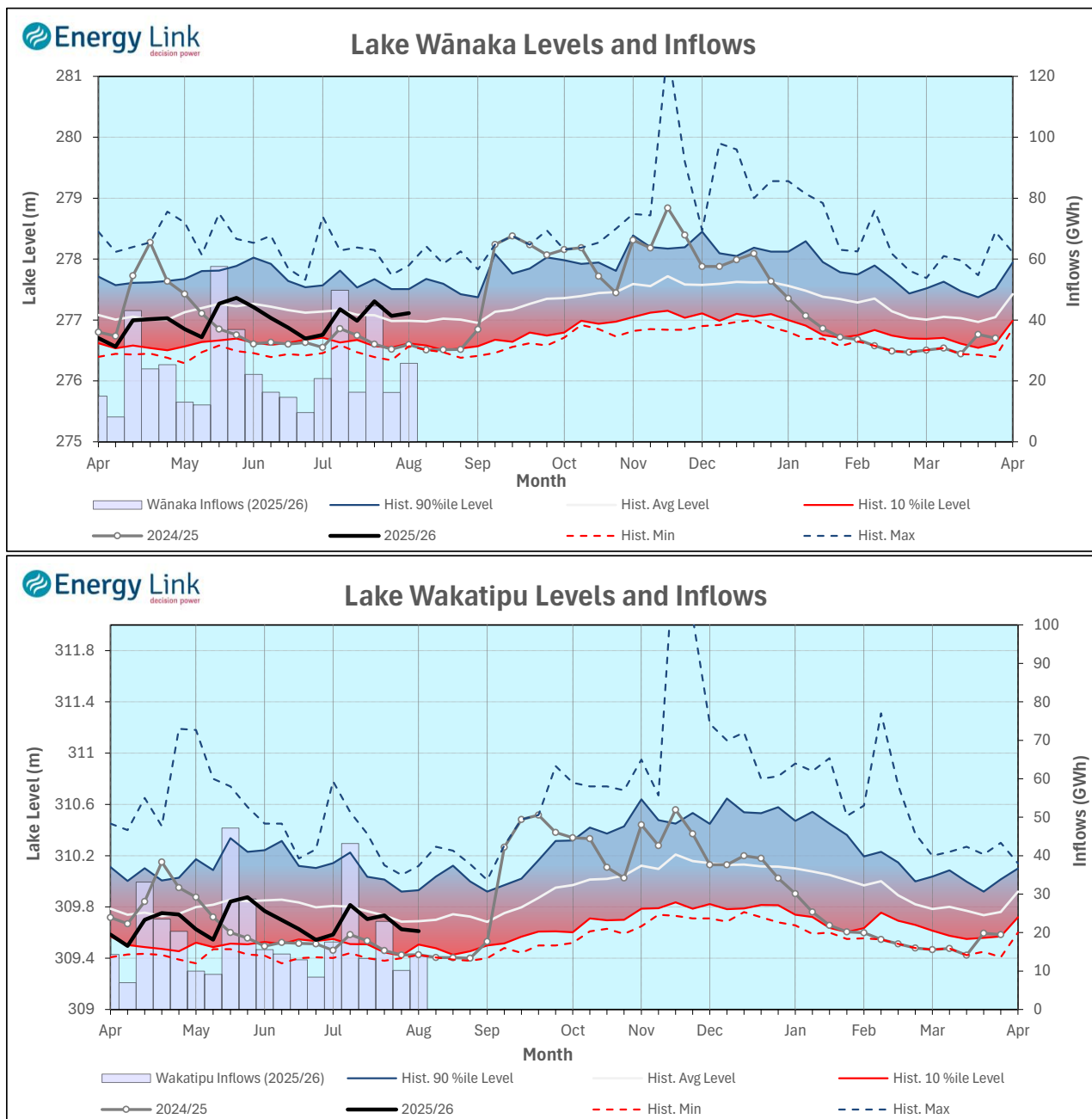
**Lake Levels** - Total storage for the Clutha System decreased 8.7% to 206 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 43.1%, 44.9% and 25.8% nominally full respectively.

**Inflows** - Total Inflows into the Clutha System 42.9% higher at 47 GWh.

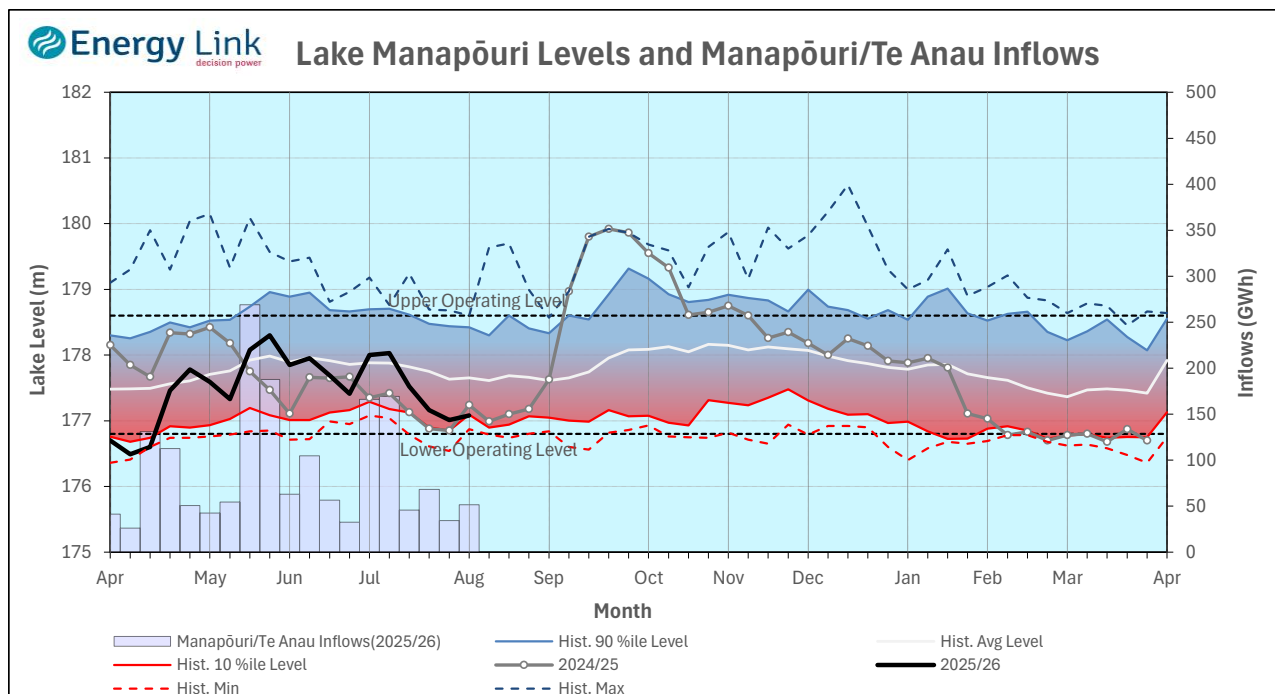
**Generation** - Average generation was 3.8% lower at 438 MW.

**Hydro Spill** - There was no estimated spill

**River Flows** - Total outflows from the lakes and Shotover River fell to 460.2 cumecs. This comprised of 180 cumecs from Lake Hāwea, 150 cumecs from Lake Wānaka, 96 cumecs from Lake Wakatipu and 34 cumecs from the Shotover River.



## Manapōuri System



**Lake Levels** - Total storage for the Manapōuri System decreased 5.8% to 201 GWh with Lake Manapōuri ending the week 44.2% nominally full and Lake Te Anau ending the week 46.7% nominally full.

**Inflows** - Total inflows into the Manapōuri System increased 50% to 51 GWh.

**Generation** - Average generation was 22.3% lower at 380 MW.

**Hydro Spill** - Estimated spill at the Māraroa Weir was 12.9 cumecs.

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

