

Indian River-Malabar to Vero Beach Aquatic Preserve
SEACAR Discrete Water Quality Analysis

Last compiled on 26 June, 2024

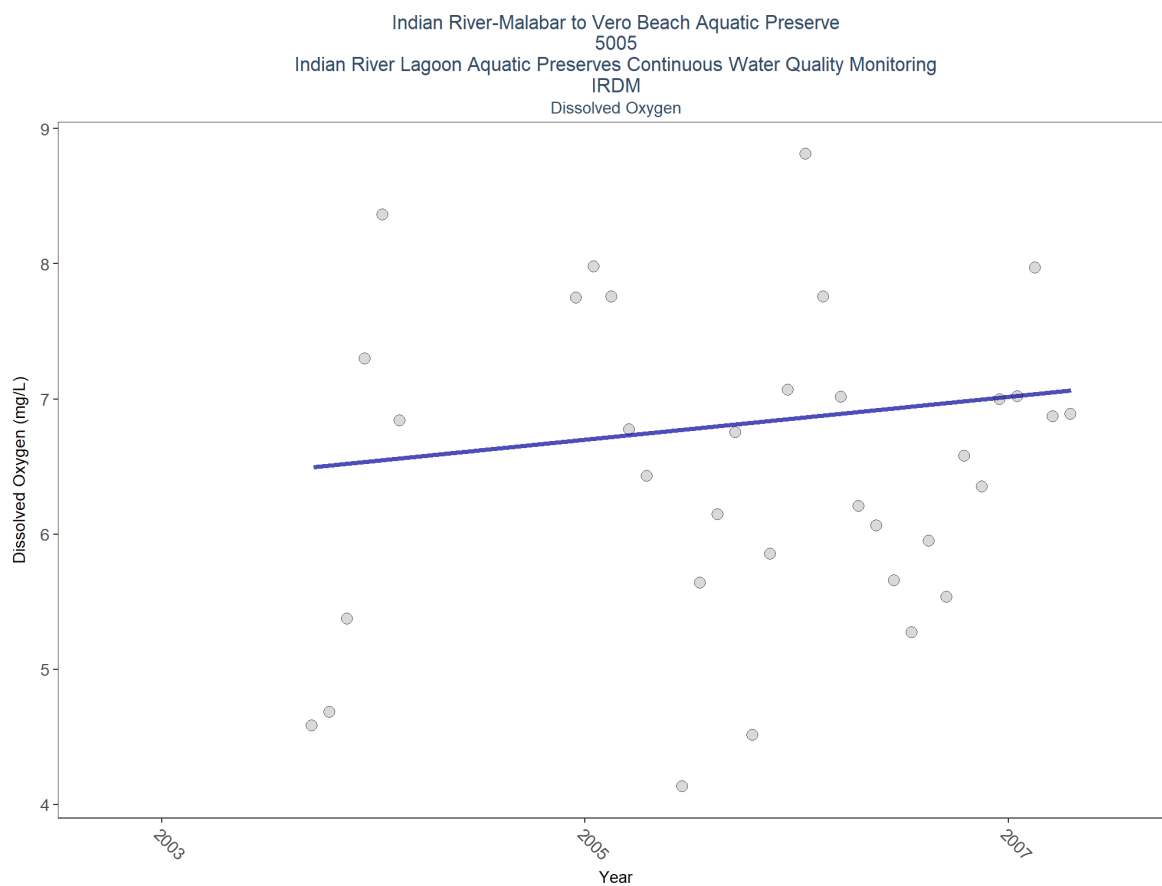
Contents

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

Parameters

Dissolved Oxygen

IRDM



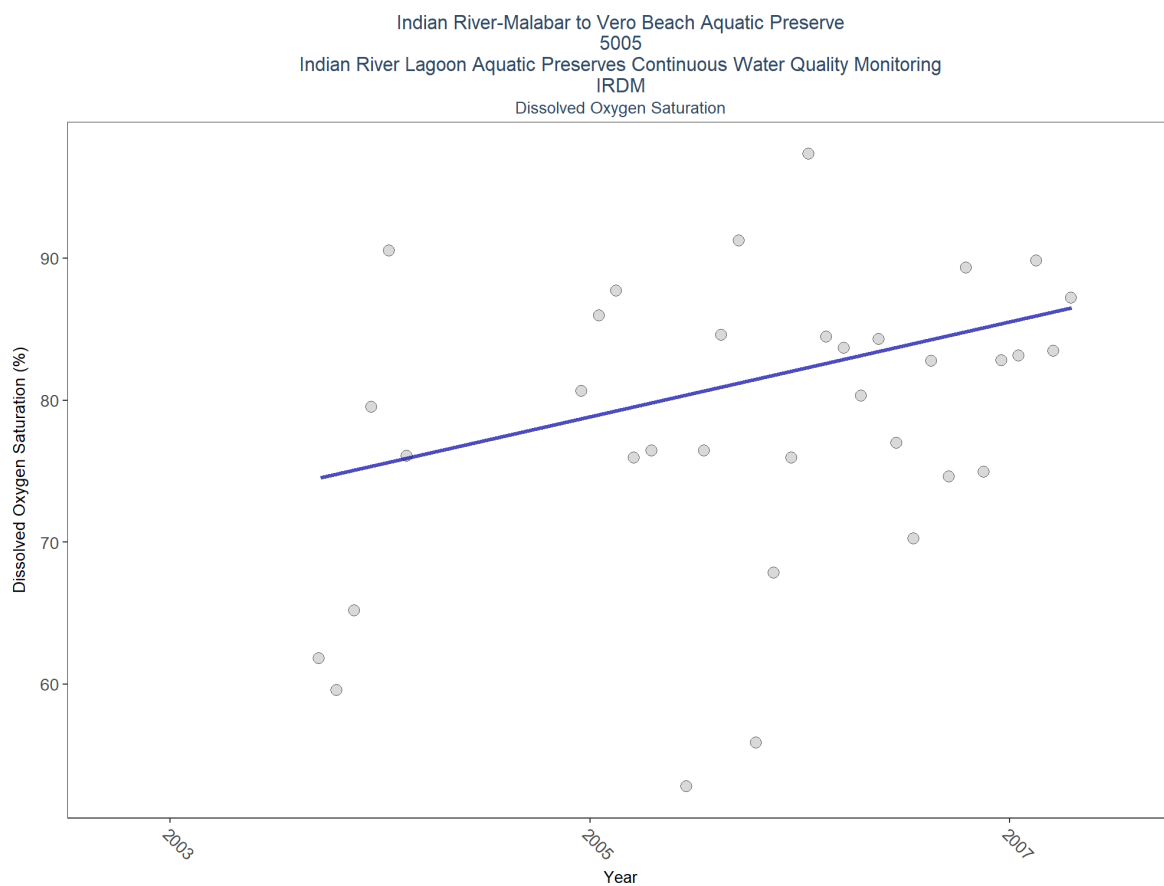
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	39746	5	6.5	TRUE	0.1515	0.4674	0.1586875	6.380433	12.3659	0.2613	0

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

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

Dissolved Oxygen Saturation

IRDM



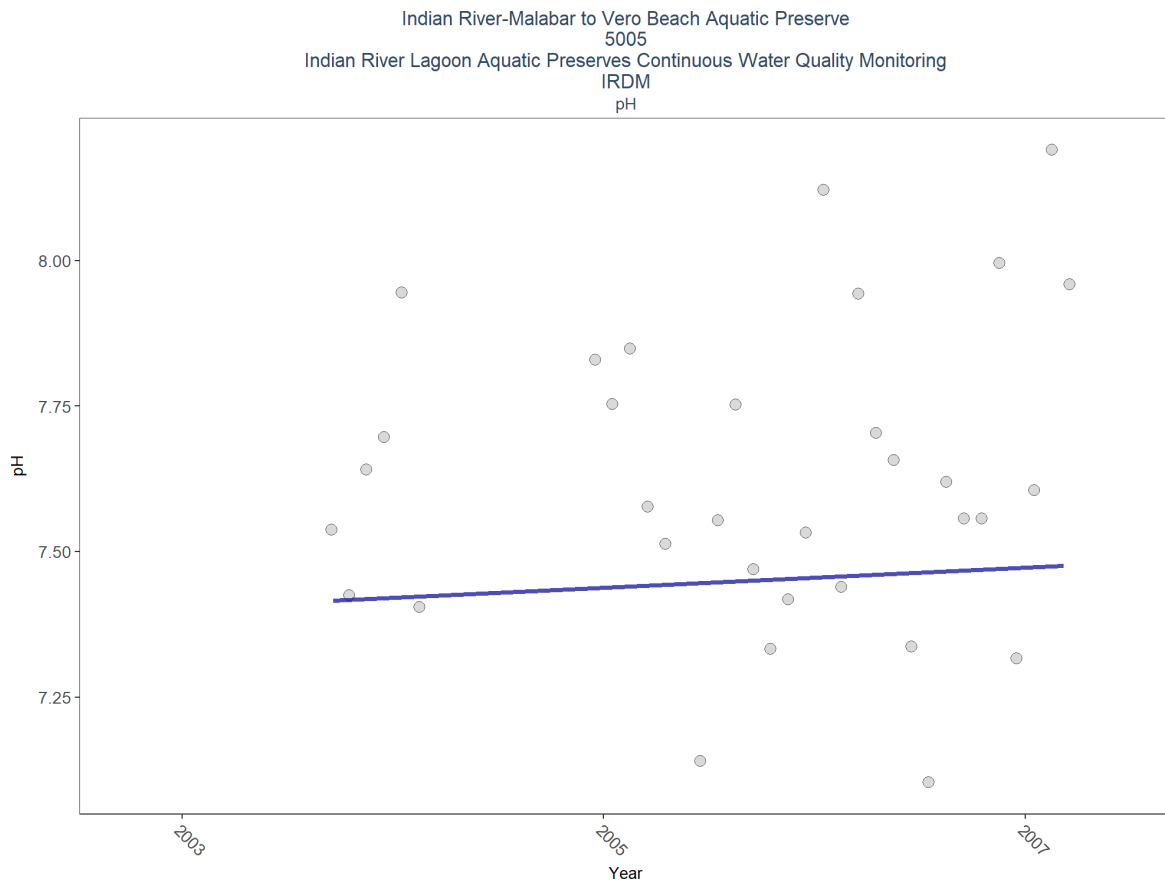
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	39746	5	77.7	TRUE	0.2929	0.1099	3.336711	72.16269	9.17	0.5161	0

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

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

pH

IRDM



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	38184	5	7.6	TRUE	0.1458	0.6535	0.01711302	7.403957	10.8791	0.367	0

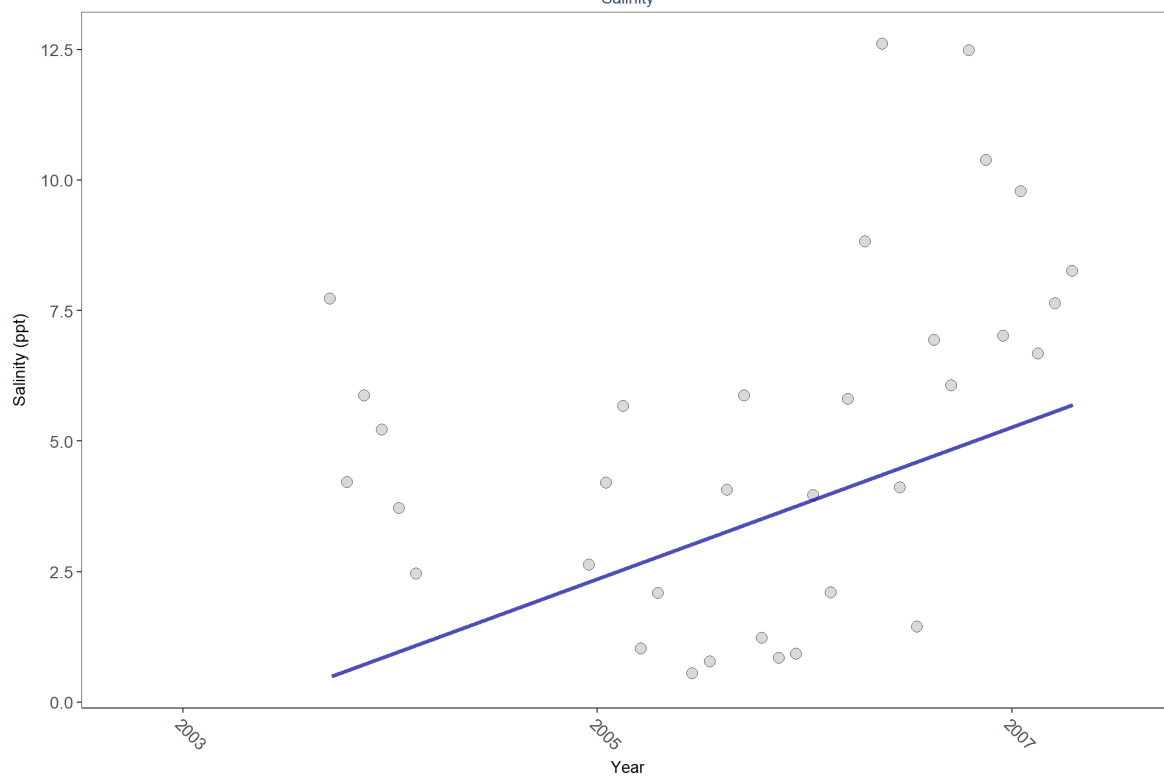
$p < 0.00005$ appear as 0 due to rounding.

SennIntercept is intercept value at beginning of
record for monitoring location

Salinity

IRDM

Indian River-Malabar to Vero Beach Aquatic Preserve
5005
Indian River Lagoon Aquatic Preserves Continuous Water Quality Monitoring
IRDM
Salinity

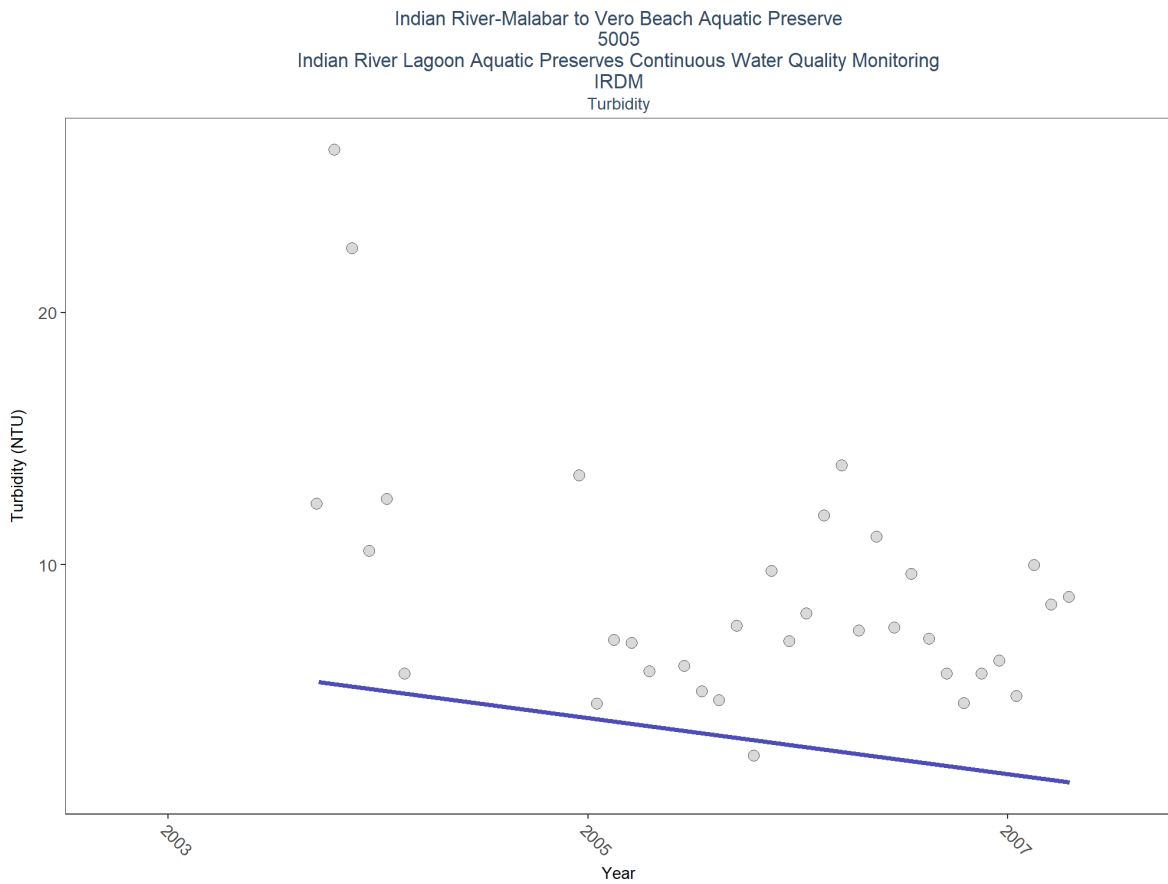


RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	43791	5	3.9	TRUE	0.4545	0.0588	1.452301	-0.5491935	3.5339	0.9659	0

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

SennIntercept is intercept value at beginning of
record for monitoring location

Turbidity
IRDM



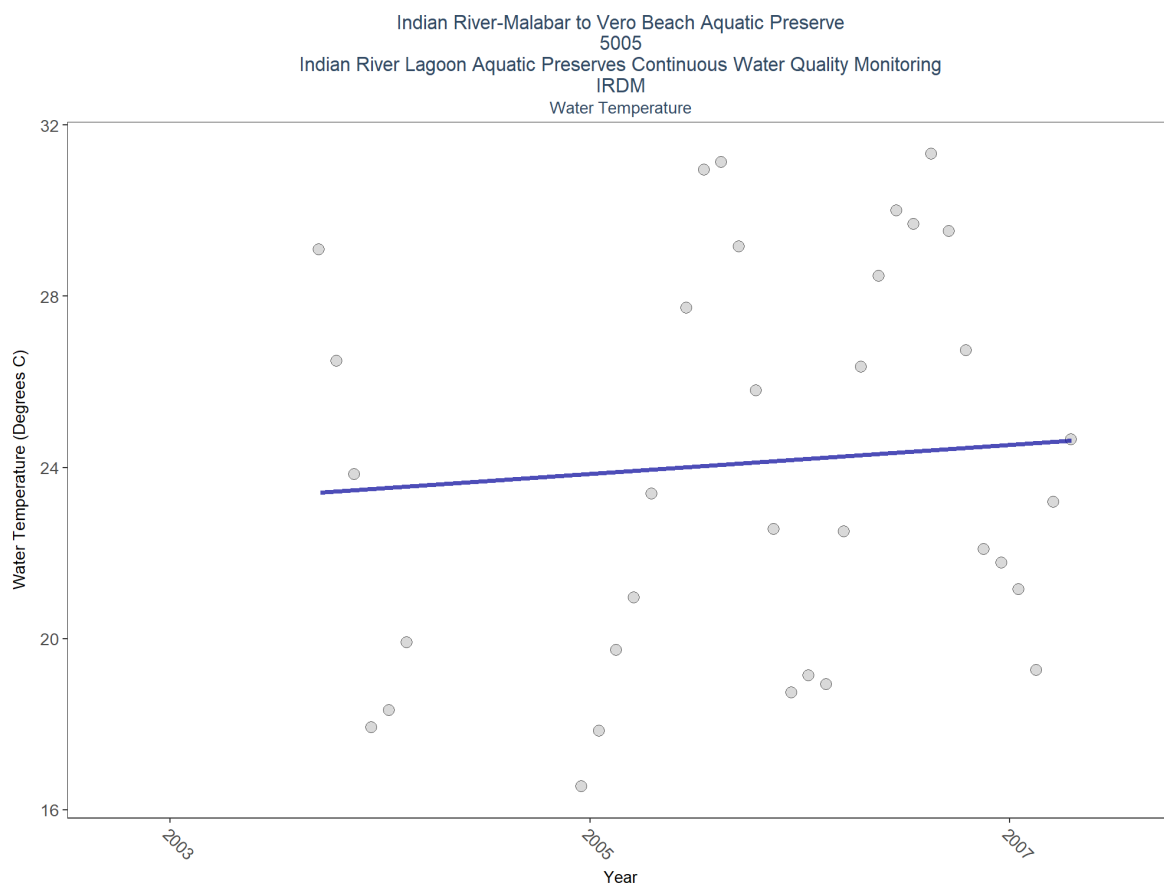
RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	39124	5	5	TRUE	0.0505	0.8844	-1.112982	6.134734	15.0113	0.1317	0

p < 0.00005 appear as 0 due to rounding.

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

Water Temperature

IRDM



RelativeDepth	N_Data	N_Years	Median	Independent	tau	p	SennSlope	SennIntercept	ChiSquared	pChiSquared	Trend
bottom	43791	5	23.5	TRUE	0.2929	0.1908	0.3408025	23.16665	14.2021	0.164	0

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

SennIntercept is intercept value at beginning of record for monitoring location