

Lignumvitae Key Aquatic Preserve

SEACAR Discrete Water Quality Analysis

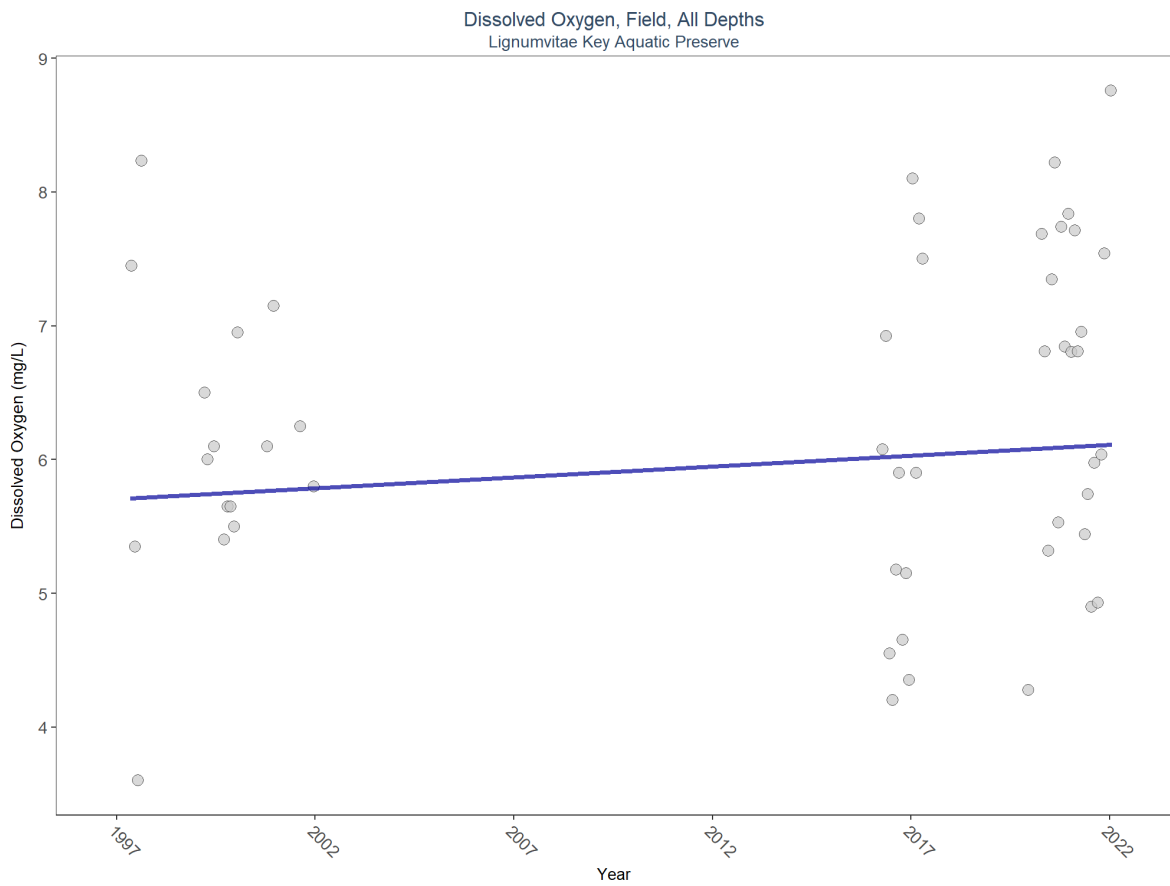
Last compiled on 26 June, 2024

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Parameters

Dissolved Oxygen

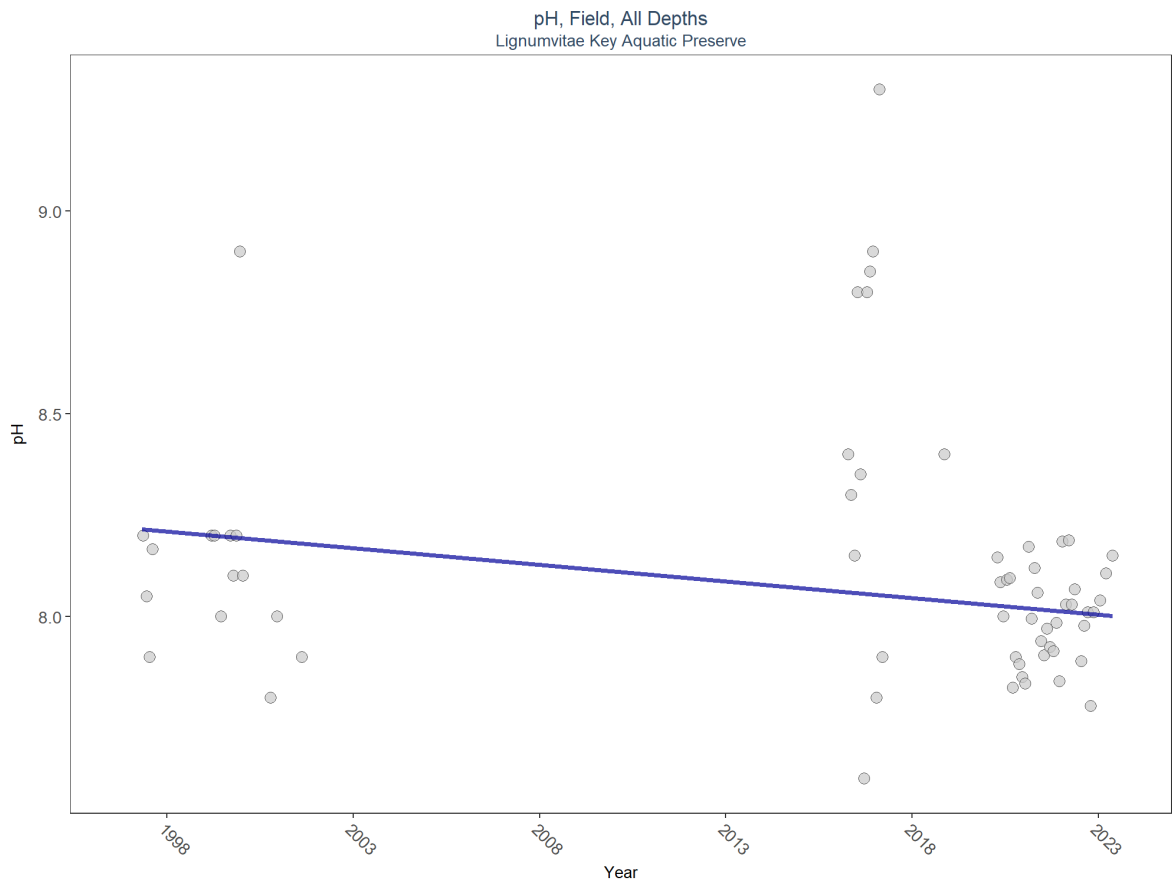


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	215	10	6.79	TRUE	0.1163	0.6158	0.01625	5.705917	12.6905	0.314	0

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

SennIntercept is intercept value at beginning of record for monitoring location

pH

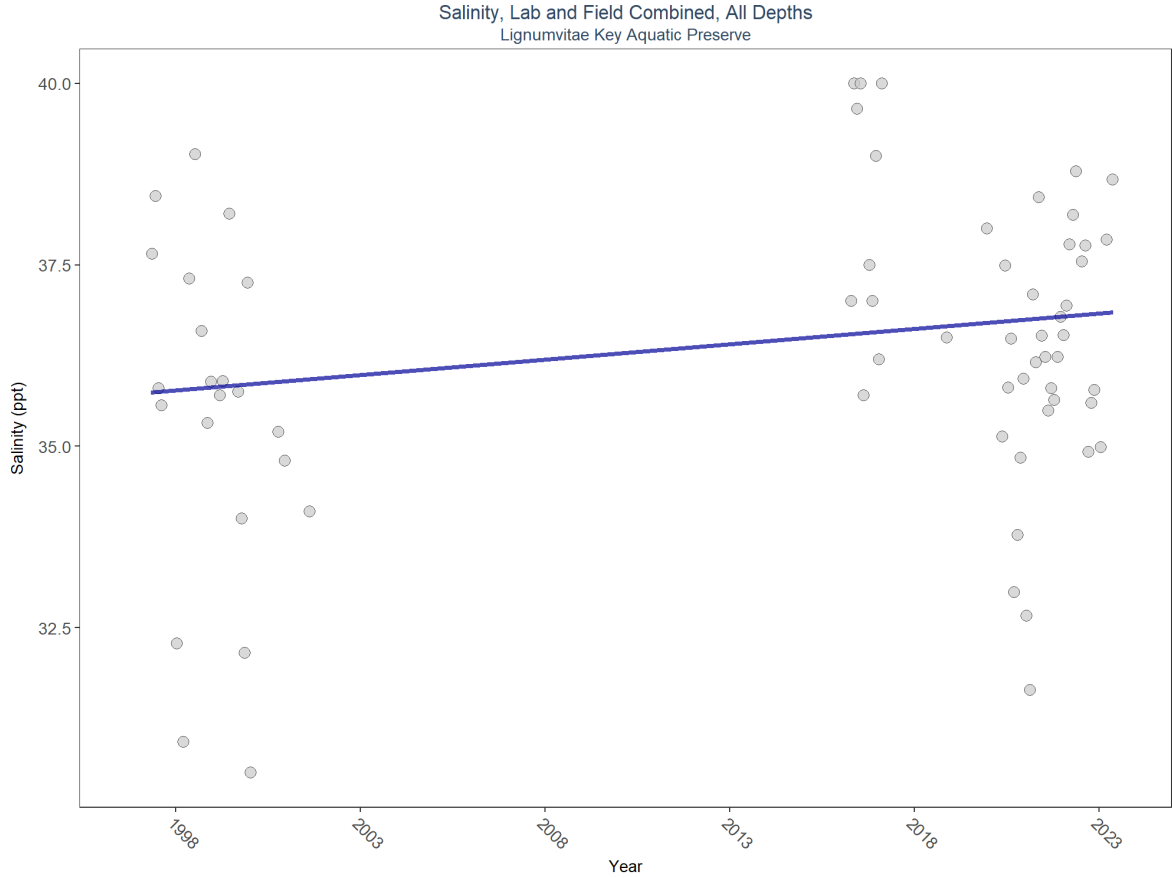


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	265	11	8.07	TRUE	-0.3258	0.0086	-0.008194444	8.2186	7.1896	0.7835	-1

p < 0.00005 appear as 0 due to rounding.

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

Salinity

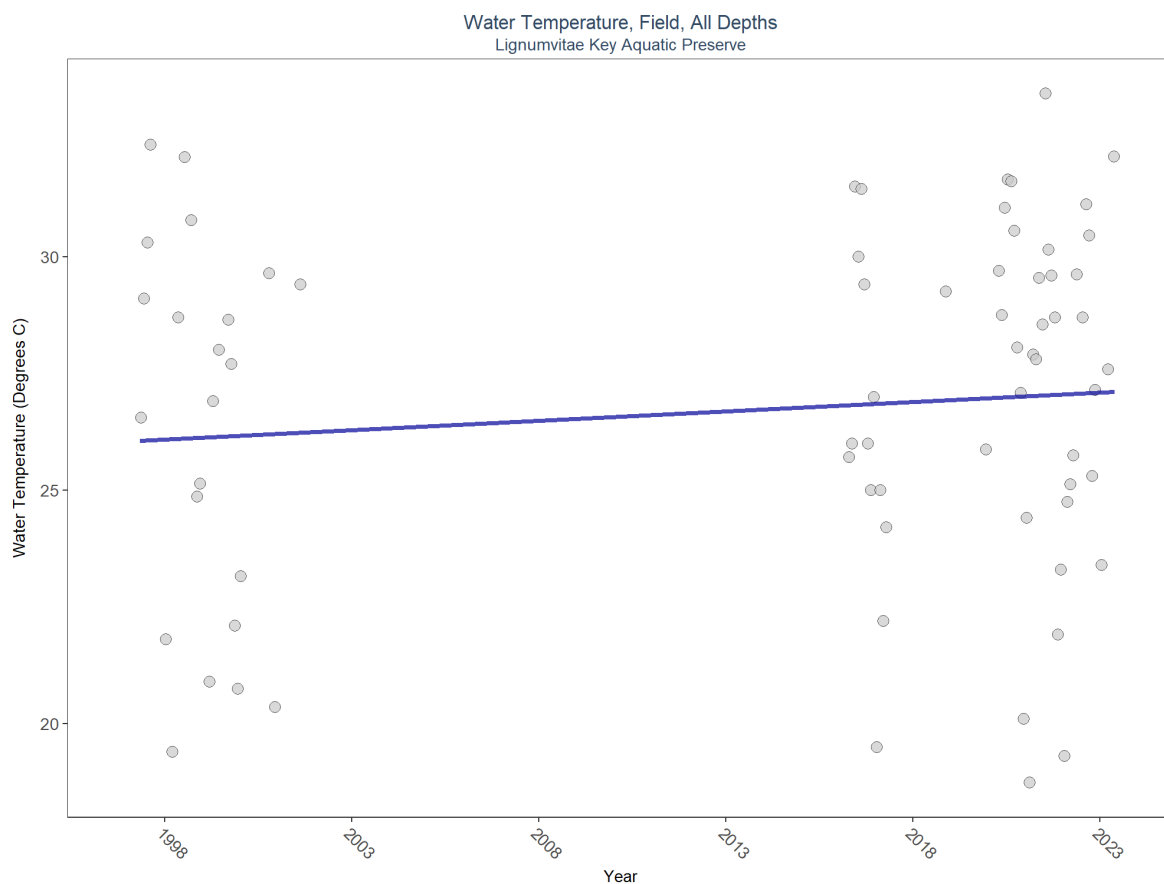


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
All	244	13	36.23	TRUE	0.1891	0.0777	0.04251431	35.72409	13.1767	0.2819	0

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	275	13	27.9	TRUE	0.1146	0.2006	0.04	26.04792	11.4975	0.4026	0

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

SennIntercept is intercept value at beginning of record for monitoring location