

17 May 2013 {13137}
Daily ABT Larvae Locations
Official Results

- ABT larvae location day 137

1312701-10

ROFFSTM

A grayscale map of a coastal region, likely the Roffstrom area, showing the coastline and several islands. Three black dots are plotted on the map, indicating the locations of ABT larvae on May 17, 2013. The dots are located in the upper right, middle right, and lower right portions of the map. The text 'ROFFSTM' is printed in the center of the map. A white box in the top left corner contains the title and date information, and another white box below it contains a bullet point and the day number. A third white box at the bottom center contains the label 'ROFFSTM'. The map shows a large body of water with a complex coastline, including a prominent island in the center and several smaller islands to the south and east.

Are Bluefin Spawning Outside the Gulf of Mexico in Bahamas ?

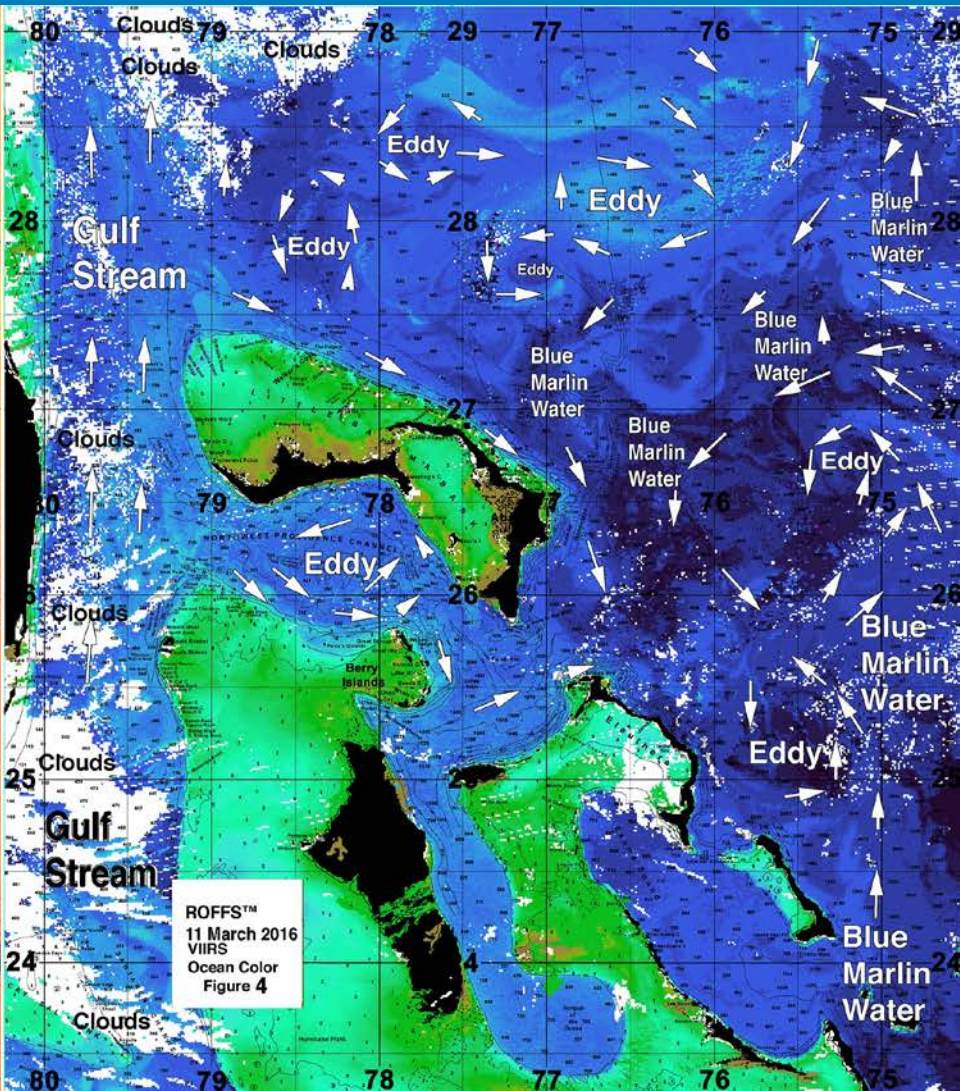
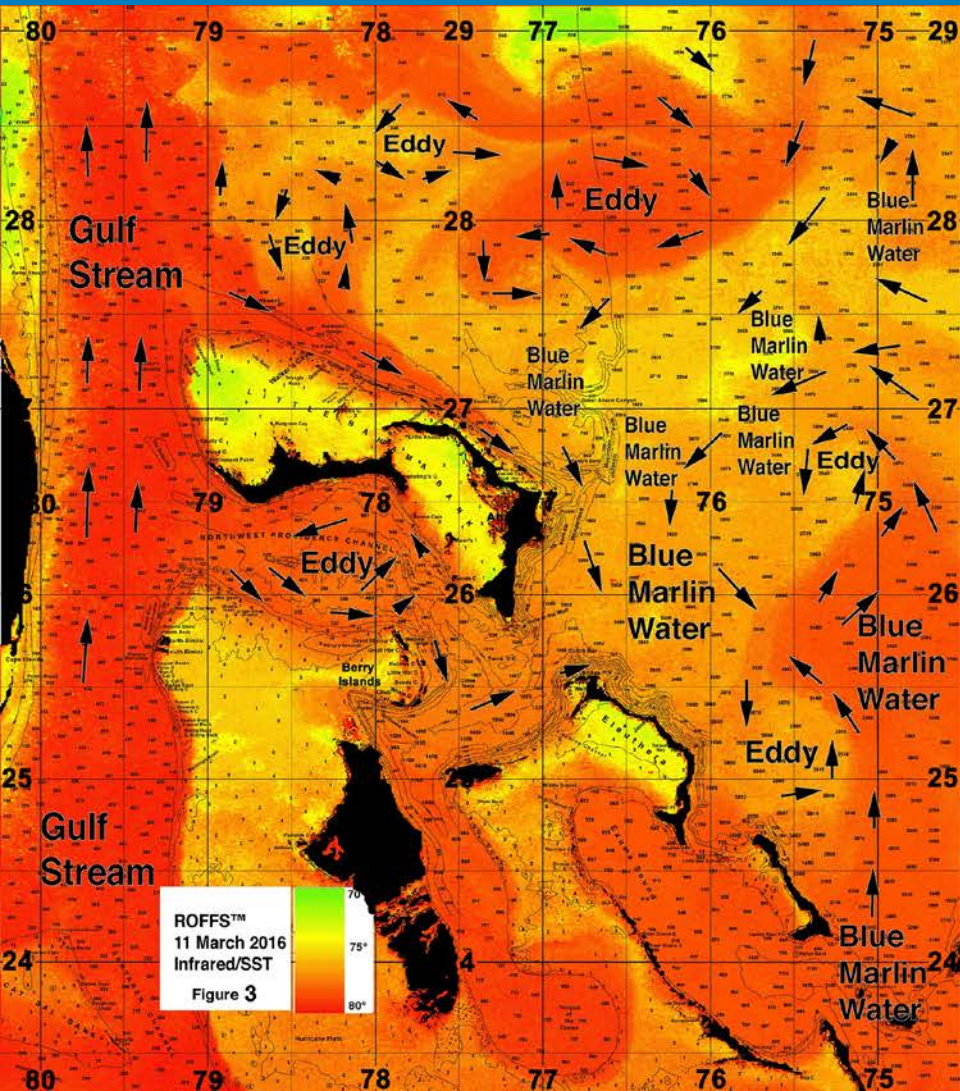
- Based on our assumptions and tracking:
 - ∅ 16 ABT definitely spawned in Bahamas
 - ∅ 1 in the Gulf Stream
 - 3 either the Gulf Stream or Bahamas
 - 2 Gulf of Mexico

YES bluefin tuna ARE spawning in Bahamas and north (east of northern South Carolina)

We don't see good habitat every year
Need to repeat routinely & expand area



Bahamas Marlin Forecast



GOES 201600-074: Large Scale Views



Issue of Clouds

- To observe large area circulation synoptically one can lose 50% of the data due to clouds.
 - But for smaller areas one can produce oceanographic analyses 95% of the time using infrared and ocean color.
- Issue: One needs a create realistic composites.
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