

Southeast Florida Coral Reef Ecosystem Conservation Area
SEACAR Discrete Water Quality Analysis

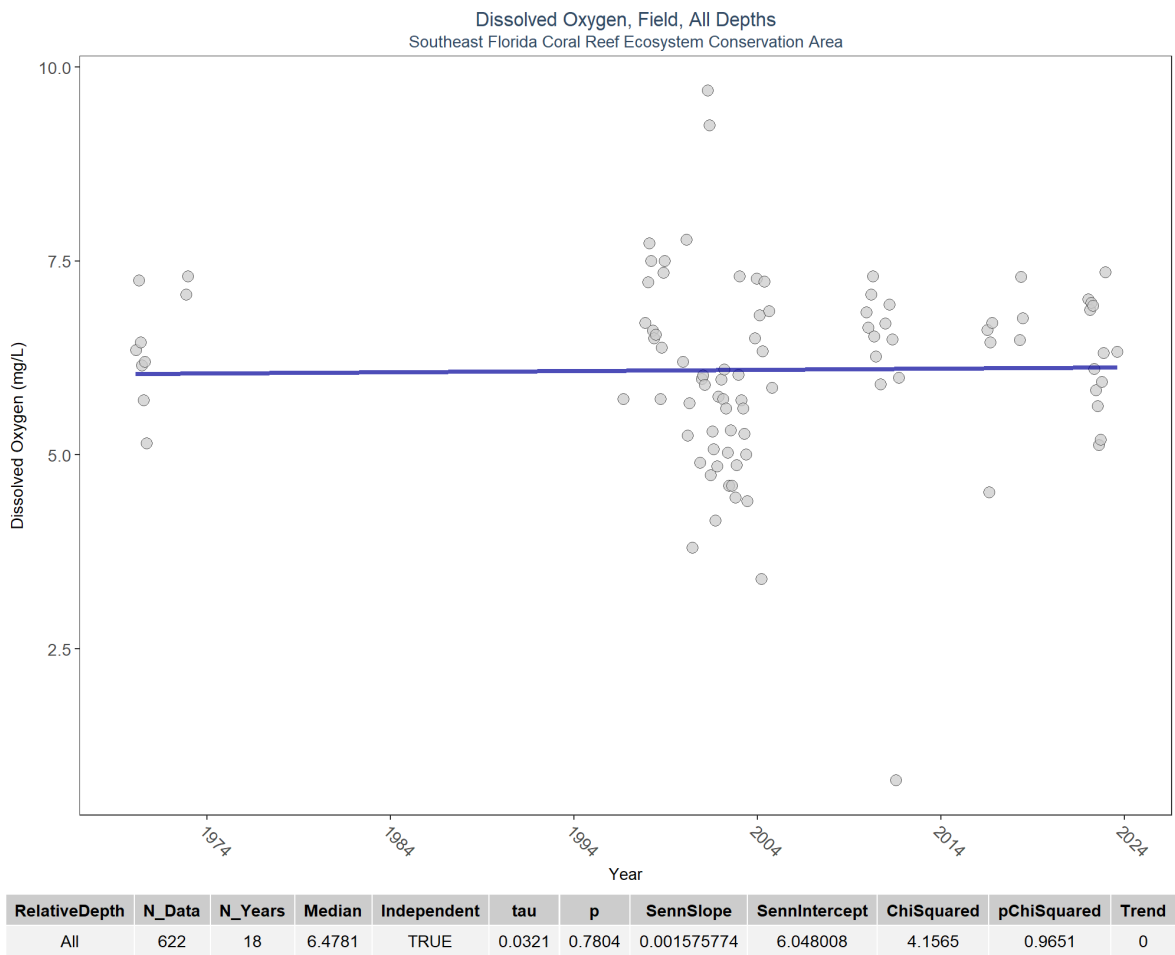
Last compiled on 26 June, 2024

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Parameters

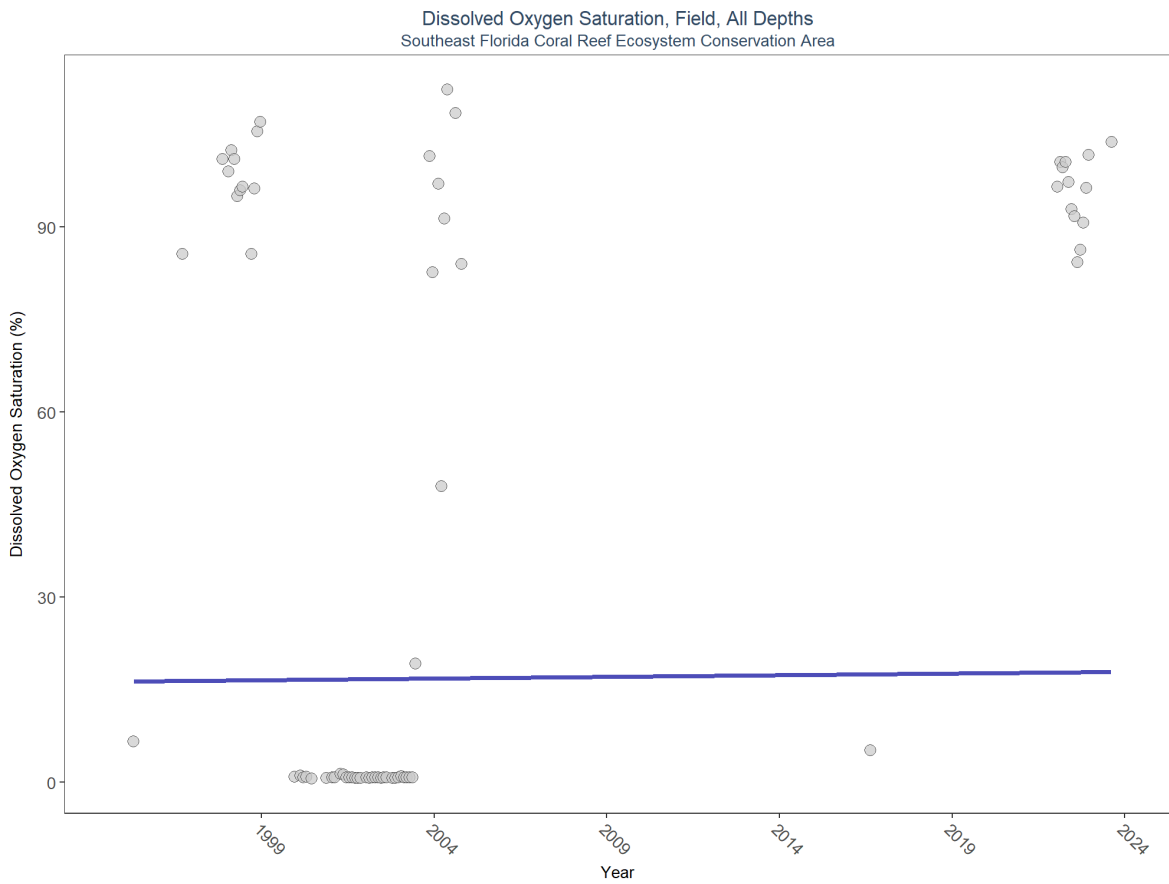
Dissolved Oxygen



p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Dissolved Oxygen Saturation

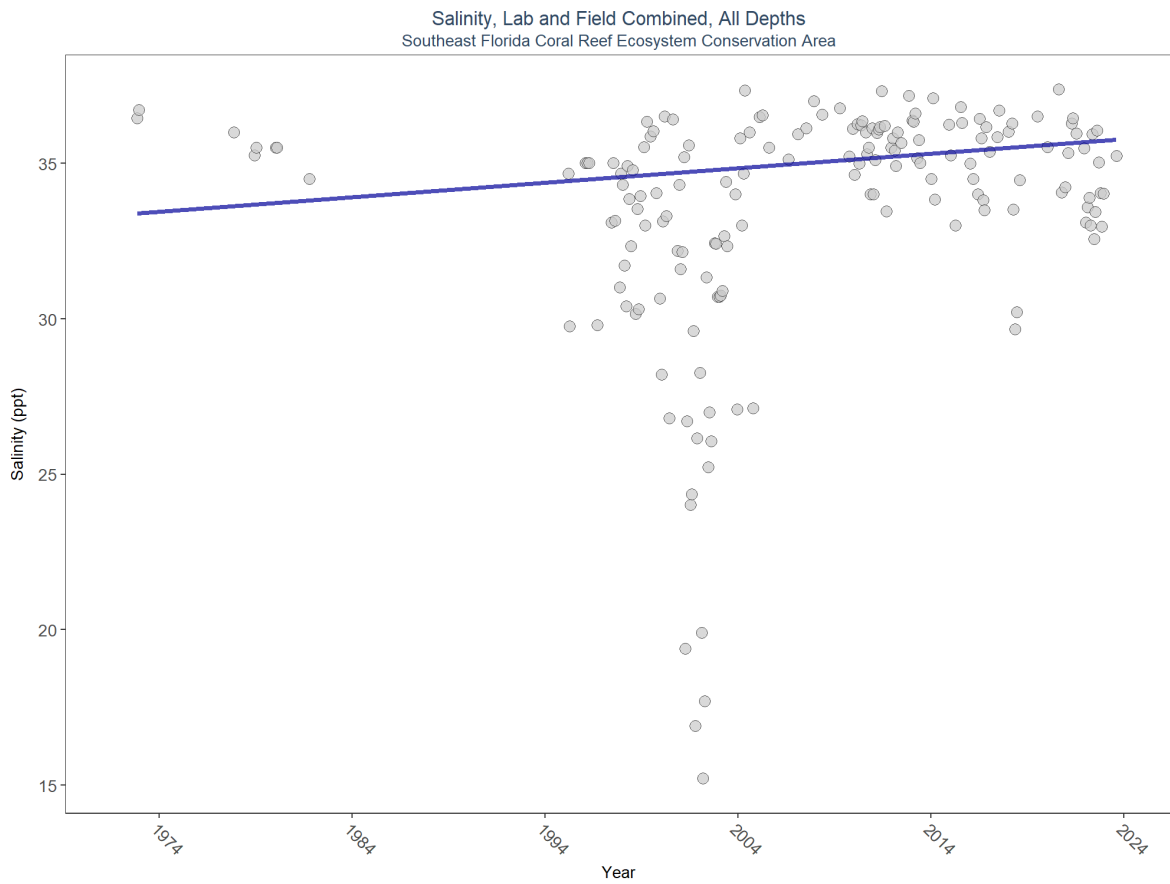


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	272	13	88.15	TRUE	0.1265	0.3484	0.0551355	16.3311	1.8632	0.9989	0

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

SennIntercept is intercept value at beginning of record for monitoring location

Salinity

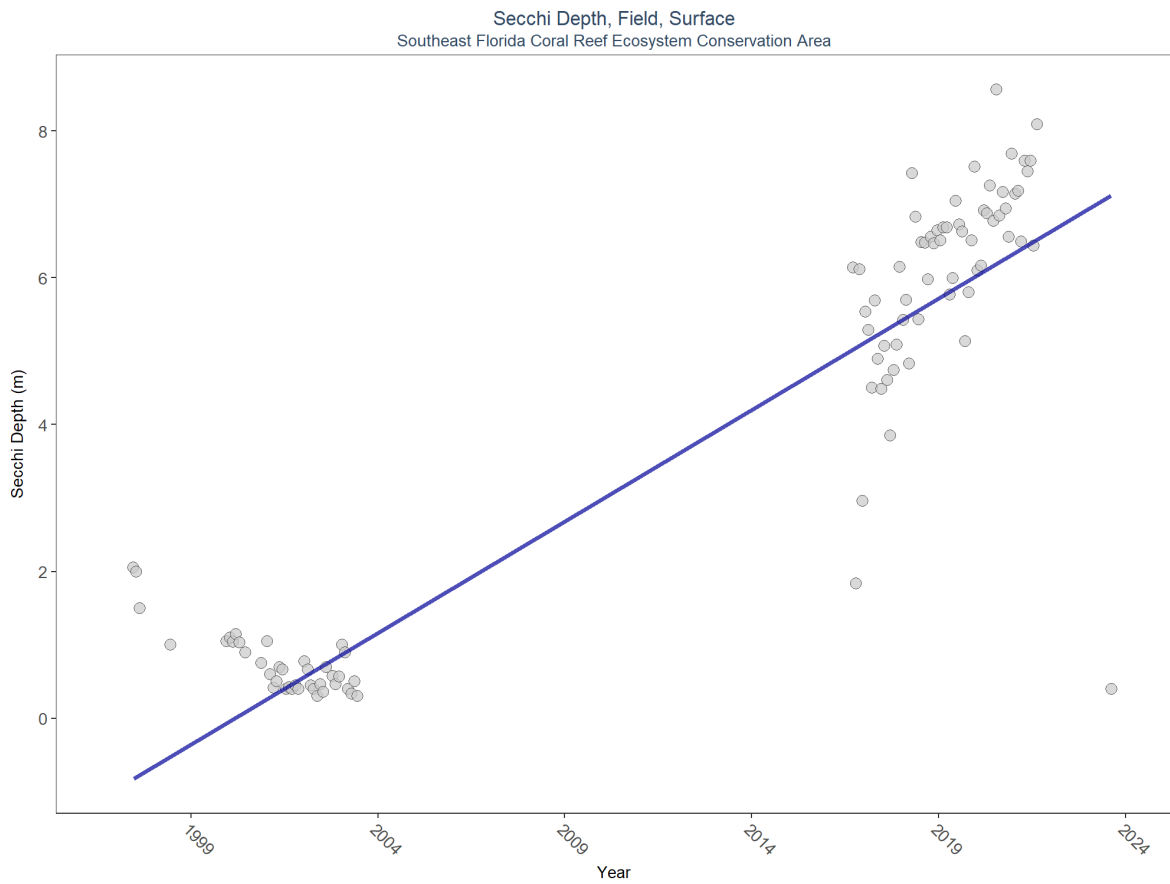


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	876	35	35.8	TRUE	0.1616	0.0085	0.04681275	33.35276	2.6662	0.9944	1

p < 0.00005 appear as 0 due to rounding.

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

Secchi Depth

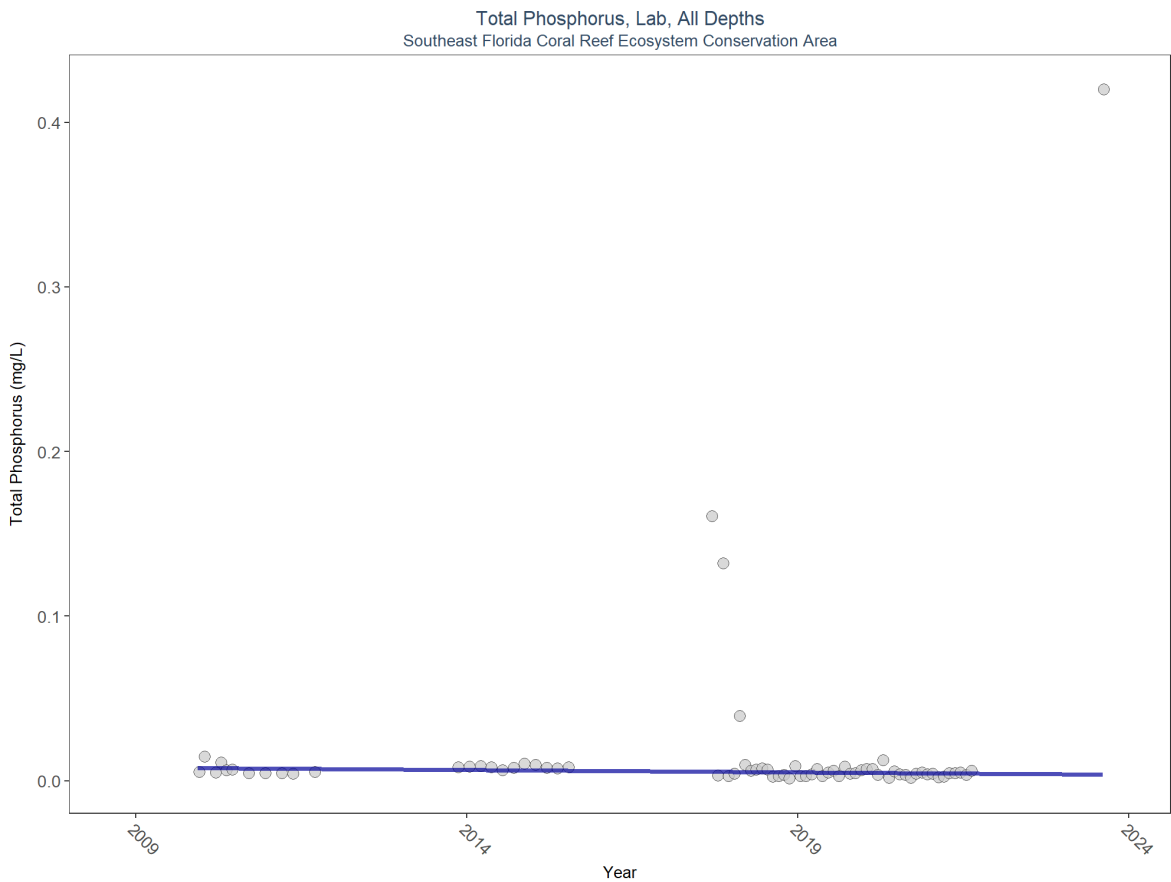


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
Surface	5866	14	5.2	TRUE	0.6421	0.0000	0.3040952	-0.9685242	3.1291	0.9889	1

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

SennIntercept is intercept value at beginning of
record for monitoring location

Total Phosphorus

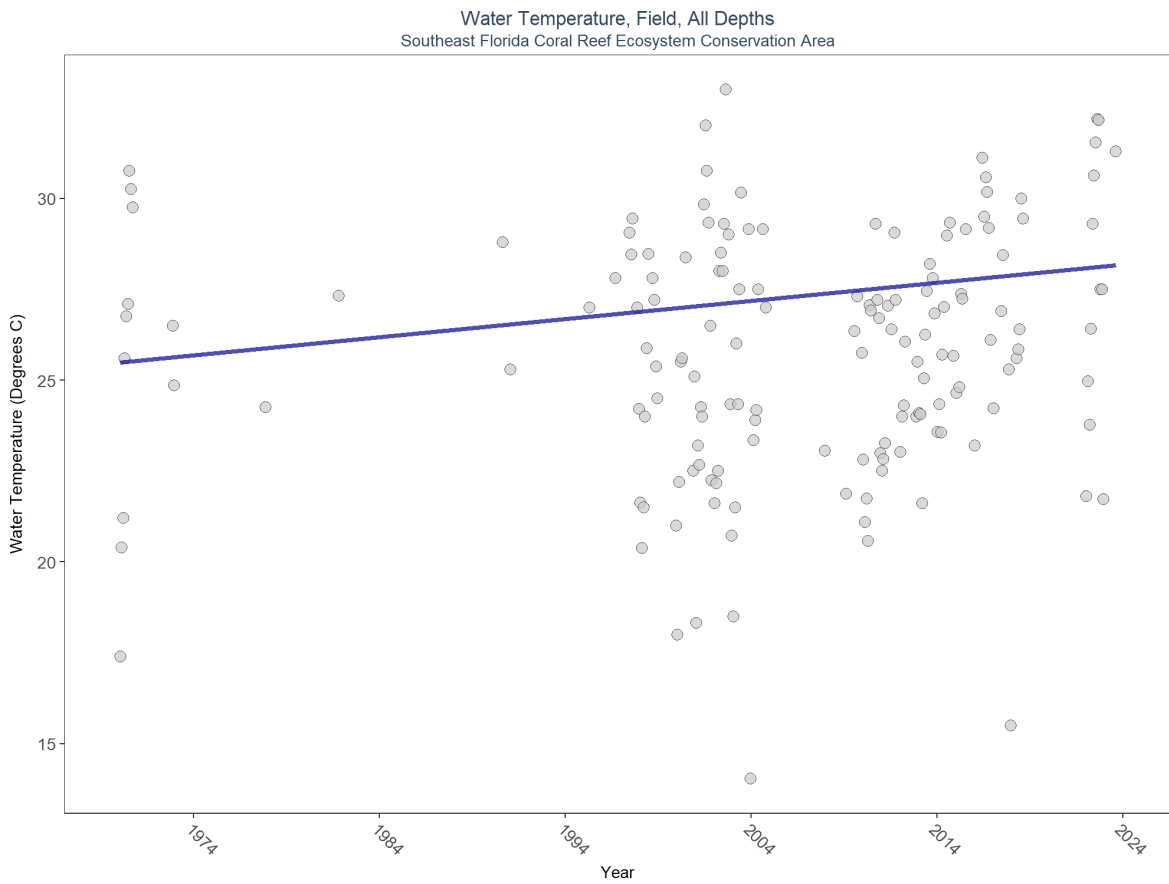


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	11083	12	0.001	TRUE	-0.2247	0.0128	-0.0002966667	0.007976768	20.0219	0.045	-2

p < 0.00005 appear as 0 due to rounding.

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

Water Temperature



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	1472	29	26.5	TRUE	0.2066	0.0006	0.05	25.48707	12.2884	0.3424	1

p < 0.00005 appear as 0 due to rounding.

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