

Rookery Bay Aquatic Preserve

SEACAR Discrete Water Quality Analysis

Last compiled on 26 June, 2024

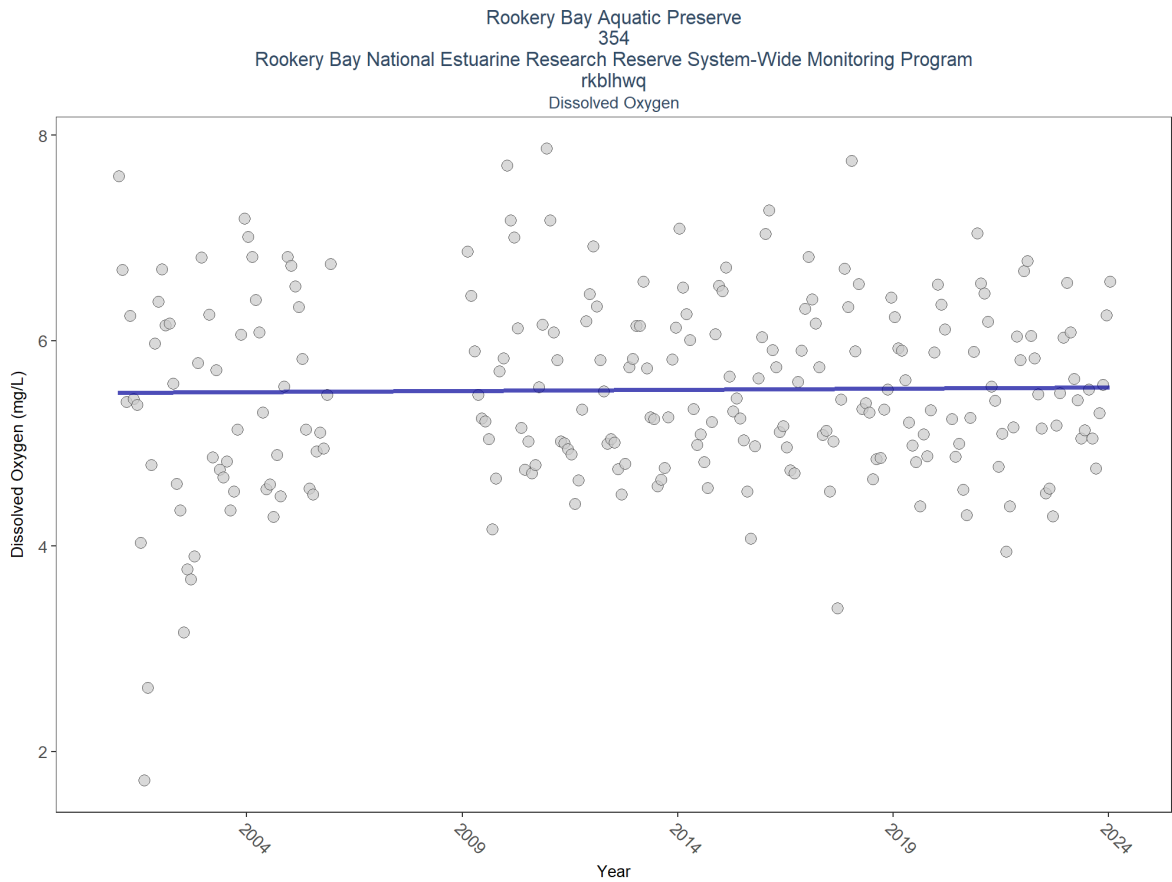
Contents

Parameters	2
Dissolved Oxygen	3
rkblhwq	3
Dissolved Oxygen Saturation	4
rkblhwq	4
pH	5
rkblhwq	5
Salinity	6
rkblhwq	6
Turbidity	7
rkblhwq	7
Water Temperature	8
rkblhwq	8

Parameters

Dissolved Oxygen

rkblhwq



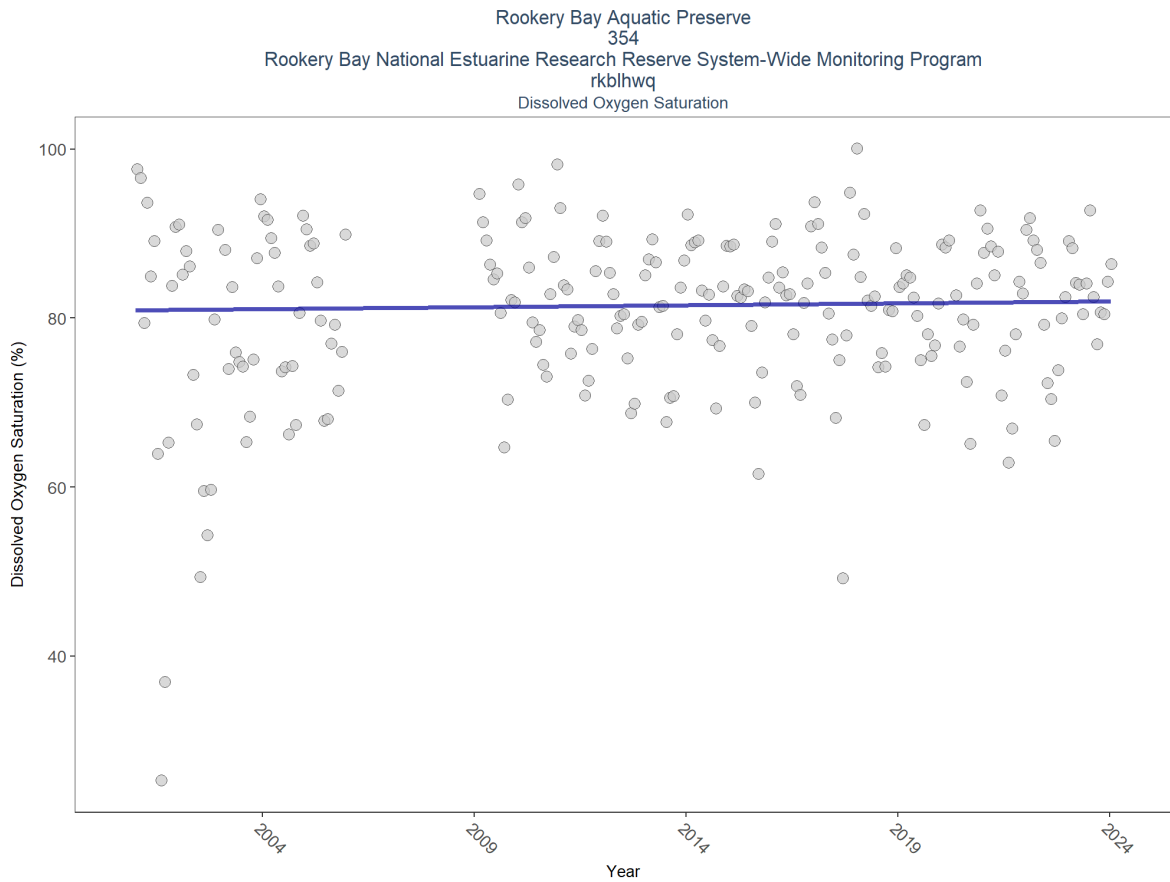
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	549144	21	5.5	TRUE	0.0191	0.6560	0.002343171	5.491005	20.7278	0.0363	0

p < 0.00005 appear as 0 due to rounding.

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

Dissolved Oxygen Saturation

rkbblhwq

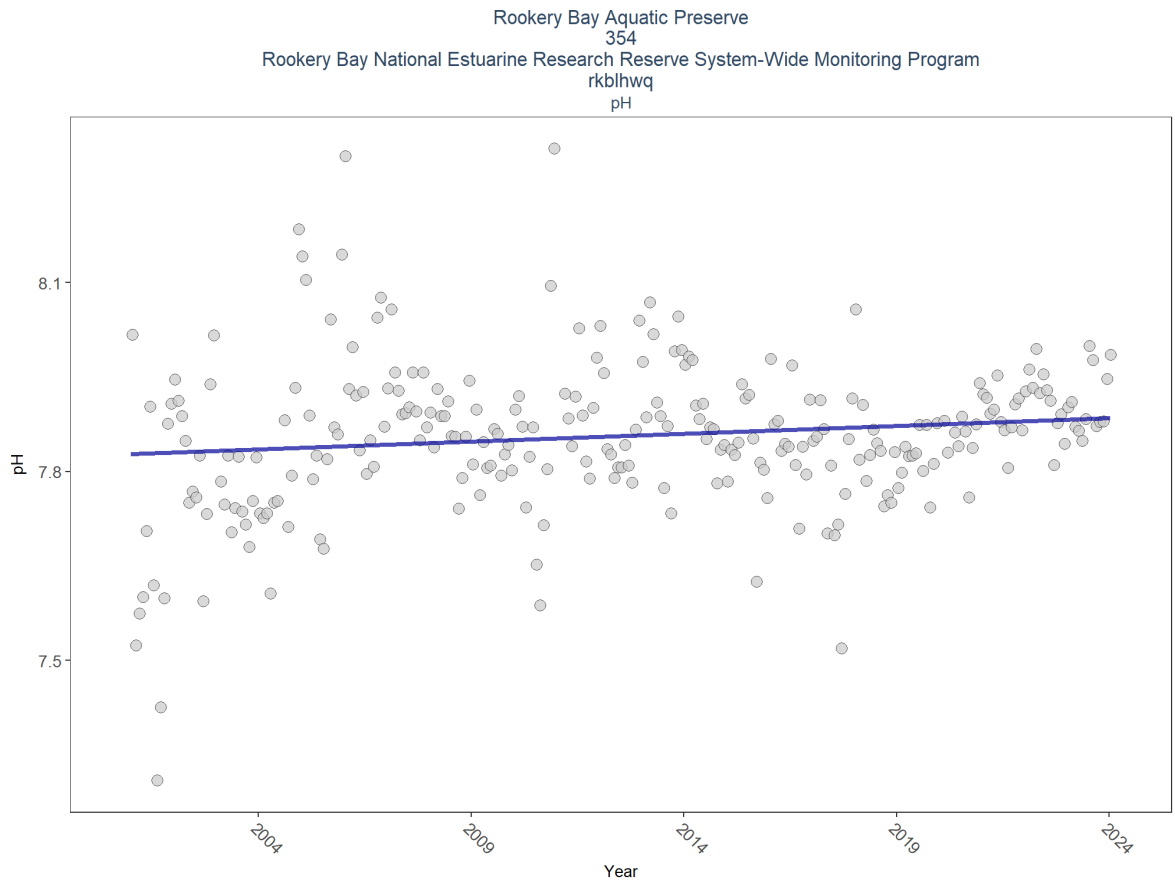


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	561462	21	81.9	TRUE	0.0411	0.3580	0.04493568	80.92275	23.55	0.0148	0

p < 0.00005 appear as 0 due to rounding.

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

pH
rkblhwq

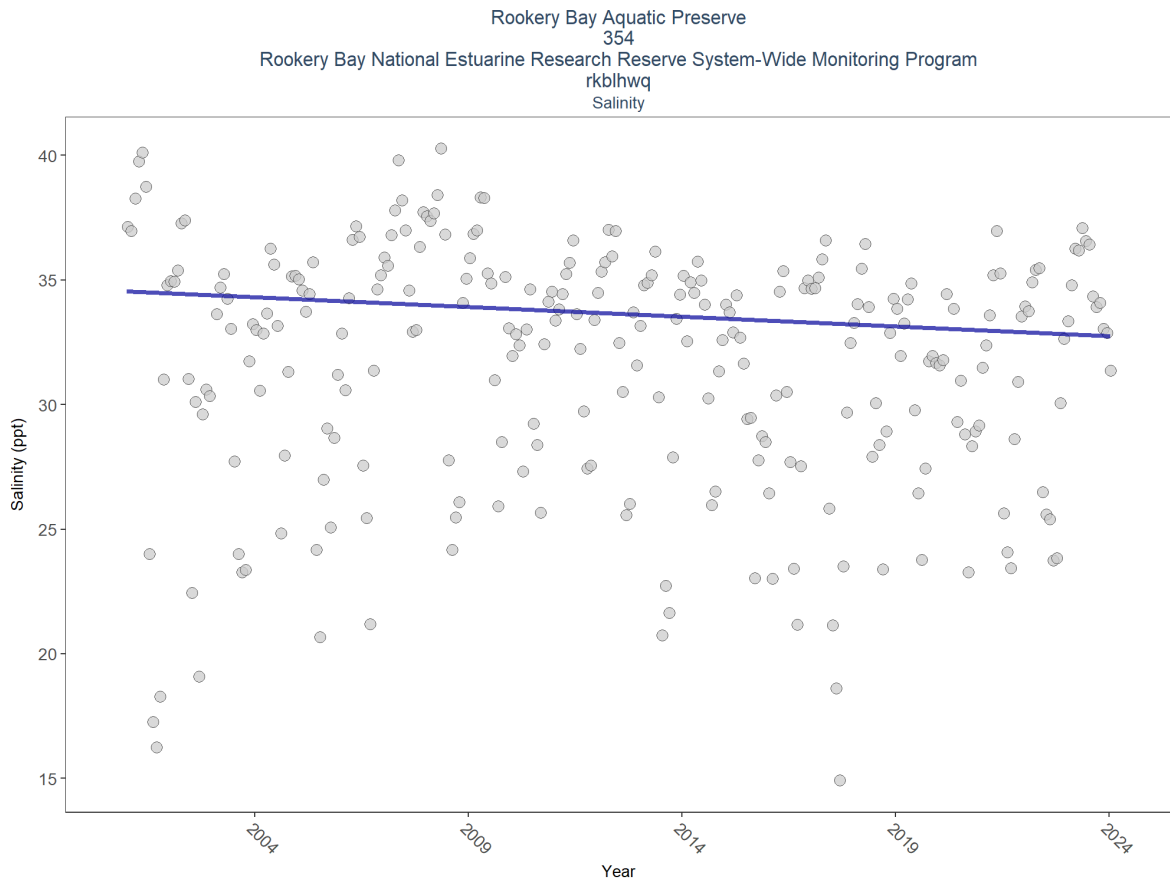


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	608282	24	7.9	TRUE	0.1249	0.0042	0.002492506	7.827925	17.0101	0.1076	1

p < 0.00005 appear as 0 due to rounding.

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

Salinity
rkblhwq



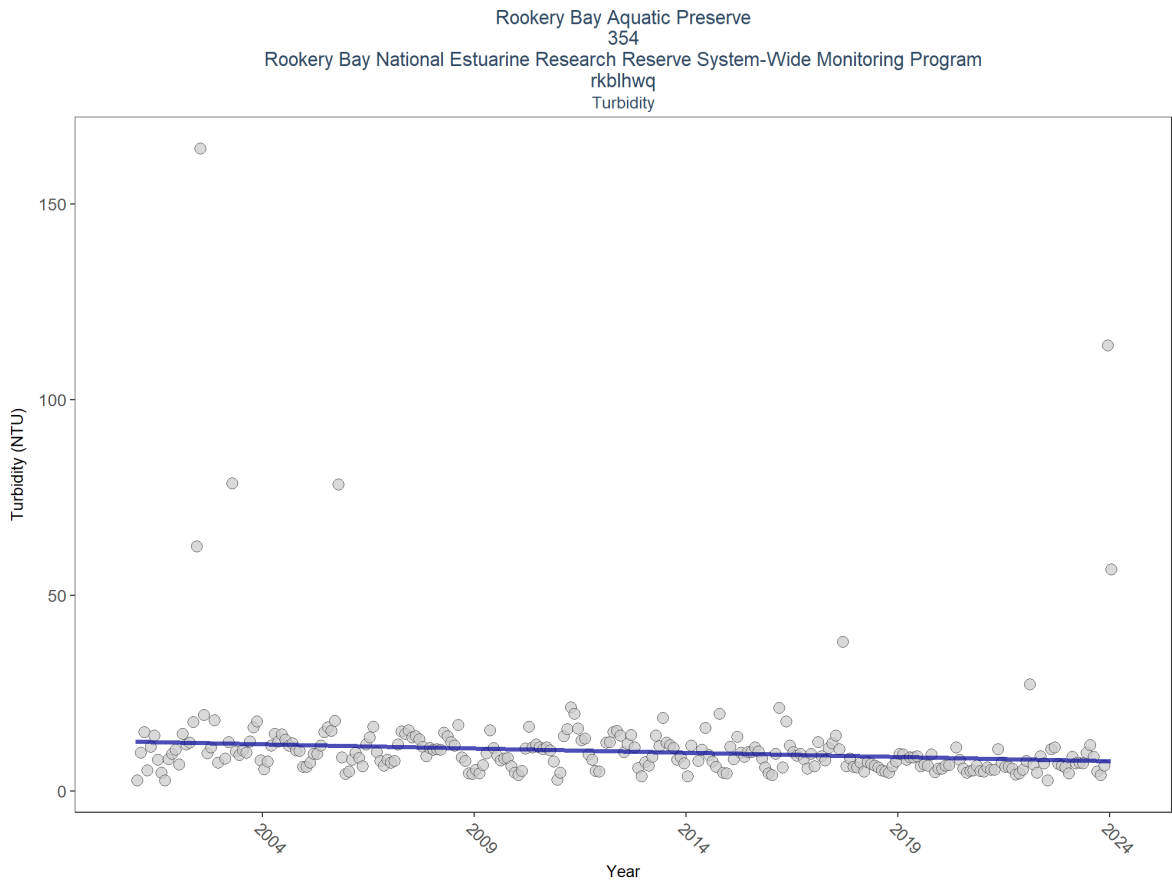
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	636295	24	33.2	TRUE	-0.123	0.0047	-0.07850985	34.55144	13.2828	0.2752	-1

p < 0.00005 appear as 0 due to rounding.

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

Turbidity

rkblhwq



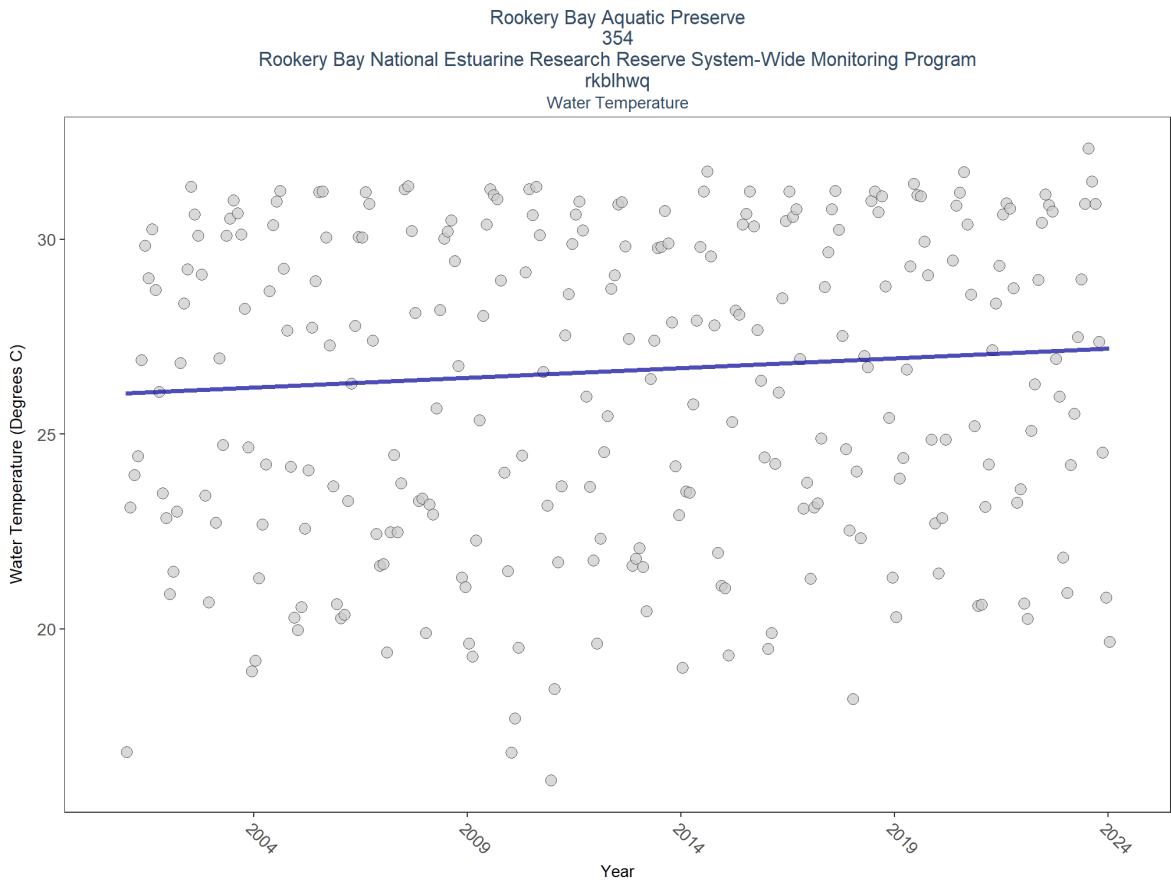
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	584581	24	8	TRUE	-0.2727	0.0000	-0.218188	12.58489	18.8811	0.0633	-1

p < 0.00005 appear as 0 due to rounding.

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

Water Temperature

rkblhwq



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	667447	24	26.9	TRUE	0.2336	0.0000	0.04982675	26.05359	4.8776	0.9369	1

p < 0.00005 appear as 0 due to rounding.

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