

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.**

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**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS**

**FOR THE MIAMI OFFSHORE AREA (LAT./LONG.)**

**UPDATED ON WEDNESDAY 21 JANUARY 2009 FOR WED. P.M. & THURSDAY FISHING ONLY**

Based on a multiple factor analysis, the symbols (hot spot spots) 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.

We were able to see the ocean conditions in this area relatively clearly this afternoon. The estimated morning sst° of the main body of the Gulf Stream is 74.8°F and this feature remains well offshore of the 100 fathom ledge throughout the chart area due to several rapidly moving Gulf Stream eddy features. These features seem to have left behind a band of relatively warmer (71.5°F-72.4°F) blue/blended blue water over the 50-100 fathom ledges inshore that is likely to provide your better chances for fishing action along its edges, particularly where the ocean conditions have remained favorable for three days now. Although the sst° of the offshore Gulf Stream waters appear to have remained relatively stable over the past 24 hours, the strong cold front that passed through the area yesterday has dropped air temperatures significantly suggesting that it would not be surprising if the sst° begin to decline overnight. With this in mind, please be aware that the sst° you find while out on the water tomorrow morning may be as much as 1°F-2°F COOLER than what we have shown here. Remember to look for relative rather than absolute sst° while out on the water.

On your way offshore, good chances for a combination of tuna, wahoo, dolphin, sailfish, and kingfish action continue to occur where we observed the inshore edge of the finger of blue (71.5°F-72.4°F) water for three days now over the 20-50 fathom ledge between Molasses Reef and the Elbow and perhaps as far northward as Carysfort Reef from 80°27'W & 24°56-57'N to 80°16'W & 25°09'N to 80°13'W & 25°13-14'N. Further northward, additional increased chances for fishing action occur where we observed these conditions for three days now as well over the 20-50 fathom ledge between Pacific Reef and Triumph Reef from 80°08'W & 25°22-23'N to 80°06'W & 25°28'N. If fishing action is not satisfactory in these areas, some increased chances for action are also likely to happen over the 100 fathom ledge and just offshore where we believe you will find favorable ocean conditions by fishing time tomorrow morning east of the Carysfort Reef area from 80°04'W & 25°16'N to 80°07'W & 25°08-09'N with better chances for action occurring southward east of Molasses Reef where we have observed favorable conditions for two days now over the 60-90 fathom depths from 80°13'W & 25°02-03'N to 80°18'W & 24°56'N.

If you are fishing offshore of the Miami area and northward, some good chances for action are likely to happen where we have observed the inshore edge of the blue (71.2°F) water for two to three days now meet the cooler green inshore waters over the 20-50 fathom ledge offshore of Miami and northward towards the area offshore of Hallendale and Port Everglades from 80°06-07'W & 25°42'N to 80°05'W & 25°57'N to 80°04-05'W & 26°12'N. Continuing offshore, some increased chances for fishing action are likely to occur where we believe you will find the western edge of the relatively warmer (73.2°F-72.4°F) blue water pushing in a favorable inshore direction towards the 100 fathom ledge from 80°04'W & 25°38'N to 80°03-04'W & 25°53'N to 80°03'W & 26°10'N.

**Winter office hours: Mon. - Fri. 9:00 AM - 05:00 PM. Not open Saturday or Sunday until April 2009.** If you are planning to fish on Sunday or Monday we will provide an analysis on Friday. If for some reason that Friday analysis is not useful for you, then call our office by Monday 5:00 PM to ask for a credit.

