

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.
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ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS

FOR THE GEORGETOWN TO CAPE FEAR OFFSHORE (LORAN)

UPDATED ON THURSDAY 28 MAY 2009 FOR THUR. P.M. & FRIDAY 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 warmer than those shown here. Bottom depths in fathoms (1 fathom = approximately 6 feet).

We were able to see most this area clearly today to increase your chances for tuna, wahoo, dolphin, marlin, and swordfish action. The morning temperature of the main body of the Gulf Stream is approximately 80.2°F - 81.4°F. Overall, there are two influencing eddy features in this area, one south of the Explosives Dump to 380 Hole, and one dominant large eddy offshore of Cape Fear that takes over the majority of the eastern-charted area. We have located with arrows and dots where we expect the conditions to be favorable by tomorrow as a result of these eddies and Gulf Stream flow. **BOTTOM LINE:** The better conditions for fishing action (for wahoo, tuna, dolphin, and especially marlin) is where you locate the main edges of the Gulf Stream water and related eddies and filaments, usually bluer and warmer water (77.3°F 80.2°F– 81.4°F).

Cape Fear: Coming out of this area the BEST conditions for fishing action will occur over the Steeples area where it has been favorable for two days and the Gulf Stream 78.8°F water is pushed in a favorable inshore direction by the large offshore eddy near 45047-75 & 59290-335 and east near 45050-55 & 59275 extending northeast to between the 20 and 50 fathom ledges near 45070 & 59225 and inshore along the blue-green to bluer 75.7° F- 78.8°F water mass boundary inshore of the 20 fathom ledges near 45110-12 & 59110 southwest to near 45100 & 59225. Additional good conditions for fishing action will occur where you locate the 77.3°F – 78.8°F Gulf Stream related pools of water mainly over the 50 fathom ledges near 45080 & 59390-95 where it has been favorable for two days but also offshore where you locate the inshore edges of the large eddy (76.7°F – 78.8°F) near 45020 & 59400 south to near 44960 & 59550. Further offshore and east northeast you may want to try fishing for marlin action along the 78.8°F filaments of water within the large eddy in the 250-300 fathom range.

Georgetown/Charleston: Coming out of this area, the better conditions for fishing action will occur starting over the 50-75 fathom ledges along the inshore edges of the 78.2°F Gulf Stream filament from near 45170 & 60300 extending northeast to near 45167 & 60050. Further offshore you will find BETTER conditions for marlin action along another 78.2°F Gulf Stream filament edges and where we expect it to push by tomorrow starting offshore of Edisto Banks over the 100 fathom ledges near 45135 & 60425 extending northeast where it has been favorable for THREE days near the Little Dump and 380 Hole near 45115-25 & 60250-310 and further northeast over the northern edges of the Ammo Dump to over Bubble Rock near 45079-120 & 60025-100. You will also find good conditions for fishing action where we expect the 79.1°F Gulf Stream filament edges to be by tomorrow including over Georgetown Hole (favorable yet different for three days) near 45140 & 59930 extending east northeast over the 100 fathom ledges and offshore near 45090 & 59850-925 and offshore to near 45000 & 59855 to near 45020 & 59775. Then if you wish to fish further offshore you will find GOOD conditions for fishing action along the main western edges of the Gulf Stream (78.2°F – 81.4°F) which will be approximately near 45090 & 60525 extending northeast just south of the 226 Hole to southeast of the Explosives Dump area near 45025-30 & 60130 and further east to south of Beaufort Valley near 44980 & 59960-65.

Northeast of Georgetown Hole you will increase your chances for marlin action where you find the 76.8°F – 78.2°F water mass boundaries roughly along the 100 fathom ledges near the Sanctuary near 45107 & 59837 northeast to near 45100 & 59750. Further north you will also find good conditions for fishing action where you find the 77.3°F – 78.8°F Gulf Stream water mass near the 100 fathom ledges and inshore near 45100-30 & 59620-35. The waters in the north are pulling in an unfavorable offshore direction making the conditions in the southern half of the charted area a better option. You may want to venture offshore of the 100 fathom ledges to locate where we expect the 76.8° F- 78.8°F edges to be tomorrow from near 45060 & 59550 south to near 44975 & 59625.

Remember you can ORDER and DOWNLOAD your fishing analyses from our website (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.

