

Cape Haze Aquatic Preserve

SEACAR Discrete Water Quality Analysis

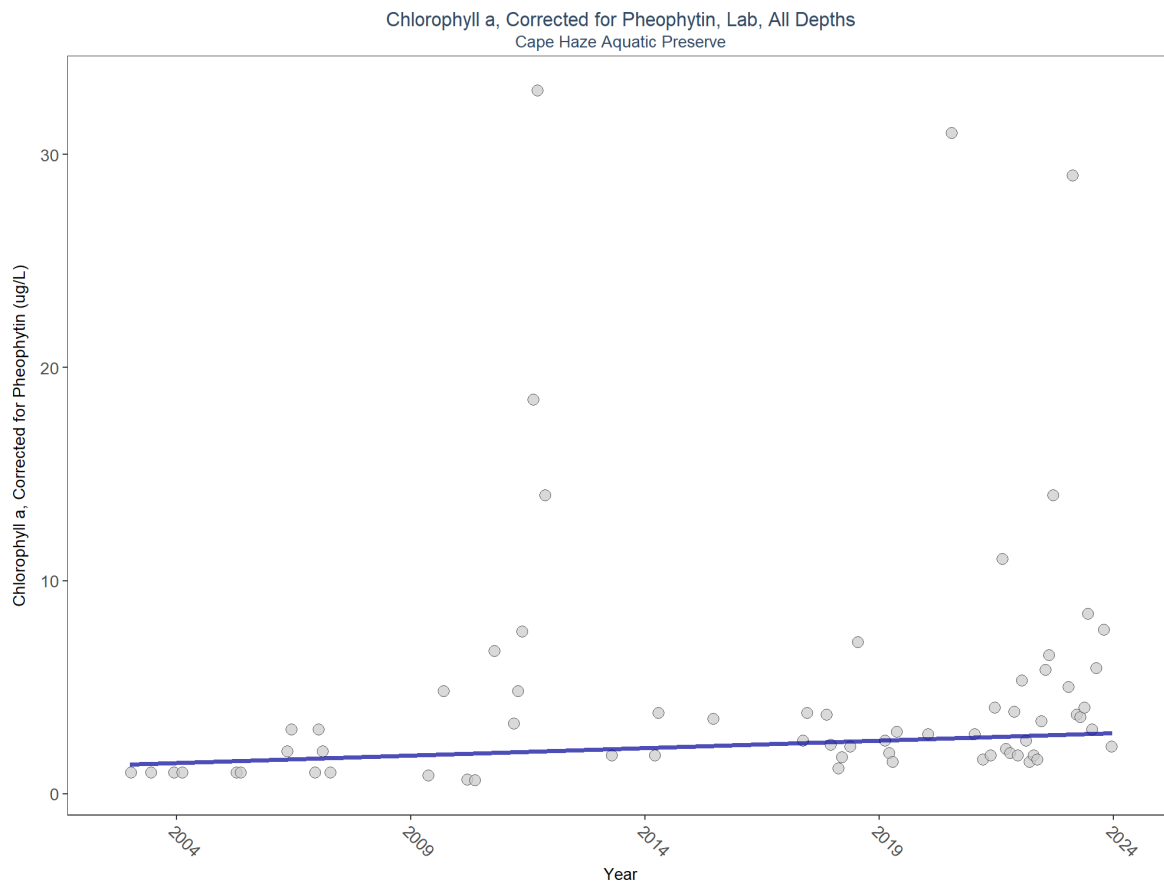
Last compiled on 26 June, 2024

Contents

Parameters	2
Chlorophyll a, Corrected for Pheophytin	2
Chlorophyll a, Uncorrected for Pheophytin	3
Dissolved Oxygen	4
pH	5
Salinity	6
Secchi Depth	7
Total Nitrogen	8
Total Phosphorus	9
Total Suspended Solids	10
Turbidity	11
Water Temperature	12

Parameters

Chlorophyll a, Corrected for Pheophytin

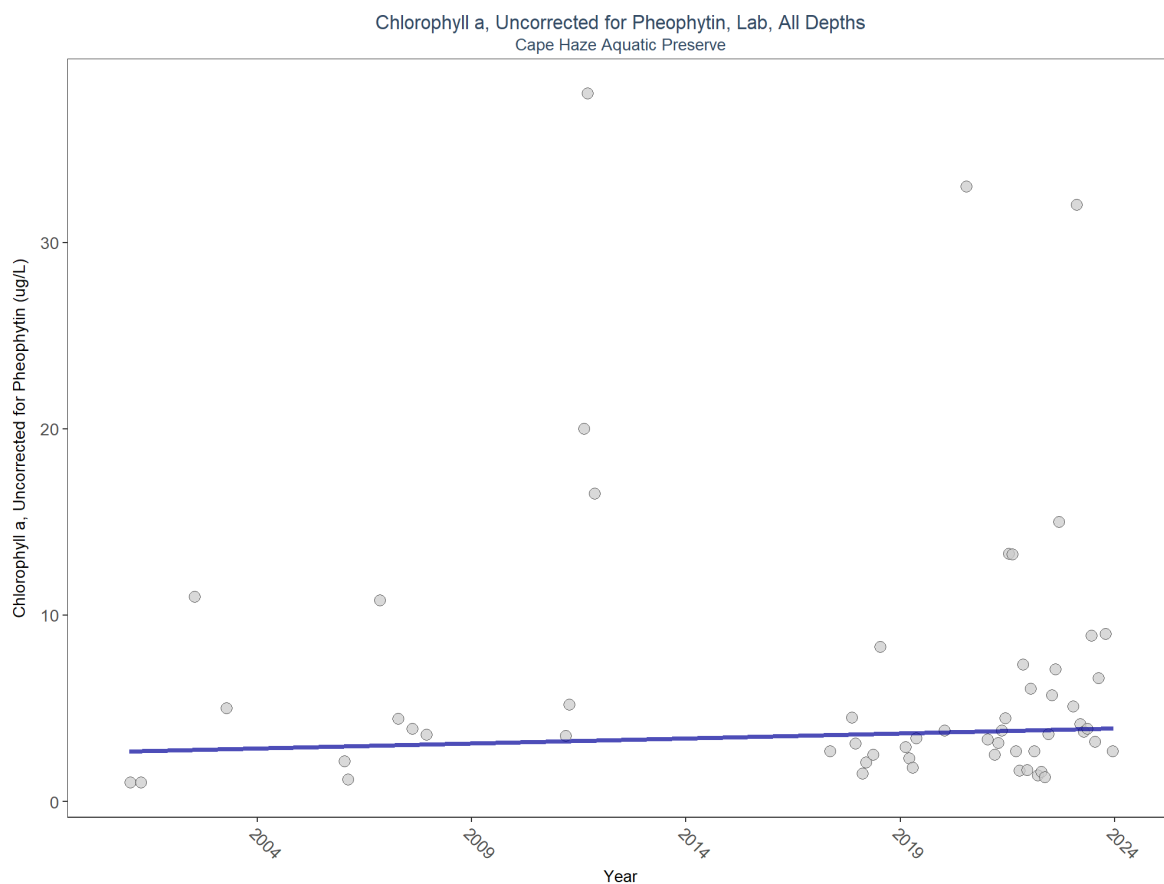


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	98	18	2.5	TRUE	0.2071	0.0133	0.07051287	1.368333	19.7091	0.0495	1

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

SennIntercept is intercept value at beginning of
record for monitoring location

Chlorophyll a, Uncorrected for Pheophytin

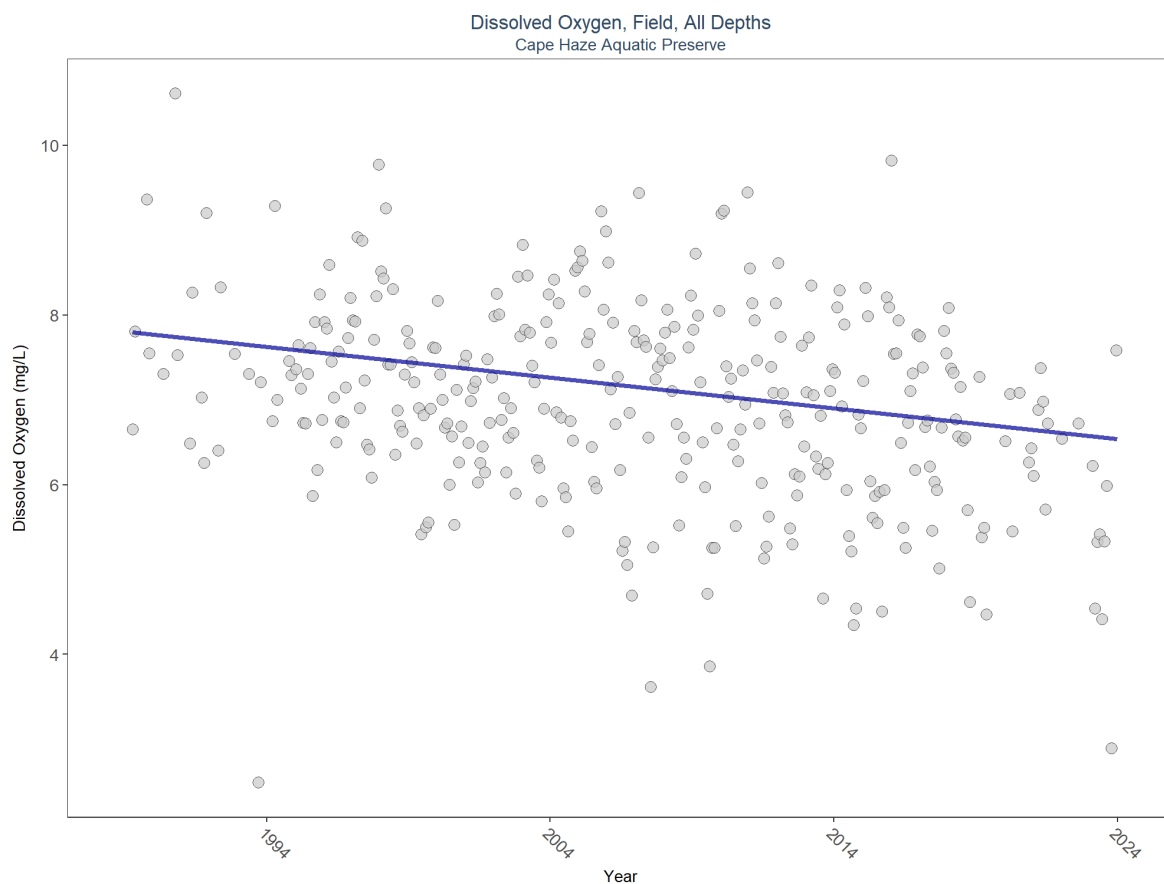


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	101	13	3.9	TRUE	0.0764	0.6038	0.05416667	2.679583	14.5574	0.2037	0

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

SennIntercept is intercept value at beginning of
record for monitoring location

Dissolved Oxygen

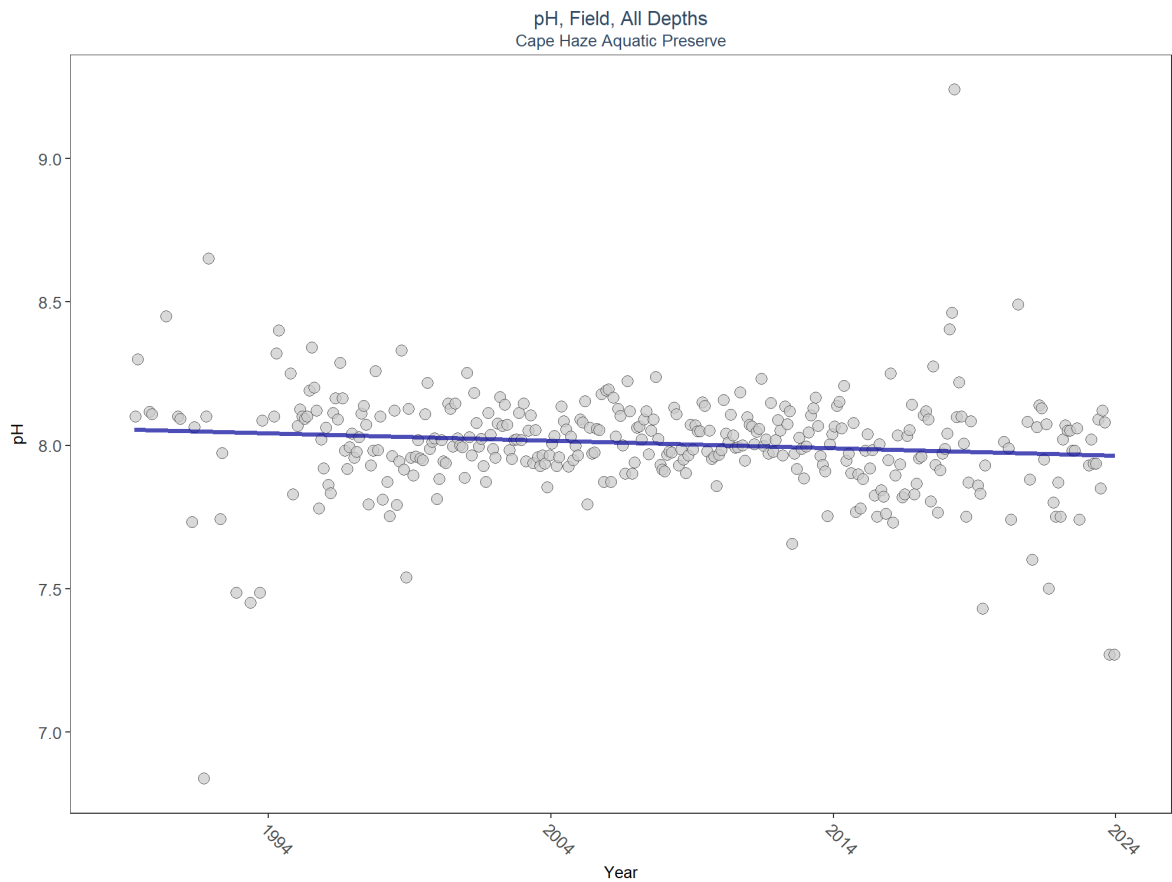


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	8283	35	6.9	TRUE	-0.2423	0.0000	-0.03629545	7.806335	9.1498	0.6081	-1

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

SennIntercept is intercept value at beginning of record for monitoring location

pH

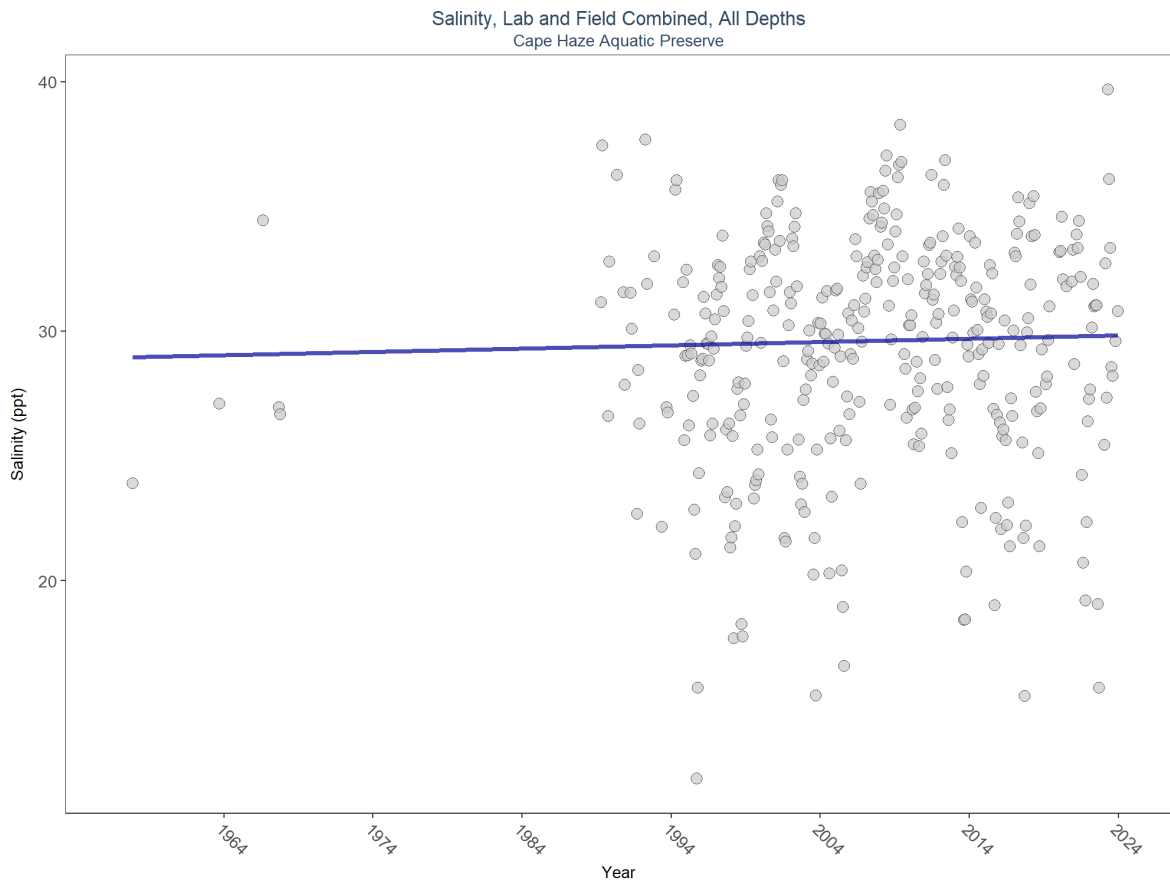


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	7871	35	8	TRUE	-0.1253	0.0011	-0.002646199	8.056444	10.9198	0.45	-1

p < 0.00005 appear as 0 due to rounding.

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

Salinity

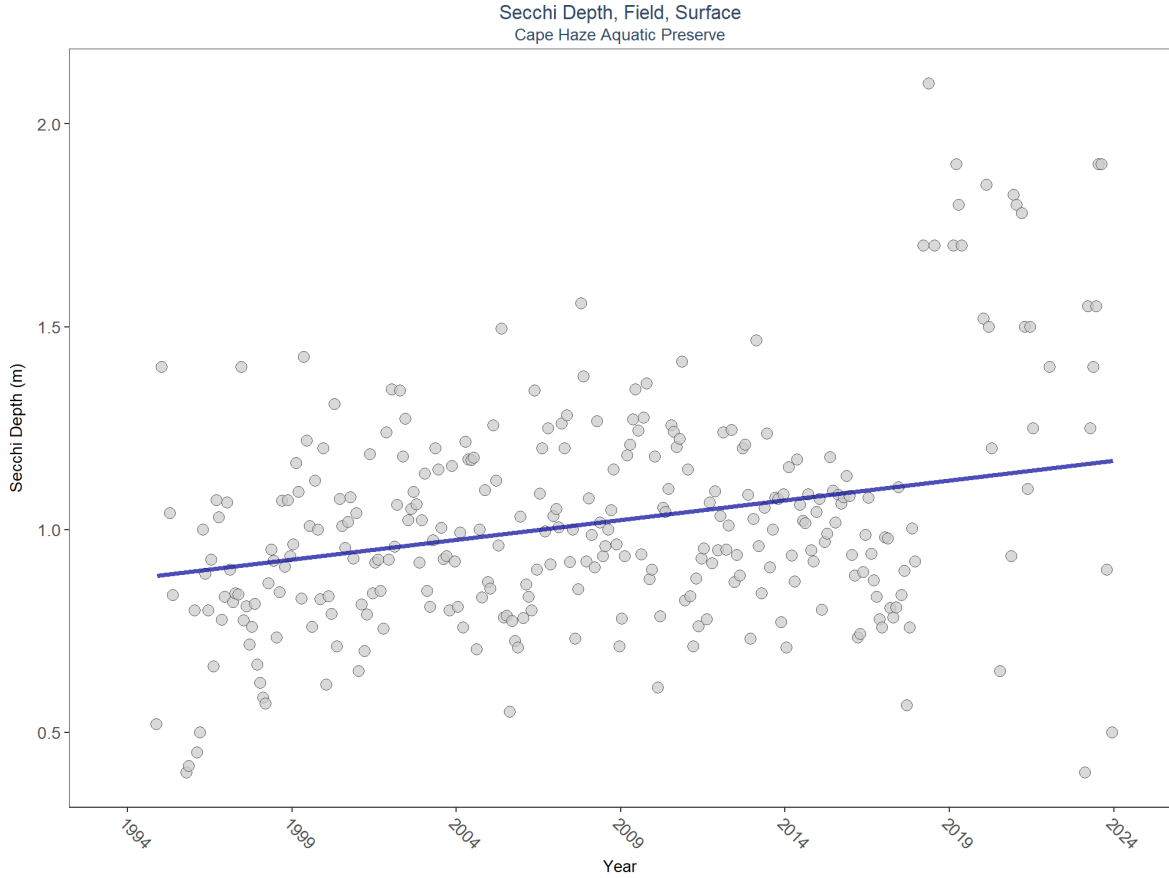


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	8585	39	30.1	TRUE	0.0206	0.5788	0.01298519	28.953	5.2905	0.9163	0

p < 0.00005 appear as 0 due to rounding.

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

Secchi Depth

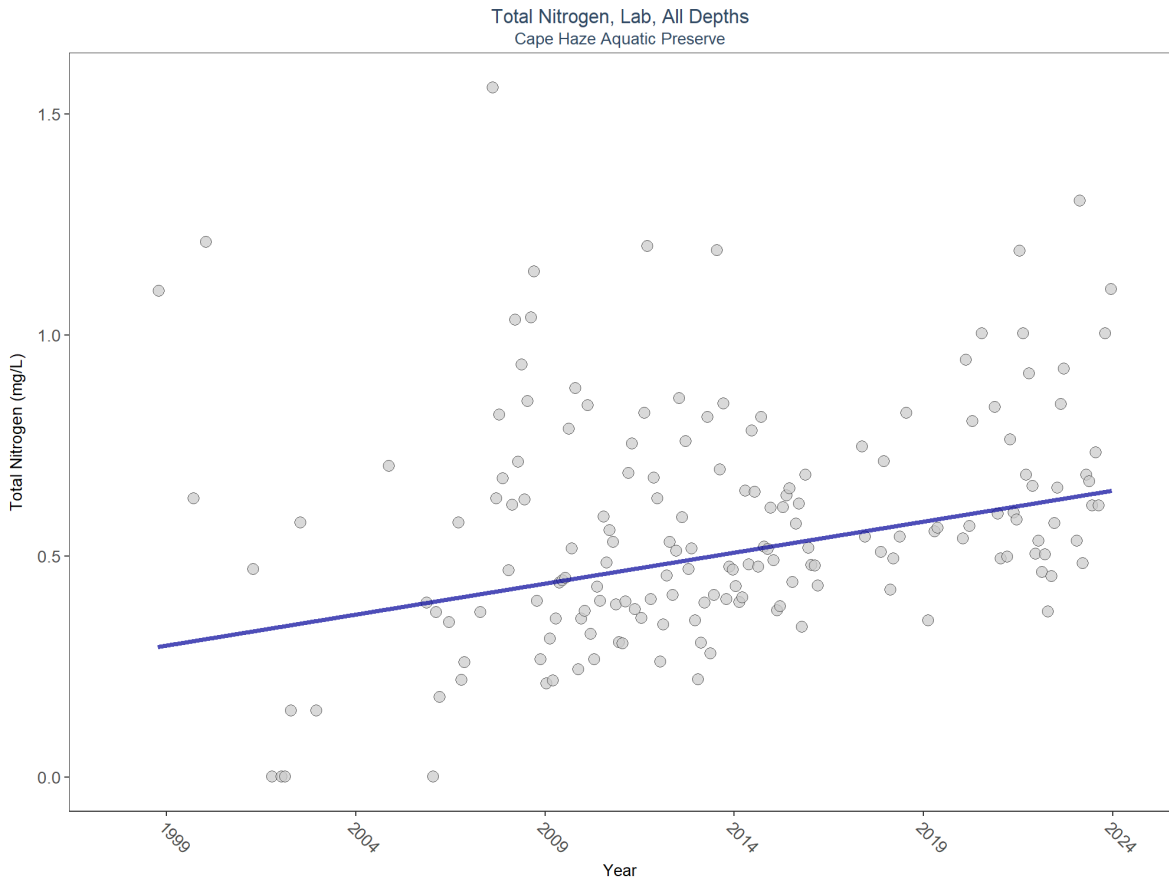


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
Surface	5727	30	0.9	TRUE	0.1952	0.0000	0.00974026	0.8779877	8.4383	0.6736	1

p < 0.00005 appear as 0 due to rounding.

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

Total Nitrogen

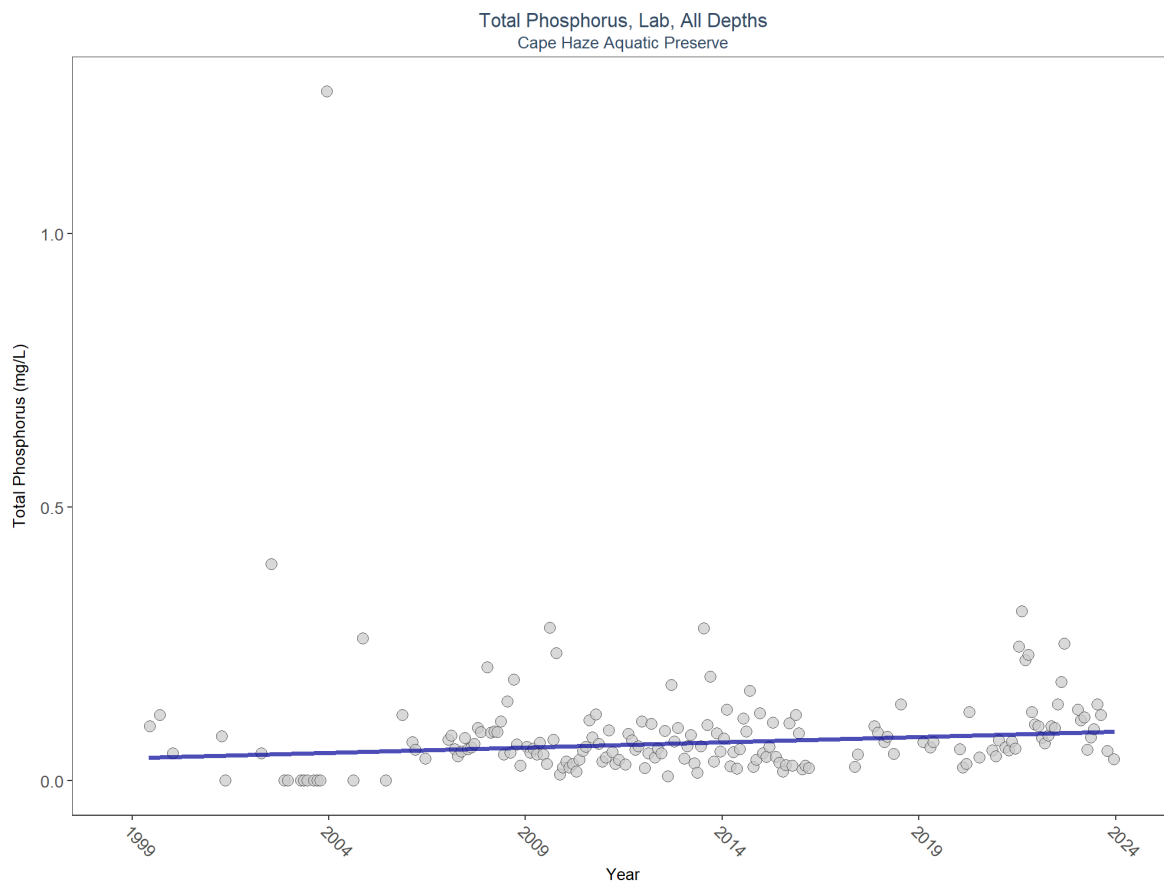


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	385	25	0.511	TRUE	0.2799	0.0000	0.014	0.2833467	9.8979	0.5396	1

p < 0.00005 appear as 0 due to rounding.

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

Total Phosphorus

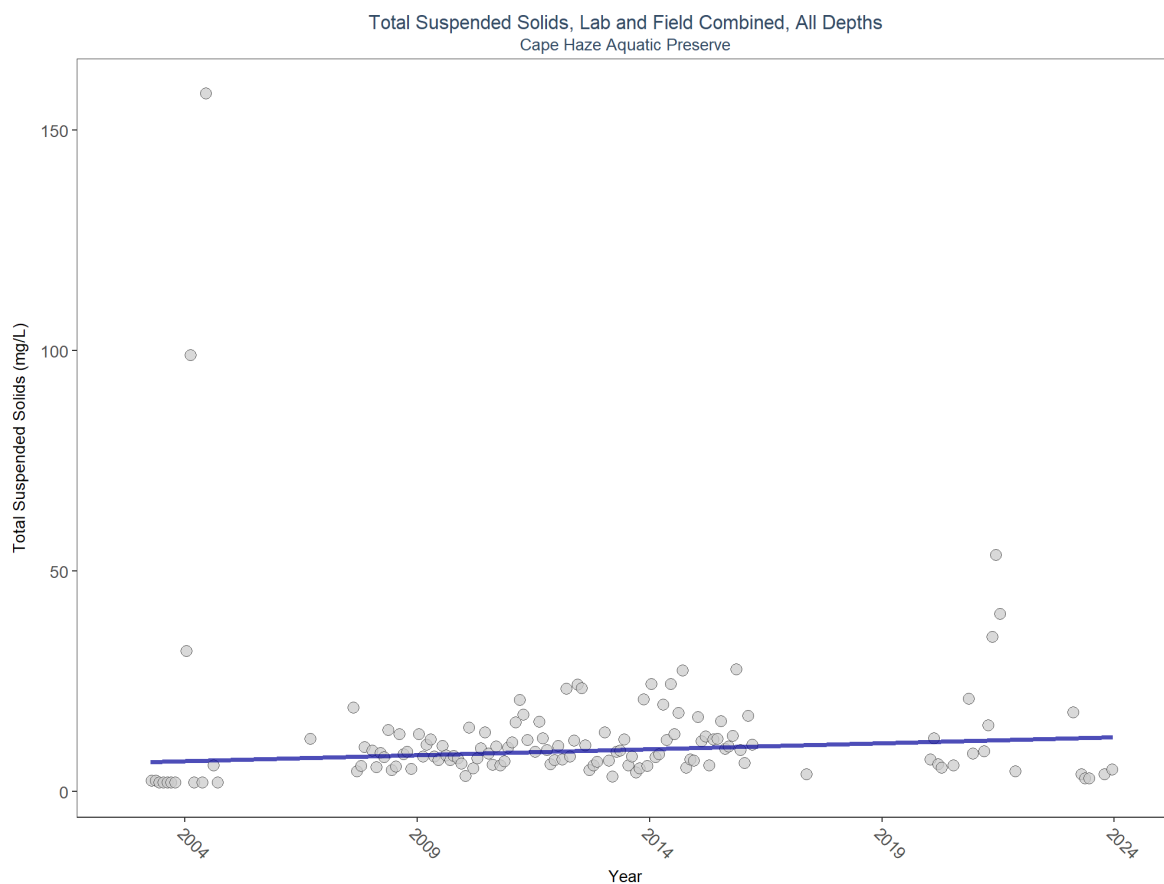


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	427	25	0.057	TRUE	0.1991	0.0003	0.0019	0.0419966	9.867	0.5424	1

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

SennIntercept is intercept value at beginning of record for monitoring location

Total Suspended Solids

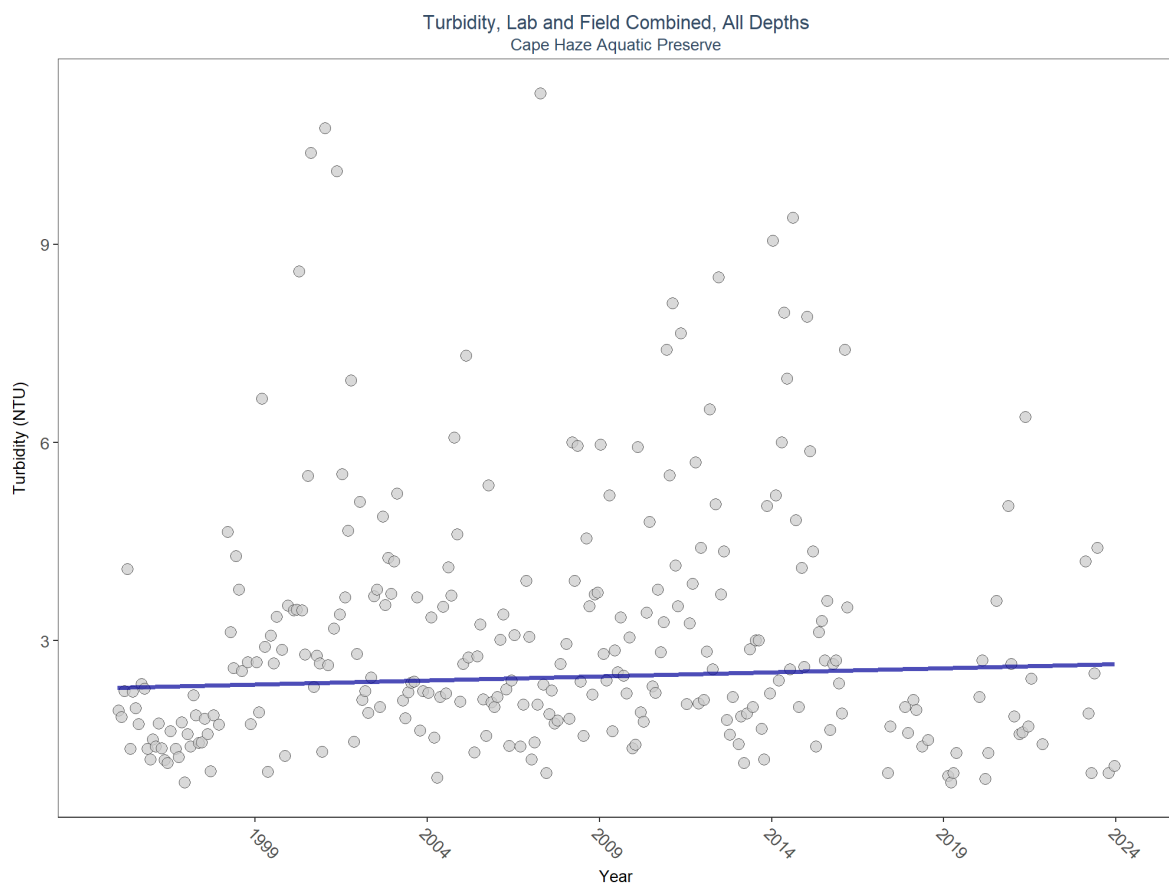


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	332	17	8.8	TRUE	0.1487	0.0205	0.2719583	6.638101	6.5588	0.8336	1

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

SennIntercept is intercept value at beginning of record for monitoring location

Turbidity

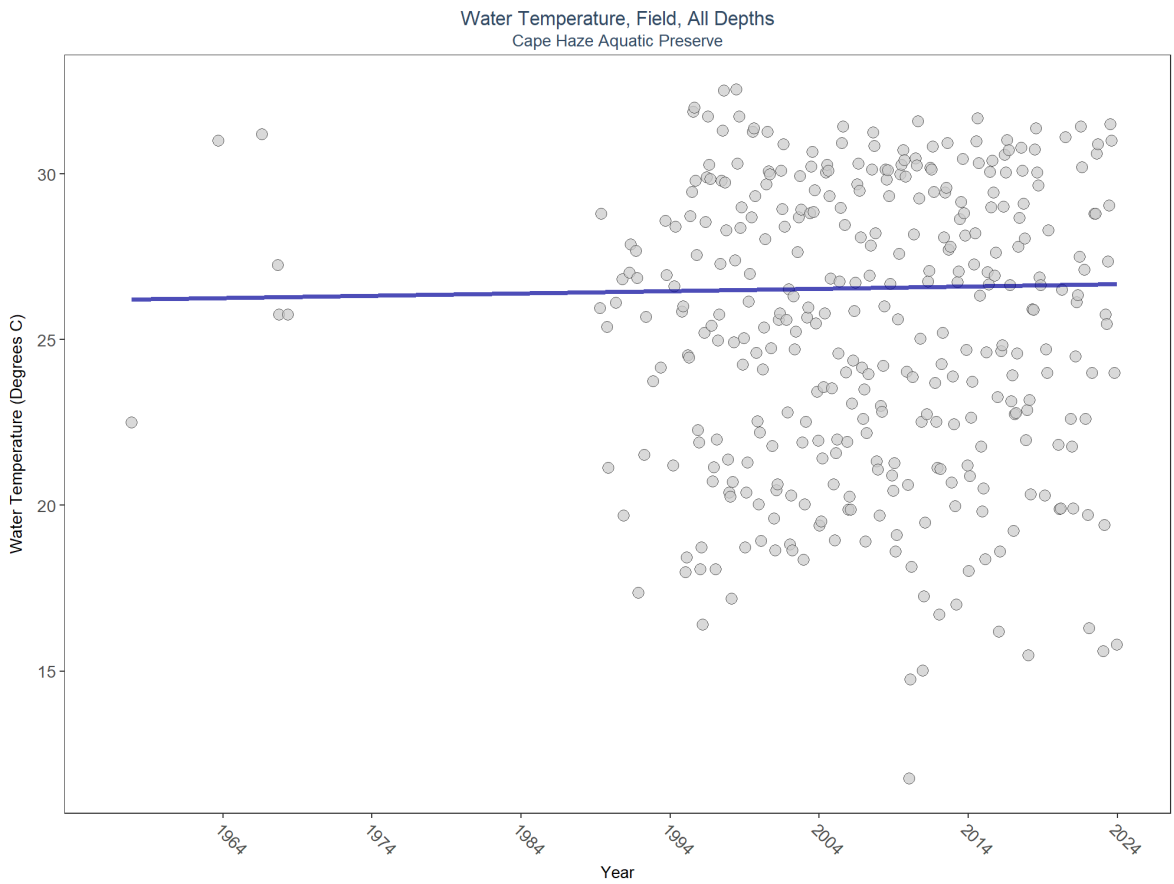


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	1644	28	2.2	TRUE	0.0478	0.3253	0.01214286	2.291792	15.05	0.1802	0

$p < 0.00005$ 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	8602	40	26.84	TRUE	0.0331	0.3454	0.006987374	26.20257	7.8406	0.7275	0

p < 0.00005 appear as 0 due to rounding.

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