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FISHERIES OCEANOGRAPHIC ANALYSIS

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

UPDATED ON FRIDAY 04 SEPTEMBER 2020 FOR FRIDAY P.M. AND SATURDAY FISHING ONLY

Based on a multiple factor oceanographic analysis, the indicated areas (hot spot dots) on the analysis mark the areas where bait concentrations are expected and where fishing action is expected to be better compared with other areas. Numbers inside of the hot spot dots indicate the number of consecutive days that we have seen favorable oceanographic conditions in that location. These areas are not based on dock rumors or hearsay fishing reports, they are based on oceanographic knowledge and expertise. You should start fishing where you recognize other signs of good fishing conditions near these marked areas (ie. rips/slicks, weed lines, birds, etc). It is very important to use your sea surface temperature (SST) gauge to locate the boundaries of the water masses, which are outlined in black. PLEASE REMEMBER, rather than trying to find water masses 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. 1 fathom = approximately 6 feet. Afternoon SST is likely to be 1.0°F or more WARMER than indicated by the morning SST calibration on this analysis. NUMBERS IN PERENTHESIS AFTER LOCATIONS ARE NUMBER OF DAYS THAT SPOT HAS BEEN FAVORABLE. **We now provide cloud-free SST and ocean color/chlorophyll data from our new partner Fathom Science™ for at 6am forecast for the next day. This data is cutting-edge, high resolution, cloud-free modeled data that has been evaluated and validated by ROFFS™ along with other oceanographic scientists and proven to be the most accurate cloud-free data available to guide you in the right direction to increase your chances for fishing action. The cloud-free data will not be as accurate as the real time satellite imagery, but it will guide you to the general area for the better features, especially when it is cloudy. For more information please visit <https://www.roffs.com/faqs/>.**

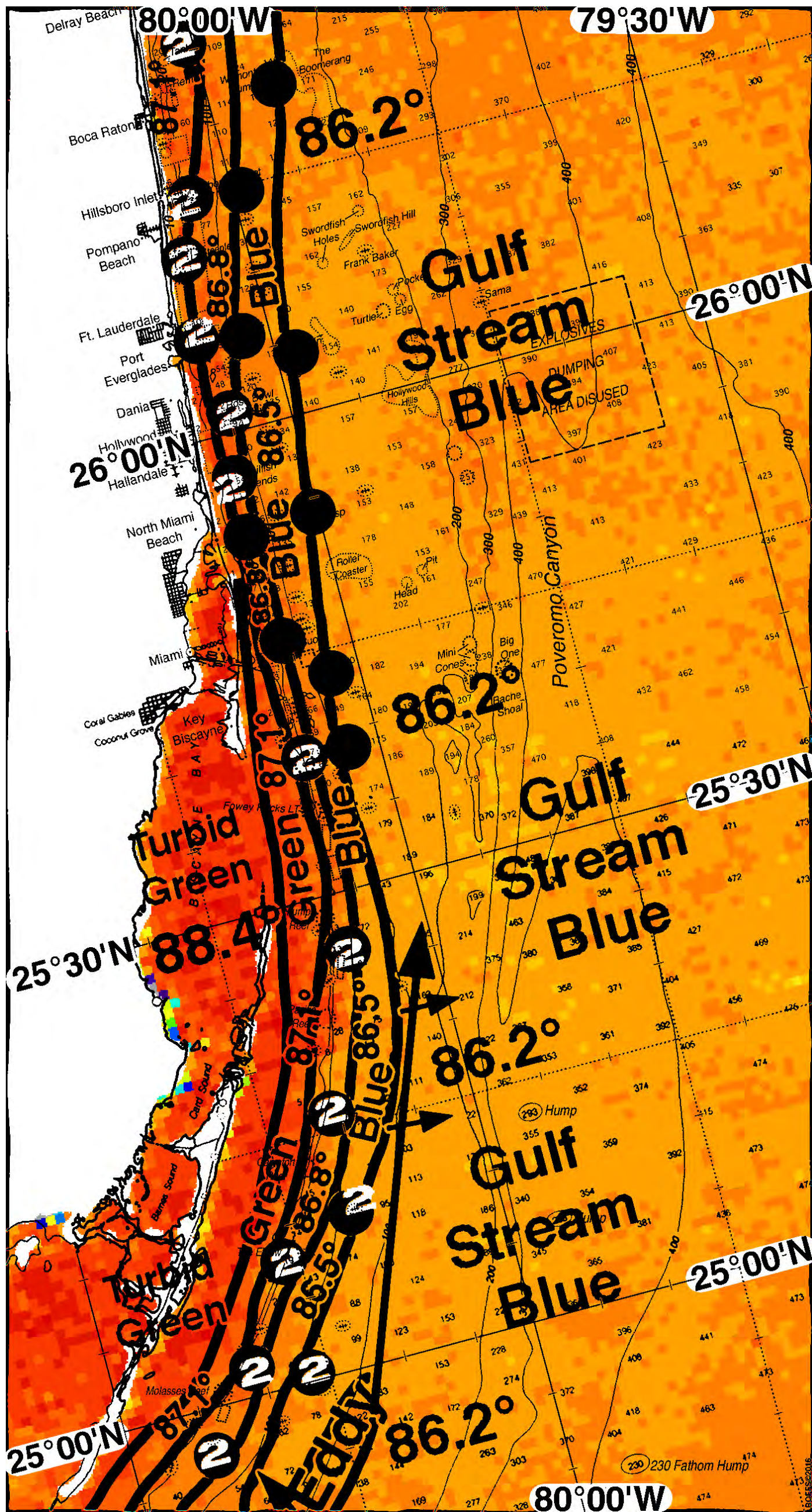
We were able to see the area clearly again today using infrared sst° satellite imagery from this morning to increase your chances of wahoo, tuna, mahi, and billfish. The main body of the Gulf Stream is approximately 86.2°F with one eddy observed in southern charted area over 100 fathoms off of Molasses Reef near 80°15'W & 24°56'N resulting in blue 86.2°F water pushing inshore along 50-70 fathoms. By tomorrow, we expect this eddy will be off of Card Sound creating similarly favorable conditions inshore. Looking north, conditions are relatively stable with the western Gulf Stream edge extending along 130-150 fathoms, blue water inshore along 70-100 fathoms, and blue green to blended blue water along 20-70 fathoms. We have included an ocean color/chlorophyll composite image from this afternoon so you can get a sense of where the bluer and greener water is located (email only, white=clouds).

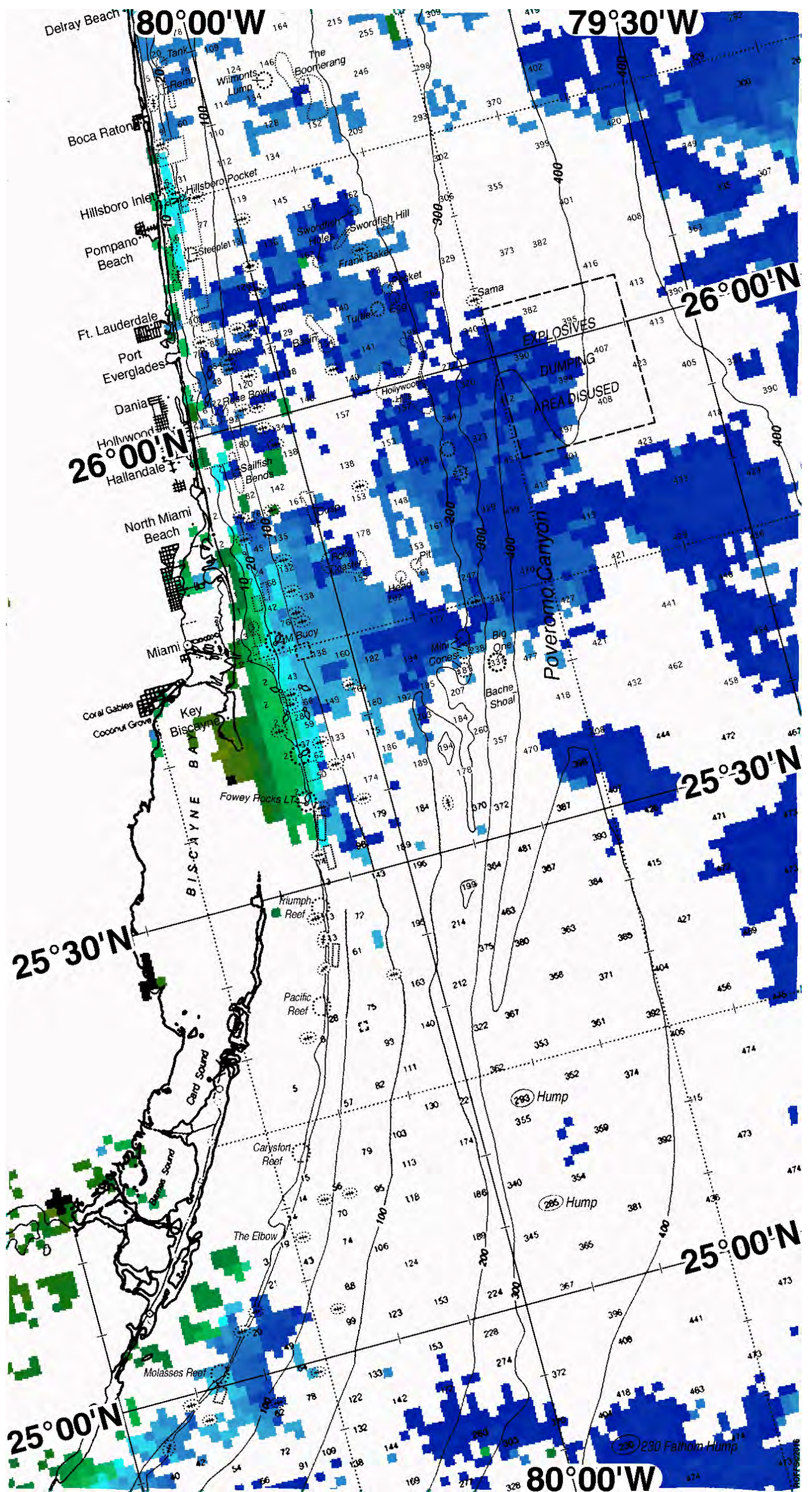
Overall, conditions suggest your best chances for tuna, dolphin, wahoo, and billfish action out of Port Everglades will occur be along the 85.8-86.5°F blended blue to blue filament edges we've observed over good bottom along 50-70 fathoms for up to two days near such as the wrecks near 80°02'W & 26°07'N and 80°00'W & 26°15'N and the Rose Bowl near 80°04'W & 26°02'N (2), and Sailfish Bends near 80°05'W & 25°57'N (2). If this area isn't as productive as you'd like we suggest working inshore along the 87.1-86.8°F green to blended blue water mass boundary conditions we've similarly observed over 20-30 fathoms for two days near 80°05'W & 25°55'N (2), 80°06'W & 26°07'N (2), and 80°05'W & 26°15'N (2). Looking further offshore for an additional chance of tuna, dolphin and billfish, you may also want to fish the western Gulf Stream edges along 150 fathoms over good bottom such as the Cusp near 80°00'W & 25°55'N.

Looking further south off of Miami conditions indicate your best chance of action in the area will occur along the 86.2-86.4°F blue eddy edges we predict will be along 70 fathoms off of Triumph Reef to Card Sound near 80°05'W & 25°27'N (2) to 80°09'W & 25°17'N (2). Looking north to Miami, we additionally like the relatively stable western Gulf Stream edges along 70 fathoms over good bottom such as the wrecks near 80°06'W & 25°38'N (2) to 80°07'W & 25°46'N. Looking south of Card Sound, conditions suggest tuna, dolphin, wahoo, and billfish action along the stable 86.8-86.5°F blue green to blended blue filament edges we've observed over 30-50 fathoms such as the Elbow near 80°15'W & 25°07'N and the good bottom south near 80°19'W & 25°02'N (2) and 80°24'W & 24°51'N (2).

ROFFS™ May Hours: Mon – Fri. 9:00 am – 7:00 pm EDT (sometimes later based on demand) with analysis order deadline before 3pm. We are now open on Saturdays 9AM to 4PM (sometimes we close earlier based on demand) analysis order deadline is 10:00am on Saturday. We will be closed Monday September 7th 2020 in observance of Labor Day. *Thank you for not sharing this analysis with non-paying anglers.* Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/>) or by email (fishing@roffs.com). Verbal updates are free while on the water between 10:30 AM and 11:59 AM (eastern time).

The ROFFS™ Graphic analysis is on the next page.

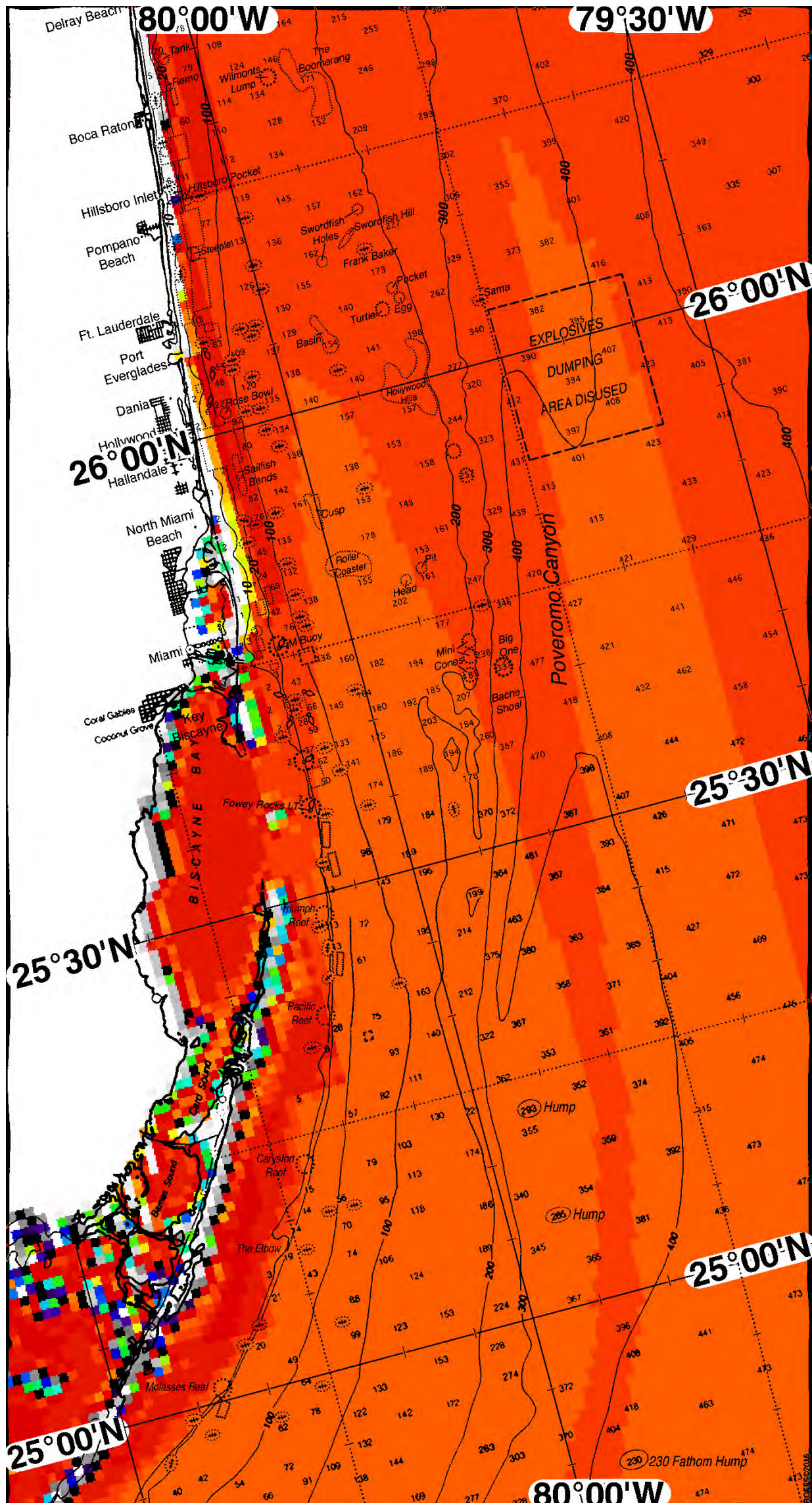






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