



Southeast Atlantic, Gulf of Mexico and Caribbean Regional Report

Florida Keys National Marine Sanctuary
Sanctuary Advisory Council Meeting

October 20, 2015
Marathon, Florida

Billy D. Causey, Ph.D.
Southeast Regional Director
NOAA's Office of National Marine Sanctuaries

SE Atlantic, Gulf of Mexico and Caribbean Region

Office of National Marine Sanctuaries

- ★ Existing Sanctuary
- Proposed Site Expansion
- Ⓟ Proposed New Sanctuary Site
- Ⓡ Local Support / Interest

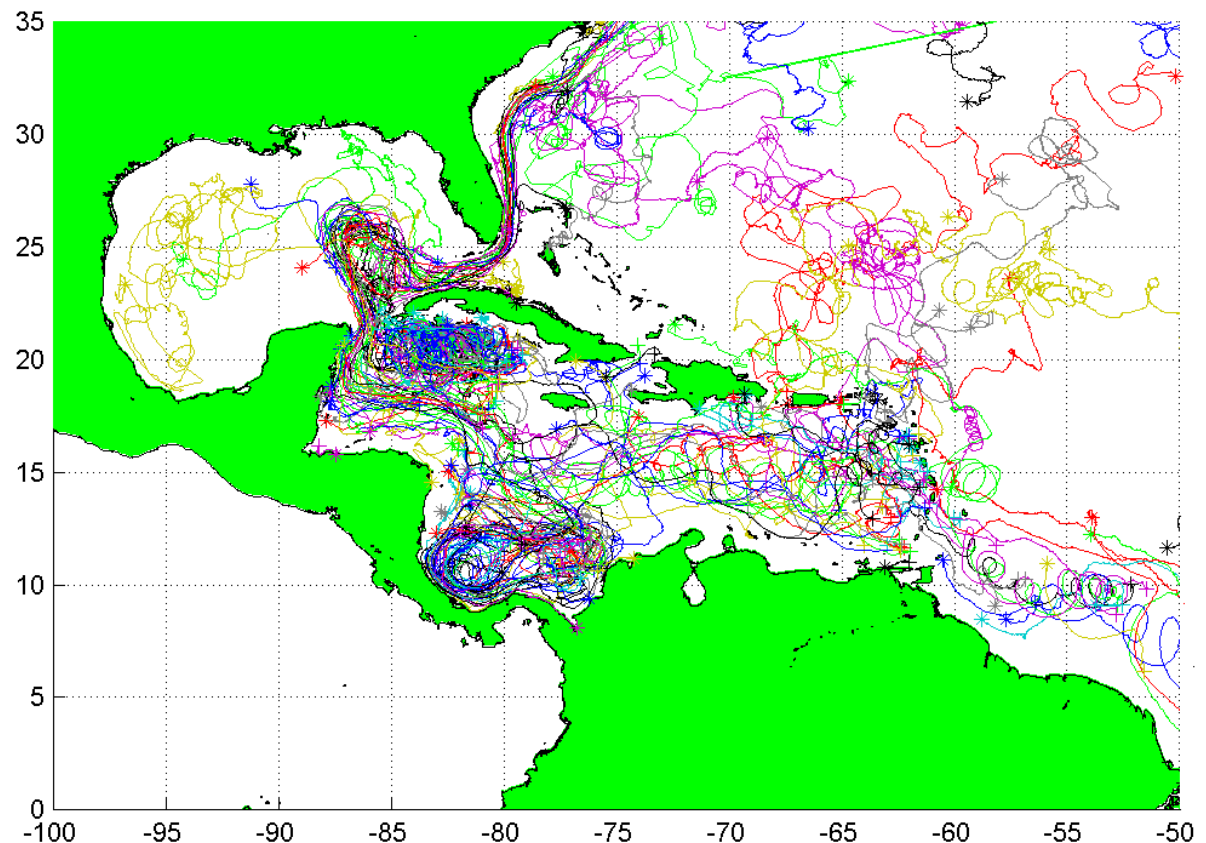


Caribbean Connectivity



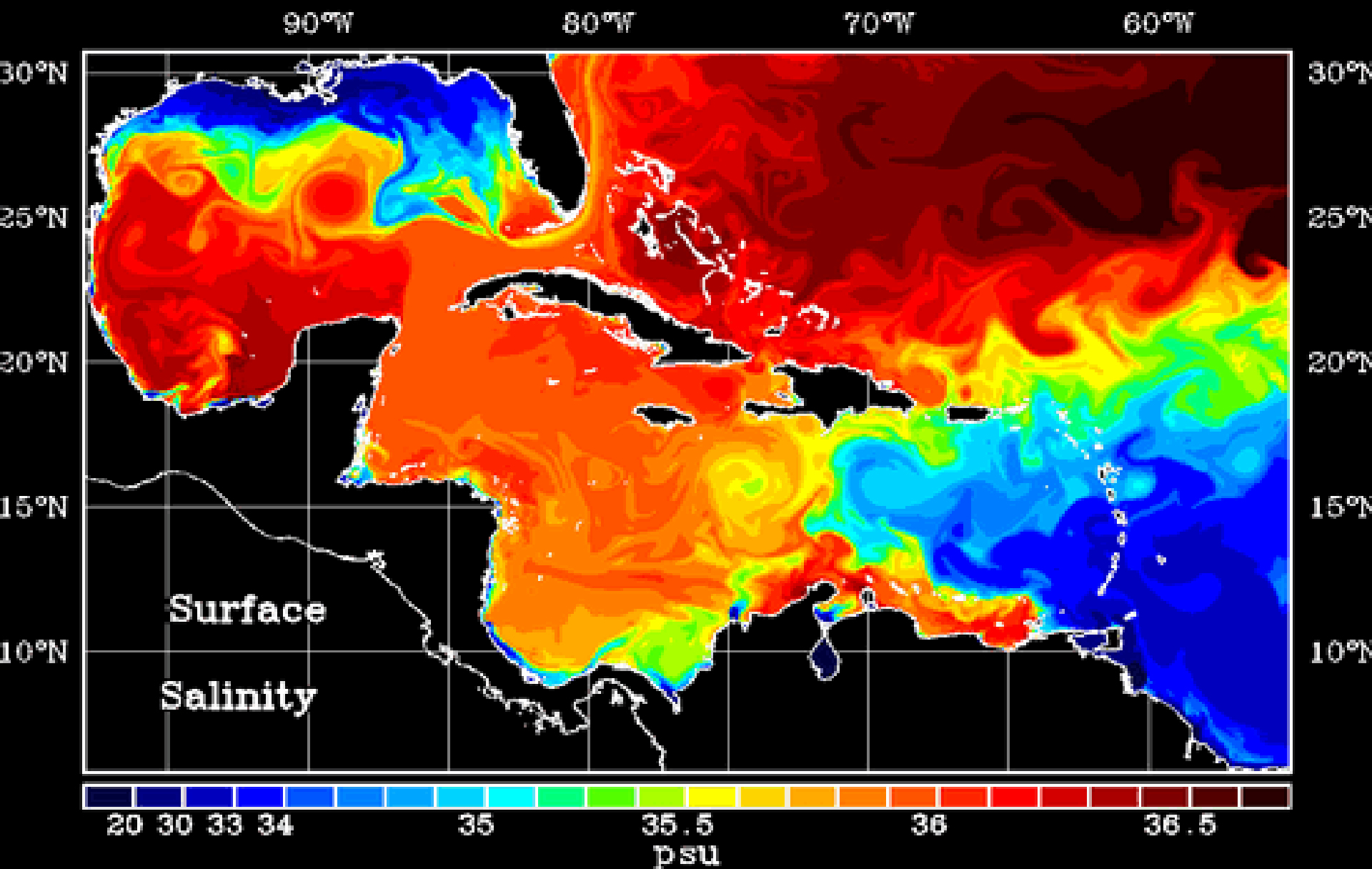
Drifter

Current Drifters (1998-2000)
Credit: Kevin Leaman (UM/RSMAS)



NRL IASNFS

Nowcast valid at 2011/07/25 00Z



Lionfish Invasion History



LIONFISH COLLECTING AND HANDLING WORKSHOP

August 4th
Galveston, TX

5:30 to 7:30 pm

Flower Garden Banks National
Marine Sanctuary Ballroom

4700 Avenue U, Bldg. 216 Galveston, TX 77551



Divers, fishers and ocean enthusiasts are
encouraged to attend! Workshop is free
and open to the public.

Topics include background of the invasion, lionfish biology,
ecological impacts, current research findings, collecting
and handling techniques, and more...

Register at www.REEF.org/lionfish/workshops



First Annual Summer Workshop on Governance for the Gulf of Mexico

June 20-25, 2010



Overcoming International Obstacles to Creating Marine Protected Areas in the Gulf of Mexico



The Proposed Gulf of Mexico MPA Network







**Major Marine Conservation Areas of Cuba, Yucatán and South Florida
Showing Dominant Current Flow Patterns**

Information compiled from World Atlas of Coral Reefs, Reef Base and EDF



Cuba Min Rex



Marine Protected Areas Meeting

March 23-24 2015





SEMARNAT

SECRETARÍA DE
MEDIO AMBIENTE
Y RECURSOS NATURALES



CONANP
COMISIÓN NACIONAL
DE ÁREAS NATURALES
PROTEGIDAS



Gulf of Mexico Sister Sanctuary Summit

24-25 June 2015

Hotel Victoria – Merida, Yucatan Mexico



Parque Nacional
Isla Contoy





Proposed Gulf of Mexico Sister Sanctuary Network



**What is missing in this photo are our
West Coast Colleagues**





CubaMinRex



Áreas Marinas Protegidas

Julio 12-15 2015

Parque Nacional Guanahacabibes, Pinar del Río, Cuba





**What is missing in this photo are our
SE Region and NE & Great Lakes Colleagues**

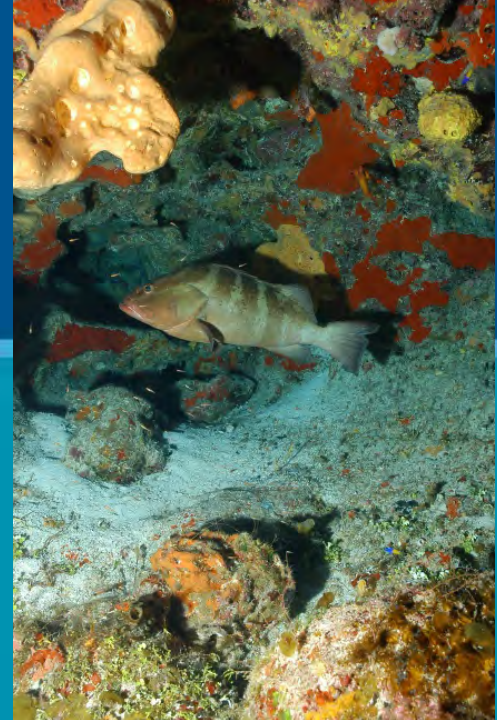




Guana—ah—ka—bee—bes



Biosphere Reserve:	121,572 ha.
Guanahacabibes:	23,880 ha. Land / 15,950 ha. Marine
Lagoons:	564.5 ha.
San Antonio Bank:	7,411 ha.



Elemento Natural Destacado

BANCO DE SAN ANTONIO



RESEARCH PRIORITIES

Corals

- Recruitment
- Coral growth / Paleoclimatology
- Bleaching
- Spawning
- Genetics
- Black Coral community assessment

Fish

- Spawning aggregations
- Evaluation of fisheries
- Recruitment
- Genetics
- Connectivity
- Lionfish





National Marine Sanctuaries
National Oceanic and Atmospheric Administration



<http://sanctuaries.noaa.gov>