

# Banana River Aquatic Preserve

## SEACAR Discrete Water Quality Analysis

Last compiled on 26 June, 2024

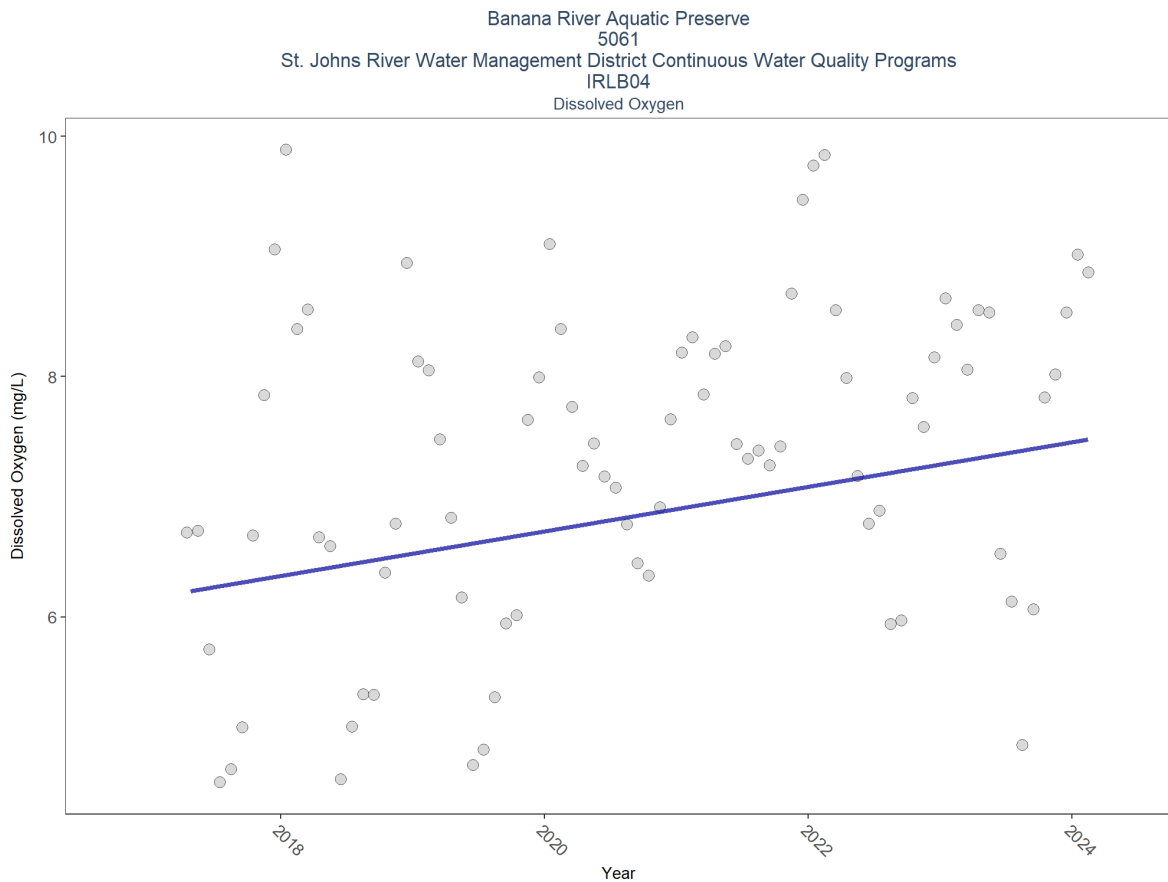
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## Parameters

Dissolved Oxygen

IRLB04



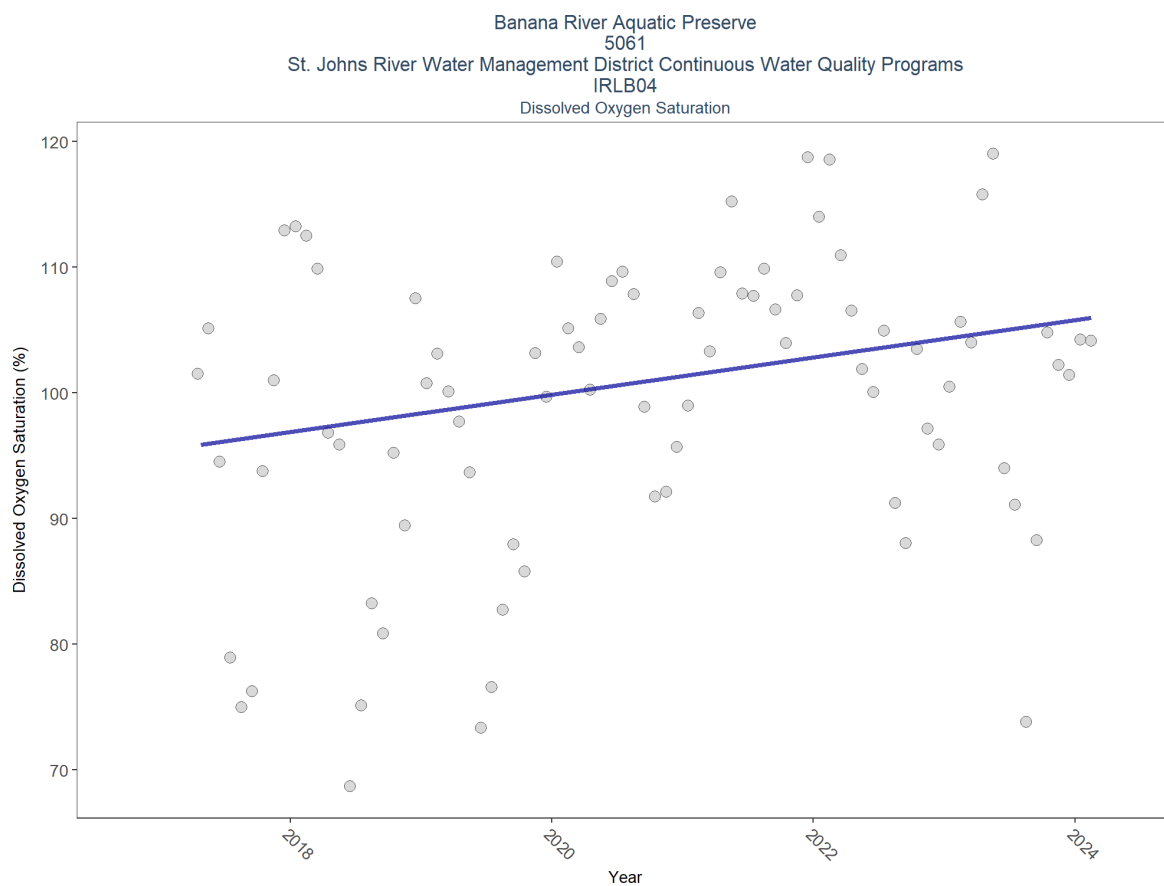
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	59376	8	7.35	TRUE	0.3558	0.0001	0.1848992	6.158324	8.3157	0.6848	1

*p < 0.00005 appear as 0 due to rounding.*

*SennIntercept is intercept value at beginning of  
record for monitoring location*

# Dissolved Oxygen Saturation

IRLB04



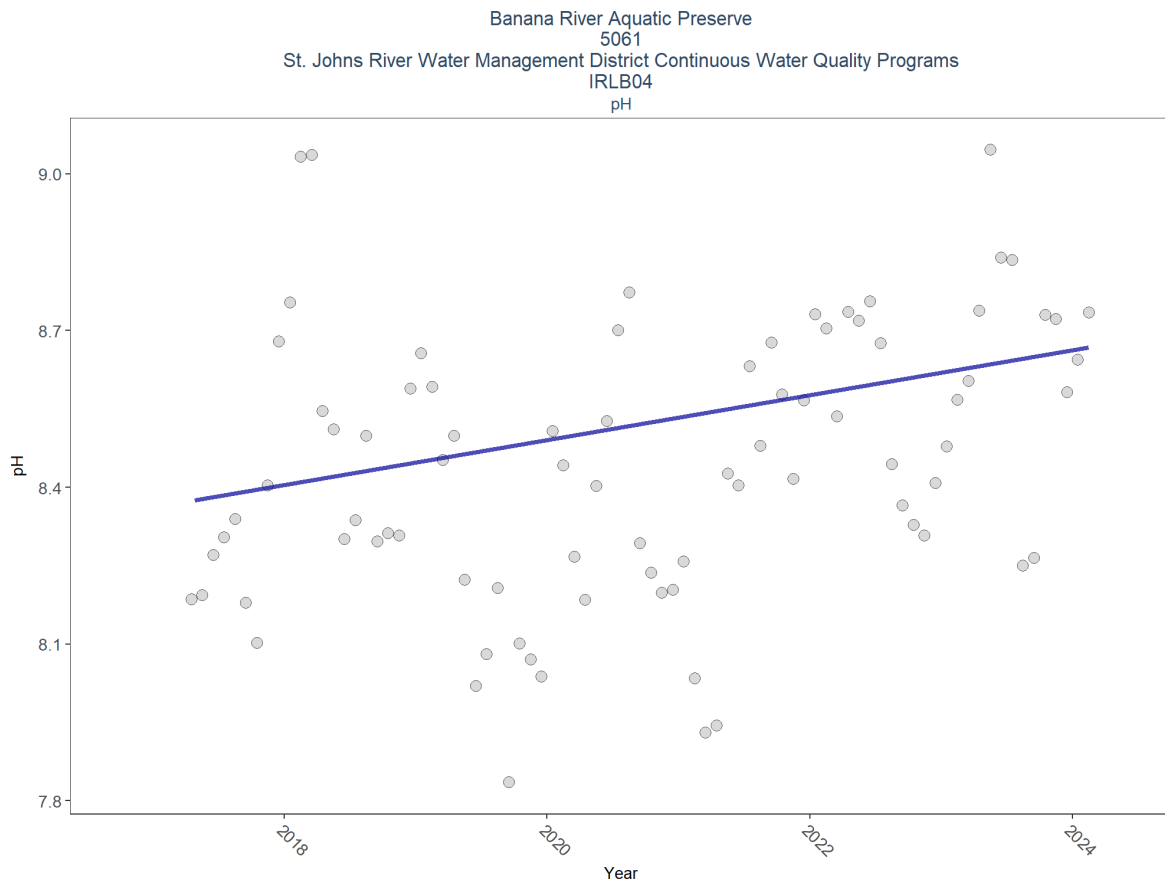
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	68458	8	100.9381	TRUE	0.2273	0.0155	1.484297	95.41263	8.7672	0.6434	1

$p < 0.00005$  appear as 0 due to rounding.

SennIntercept is intercept value at beginning of  
record for monitoring location

# pH

## IRLB04



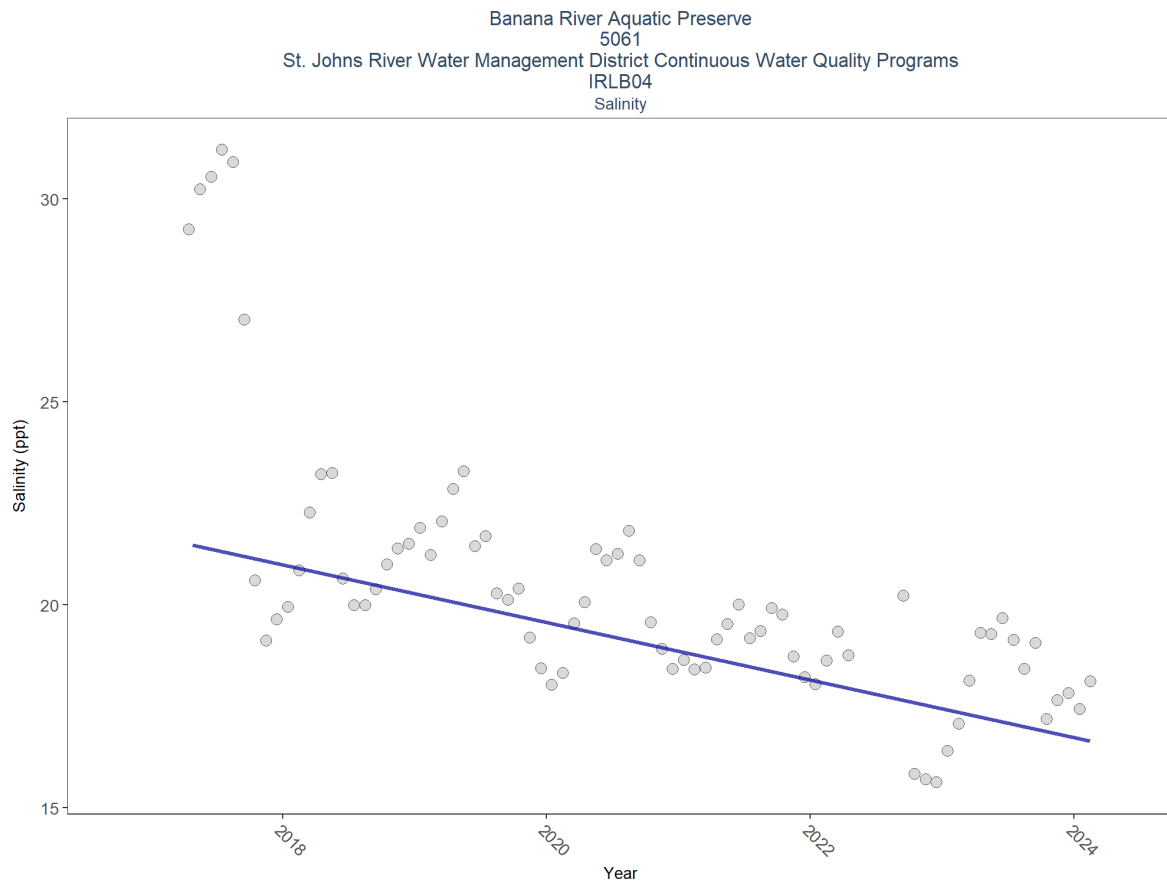
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	59293	8	8.45	TRUE	0.2321	0.0121	0.04301433	8.361113	15.3079	0.1688	1

$p < 0.00005$  appear as 0 due to rounding.

*SennIntercept is intercept value at beginning of  
record for monitoring location*

# Salinity

IRLB04



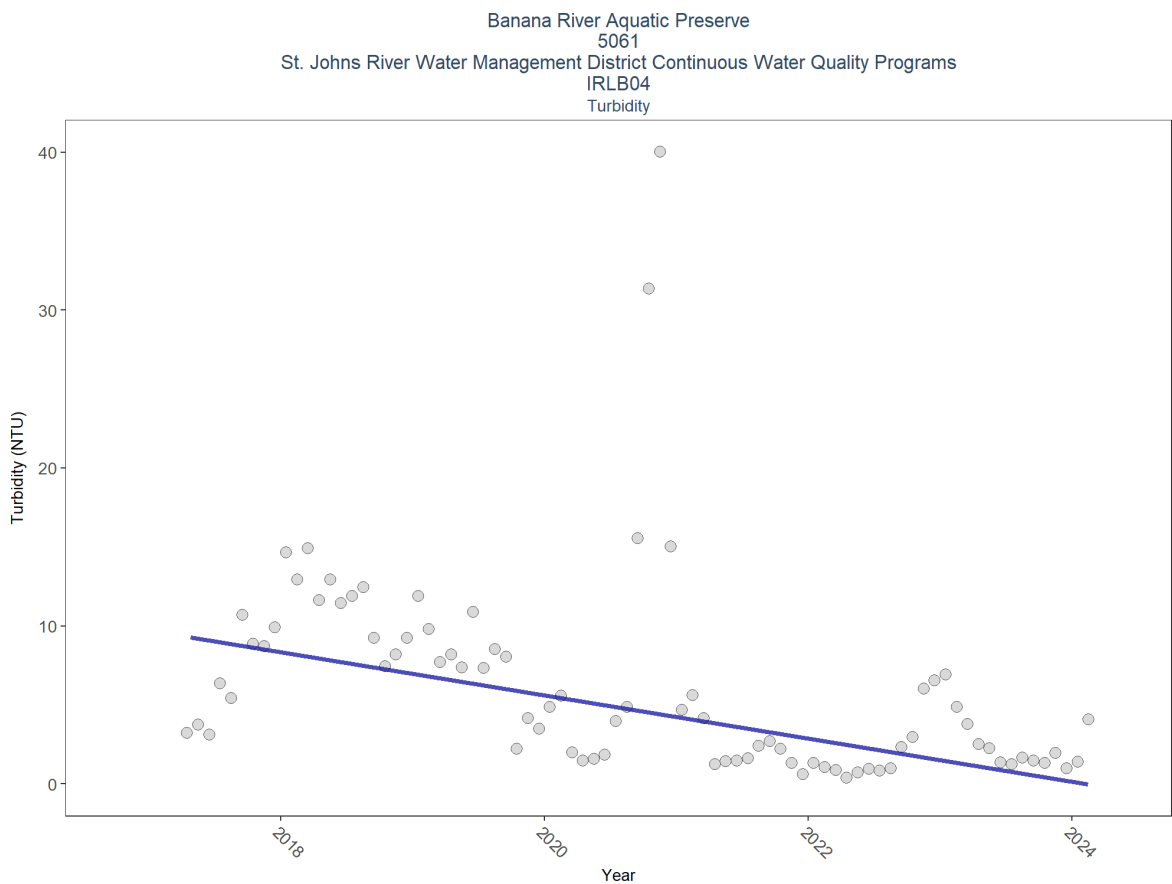
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	55516	8	19.69762	TRUE	-0.7148	0.0000	-0.7101588	21.70299	1.0674	0.9999	-1

$p < 0.00005$  appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Turbidity

IRLB04



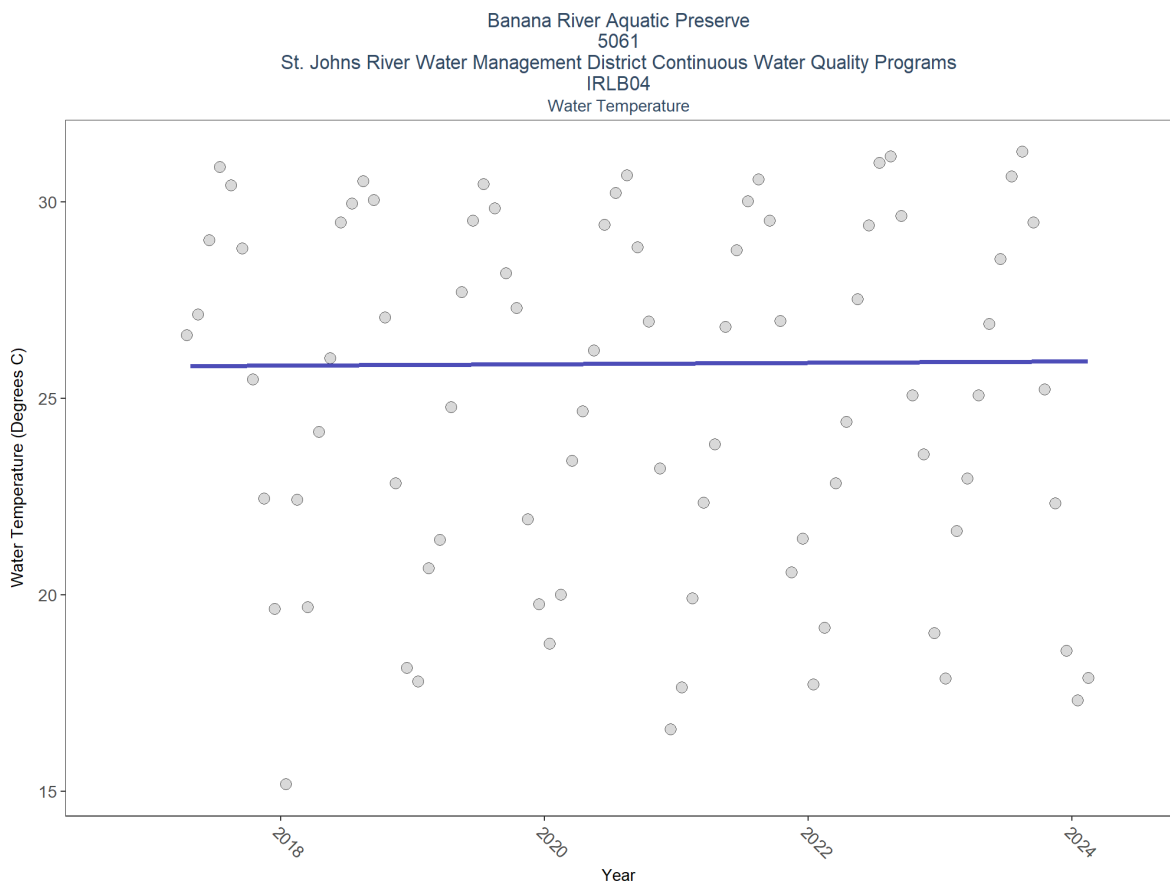
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	57363	8	3.69	TRUE	-0.5936	0.0000	-1.37094	9.731418	1.6701	0.9994	-2

$p < 0.00005$  appear as 0 due to rounding.

SennIntercept is intercept value at beginning of  
record for monitoring location

Water Temperature

IRLB04



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
surface	59380	8	25.68	TRUE	0.0233	0.8949	0.01647849	25.82375	15.8454	0.147	0

*p < 0.00005 appear as 0 due to rounding.*

*SennIntercept is intercept value at beginning of  
record for monitoring location*