

ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.
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SPECIAL REGIONAL ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS
UPDATED ON SUN. 21 AUG 2016 FOR SUN. P.M. AND MON. FISHING ONLY

This is a regional view from Atlantis Canyon to Cape Hatteras for the ROFFS™ clients who have selected to receive two analyses areas and for those clients who are subscribed to the “Unlimited Plan.” We are providing two graphics derived from today’s satellite imagery: one derived from the infrared for sea surface temperature (sst); and a second image derived from the ocean color imagery. Having both is critical as there has been a substantial pool of turbid green water moving over this region from a more intense, but naturally caused algae bloom from coastal upwelling. Fishing action has been absent from the turbid green water estimated to be 30-45 feet deep.

Of note is the relatively large clockwise rotating Gulf Stream eddy now centered over 1300 fathom depths of Block Canyon. While this eddy continues to pull Gulf Stream water to the Hudson Canyon, the water along the western side has been moving in a southwestward direction the last three days over the 1000 fathom curve and is offshore of the Carteret Canyon area. We anticipate that this water will continue to move toward the Spencer Canyon over the next few days and it remains to be seen if it will reach the Wilmington Canyon. This westward and southwestward motion of the relatively large pool of blue water has pushed the blue and blue-green water inshore of the 100 fathom curve from the Toms Canyon to the Carteret Canyon, southwest side of the Lindenkohl Canyon and Spencer Canyon. The blue-blue/green water has pushed to the northeast side of the Wilmington Canyon this afternoon and likely move across the canyon overnight. This is a substantial improvement to the conditions over these canyon areas.

A relatively small clockwise eddy has been moving westward from offshore of the 1000 fathom curve of the Wilmington Canyon the last few days and today it has reached the Baltimore Canyon and northeastern side of the Poor Mans Canyon. This signals a substantial improvement in the conditions over these areas. It remains to be seen if this feature will continue to cover the entire Poor Mans Canyon.

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The green water that was over the Poor Mans Canyon has moved past the Rock Piles yesterday and today has moved all the way to the northeastern side of the Norfolk Canyon. It appears that the section over the Washington Canyon to Norfolk Canyon is also being pulled offshore by the Gulf Stream. This green water is likely to be replace by the blue-green water inshore of these canyons. Unfortunately, the offshore motion is usually associated with slow fishing action.

Continued on next page

There are no large eddy features moving northeastward from Cape Hatteras, but note the curve in the Gulf Stream near 72°00'W & 38°00'N. This is the beginning of a Gulf Stream meander and it will progress eastward this week. The presence of this meander suggests that the blue water now over the Baltimore Canyon and Poor Mans Canyon may not reach the Washington Canyon. Also that the water over the 1000 fathom curve from the Wilmington Canyon to the Poor Mans Canyon will be moving eastward like it did last week during the Ocean City White Marlin Open. Eastward motion over the 1000-1500 fathom depths is not a favorable motion.

Bottom line: There are several areas where the conditions have been improving the last few days and these will improve your chances for finding fish both over the 1000 fathom curve and the main canyon walls as a function of the number of days that water mass boundaries remain over a particular area. See the individual analyses for details.

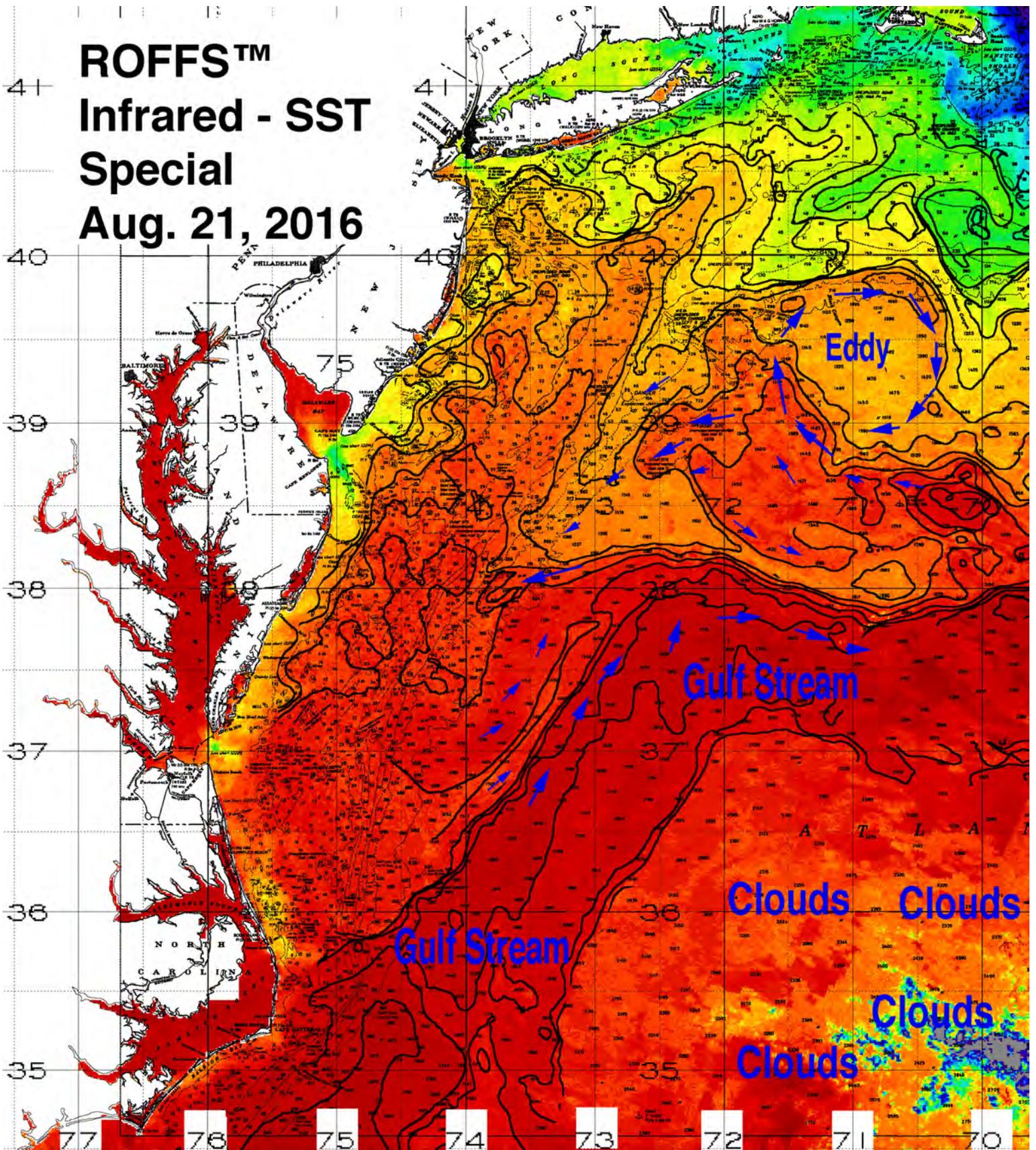
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Reminder: Don't to get your hooks deeper into the water column to get them closer to the strike zone of the fish unless the fish are at the surface. Use planers, down riggers, deep diving plugs and weights (with rubber band release for safety) to submerge your hooks.

Thanks for Using ROFFS™ this week. We will always help you find the fish by providing the most reliable and comprehensive fishing oceanographic analysis for your every day fishing. Call us for your next trip as every fishing trip is important. Verbal updates are free between 10:30 AM and 11:59 AM (eastern time) only, please call. Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty. **Summer hours** May 21 - September 12: Mon. - Fri 9:00 AM-9:00 PM, Saturday 9:00 AM - 5:00 PM (sometimes close earlier, order by 12 Noon). **Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/> and press and hold on Order Analyses button) or by email. The ROFFS™ Graphic analysis is on the next page.**

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