

# HydroWatch

**Thursday, 18 September 2025**
**Issue: 1483**
*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)	<b>871</b>	<b>646</b>	<b>1,517</b>	<b>395</b>	<b>1,912</b>
Storage Change (GWh)	24	180	204	33	237

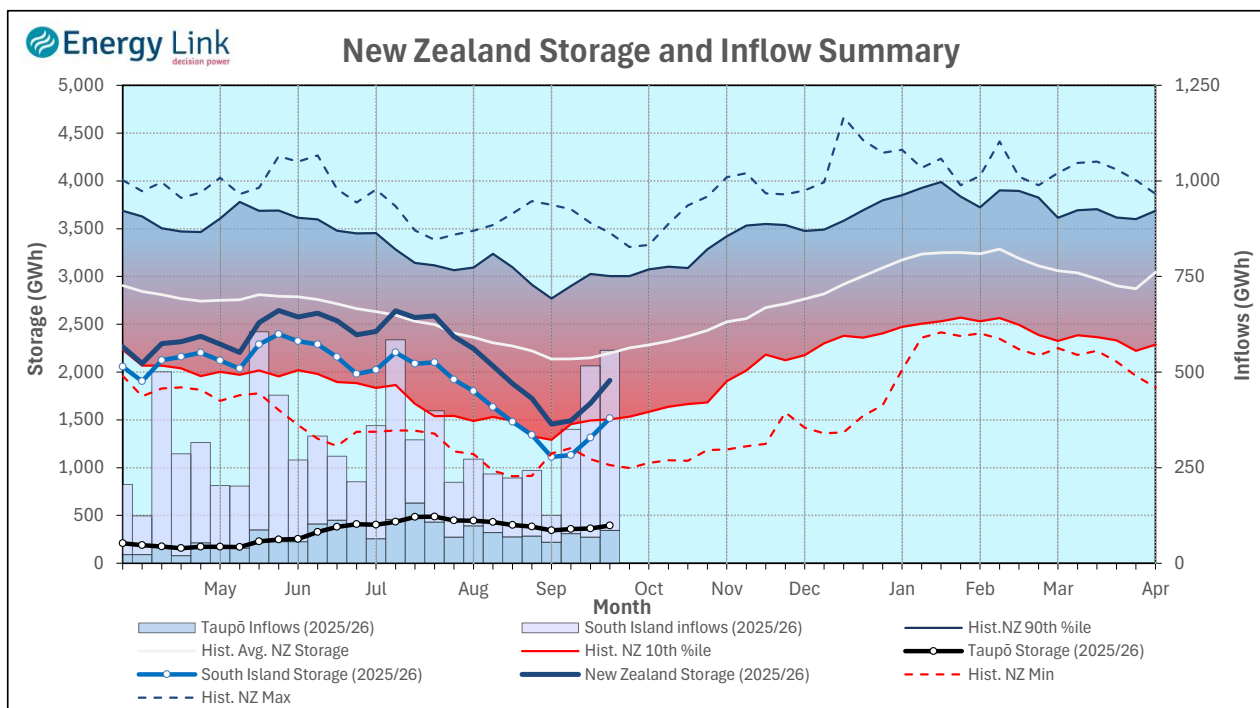
Note: SI Controlled; Takapō, Pūkaki and Hāwea: SI Uncontrolled; Manapōuri, Te Anau, Wānaka, Wakatipu

Transpower Security of Supply	South Island	North Island	New Zealand
Current Storage (GWh)	<b>1,380</b>	<b>395</b>	<b>1,775</b>

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 increased 237 GWh over the last week. South Island controlled storage increased 2.9% to 871 GWh; South Island uncontrolled storage increased 39% to 646 GWh; with Taupō storage increasing 9% to 395 GWh.



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Storage (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
<b>This Week</b>	<b>509</b>	<b>207</b>	<b>801</b>	<b>395</b>	<b>1,912</b>
Last Week	373	149	790	363	1,675
% Change	36.4%	38.6%	1.4%	9.0%	14.1%
Inflow (GWh)	Manapōuri	Clutha	Waitaki	Waikato	NZ
<b>This Week</b>	<b>269</b>	<b>111</b>	<b>91</b>	<b>86</b>	<b>557</b>
Last Week	250	94	104	68	516
% Change	7.5%	17.8%	-11.8%	25.8%	7.9%

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## Lake Levels and Outflows

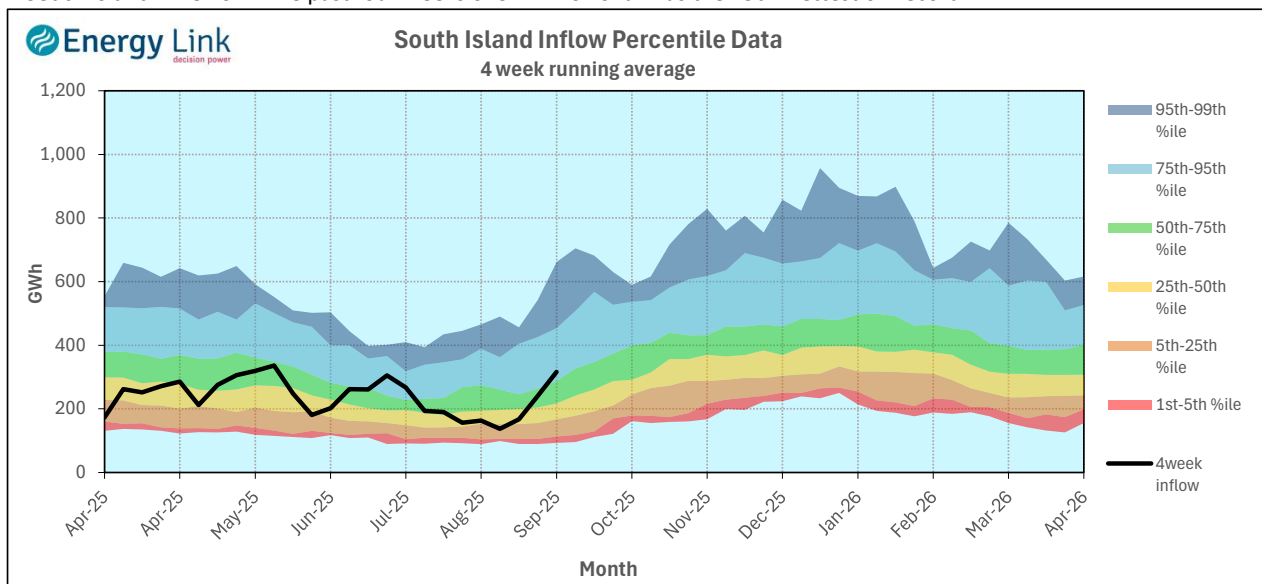
Catchment	Lake	Level (m. asl)	Storage (GWh)	Outflow (cumecs)
Manapōuri	Manapōuri	178.47	155	50
	Te Anau	203.23	355	
Clutha	Wakatipu	310.10	64	167
	Wānaka	277.55	73	162
	Hāwea	339.96	70	14
Waitaki	Takapō	704.35	213	
	Pūkaki	522.98	588	
Waikato	Taupō	356.82	395	

Outflow Change
-56
25
11
-14

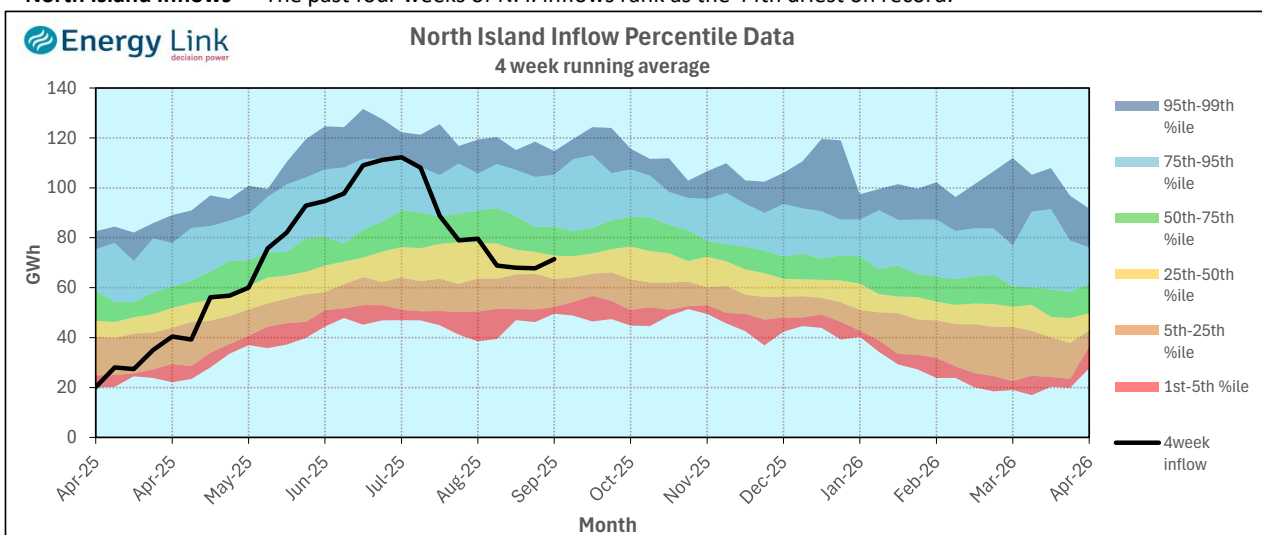
## Inflow Summary

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.

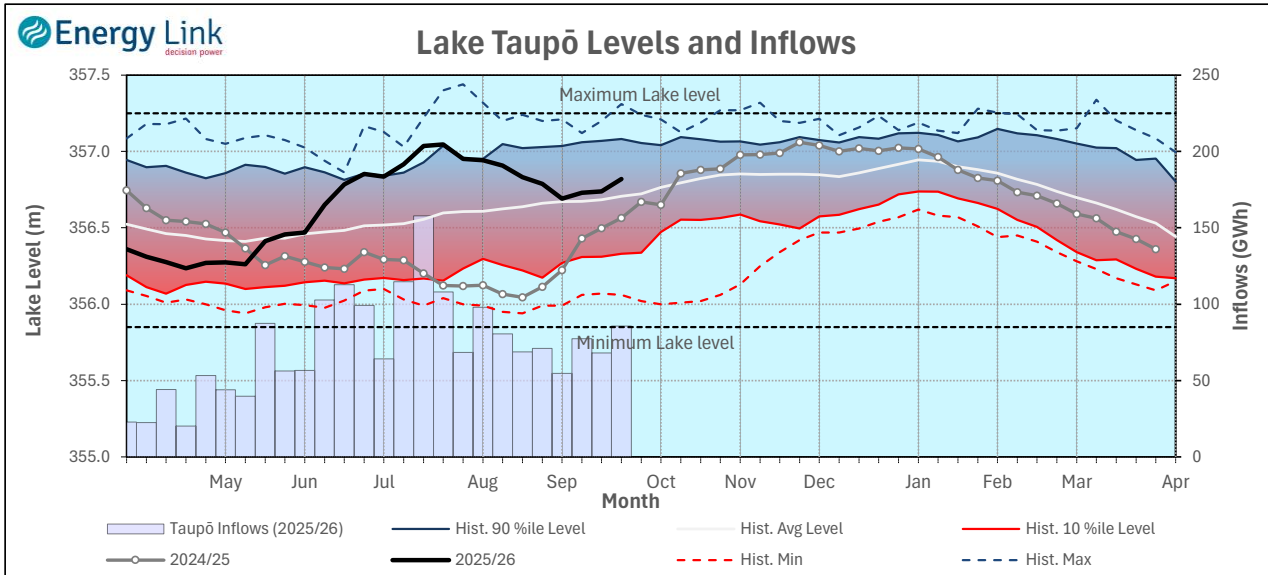
**South Island Inflows** - The past four weeks of S. I. inflows rank as the 19th wettest on record.



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



## Waikato System

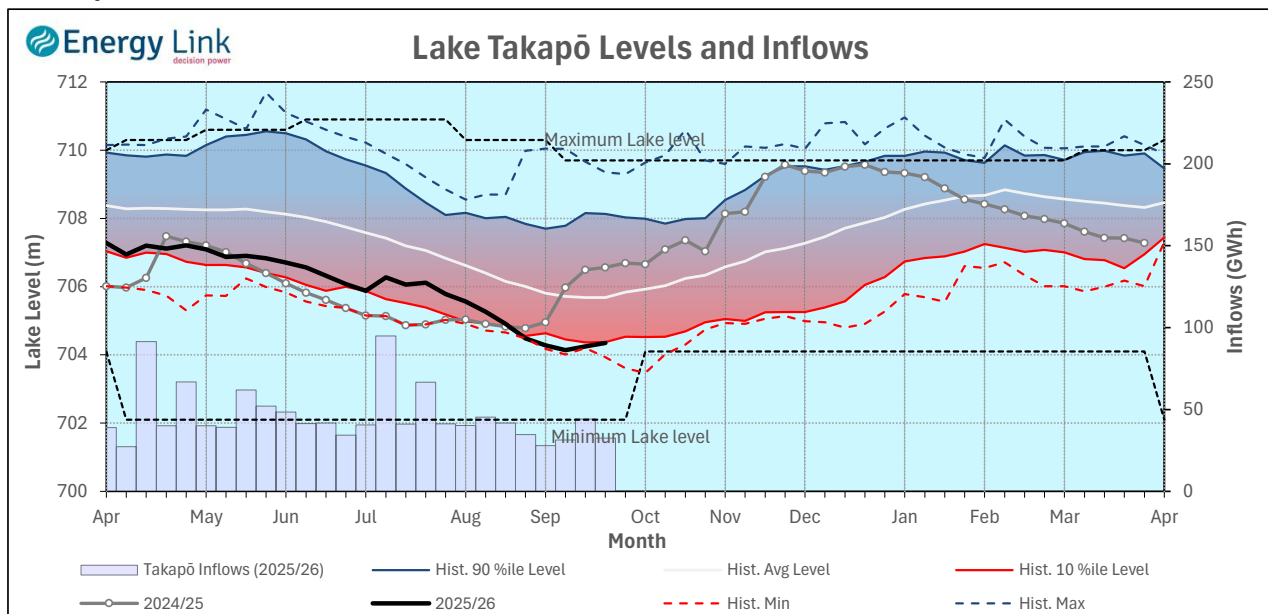


**Lake Levels** - Lake Taupō storage increased to 69.2% of nominal full at 395 GWh.

**Inflows** - Inflows increased 25.8% to 86 GWh.

**Generation** - Average generation decreased 7.5% to 423.4 MW.

## Takapō



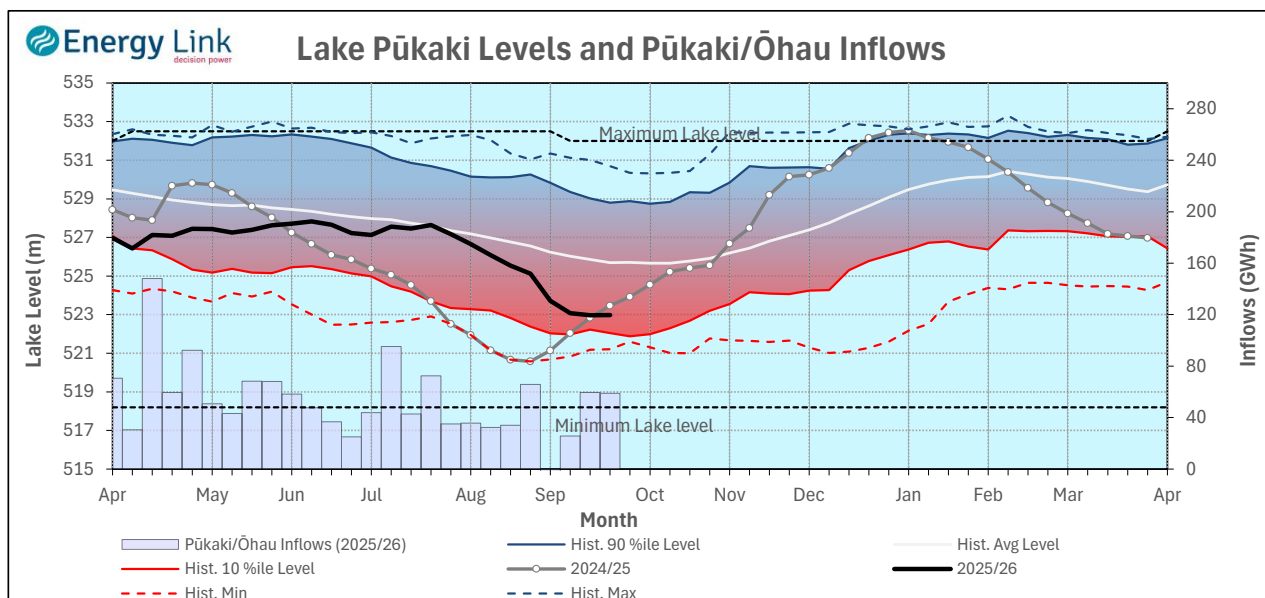
**Lake Levels** - Lake Takapō ended the week 29% nominally full with storage increasing to 213 GWh.

**Inflows** - Inflows into Takapō decreased 26.6% to 32 GWh.

**Generation** - Average Takapō generation decreased 35.3% to 45.1 MW.

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

## Waitaki System



**Lake Levels -** Lake Pūkaki ended the week 33% nominally full with storage increasing to 588 GWh.

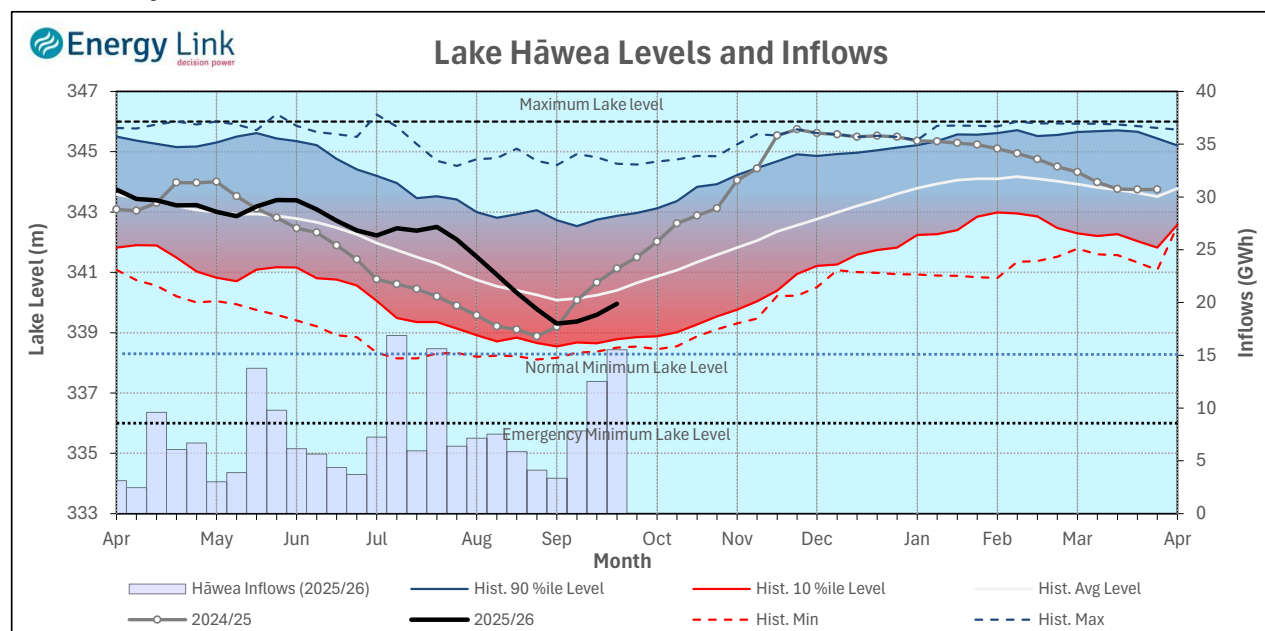
**Inflows -** Inflows into the Waitaki System remained steady at 59 GWh.

**Generation -** Average Waitaki generation decreased 7.4% to 567 MW.

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

**River Flows -** Flows from the Ahuriri River fell to 23.2 cumecs while Waitaki River flows were higher than last week averaging 255.6 cumecs.

## Clutha System



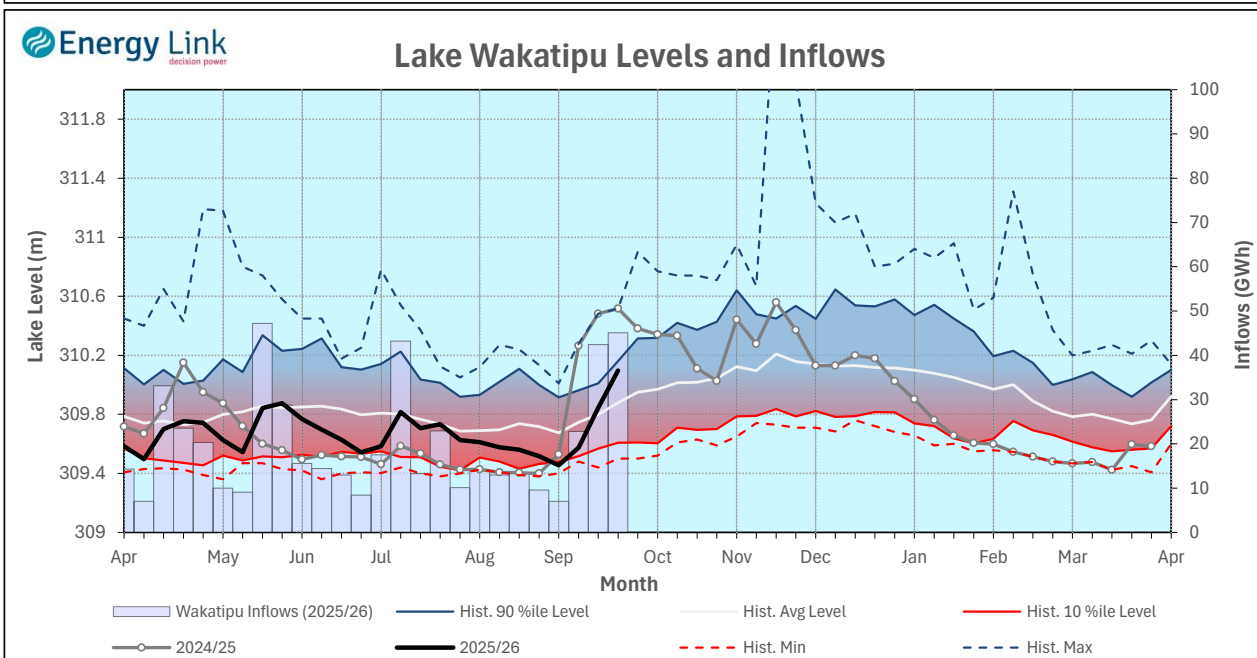
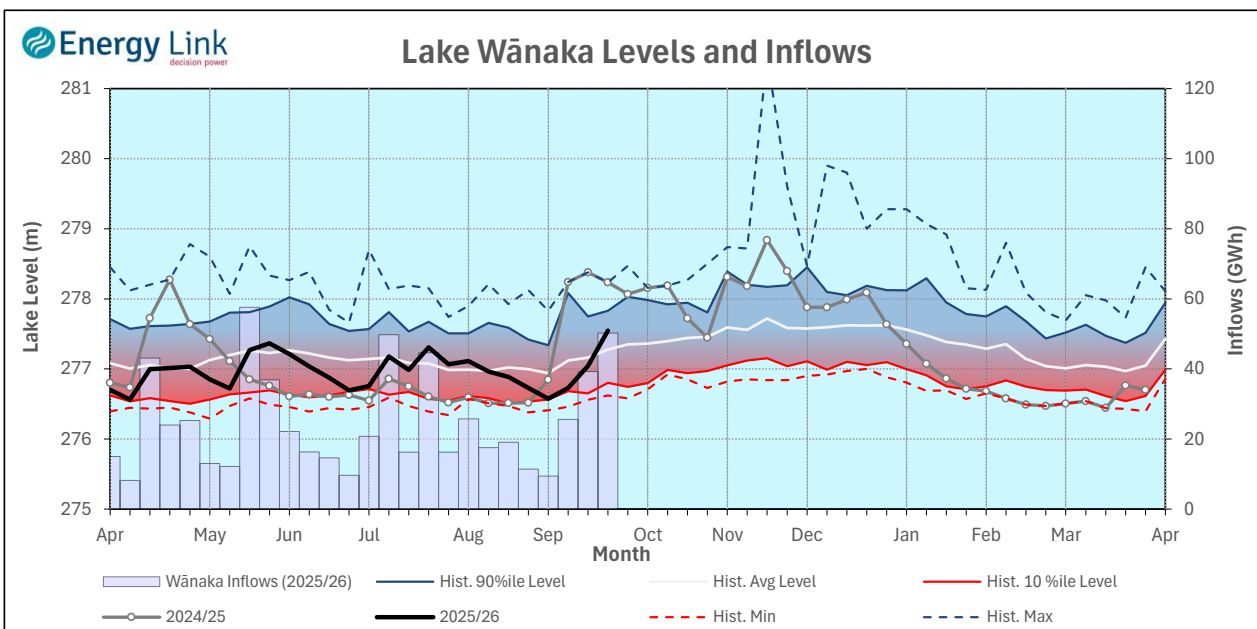
**Lake Levels** - Total storage for the Clutha System increased by 38.6% to 207 GWh. Lakes Hāwea, Wānaka and Wakatipu ended the week 23.7%, 63.7% and 60.5% nominally full respectively.

**Inflows** - Total Inflows into the Clutha System 17.8% higher at 111 GWh.

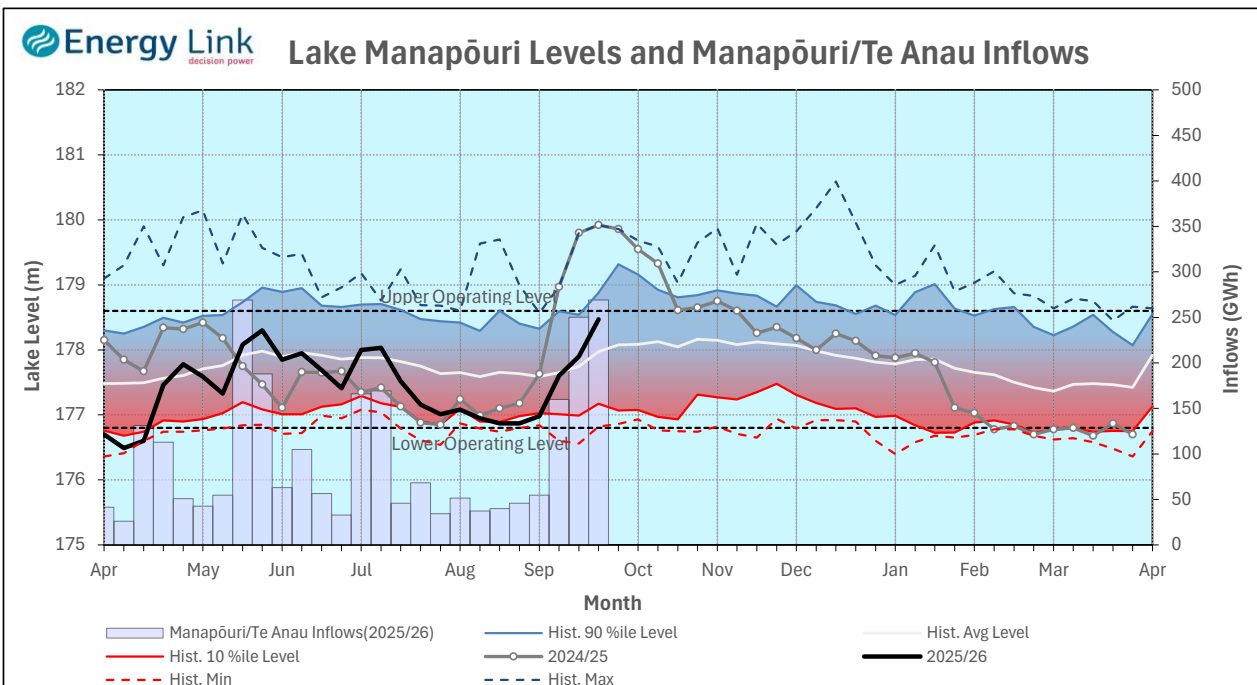
**Generation** - Average generation was 7% higher at 389 MW.

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

**River Flows** - Total outflows from the lakes and Shotover River increased to 405.4 cumecs. This comprised of 14 cumecs from Lake Hāwea, 162 cumecs from Lake Wānaka, 167 cumecs from Lake Wakatipu and 63 cumecs from the Shotover River.



## Manapōuri System



**Lake Levels** - Total storage for the Manapōuri System increased by 36.4% to 509 GWh with Lake Manapōuri ending the week 95.2% nominally full and Lake Te Anau ending the week 128.8% nominally full.

**Inflows** - Total inflows into the Manapōuri System increased 7.5% to 269 GWh.

**Generation** - Average generation was 9.5% higher at 735 MW.

**Hydro Spill** - Estimated spill at the Māraoroa Weir was 49.8 cumecs.

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

