

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.**  
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**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS**  
**FOR THE HUDSON CANYON TO NORFOLK CANYON**  
**UPDATED ON SUN. 17 AUG 2008 FOR SUN. P.M. & MON. FISHING ONLY**

Due to the clouds yesterday and today we are using the satellite imagery from Friday for this overall view. Today's analysis for tomorrow's fishing is from today's satellite data

During this past week the better fishing action has been associated with the blue-green to blue water mass boundaries over this region. Also during this past week the clockwise rotating, egg-shaped Gulf Stream eddy centered near 72°30'W & 37°45'N shed two bands of blue water. The eddy has consolidated its core circulation and became smaller as it moved southward. It remains to be seen if the eddy will continue to drift southwestward or will be advected into the Gulf Stream. The eddy is oriented in a northwest-southeast direction. As the eddy rotates it will continue to pull the green turbid coastal water offshore between the Lindenkohl Canyon and the Carteret Canyon. During the latter part of the week we observed a counter-clockwise circulation develop over the 1000 fathom depths of the Hudson Canyon that is pulling the blue water from the Hudson Canyon over the Toms Canyon to the Carteret Canyon. Inshore of the Toms Canyon, the boundary of the blue (78.5°F) to blue-green water (77.5°F) has been providing favorable conditions over the 45-50 fathom depths near the last seven days. It remains to be seen if this counter-clockwise circulation will develop which would favor the fishing action to be over the 45-50 fathom depths inshore of the Toms Canyon area. Note that the 76.5°F water shown over the 1000-1500 fathom depths of the Hudson Canyon is green colored and some of this water is moving toward the 500-100 fathom depths of Toms Canyon which is not favorable for improved fishing action as the fishing action associated with the green to blue-green water mass boundaries this week has not been good. A few bigeye tuna were caught last night over the 100 Square area over the Hudson Canyon was slow. If the counter-clockwise circulation develops further, the fishing action over the west wall of the Hudson Canyon is likely to improve. The conditions over the Lindenkohl Canyon have declined since mid-week due to the offshore flow of the green water. Carteret Canyon has green turbid water over it.

Over the 100 fathom depths of the Spencer Canyon the conditions are changing as well, as the current is moving southwestward bringing in the greener more turbid water today. We had seen favorable (northeastward) current and water mass boundaries over the northeast side of Spencer Canyon for the last ten days and had received reports of blue marlin and bigeye tuna over the 350-500 fathom depths the last few days, but fishing action during the last 24 hours was not good.

The conditions over the Wilmington Canyon are not as favorable as those west and over the Baltimore Canyon. While favorable conditions have existed north of the Wilmington Canyon over the 40 fathom depths for the last three days and there has been some white marlin and tuna action there, the green turbid water is likely to override this area tonight.

Substantially better chances for fishing action occur over the Baltimore Canyon to the Poor Mans Canyon areas particularly from the 50 fathom curve north of the Baltimore Canyon to the west wall of the Baltimore Canyon along the blue-green to blue water mass boundaries. There also has been marlin and tuna action over these areas. These boundaries continue to the 100-500 fathom depths of Poor Mans Canyon to the 500 fathom Lumps of the Washington Canyon suggesting that fishing action will extend offshore.

In three to five days the egg shaped eddy will start pushing the blue water westward enhancing the conditions over the Baltimore Canyon and Poor Mans Canyon area. It remains to be seen if this will result in the fishing action moving to shallower depths as the water mass boundaries move westward.

We will provide other regional scale analyses this week as conditions warrant.

**Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty.**

