

**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 FEAR INSHORE AREA (LAT./LONG.)**  
**UPDATED ON FRIDAY 31 OCTOBER 2008 FOR FRIDAY P.M. & SATURDAY 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. Afternoon sst° are likely to be 1°F - 2°F warmer than those shown here. Bottom depths in fathoms (1 fathom is approximately 6 feet).

We were able to see this area clearly today to increase your chances for kingfish action. In fact we used a combination of ocean color/chlorophyll imagery along with SST imagery to find the more favorable conditions for fishing action, as ocean color boundaries are just as important as SST boundaries. Keep in mind that your better chances for kingfish action will occur where you find the water mass boundaries over good bottom such as Reefs, Wrecks, Fish Havens, Obstructions, Dump Sites, Ledges. Our research results have also shown that kingfish may prefer ocean conditions within blue-green or blended blue water so if conditions are not favorable inshore as indicated, then you may want to venture further offshore to bluer and clearer water masses, especially where it has been favorable for two to three days. Also, the winds are blowing 10-20 knots out of the Northeast throughout this entire area, so please keep in mind that the inshore water mass boundaries will drift up to 1-2 miles with the wind, HOWEVER, if the wind changes direction it is likely to shift and destabilize the water mass boundaries inshore that area not effected by the offshore Gulf Stream. We have also indicated due to the water flow (with arrows) where we expect the more favorable conditions to move to by tomorrows fishing time. This time of year, kingfish prefer sst° within the range of 67°F – 73°F.

**Cape Fear:** Coming out of this area, you will increase your chances for kingfish action where you locate the blue-green to bluer and blended blue water mass boundaries between the range of 68°F – 72°F especially where it has been favorable for two to three days. These better conditions occur southeast of Frying Pan Shoals mainly over the good bottom and 10-15 fathom ledges starting near 77°35-37'W & 33°26-29'N near Frying Pan Horn and northeast to near 77°25-28'W & 33°28-32'N (favorable for three days) and further north over the good bottom near 77°28'W & 33°35'N to north northeast along the 69.2°F – 72.9°F near 77°20'W & 33°42'N. Offshore and east of Cape Fear, you will increase your chances for fishing action where it has been favorable for two days along the green to blue-green 67.6°F – 69.2°F – 71.7°F water mass boundary starting near the 10 fathom tips near 78°00'W & 33°32'N extending east to near 77°41-50'W & 33°33'N and further south where you find the bluer 72.9°F water near 77°45-55' W& 33°26-29'N (favorable for two days). Further south and west you will find good conditions for kingfish action where you locate the blue-green to bluer water mass boundaries (69.2°F – 71.7°F – 72.9°F – 75.3°F where it has been favorable for two days in the general area near 78°00-10-15'W & 33°21-22'N and south to near 33°10-13'N especially near the wreck near 78°15'W & 33°08-09'N. Further offshore, you will increase your chances for fishing action where we expect the water mass boundaries to push by tomorrow (72.9°F – 77.0°F) near 77°10'W & 33°15'N extending southwest to near 77°20'W & 33°06'N. Also, east of Carolina Beach Inlet you will increase your chances for fishing action where it has been favorable for two days over the Fish Haven and 10 fathom ledges near 77°33-36'W & 33°57-34°00'N and further southeast along the 69.2°F - 71.7°F water mass boundary near 77°25-27'W & 33°53-56'N (favorable for two days).

**Cape Lookout East:** The best conditions for kingfish action in this area appear to occur along the blue-green to bluer 69.2°F – 75.3°F water mass boundary between the 15-20 fathom depths where it has been favorable for two to three days from near 77°10-15'W & 33°52-55'N and north and northeast to near 77°01-05-12'W & 33°57-58'N to near 76°57'W – 77°01'W & 34°02-03'N. Further north and east you will also increase your chances for fishing action where you locate the warmer and bluer 69.2°F – 75.3°F – 77.0°F waters especially where it has been favorable for two days near 76°30-38'W & 34°02-07'N extending west to near 76°49'W & 34°05-06'N and further north along the 67.6°F – 69.2°F water mass boundary from near 76°34-35'W & 34°41'N extending west to near 77°03'W & 34°14'N. The remaining conditions inshore of 10-15 fathoms are likely too cool for good kingfish action.

**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. **Fall office hours: Mon. - Fri. 9:00 AM - 05:00 PM. Not open Saturday or Sunday until April 2009.**

