

Biogeochemistry: Online Resource 2

Spatial Patterns in Long-Term Nutrient Concentration and Stoichiometry Trends in Northern Prairie Rivers

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Online Resource 2: Results of Mann-Kendall (MK) and Weighted Regressions over Time, Discharge, and Season (WRTDS). The first and second symbols represent the results of the Mann Kendall and WRTDS analysis, respectively. Increasing and decreasing arrows represent the direction of the trend, while a line represents no trend. Final decision is depicted in red. Indented station names represent tributaries to the Red and Assiniboine Rivers.

	Site	TN	TP	TN:TP	DIN	TDP	DIN:TDP
Assiniboine River	Kamsack	- -	- -	↑ -	↑ -	↓ -	↑ -
	Welby	↑ ↑	↑ ↑	↓ ↓	↑ ↑	↑ ↑	↑ ↑
	Brandon	- ↑	- ↑	↑ -	↓ -	- -	- -
	Treesbank	- -	- -	↑ ↑	↓ ↓	↓ ↓	- ↑
	Westhope	↓ -	↓ ↓	↑ ↑	↑ ↑	↓ -	↑ -
	Headingley	- ↑	↑ ↑	↓ ↓	- -	- ↑	↓ ↓
Red River	Fargo	↓ ↓	- -	- ↓	- ↓	- ↑	- ↓
	Grand Forks	↑ ↑	↑ ↑	- ↓	↑ ↑	↑ ↑	- -
	Windy Gates	- ↓	- -	↓ ↓	- -	↑ ↑	- -
	Emerson	↑ -	↑ ↑	↓ ↓	↑ ↑	↑ ↑	↓ -
	Selkirk	- -	- -	- -	↓ ↓	- -	- -