

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC. TOLL FREE 800 677-7633 & (321) 723-5759 // WWW.ROFFS.COM**  
**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE CAPE LOOKOUT INSHORE AREA (LORAN)**  
**UPDATED ON TUESDAY 30 JUNE 2009 FOR TUESDAY P.M. & WEDNESDAY 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 are 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. Bottom depths in fathoms (6 feet = 1 fathom).

We were able to see this area clearly today to increase your chances for kingfish action and perhaps offshore tuna, wahoo and dolphin action. Please keep in mind that your better chances for inshore fishing action are likely to occur where you locate either the SST and/or the ocean color (greener to bluer) water mass boundaries especially over good bottom structure. We have been able to follow the ocean conditions in this area today using infrared (sst) and ocean color (chlorophyll+CDOM). When making a decision on where to fish please keep in mind that the favorable conditions with that intermediate water clarity and chlorophyll +CDOM (blue-green to blended blue water) are likely MORE favorable than the green turbid river runoff and well-mixed waters based on research. Also, keep in mind that a sudden change of wind direction will destabilize the indicated water mass boundaries, and also a steady strong wind in one direction will move the water mass boundaries according to the wind direction. If it is correct, the forecast is for winds out of the south then shifting to out of the west 10-15 knots over the next 24 hours and it light and variable winds right now, please and use the analysis accordingly. There appears to be a small eddy offshore of Cape Lookout Shoals in the 33-50 fathom depth range. Based on the currents and Gulf Stream movement we have indicated with hot spot dots and arrows where we expect the conditions to be favorable by tomorrow. The morning temperature of the main body of the Gulf Stream is approximately 84.5° F- 85.0°F.

**Cape Lookout West:** The better conditions for kingfish action appear to occur where it has been favorable for two days along the blue-green to bluer 80.6° F- 81.7°F water mass boundary over the Wreck and Good Bottom near 27095 & 39489 to near 27120 & 39450. Directly offshore of Cape Lookout the better conditions for kingfish occur along the green to blue-green 78.8°F – 79.7° F- 80.6°F water mass boundary over the Cape Lookout Shoals from near 27085 & 39665 extending offshore to near 2750-70 & 39600. Further offshore you will better your chances at kingfish, tuna, dolphin and wahoo action where the 83.9°F bluer Gulf Stream filament will push inshore by tomorrow from near 27120 & 39250 extending northeast to near 27100 & 39370 to near 27057 -67 & 39427-39385 and extending further northeast to the 71.7° F- 82.9°F water mass boundary near 27000 & 39580.

**Cape Lookout East:** In this area, the better conditions for kingfish action will occur first of all along the green to blue-green 78.8°F – 79.7°F water mass boundary offshore of Drum Inlet over the 10 fathom ledges near 27049 & 39855 to near 27025 & 39942 (favorable for two days). Further offshore good kingfish action is likely where it also has been favorable for two days along the blue-green to bluer 79.7° F- 80.6° F- 81.7°F – 82.9°F water mass boundaries over the good bottom and wrecks near 27012 & 39810-12 and east-northeast to near 26975-58 & 39875-39910. Further offshore, you will increase your chances for kingfish, tuna, wahoo and dolphin action where you find the bluer Gulf Stream related waters (82.9°F – 83.7° F) near 26950 & 39910-15 and offshore over the 100 fathom ledges near 26930-37 & 39770-80 to near 26920 & 39865. Even further offshore you will find good conditions for marlin, tuna, wahoo, and dolphin action along the main edges of the Gulf Stream (83.7° F- 84.5°F) from the 100 fathom ledges offshore of Cape Lookout near 26970 & 39625 extending northeast to the 150 fathom ledges near 26929 & 39770 to near 26895 & 39850.

**Remember you can ORDER and DOWNLOAD your fishing analyses 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 12:00 NOON. SUMMER office hours: Mon. - Fri. 9:00 AM - 09:00 PM. Saturday hours: 9:00 AM – 5:00 PM, but often we will close earlier depending on demand, clouds, and 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 our staff's hours. **We will be open Sat. July 4<sup>th</sup> until 5pm, but will be closed Sunday and Monday July 5<sup>th</sup> and 6<sup>th</sup>.**

