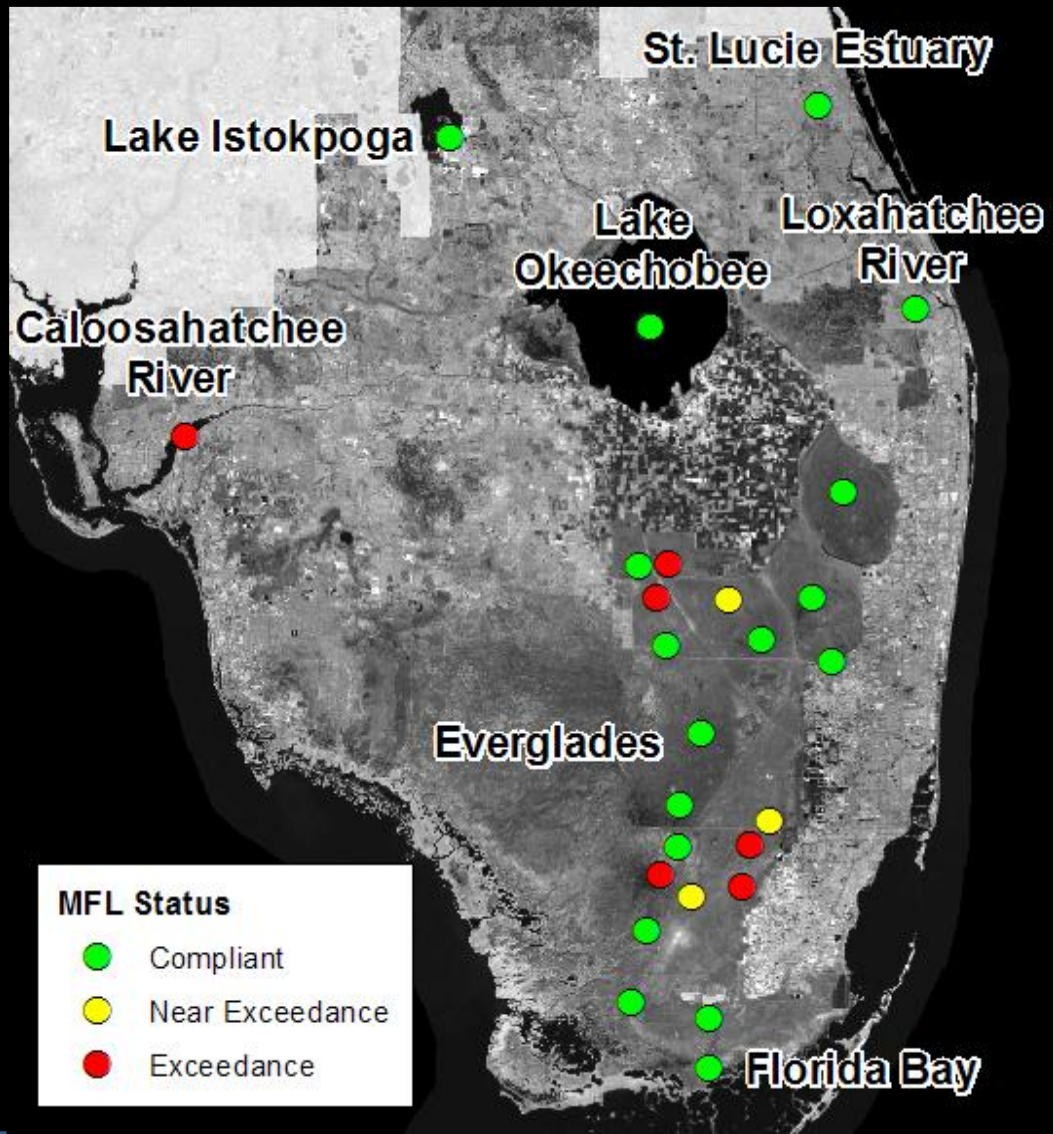
Governing Board Meeting
April 14, 2011

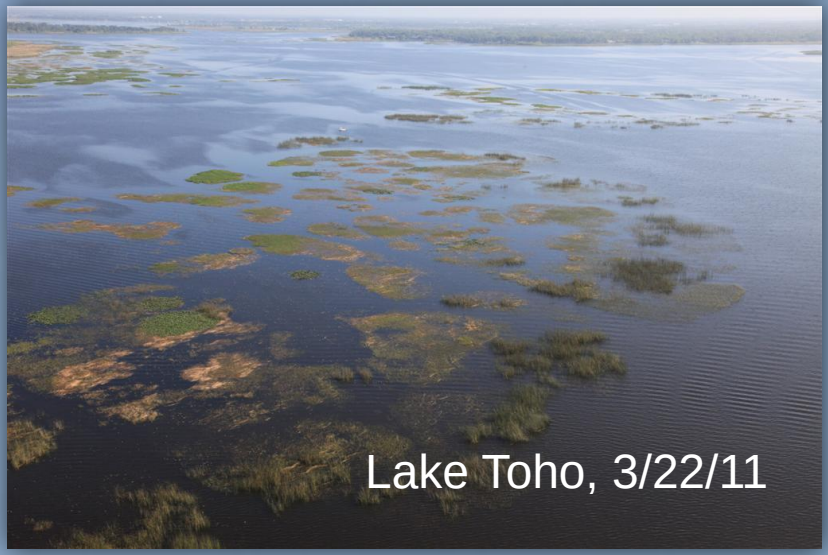
Ecological Conditions Update

Deborah L. Drum
Deputy Director, Restoration Sciences Department
Everglades Restoration & Capital Projects

Minimum Flows and Levels Status



Upper Kissimmee Basin

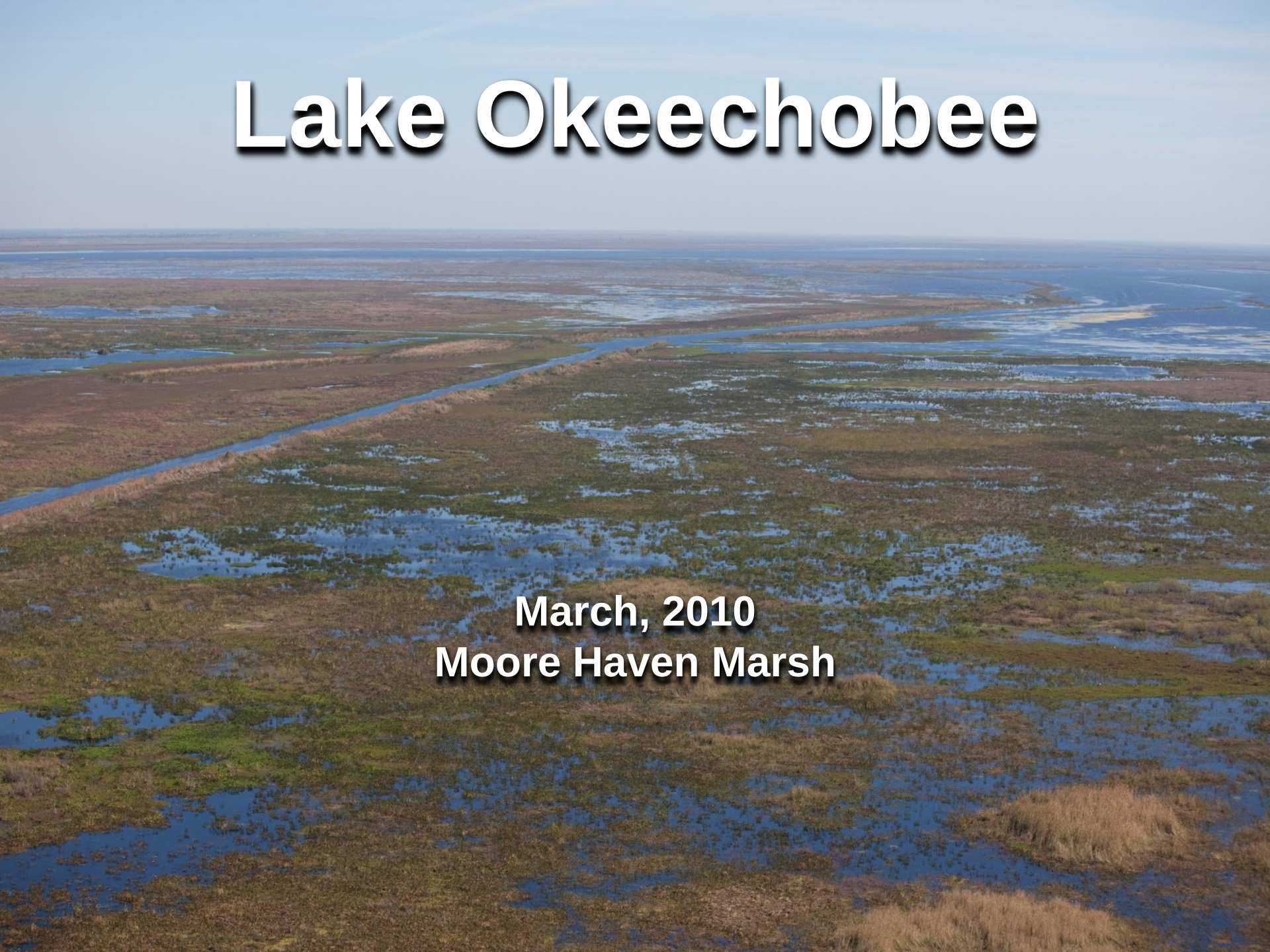


March KCOL Snail Kite survey:

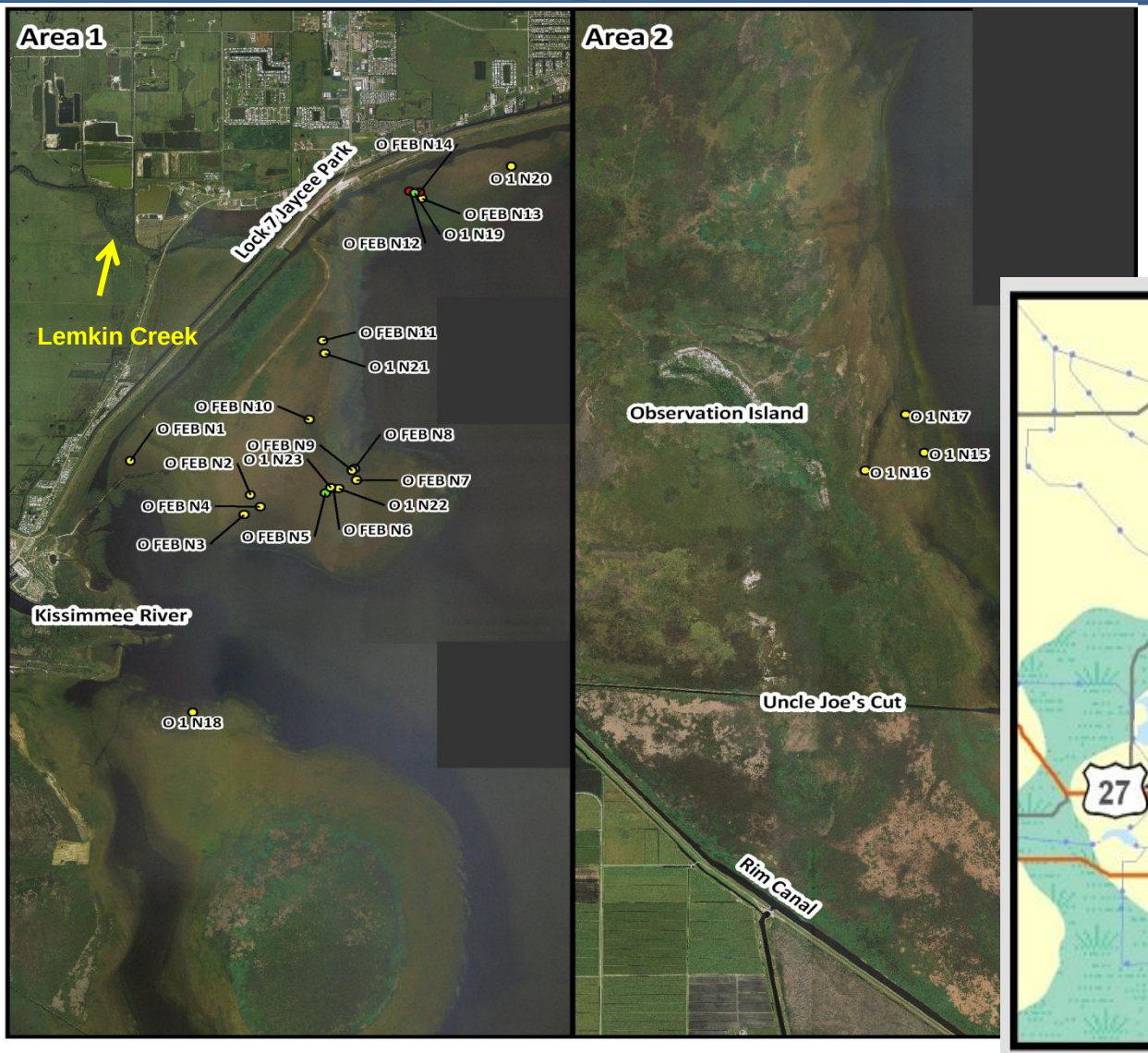
- 41 nests on Lake Toho; 19 on East Lake Toho; and 12 on Lake Kissimmee

Lower Ki

Lake Okeechobee

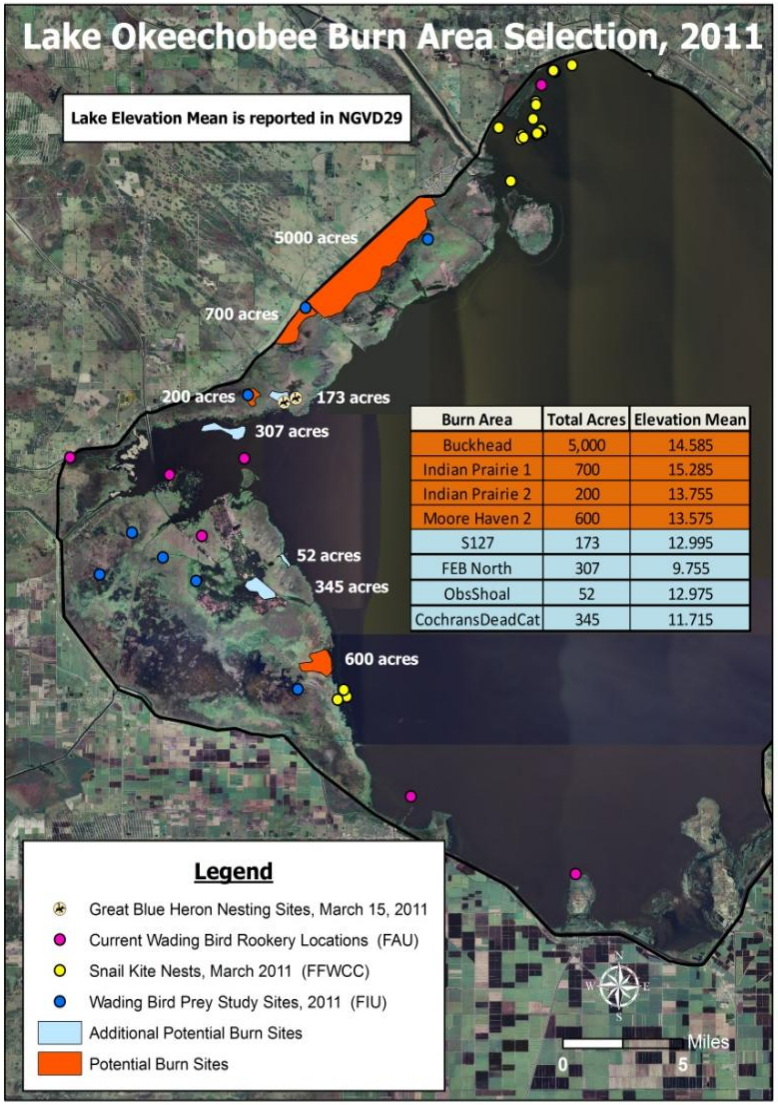


Lake Okeechobee



Snail Kite Nest Locations

Lake Okeechobee



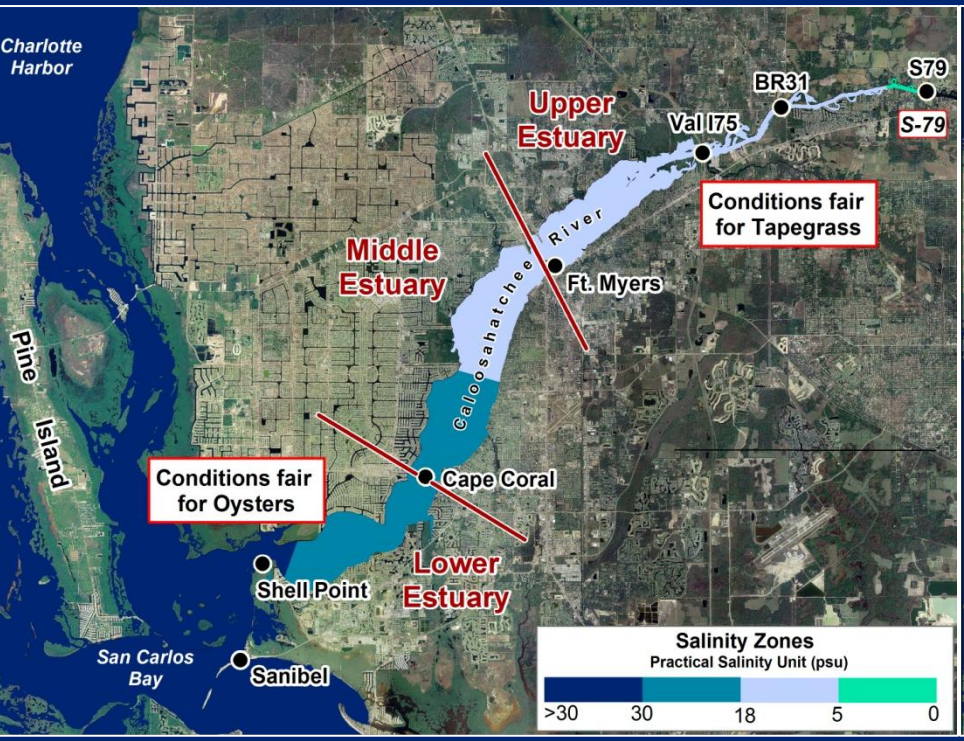
Burn Area	Total Acres	Elevation Mean
Buckhead	5,000	14.585
Indian Prairie 1	700	15.285
Indian Prairie 2	200	13.755
Moore Haven 2	600	13.575
S127	173	12.995
FEB North	307	9.755
ObsShoal	52	12.975
CochransDeadCat	345	11.715

Controlled Burns

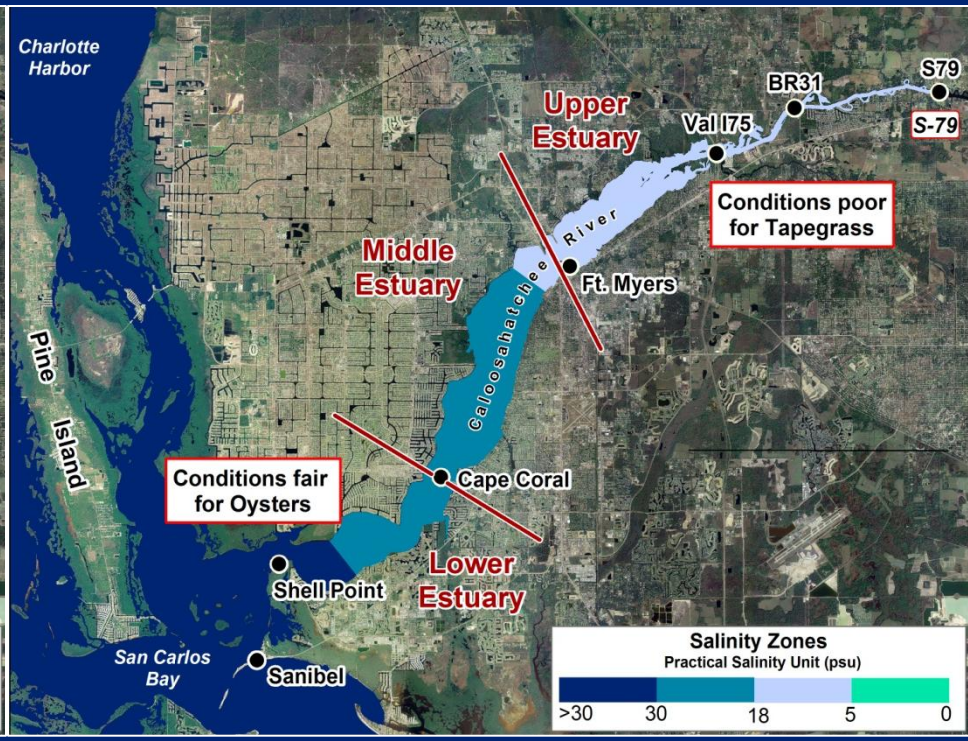
Caloosahatchee Estuary

Salinity Conditions

March 7, 2011



April 11, 2011



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

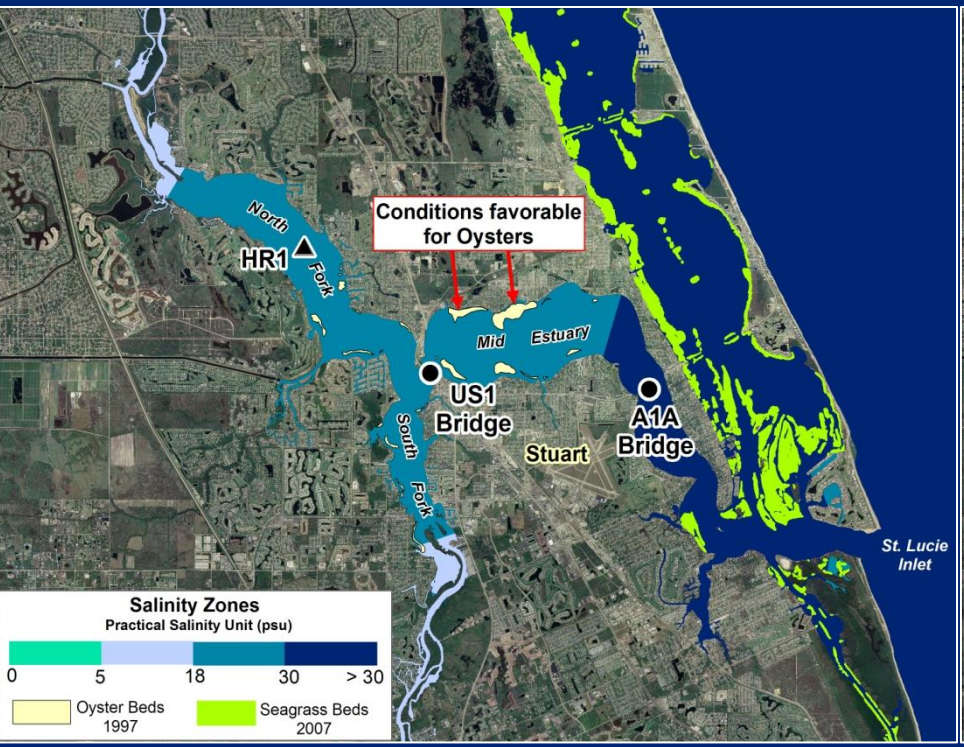
Caloosahatchee Estuary

Tape Grass Conditions

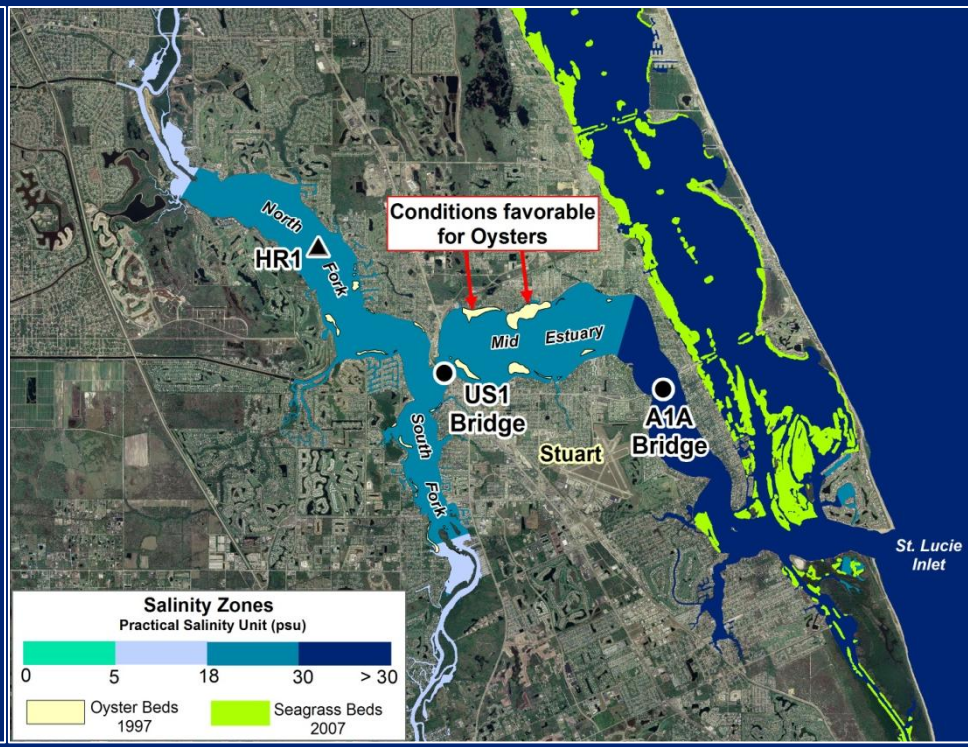
St. Lucie Estuary

Salinity Conditions

March 7, 2011



April 11, 2011



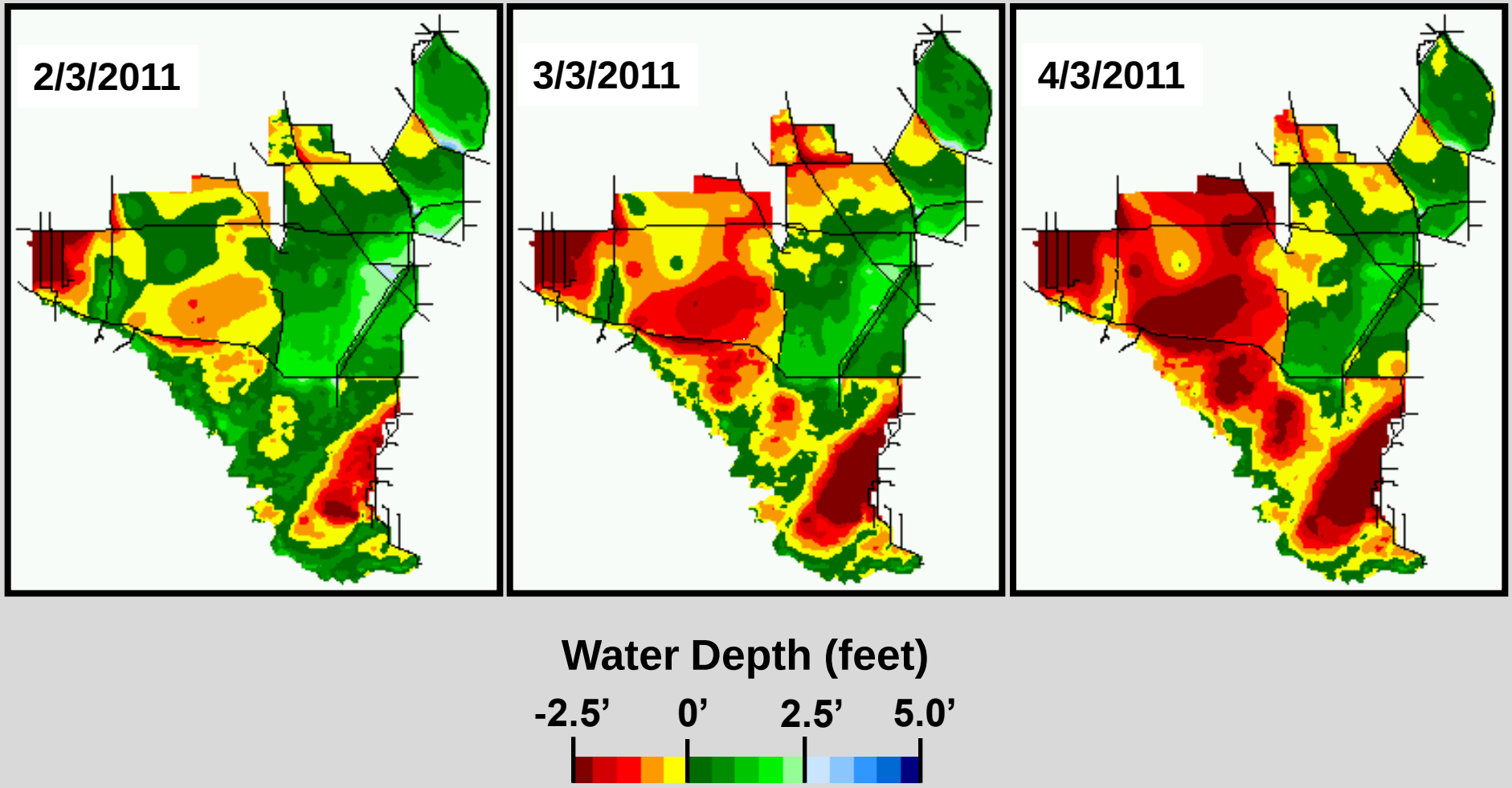
Stormwater Treatment Area 5
Giant Bulrush

June 2010 - STA-5 Cell 1B

- Giant Bulrush planted by the District's Vegetation Management team
- March 2011 survey indicates successful new growth

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

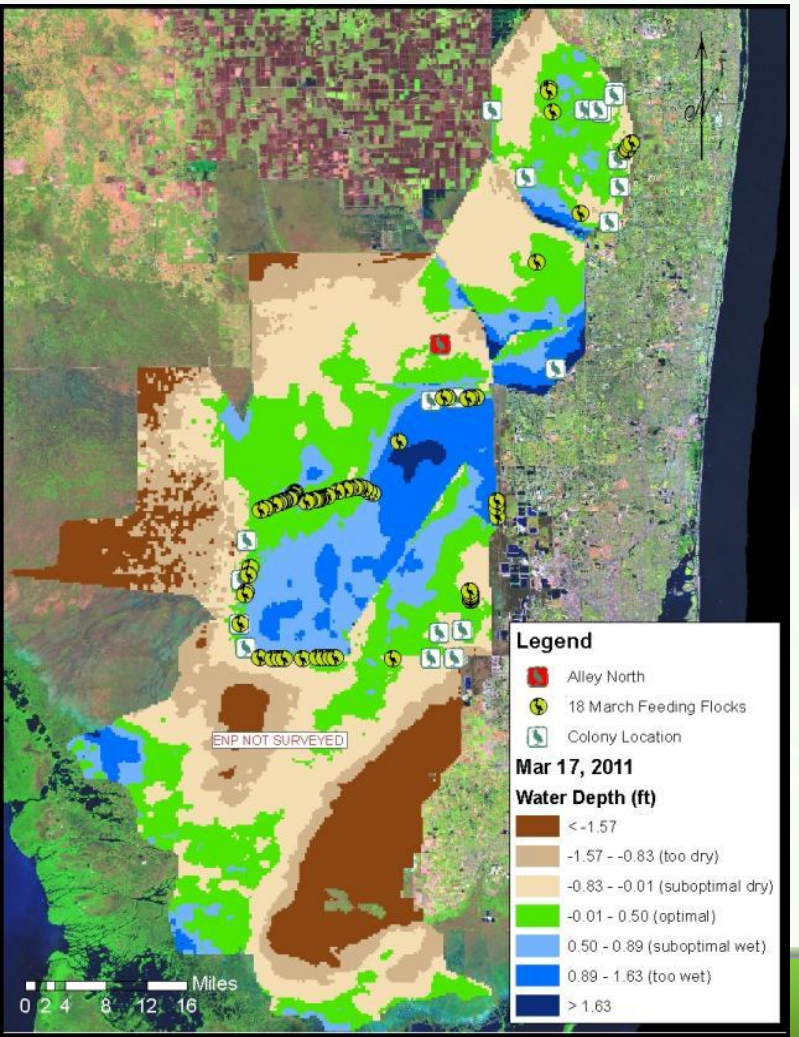
Greater Everglades
Water Depth Monthly Snapshots



South Florida Water Depth Assessment Tool (SFWDAT)

Current Depths are Optimal for Wading Bird Foraging and Nesting

Current Foraging Locations



Current Nesting Effort in the WCAs March 2010 vs. March 2011

	2010	2011
Wood Stork	0	1050
Spoonbill	20	200
White Ibis	0	10,000
Great Egret	130	7180

Thank You
Audubon