

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.**  
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**ROFFS FISHERIES OCEANOGRAPHIC ANALYSIS**  
**FOR THE NORFOLK TO HATTERAS OFFSHORE LORAN**  
**UPDATED ON FRI. 18 JULY 2008 FOR FRI. P.M. & SAT. FISHING ONLY**

Based on a multiple factor analysis, the symbols (hot spot dots) mark the areas where bait concentrations are expected and where fishing action is expected to be better compared with other (non-marked) areas. These are not based on dock rumors or hearsay fishing reports. Fishing reports are stated as such. You should start fishing where you recognize other signs of good fishing conditions near these marked areas. It is very important to use your sea surface temperature (sst°) gauge to locate the boundaries of the water masses, which are outlined. Rather than trying to find water based on the absolute temperature values shown on the map, search for the relative change in sst where the water mass boundaries occur. Arrows indicate the main current direction. Numbers inside of the dots indicate the number of consecutive days that we have seen favorable conditions in that location. Broken lines (small dotted lines) are water mass boundaries detected from the ocean color (chlorophyll + CDOM) satellite data.

We were able to see this area clearly this morning, but this afternoon we had substantial interference from the high haze and uneven atmospheric moisture. However, this afternoon we were able to see this area using the NASA ocean color satellites. This allowed us to see the relatively small pool of blue water southeast of the Cigar (80.7°F) where we have received reports of fishing action with tuna, dolphin and marlin. This pool is mixing and blending with the surrounding waters, but your chances for fishing action will be good over the 35-45 fathom depths near 26850 & 41000 where favorable water mass boundary conditions have existed for the last five days. Additional chances for fishing action occur along the southern boundary of this pool to the 100 fathom curve (near 26825 & 41010). The northern boundary of this pool will also increase your chances for fishing action from the 30 fathom curve (near 26850 & 41100) to the 100 fathom curve (near 26825 & 41100). West of this area your chances for fishing action will be increased over the 20 fathom curve particularly near 26880 & 41025 as these water mass boundary conditions have existed for the last three days. Southeast of these areas the western boundary of the blue pool of water has been over the 500 fathom curve near 26795 & 40910-950 for the last two days suggesting that your chances for fishing action will be improved. While this water is moving southward we anticipate that the boundary will remain over the 500 fathom curve in the morning. North and over the 1000 fathom depths (26750 & 41090) better chances for fishing occur as this boundary has been seen for the last four days. Northeast of Oregon Inlet there has been a green water mass boundary by the Tower B for the last five days which strongly suggests that fishing action is likely near 26860 & 40850.

**VIRGINIA BEACH:** While the better chances for fishing action occur over and southeast of the Cigar, there are a few other areas that will increase your chances for fishing action. For school bluefin tuna try the 10 fathom ledges near 27035 & 41185 and the good bottom near 26960 & 41310. For yellowfin tuna and perhaps some white marlin try the northern boundary of the blue/green water from the 20 fathom curve (near 26880 & 41275) to the 100 fathom curve (near 26825 & 41300). The 50-100 fathom tip of the Norfolk Canyon will also increase your chances for some fishing action near 26875 & 41525. Northeast excellent chances for fishing action continue over the 70-200 fathom ledges near 26820 & 41650 where favorable conditions have existed for a week.

**OREGON INLET:** East of Oregon Inlet the southern boundary of the blue – blue/green water is likely to provide fishing action over the 100 fathom curve near 26810 & 40690 where relatively favorable conditions have existed for the last three days. Start there and move northward to 26825 & 40780, but not southward to the green water that is moving offshore. The western boundary of the Gulf Stream is over the Point suggesting that some dolphin action is likely. Before heading there try the 100 fathom curve near 26800 & 40625 for some increased chances for tuna and dolphin.

**EASTERN BOUNDARY:** The eastern boundary of the Gulf Stream was observed today over the 1500 fathom depths and appears as a band of water with sst of 80.7°F. Your chances for fishing action will be increased from 26675 & 40470 to 26650 & 40700

Remember you can order your fishing analyses via email or from our website ([www.roffs.com](http://www.roffs.com)).

**Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty. Verbal updates are free between 10:30 a.m. and 11:59 a.m. please call.** Remember you can order your fishing analyses via email or from our website. **SUMMER office hours: Mon. - Fri. 9:00 AM - 09:00 PM. Saturday hours: 9:00 AM – 5:00 PM, but sometimes we will close earlier depending on demand, clouds, weather. Requests for analyses should be called on Saturdays by noon during May/June and 1:00 PM during July-August so we can schedule staff's hours.**

