



WATER
SENSE



TE WAI TIKANGA

Tukituki
Land Care

Summary report
to June 2026

DISCLAIMER

Data - The following report is intended to provide a summary of the data received from Tukituki Land Care's sampling programme and does not replace the official IANZ accredited reports in any way shape or form. In some cases, data points will be omitted to allow trending to be displayed more clearly. Please refer to the official lab reports as the primary source of information or for official reporting.

Test Information - Please note this is generalised information only about the tests and not to be used for any other purpose. Much of this information has been taken from the New Zealand Drinking Water Standards as New Zealand does not have Standards for streams, lakes, or rivers. Please treat all information with caution.

TEST INFORMATION

Escherichia Coli (E. coli) - Unlike other bacteria that comprise the total coliform group of organisms, *E. coli* is generally not found growing and reproducing in the environment. Consequently, *E. coli* is considered to be a species within the Coliform group that is the best indicator of recent faecal pollution and the potential for the presence of more dangerous disease-causing organisms (or pathogens).

*Five-year median for all sites in New Zealand: 180 n/100ml**

Nitrate and Nitrite Nitrogen (NO₃ + NO₂ - N) – The recommended limit in New Zealand is 11.4 mg/L for drinking water. If these limits are exceeded, excessive fertiliser use, human and/or animal waste contamination should be suspected.

*Five-year median for all sites in New Zealand is 0.027 mg/L**

Ammonia (NH₄) Nitrate (NO₃) and Nitrite (NO₂) Nitrogen – The recommended limit in New Zealand is 11.4 mg/L for drinking water. If these limits are exceeded, excessive fertiliser use, human and/or animal waste contamination should be suspected. High Nitrogen levels in water sources can cause excess algae growth and can lower the dissolved oxygen content of the waterway creating a toxic environment for aquatic life.

*Five-year median for all sites in New Zealand is 0.29 mg/L**

Dissolved Reactive Phosphorous – this is a proportion of Total Phosphorus that can readily and immediately support plant growth. High levels of dissolved reactive phosphorous can cause an increased risk of algal bloom.

*Five-year median for all sites in New Zealand is 0.00225 mg/L**

References - Drinking Water Standards for NZ (2005, Revised 2018). Guidelines for Drinking Water Quality (WHO; 4th Edition (2011) and www.lawa.org.nz*



Tukipo White Wetland

June 2026

Metric Name	Value Ave Pre-Wetland excl Jan'21	Value Ave Post-Wetland	Value Latest
☐ Ammonia as N			
Tukipo Trib White Wetland Inflow	0.022	0.009	< 0.005
Tukipo Trib White Wetland Outflow	0.014	0.009	0.012
☐ Dissolved Reactive Phosphorus			
Tukipo Trib White Wetland Inflow	0.006	0.009	0.006
Tukipo Trib White Wetland Outflow	0.008	0.002	< 0.002
☐ E. coli			
Tukipo Trib White Wetland Inflow	3,440.000	980.235	18.000
Tukipo Trib White Wetland Outflow	930.000	461.824	8.000
☐ Nitrate-N			
Tukipo Trib White Wetland Inflow	3.053	1.174	1.640
Tukipo Trib White Wetland Outflow	2.727	0.431	0.879
☐ Nitrite-N			
Tukipo Trib White Wetland Inflow	0.017	0.003	0.001
Tukipo Trib White Wetland Outflow	0.007	0.009	0.002
☐ Total Oxidised Nitrogen (NO2N + NO3N)			
Tukipo Trib White Wetland Inflow	3.055	1.177	1.640
Tukipo Trib White Wetland Outflow	2.758	0.434	0.881

Site Name	Latest Sample DateTime
Tukipo Trib White Wetland Inflow	23/06/2026 11:20:00 a.m.
Tukipo Trib White Wetland Outflow	23/06/2026 11:24:00 a.m.

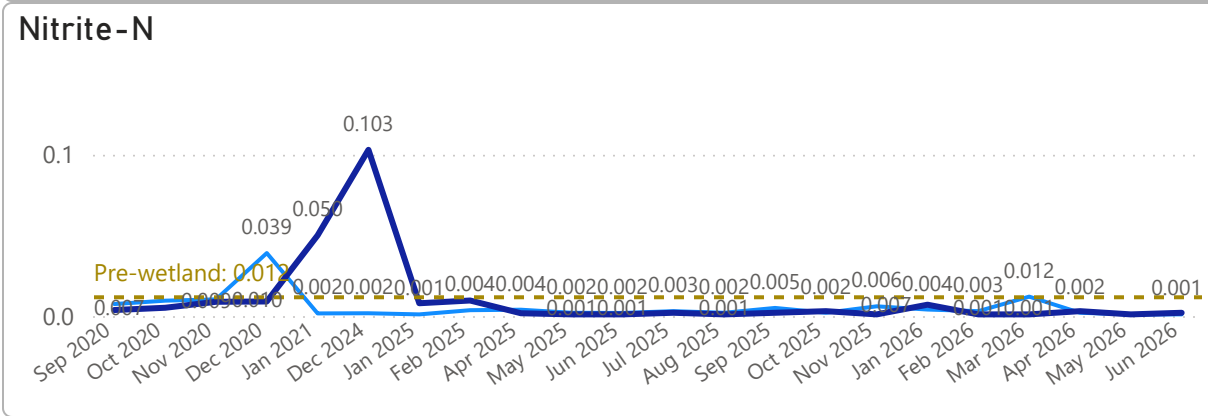
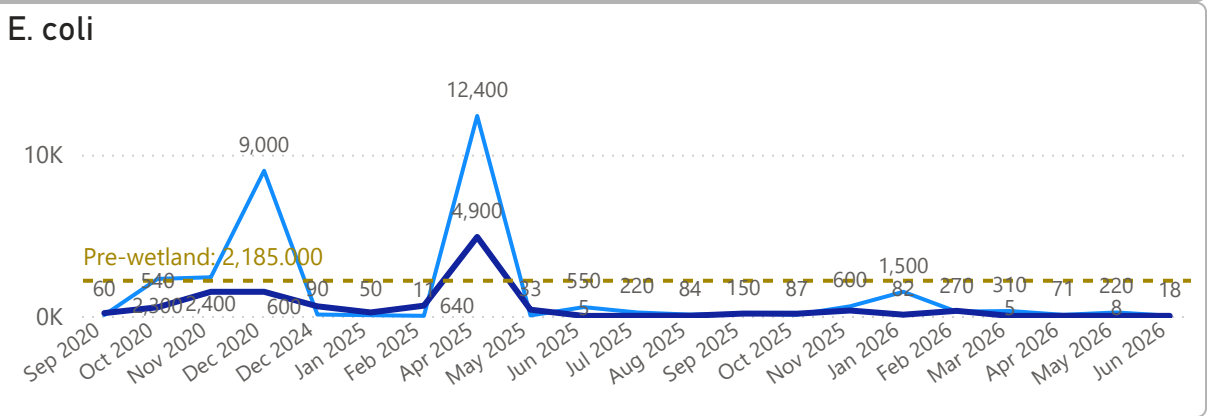
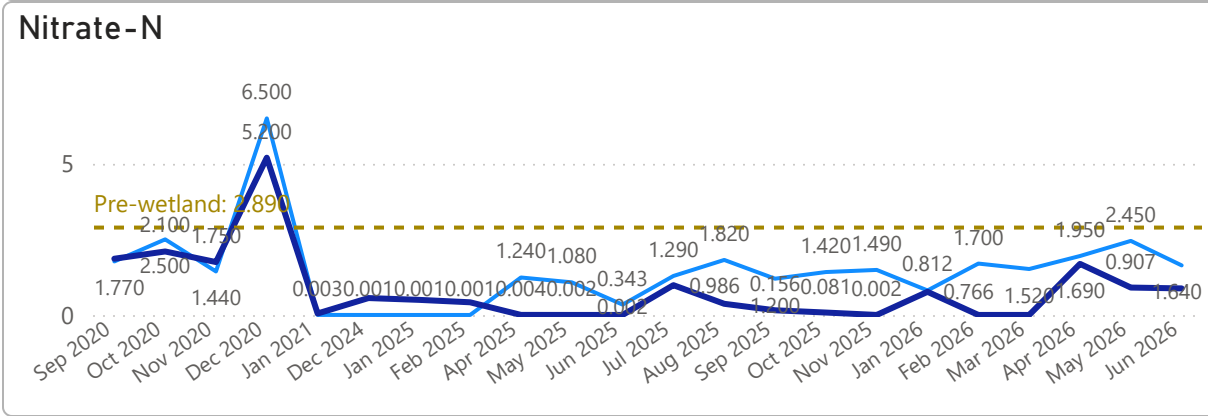
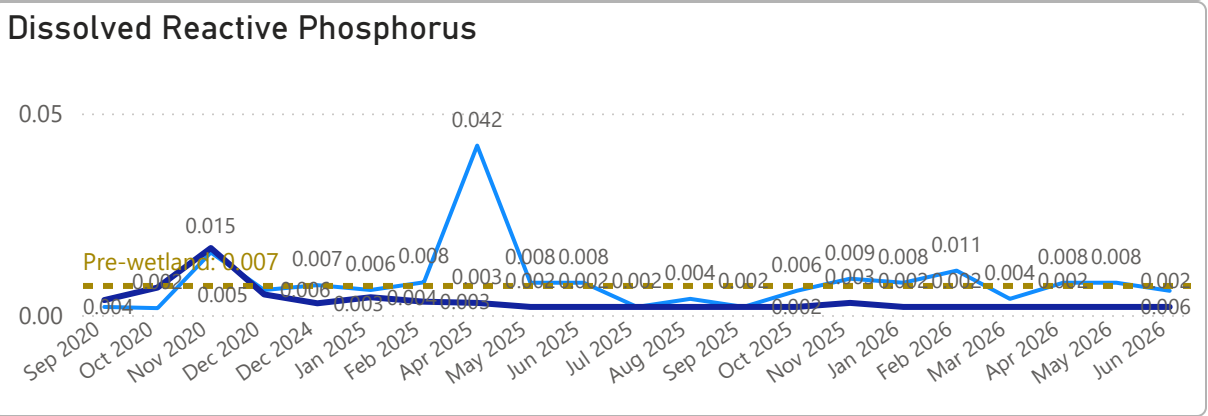
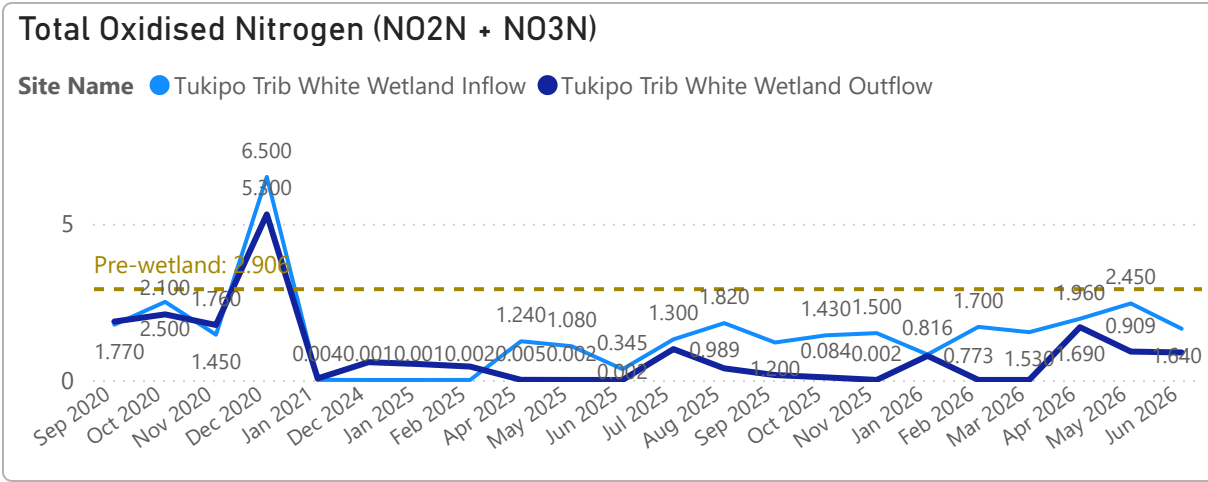
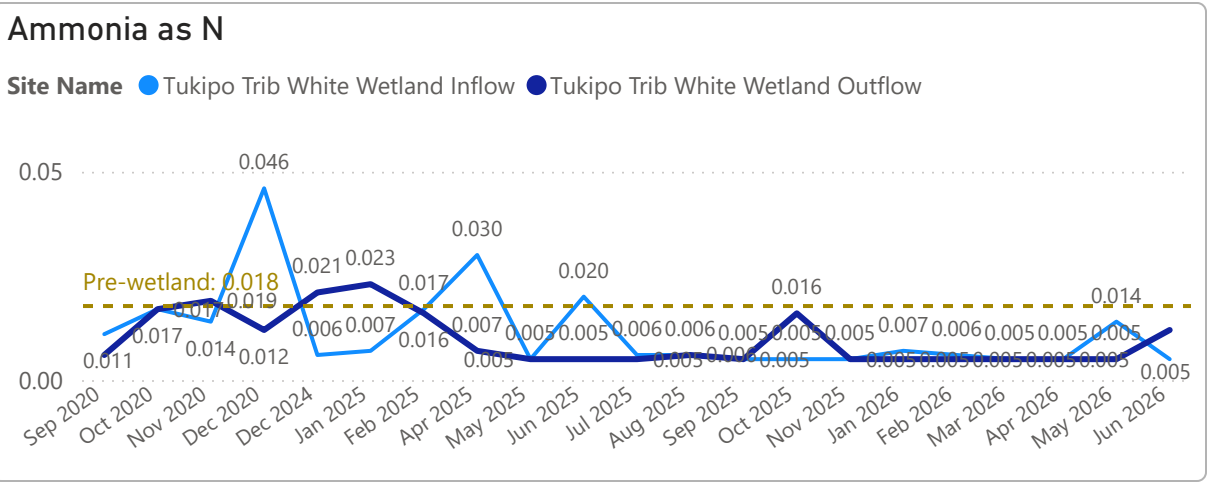
Tukipo White Wetland Inflow [June 2026](#)



Tukipo White Wetland Outflow [June 2026](#)



Tukipo White Wetland pre & post Trends





Severinsen Road Wetland

June 2026

Metric Name	Value Ave Post- Wetland	Value Latest
▲		
[-] Ammonia as N		
Severinsen Road Wetland Inflow	0.011	< 0.005
Severinsen Road Wetland Outflow	0.020	0.014
[-] Dissolved Reactive Phosphorus		
Severinsen Road Wetland Inflow	0.008	0.010
Severinsen Road Wetland Outflow	0.022	0.026
[-] E. coli		
Severinsen Road Wetland Inflow	67.923	11.000
Severinsen Road Wetland Outflow	1,041.077	1.000
[-] Nitrate-N		
Severinsen Road Wetland Inflow	0.007	< 0.002
Severinsen Road Wetland Outflow	0.007	< 0.002
[-] Nitrite-N		
Severinsen Road Wetland Inflow	0.002	0.001
Severinsen Road Wetland Outflow	0.002	0.002
[-] Total Oxidised Nitrogen (NO2N + NO3N)		
Severinsen Road Wetland Inflow	0.008	< 0.002
Severinsen Road Wetland Outflow	0.008	0.002

Site Name	Latest Sample DateTime
Severinsen Road Wetland Inflow	23/06/2026 10:56:00 a.m.
Severinsen Road Wetland Outflow	23/06/2026 10:50:00 a.m.

Severinsen Road Wetland Inflow [June 2026](#)

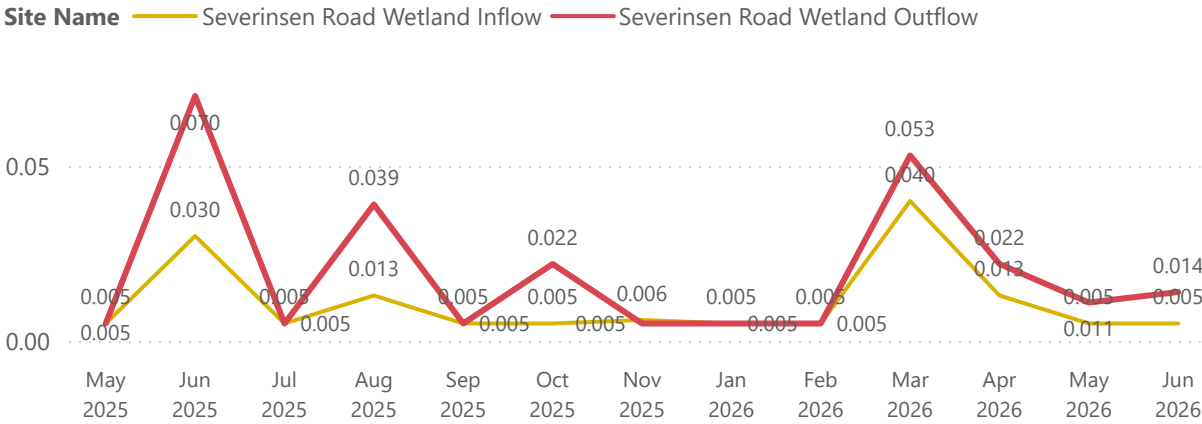


Severinsen Road Wetland Outflow [June 2026](#)

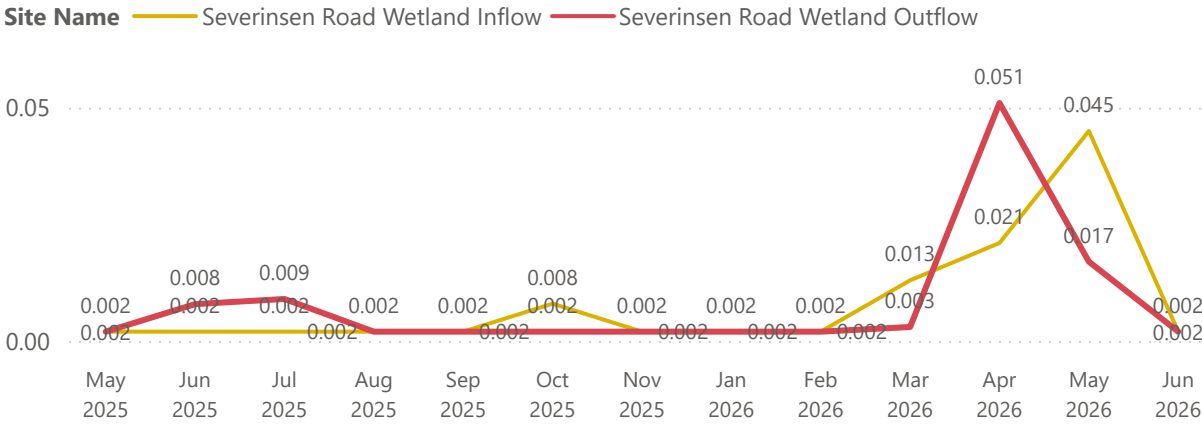


Serverinsen Latest Trends

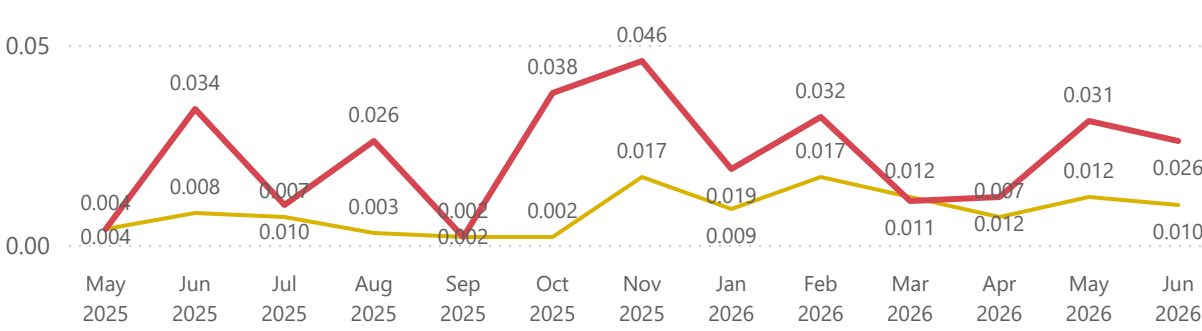
Ammonia as N



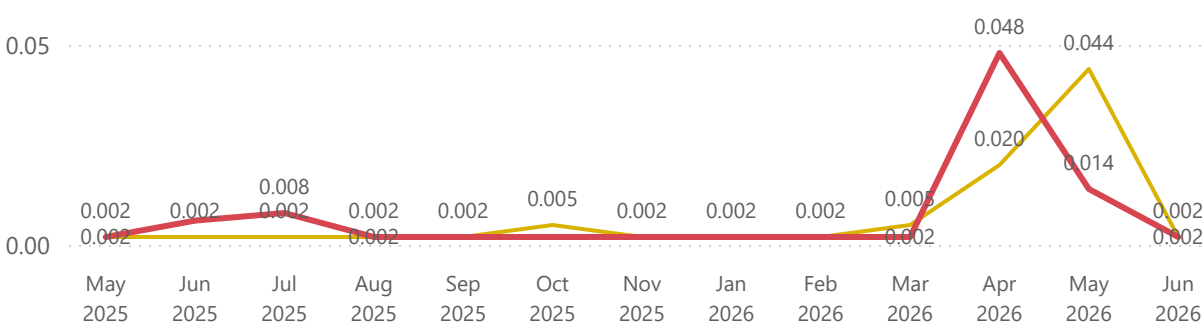
Total Oxidised Nitrogen (NO2N + NO3N)



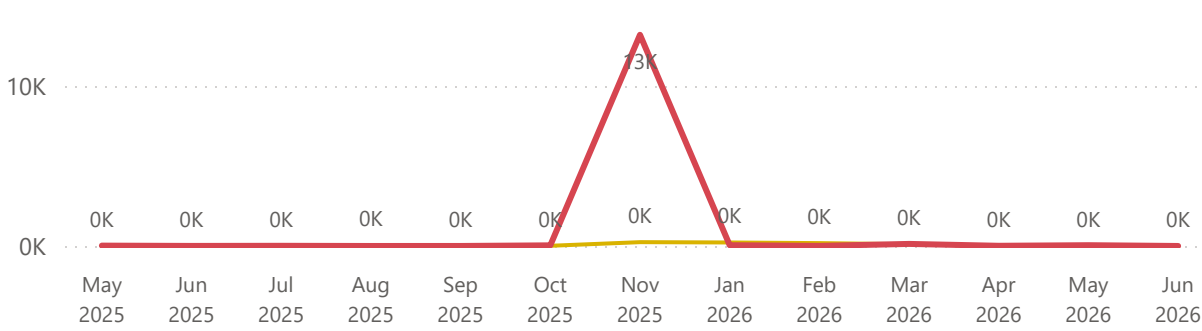
Dissolved Reactive Phosphorus



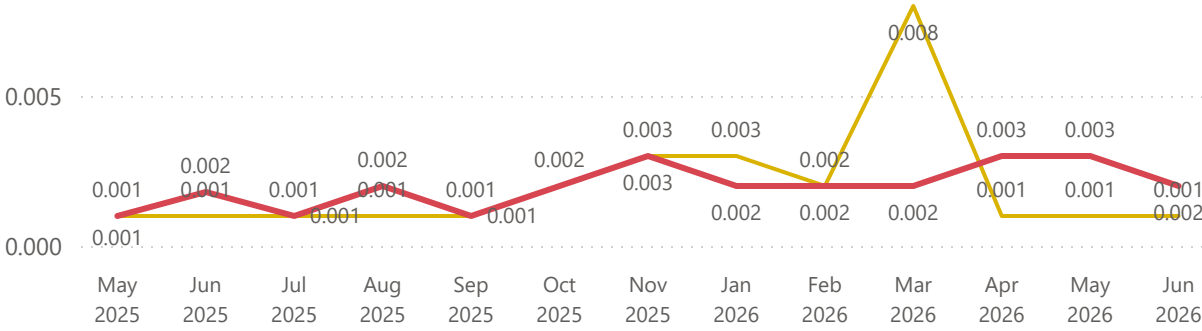
Nitrate-N



E. coli



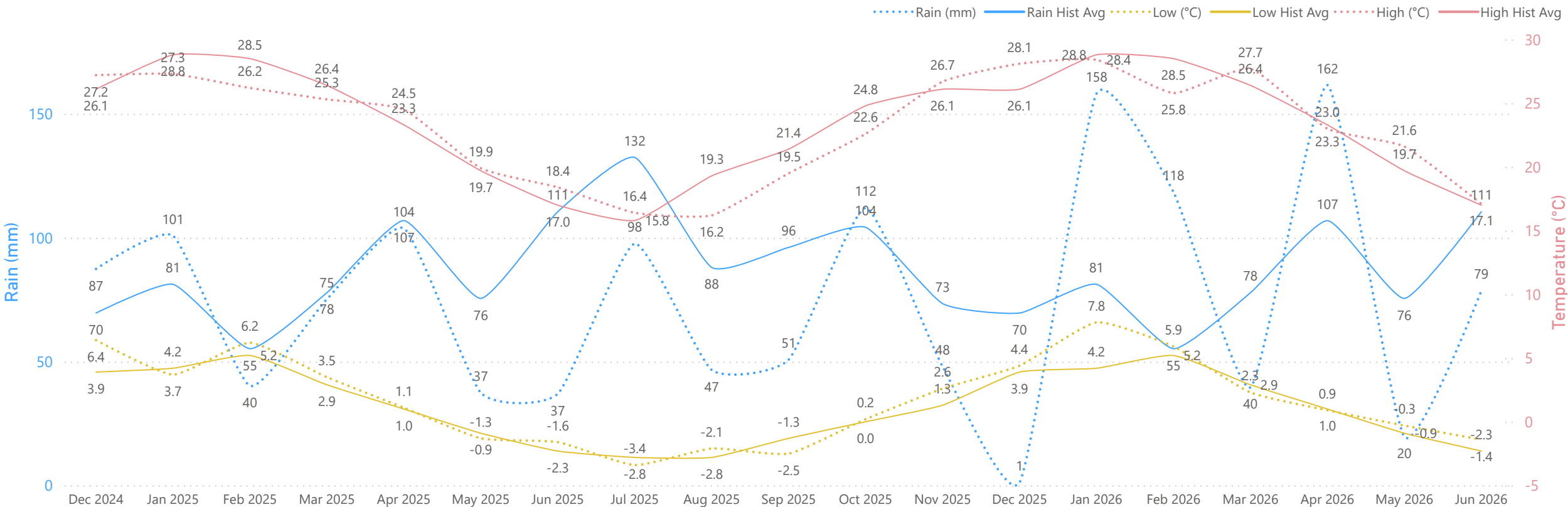
Nitrite-N



Weather Data

Weather Trends

Monthly total mm rain and average high & low temperatures vs historical averages



Weather Data

	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
High (°C)	27.20	27.30	26.20	25.30	24.50	19.90	18.40	16.40	16.20	19.50	22.60	26.70	28.10	28.40	25.80	27.70	23.00	21.60	17.10
High (°C) Hist Avg	26.10	28.80	28.50	26.40	23.30	19.70	17.00	15.80	19.30	21.40	24.80	26.10	26.10	28.80	28.50	26.40	23.30	19.70	17.00
Low (°C)	6.40	3.70	6.20	3.50	1.10	-1.30	-1.60	-3.40	-2.10	-2.50	0.20	2.60	4.40	7.80	5.90	2.30	0.90	-0.30	-1.40
Low (°C) Hist Avg	3.90	4.20	5.20	2.90	1.00	-0.90	-2.30	-2.80	-2.80	-1.30	0.00	1.30	3.90	4.20	5.20	2.90	1.00	-0.90	-2.30
Rain (mm)	87.40	100.80	40.20	75.20	103.80	37.40	37.00	97.60	46.60	50.80	112.00	48.00	1.20	158.20	118.40	39.60	161.60	19.60	78.60
Rain (mm) Hist Avg	69.60	81.20	55.20	77.80	106.90	75.50	110.50	132.40	88.00	96.10	104.20	73.40	69.60	81.20	55.20	77.80	106.90	75.50	110.50