Coupon Bight Aquatic Preserve

SEACAR Discrete Water Quality Analysis
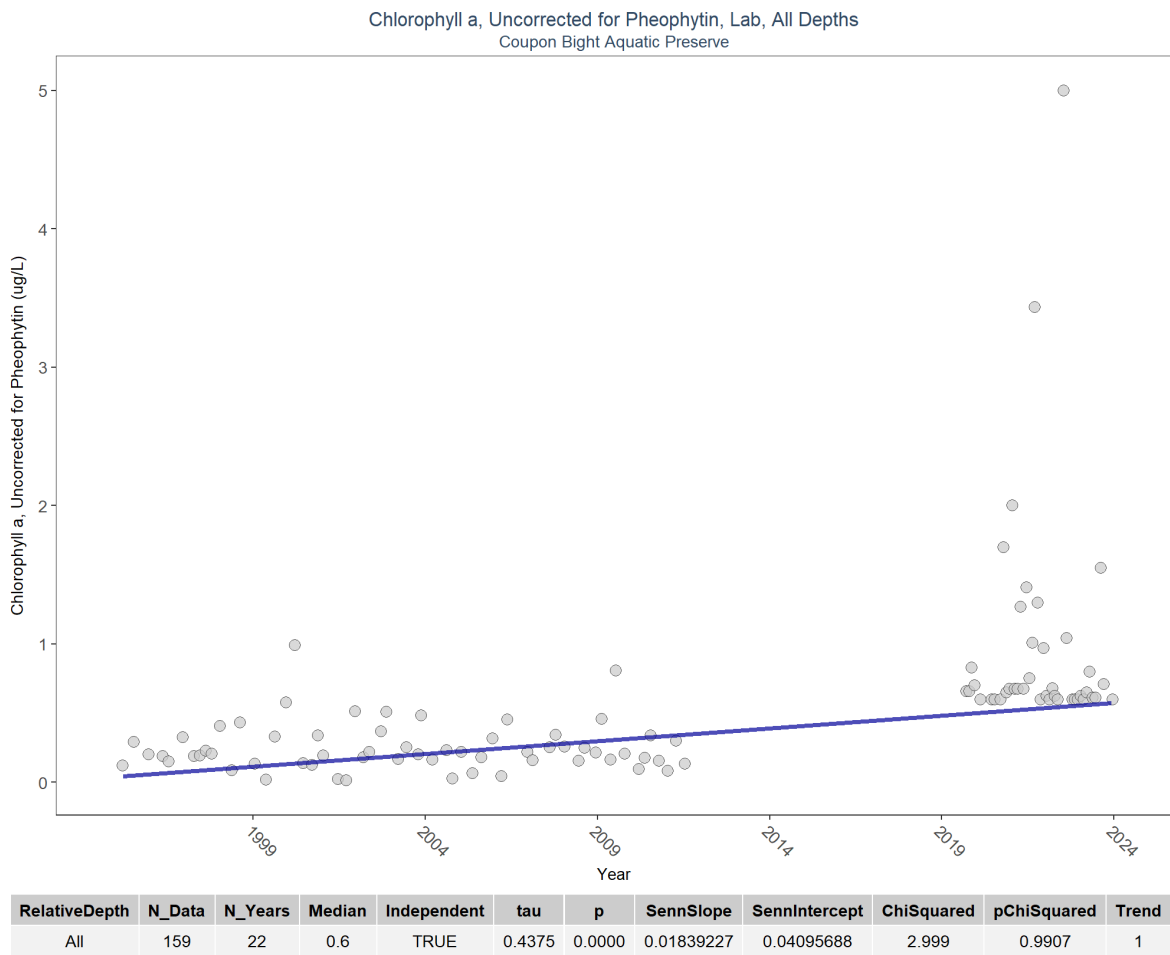
Last compiled on 26 June, 2024

Contents

Parameters

Chlorophyll a, Uncorrected for Pheophytin

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	159	22	0.6	TRUE	0.4375	0.0000	0.01839227	0.04095688	2.999	0.9907	1

p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

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Dissolved Oxygen

Dissolved Oxygen, Field, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	144	19	6.0178	TRUE	-0.2221	0.0522	-0.036	6.523922	14.2878	0.2175	0

p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location
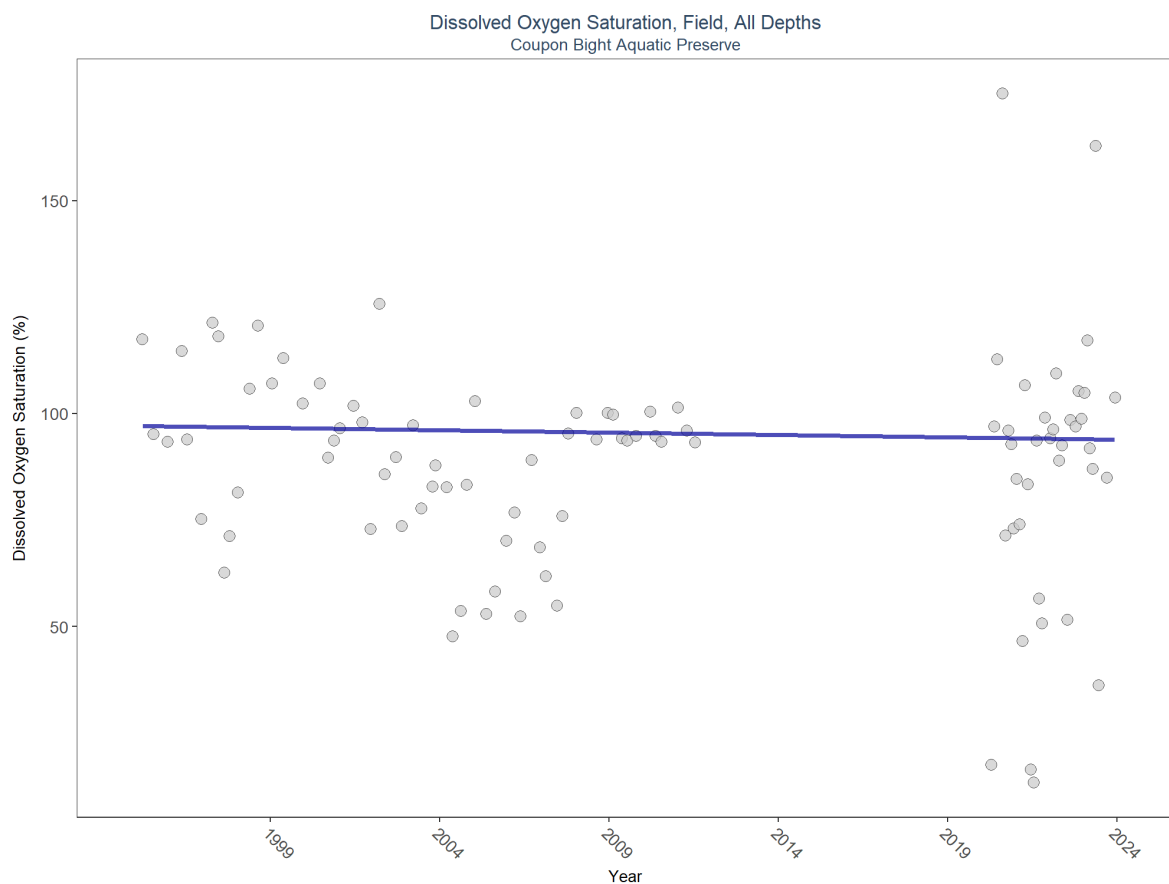
Dissolved Oxygen Saturation

Dissolved Oxygen Saturation, Field, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	169	21	93.42477	TRUE	-0.0642	0.5191	-0.1115382	97.08217	30.0029	0.0016	0

p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Salinity
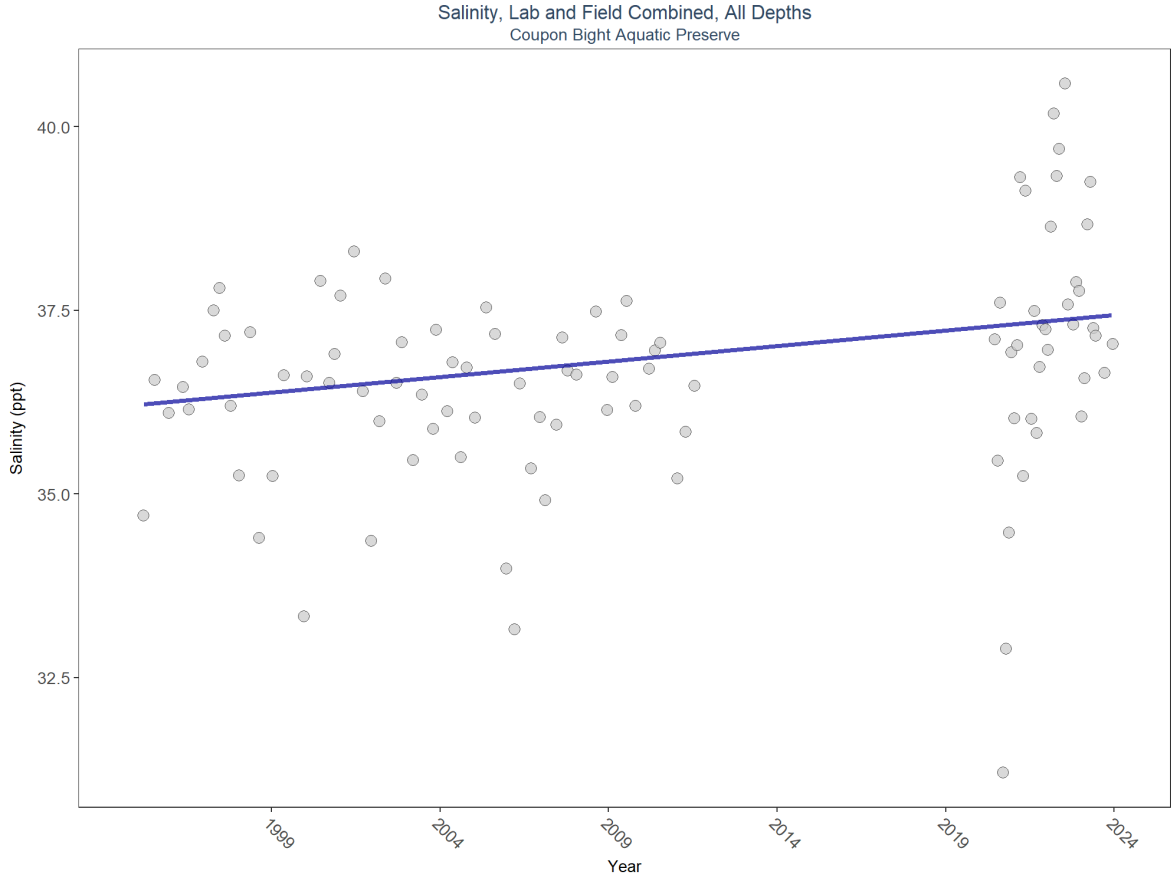
Salinity, Lab and Field Combined, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	177	21	36.6401	TRUE	0.3089	0.0001	0.04204667	36.21338	13.722	0.2488	1

p < 0.00005 appear as 0 due to rounding.

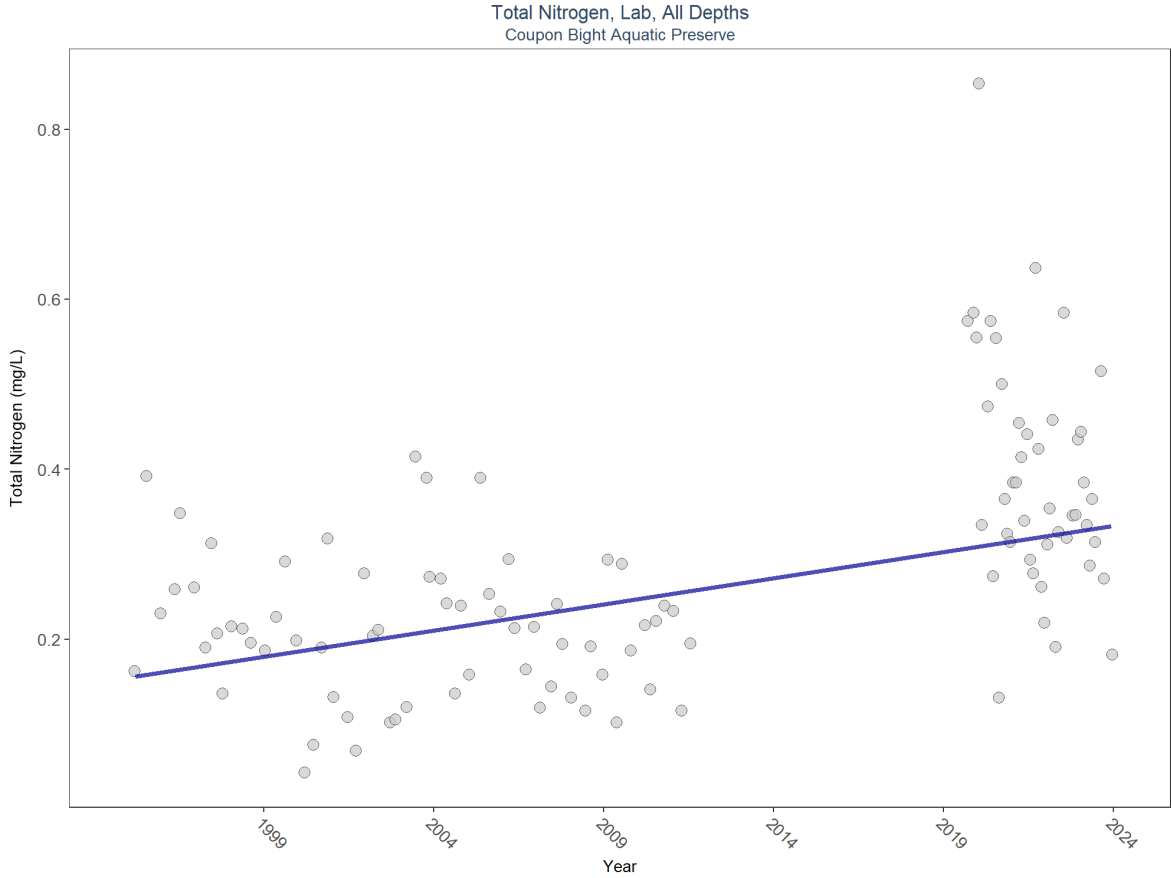*SennIntercept is intercept value at beginning of record for monitoring location*

Total Nitrogen

Total Nitrogen, Lab, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	134	22	0.2599038	TRUE	0.3338	0.0001	0.006166545	0.1546309	6.9733	0.8012	1

p < 0.00005 appear as 0 due to rounding.

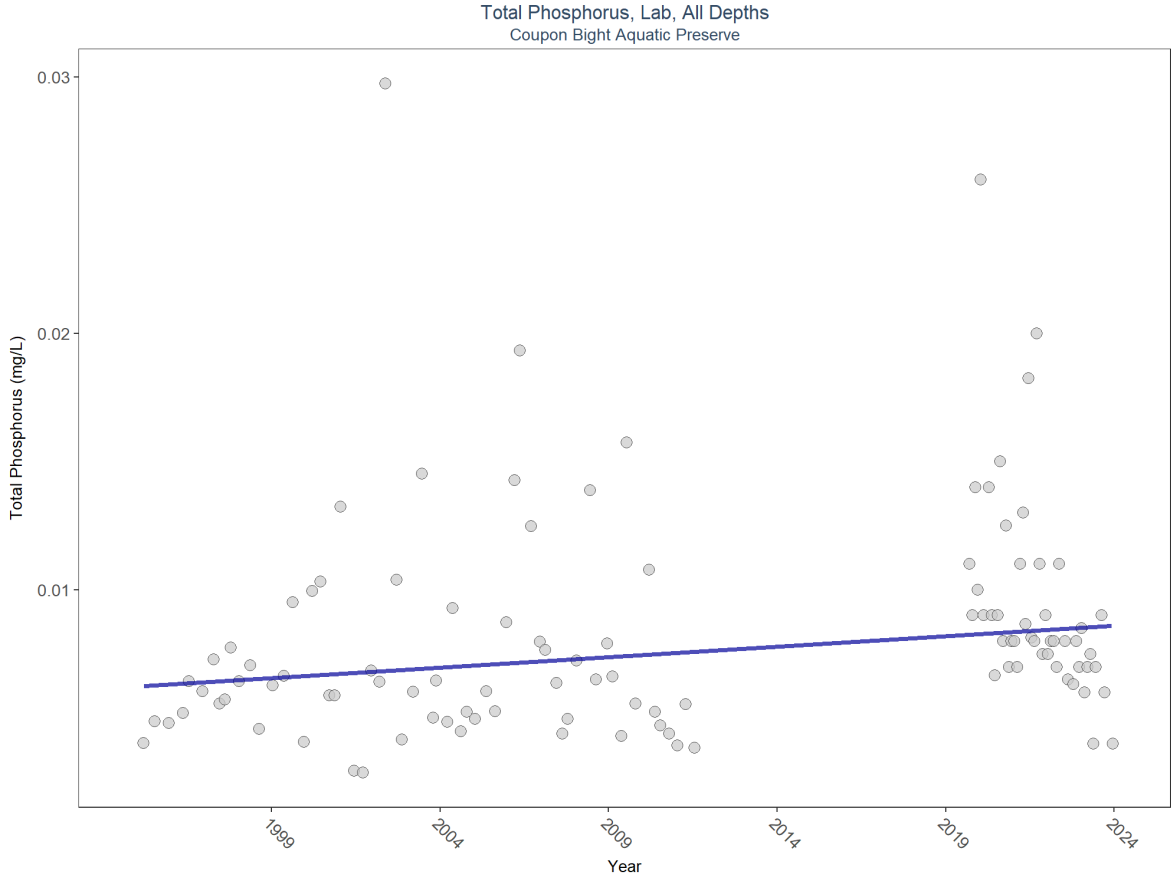*SennIntercept is intercept value at beginning of record for monitoring location*
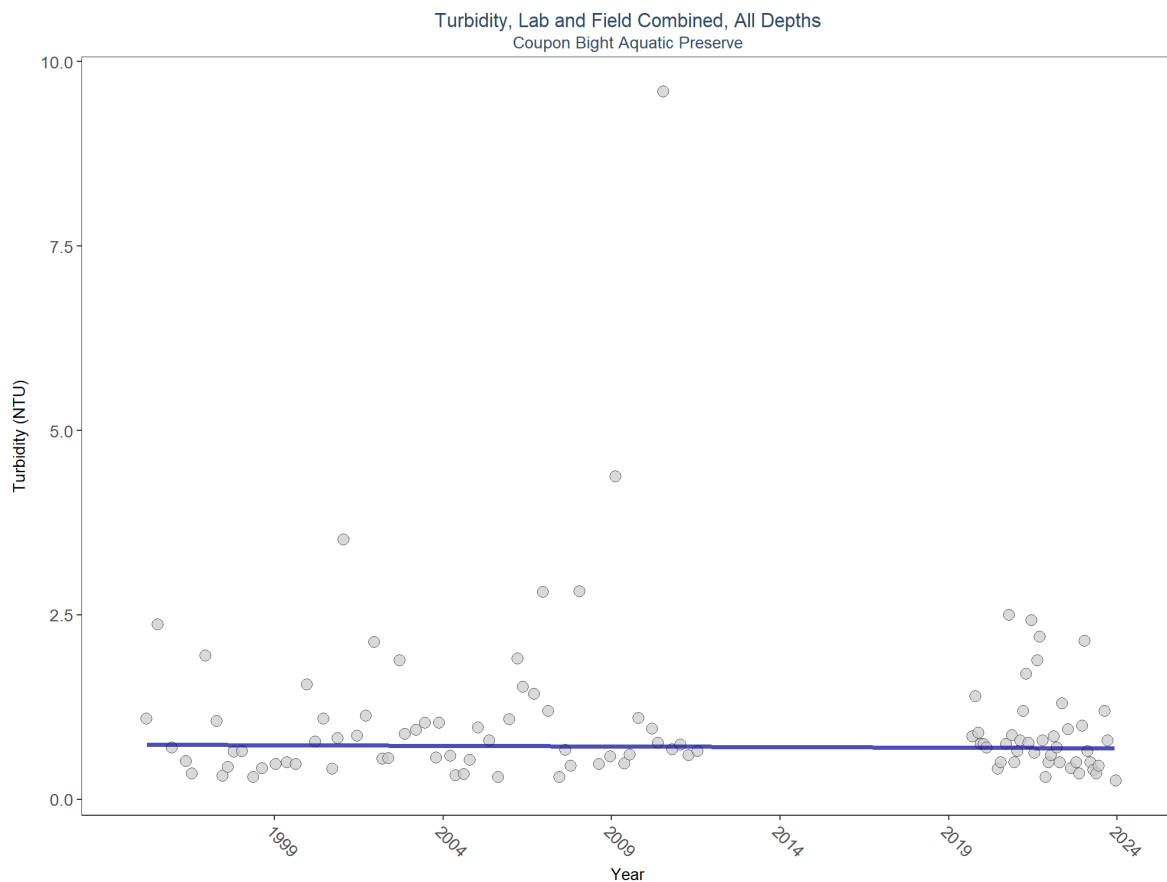
Total Phosphorus

Total Phosphorus, Lab, All Depths
Coupon Bight Aquatic Preserve

elativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Tren
All	151	22	0.00727883	TRUE	0.2037	0.0104	0.00008167167	0.006225148	5.6075	0.8982	1

p < 0.00005 appear as 0 due to rounding.

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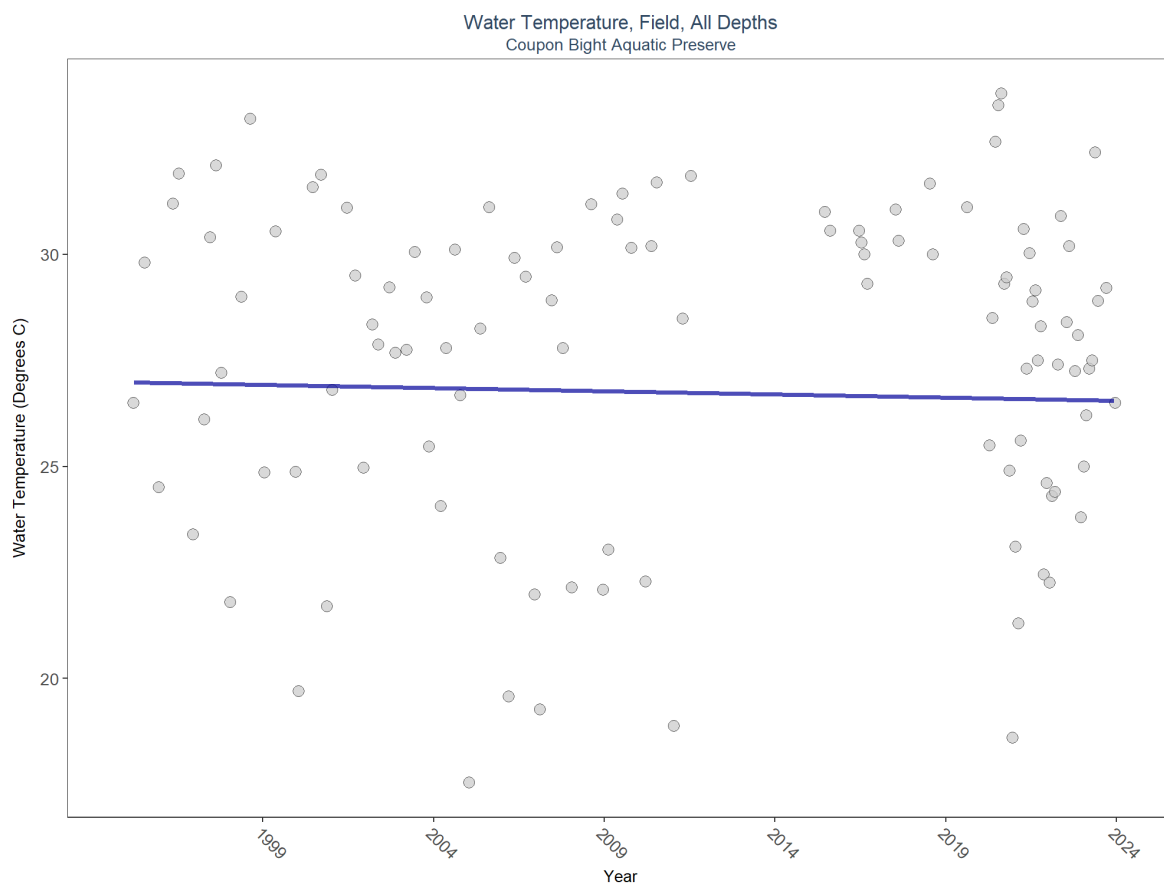
Turbidity

Turbidity, Lab and Field Combined, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	157	22	0.7	TRUE	-0.0472	0.7957	-0.00154945	0.7384046	12.5271	0.3253	0

p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location

Water Temperature

Water Temperature, Field, All Depths
Coupon Bight Aquatic Preserve

RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	210	26	28.41	TRUE	-0.0519	0.2861	-0.01507936	26.98062	15.4119	0.1644	0

p < 0.00005 appear as 0 due to rounding.

SennIntercept is intercept value at beginning of record for monitoring location