

SEAGRASS Evaluation

Indian River Lagoon

March 2, 2012

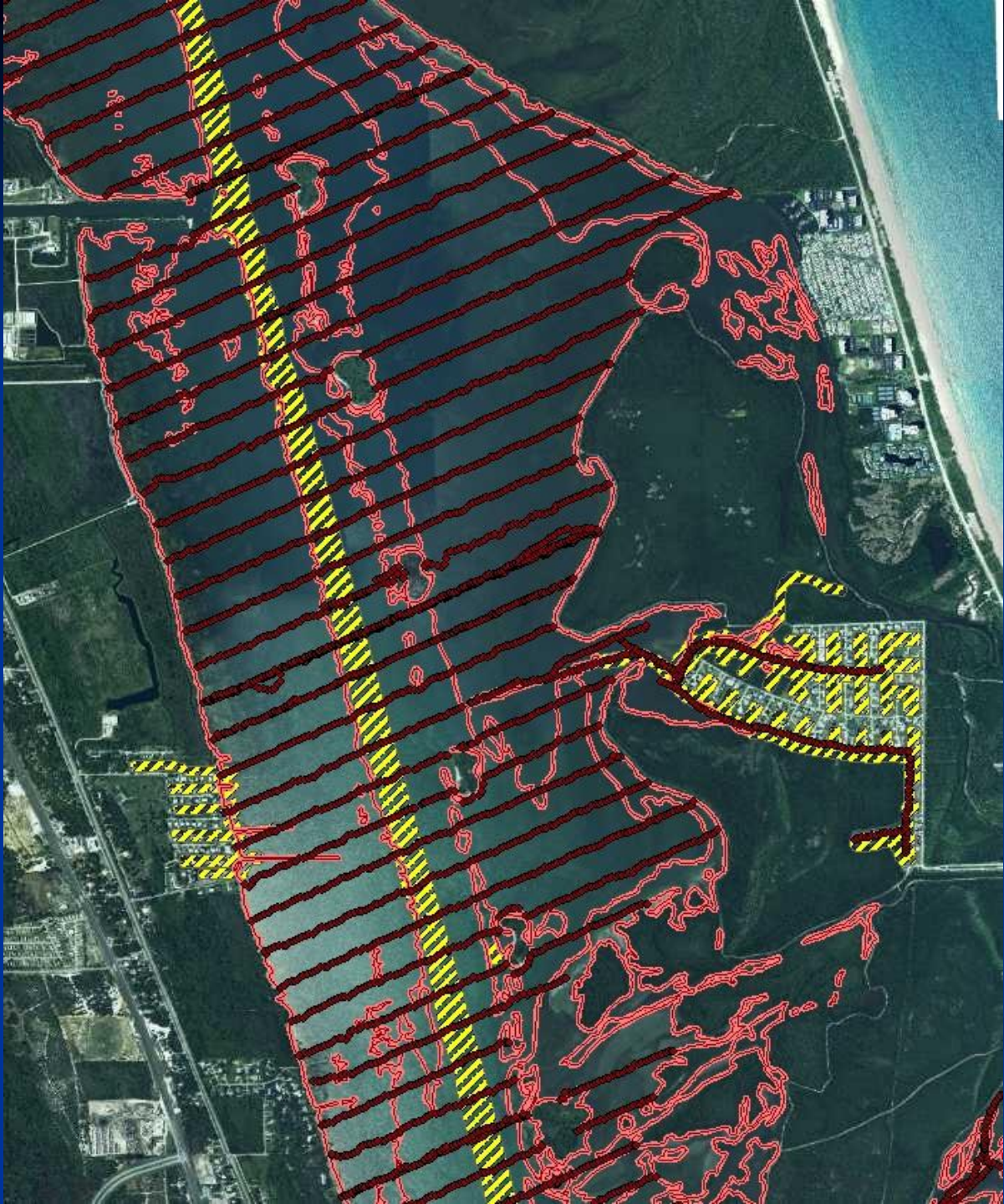
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Mapping Seagrass Deep Edge









Seagrass Evaluation

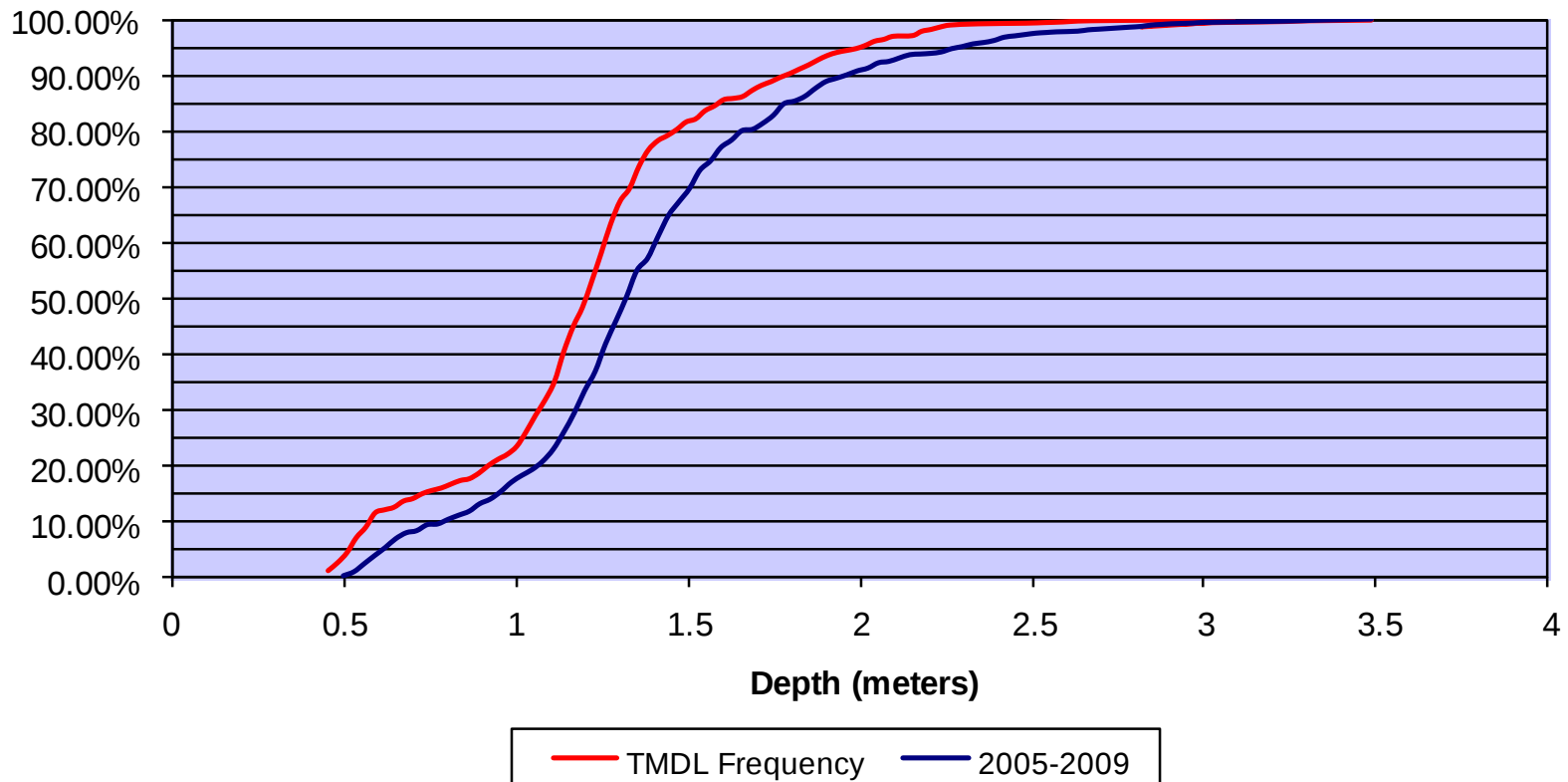
- 2 step test
- Step 1- Compare cumulative distribution frequency of baseline years 1943-1999 with 4 most recent combined map years called the evaluation period- in this case 2005-2009.
 - 50% or more of evaluation years curve lies on or to the right of the TMDL curve.
- Step 2- Compare medians for each mapping year to the TMDL median. (2005, 06, 07, 09)
 - Meet or exceed TMDL median
 - 3 out of 4 years for compliance

Central Indian River Lagoon

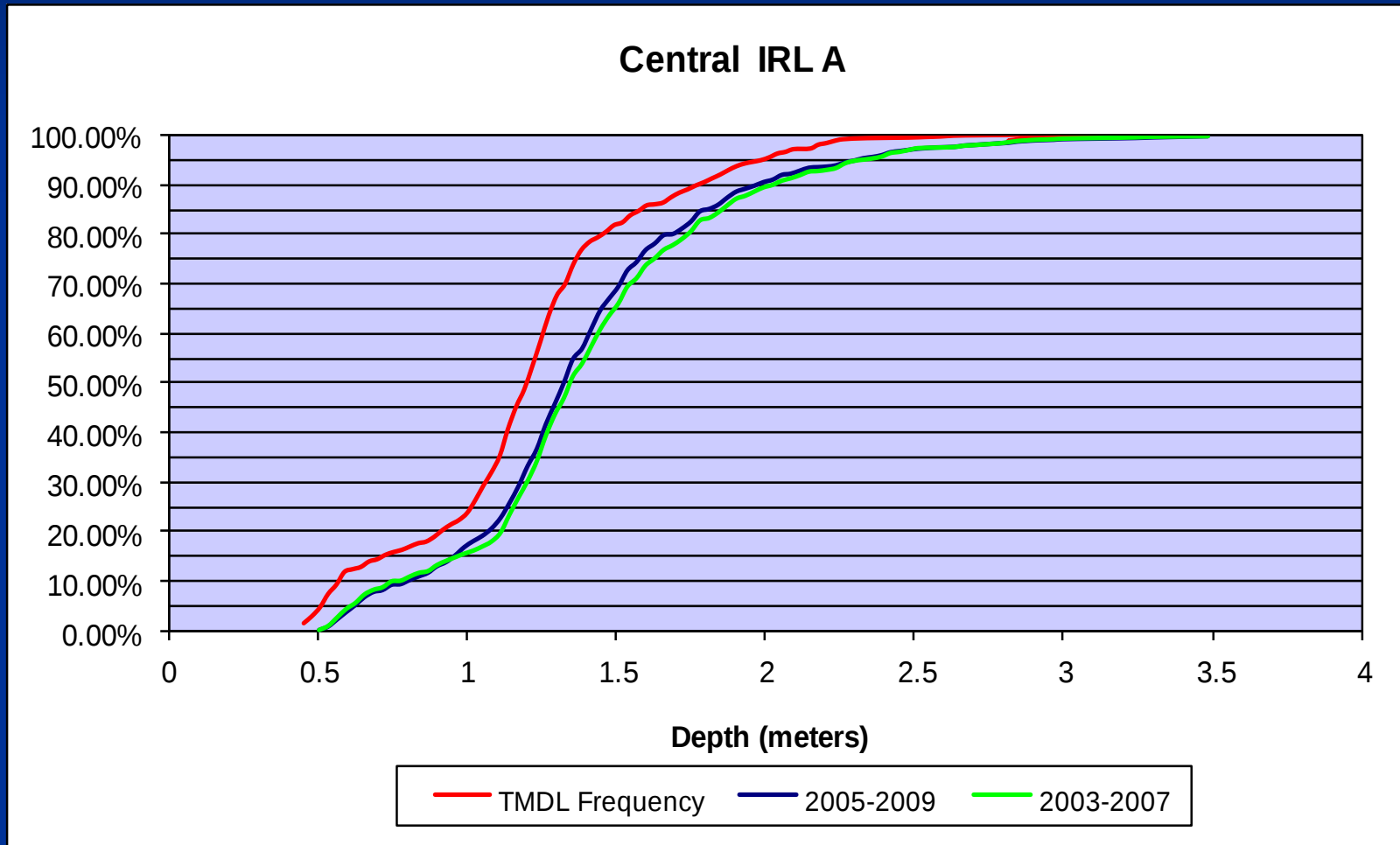
The background of the slide is a solid dark blue. In the lower right quadrant, there are several light blue, wavy, horizontal lines that suggest the movement of water or the shape of a lagoon. These lines are layered, with some appearing more prominent than others, creating a sense of depth and motion.

Central Project Zone A

2005-2009 Central IRL A



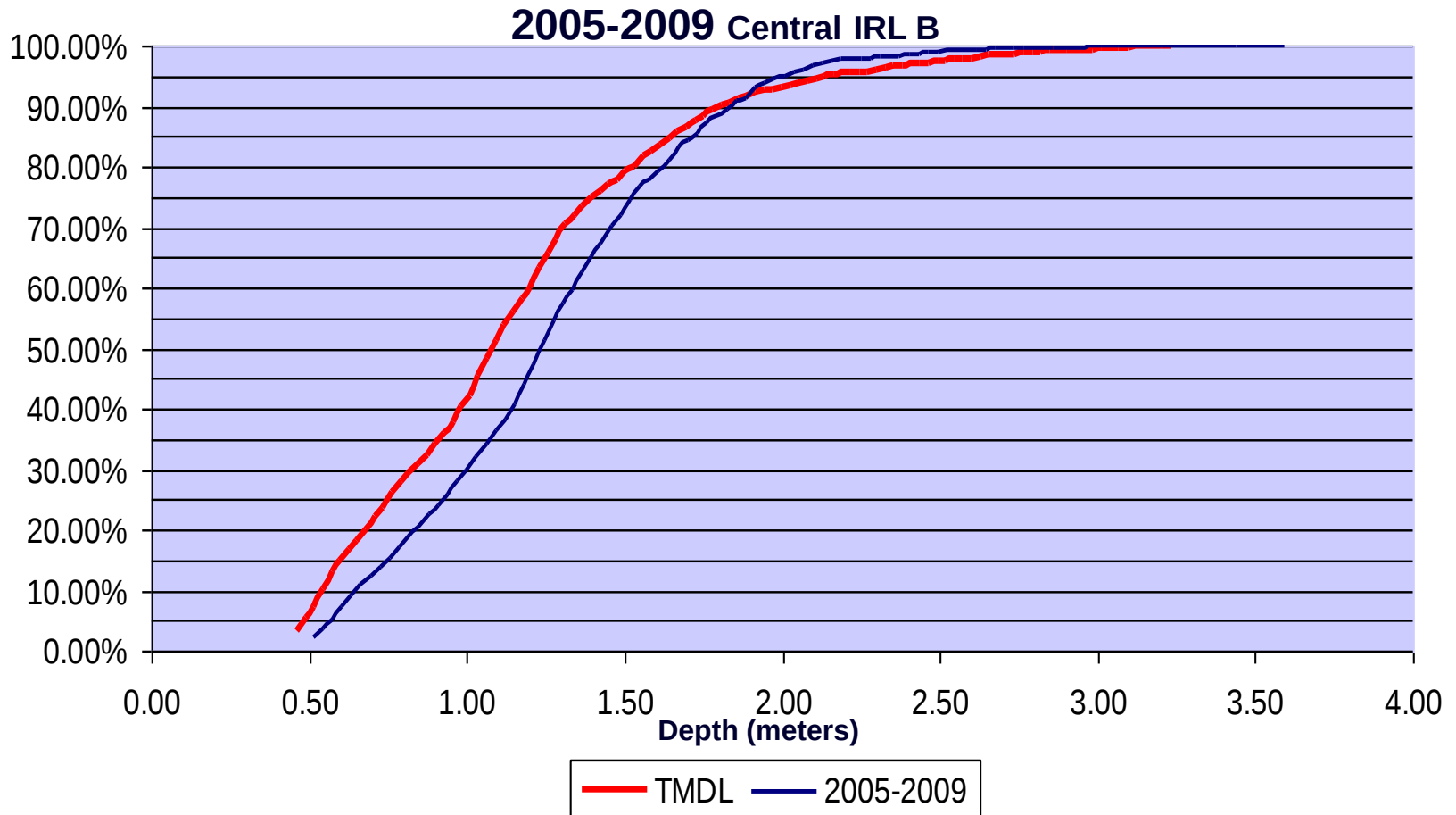
2003-2007 vs 2005-2009



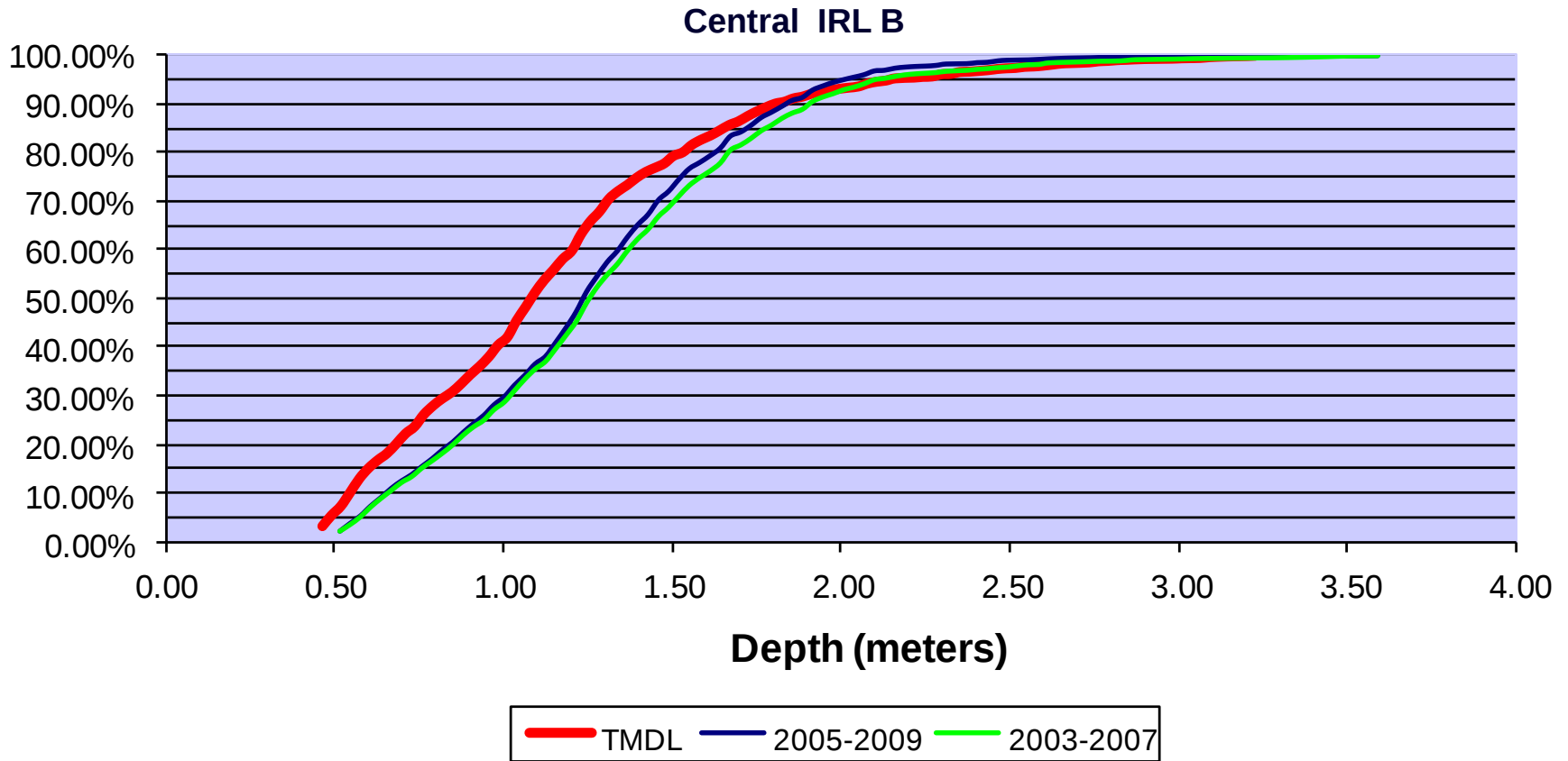
Comparison of Medians Central Project Zone A

TMDL	1.22
2003	1.23
2005	1.20
2006	1.23
2007	1.32
2009	1.29

Central Project Zone B



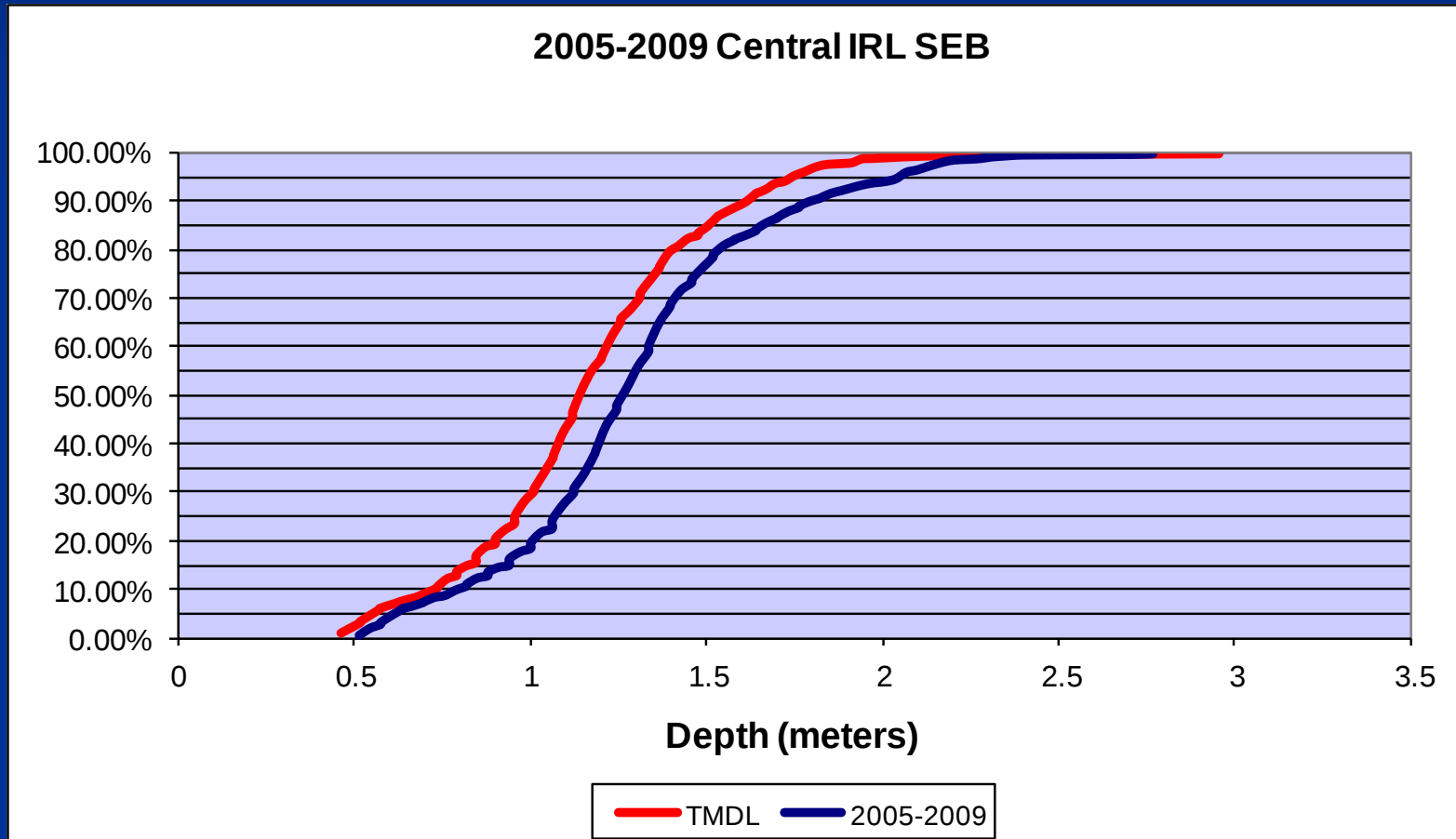
2003-2007 vs 2005-2009



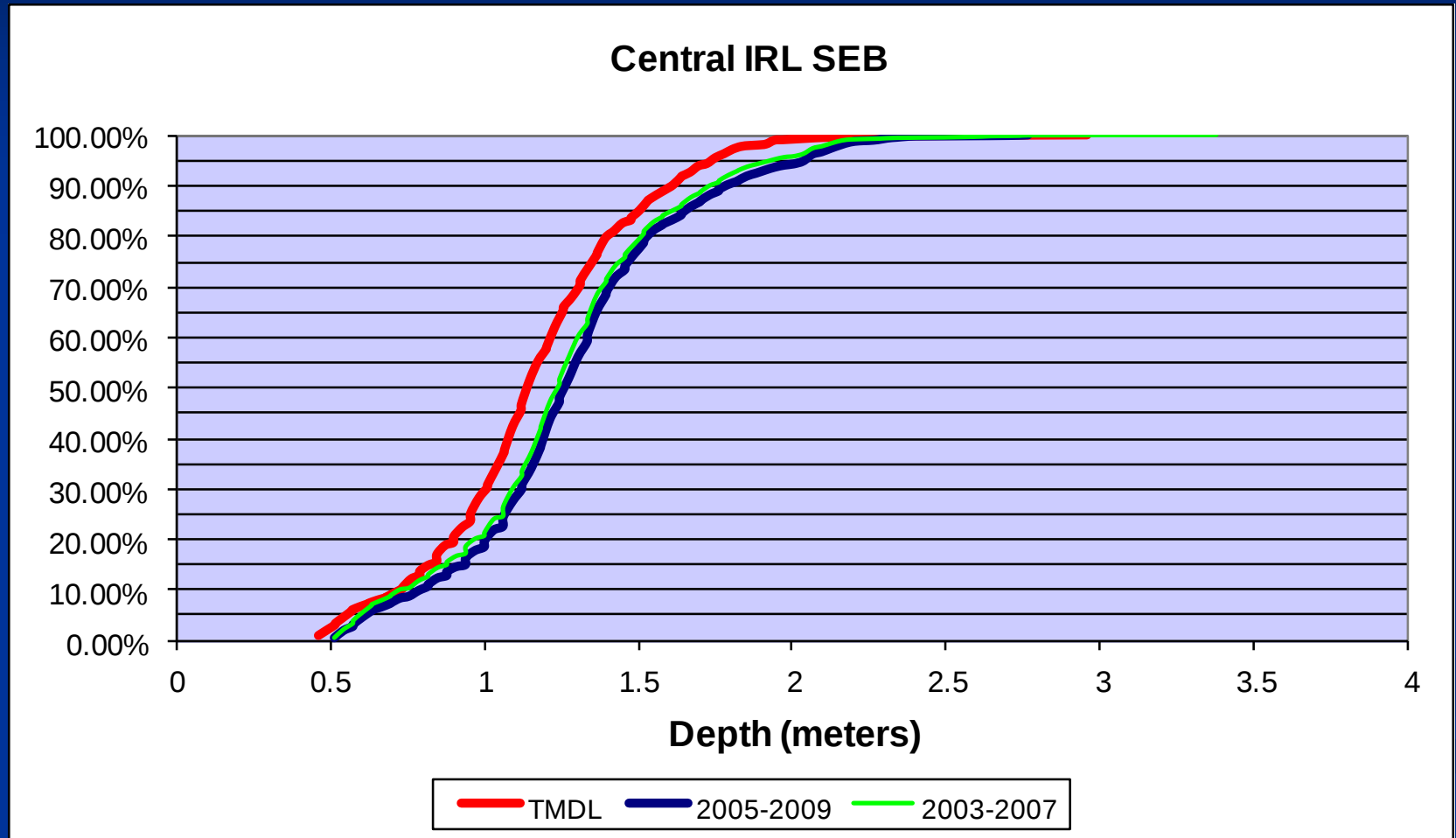
Comparison of Medians Central Project Zone B

TMDL	1.09
2003	1.12
2005	1.12
2006	1.12
2007	1.24
2009	1.18

Central Project Zone SEB



2003-2007 vs 2005-2009



Comparison of Medians Central Project Zone SEB

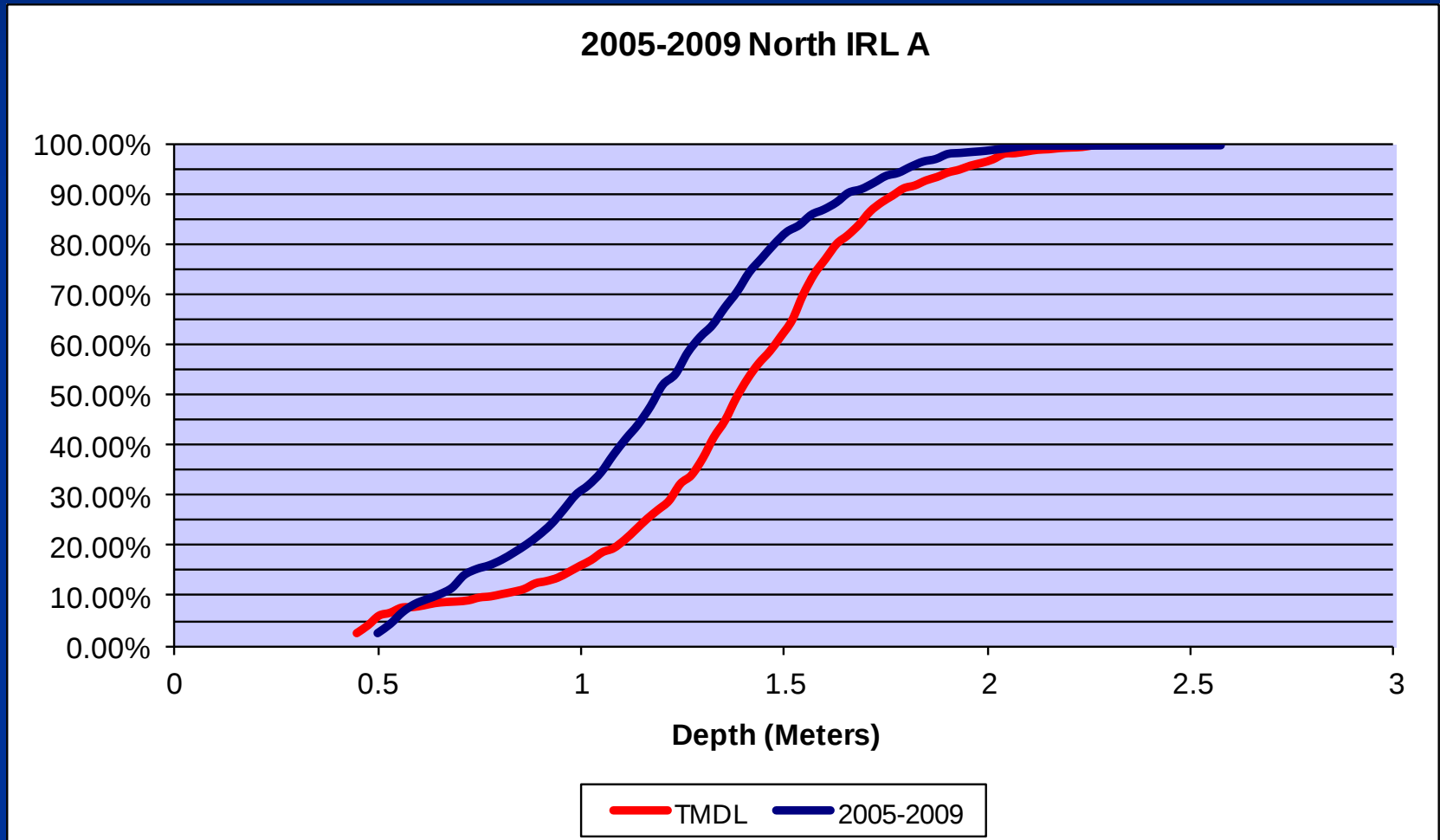
TMDL	1.15
2003	1.12
2005	1.15
2006	1.18
2007	1.21
2009	1.21

NORTH

Indian River Lagoon

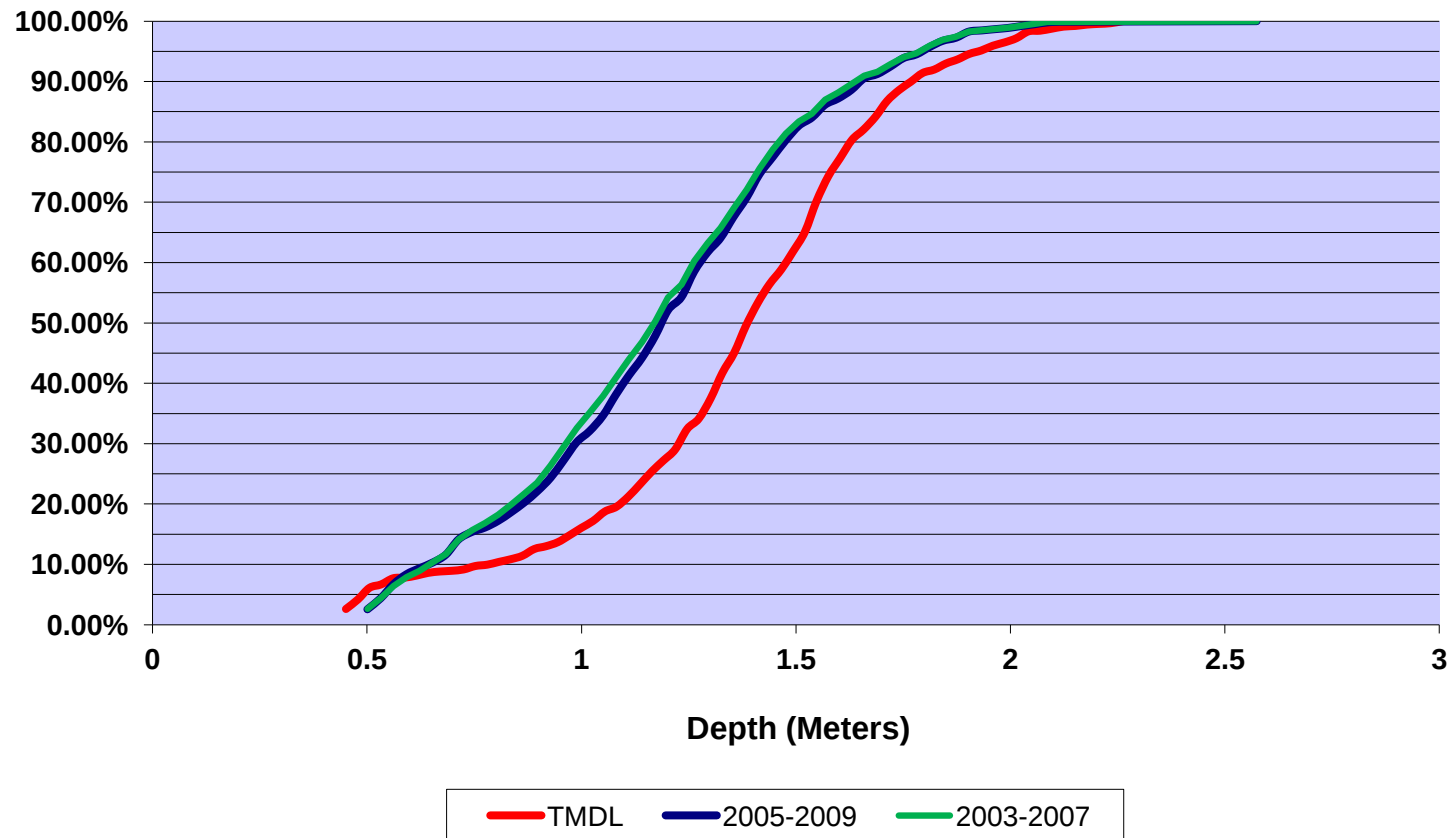
The background of the slide is a solid blue color. In the lower right quadrant, there are several stylized, wavy lines in a slightly darker shade of blue, suggesting the movement of water or the shape of a lagoon.

North Project Zone A



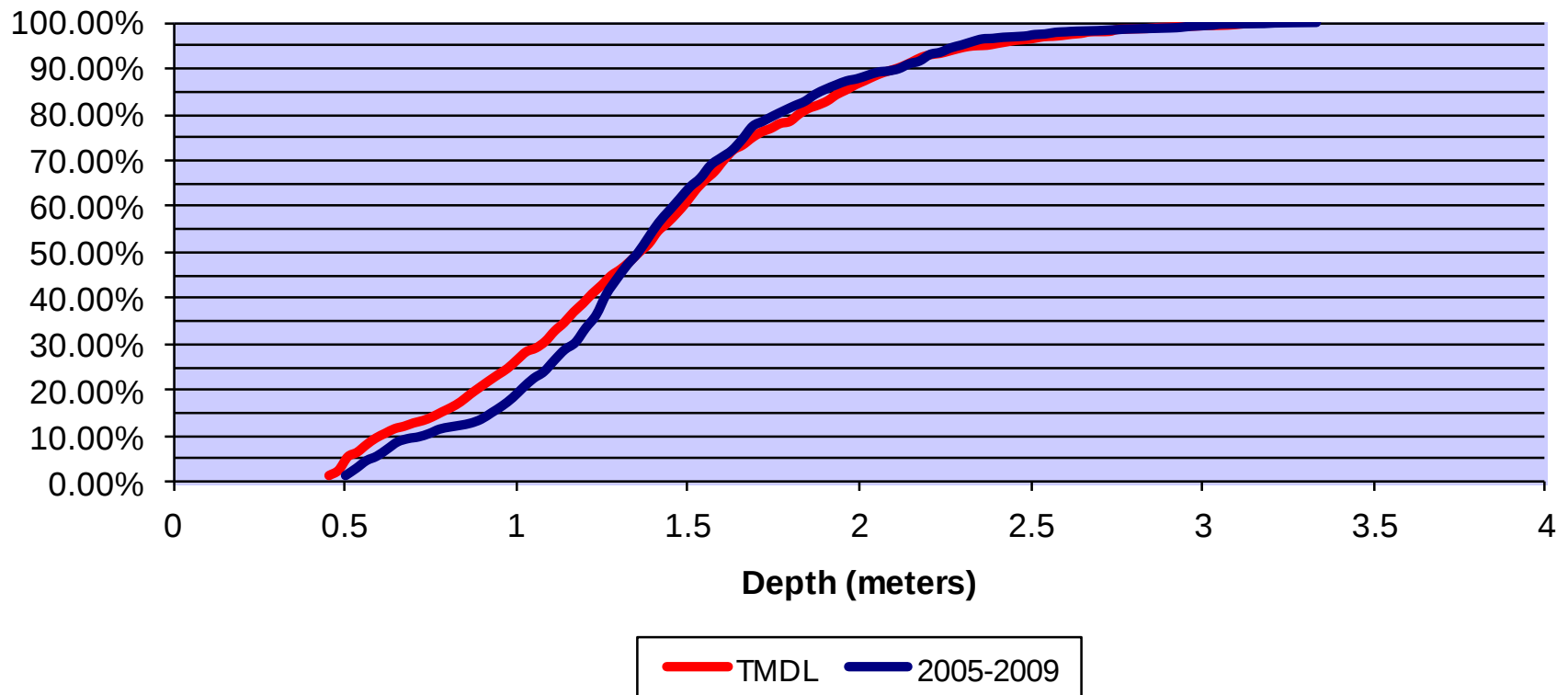
2003-2007 vs 2005-2009

North IRL A

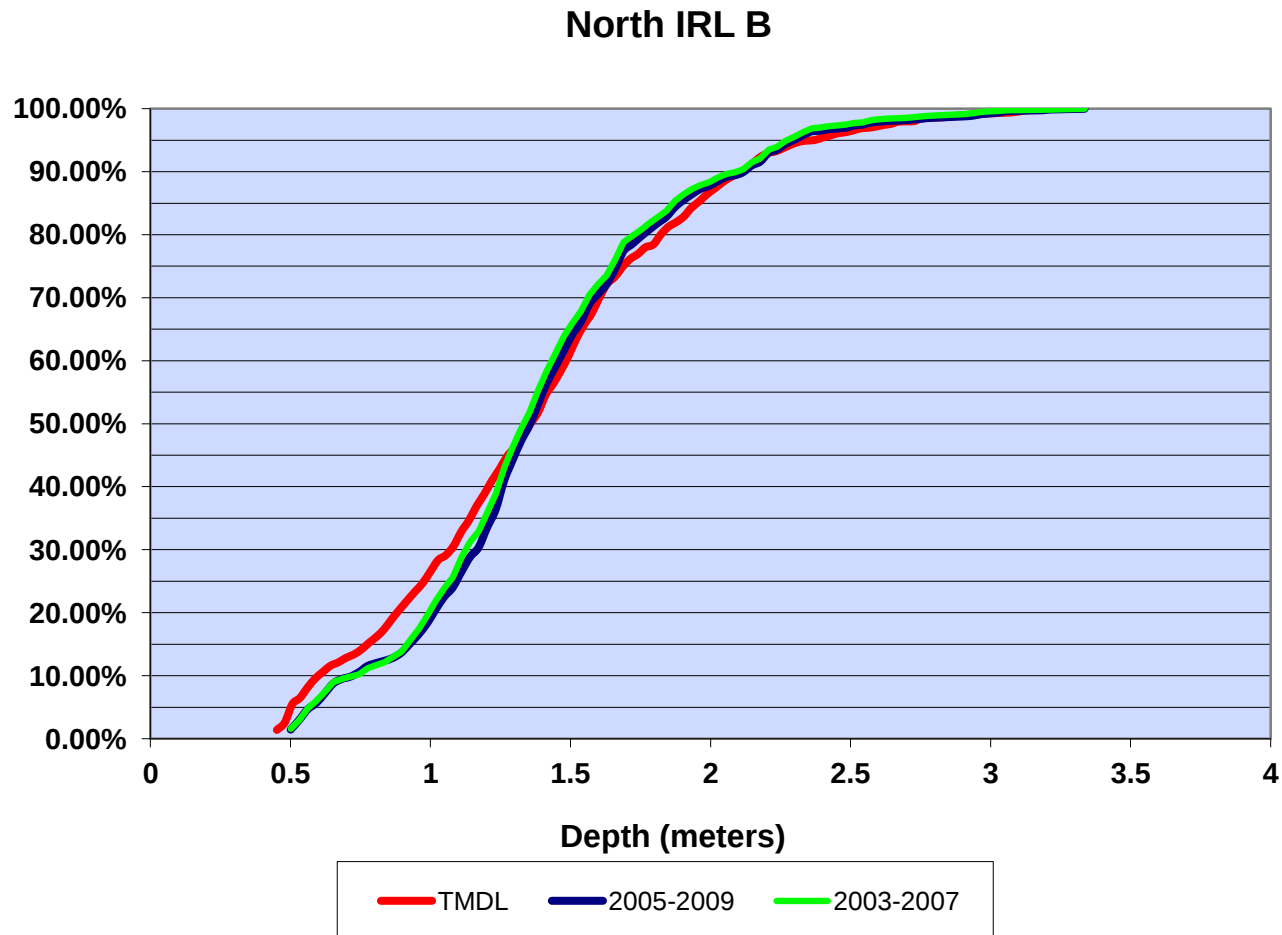


North Project Zone B

2005-2009 North IRL B



2003-2007 vs 2005-2009



Comparison of Medians

North A		North B	
TMDL	1.41	TMDL	1.37
2003	0.96	2003	1.26
2005	1.02	2005	1.26
2006	1.08	2006	1.32
2007	1.08	2007	1.29
2009	1.05	2009	1.29

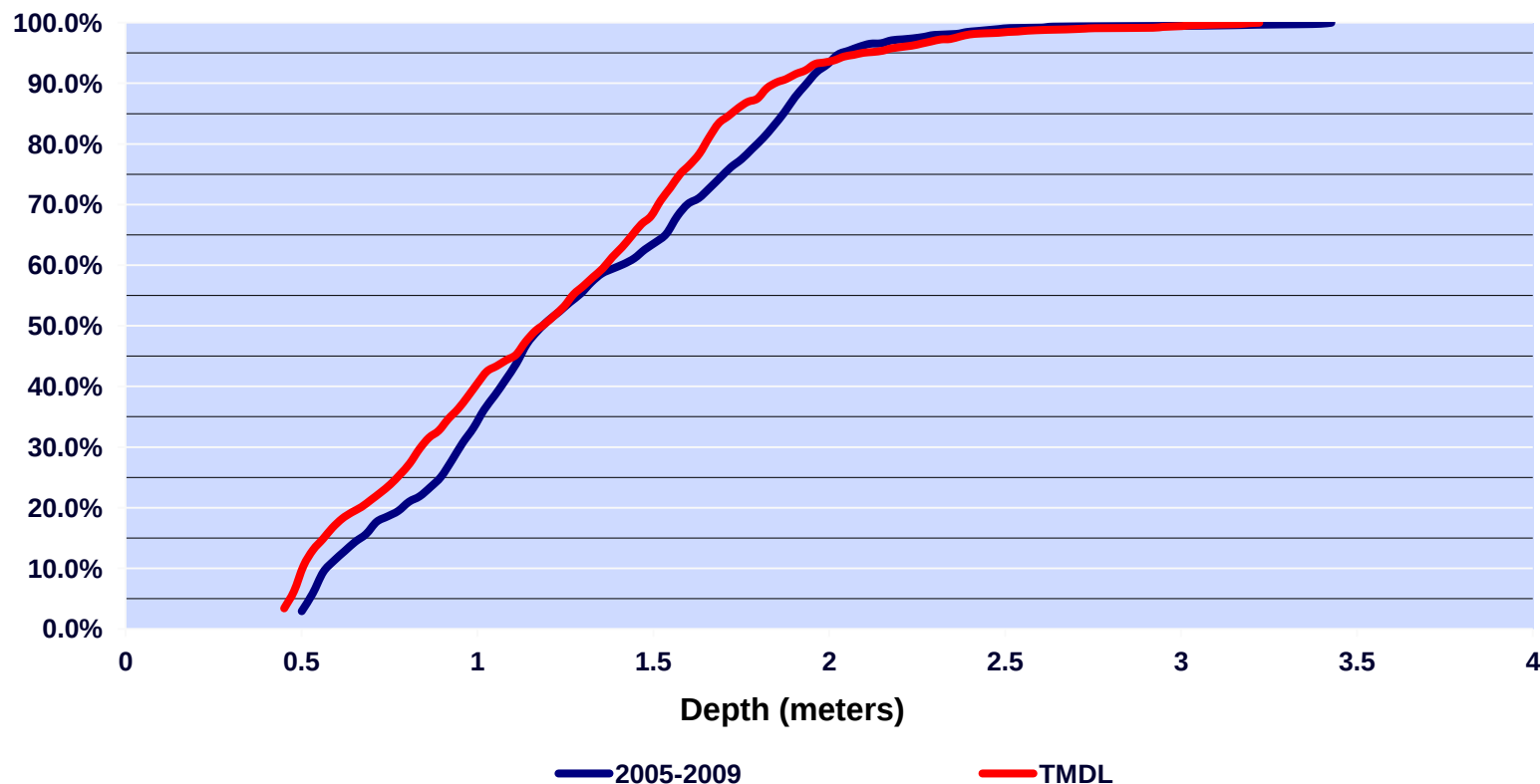
BANANA RIVER

Lagoon



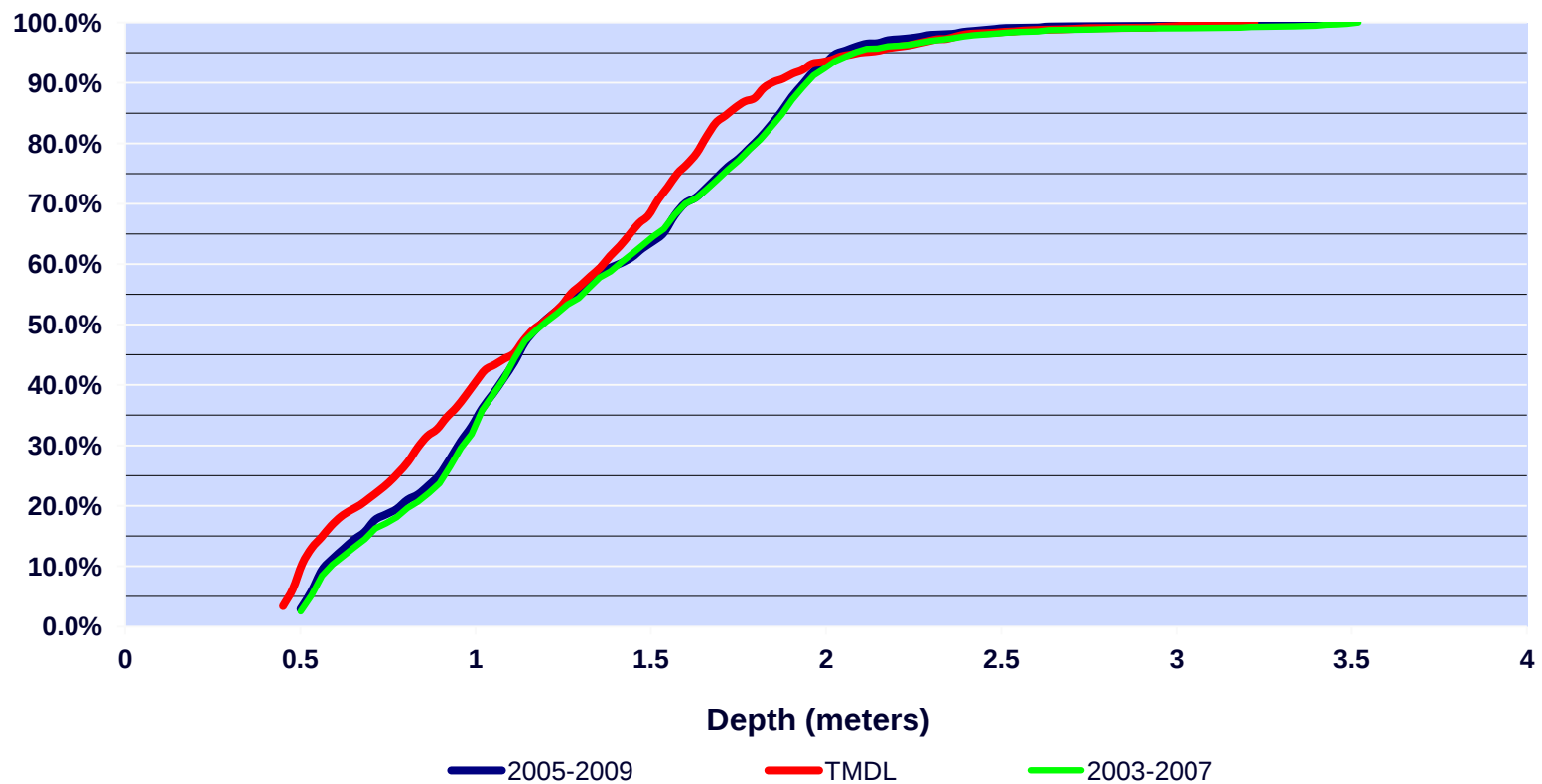
Banana River Lagoon Project Zone

2005-2009 Banana River Lagoon



2003-2007 vs 2005-2009

Banana River Lagoon



Comparison of Medians Banana River Lagoon

TMDL	1.19
2003	1.11
2005	1.11
2006	1.14
2007	1.17
2009	1.14