

**FISHERIES OCEANOGRAPHIC ANALYSIS****FOR THE PALM BEACH TO MIAMI OFFSHORE/INSHORE AREA (LAT./LONG)****UPDATED ON TUESDAY 25 AUGUST 2020 FOR TUESDAY P.M. AND WEDNESDAY 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 (non-indicated) 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 PARENTHESES 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<sup>TM</sup> 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<sup>TM</sup> 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/>

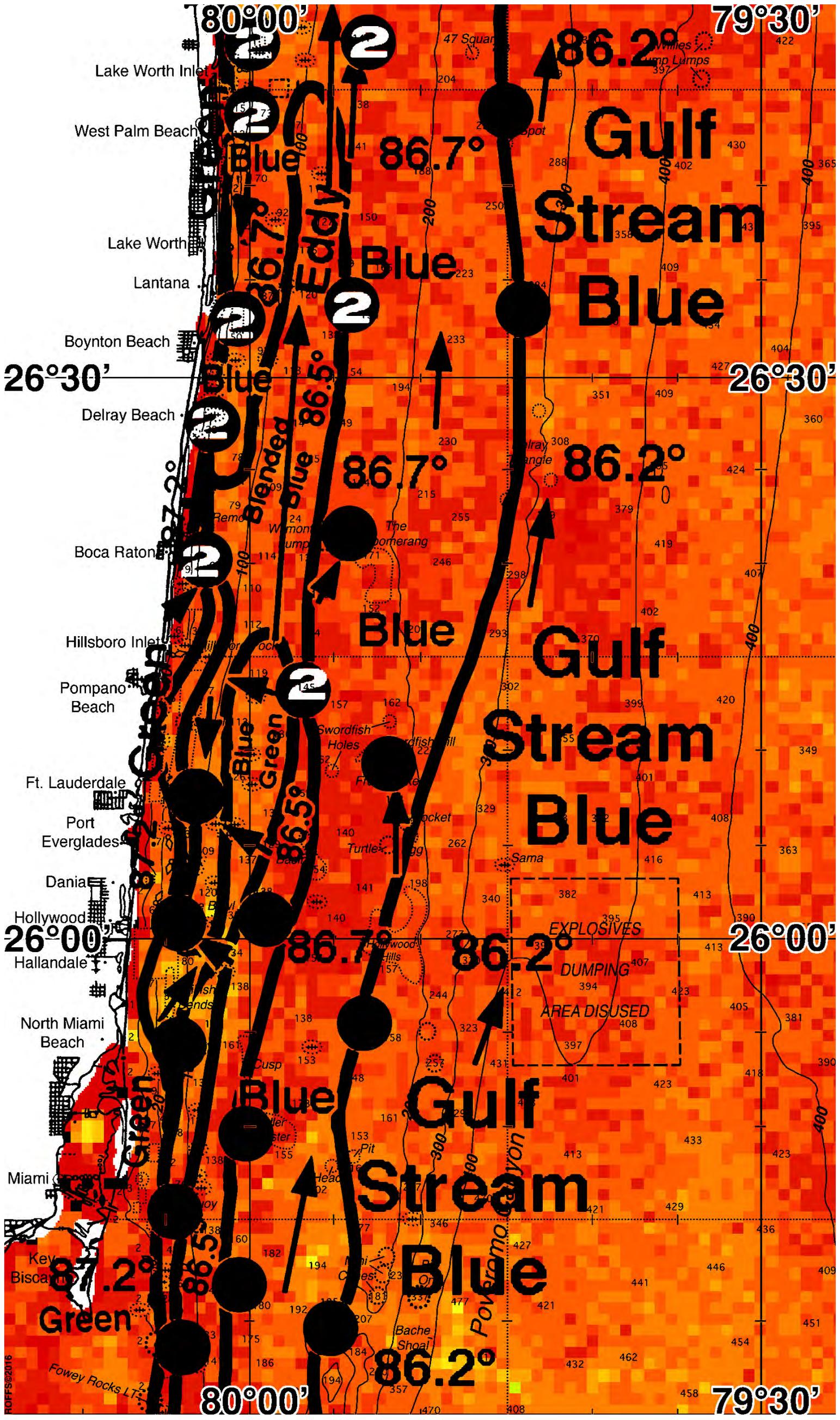
We were able to see the area clearly again today using infrared sst° and ocean color/chlorophyll imagery from this afternoon to increase your chances of wahoo, tuna, mahi, and billfish. The main body of the Gulf Stream is approximately 86.2°F and is located relatively far offshore along 130-300 fathoms due to a large eddy centered over 120 fathoms east of West Palm Beach near 79°54'W & 26°37'N. As a result, we've observed a relatively long filament of blue 86.7°F water extending south over 30-100 fathoms to Boynton Beach and cooler blended blue water inshore along 30-150 fathoms. Additionally with this eddy, we've observed relatively large offshore flows of warmer greener water over 20 fathoms off of Hillsboro Inlet and blue green water over 50-140 fathoms off Hallandale to Pompano. Looking between the blended blue eddy filament dominating the inshore area and the Gulf Stream, we've observed a warmer filament of blue 86.7°F water. By tomorrow, we expect the eddy will push north to Jupiter and the related filaments will push north approximately 15-20 miles indicated by the arrows. 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).

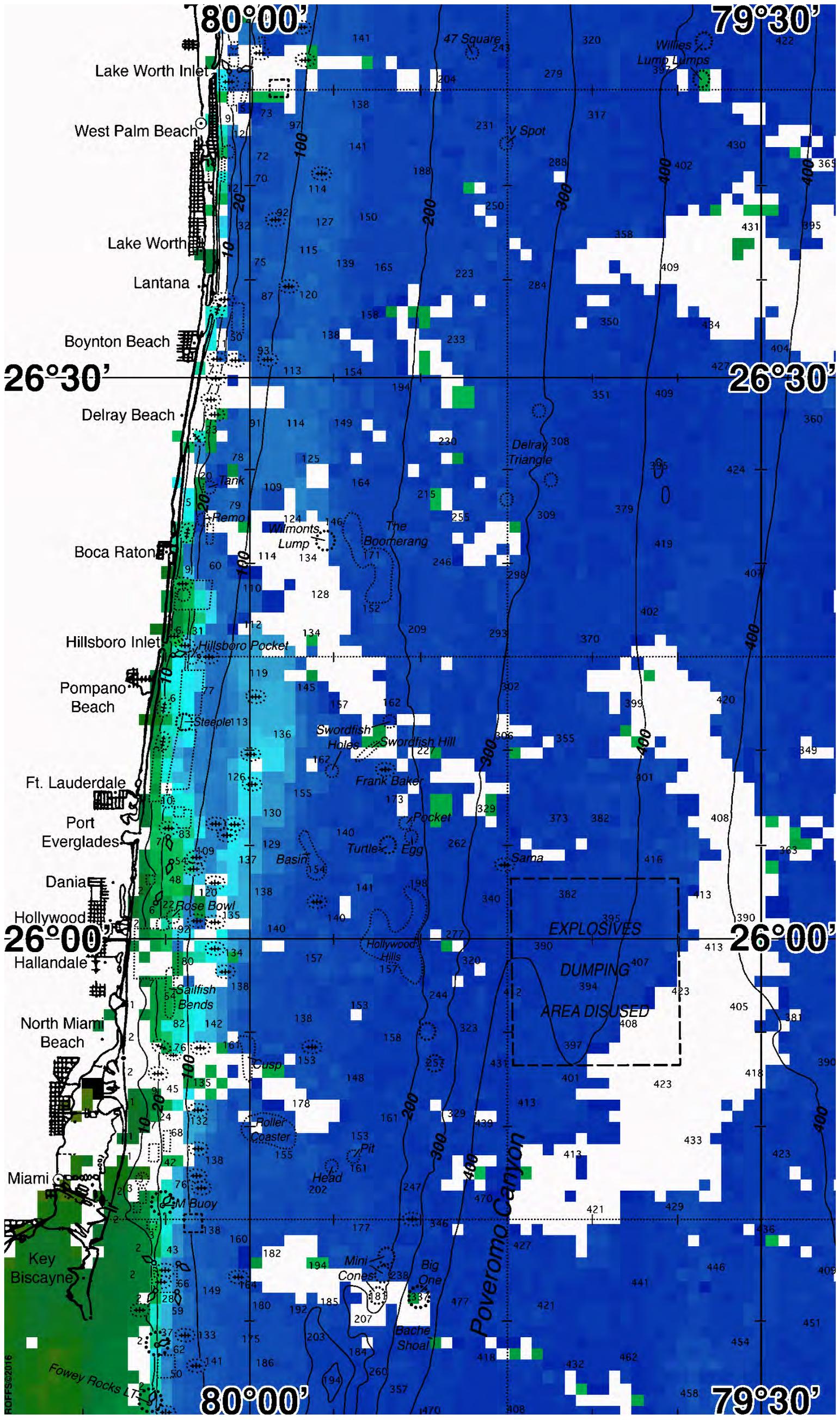
Overall, conditions suggest your best chances for dolphin action out of Hillsboro Inlet will occur along the blue green to blue 86.7-86.5°F blended blue to blue filament edges we predict will be along 150 fathoms near 79°58'W & 26°00'N to 79°57'W & 26°13'N, and the Boomerang near 79°54'W & 26°22'N. Looking further offshore in the area, we also like the western Gulf Stream edges over good bottom along 170 fathoms such as Swordfish Hill near 79°52'W & 26°10'N. Looking inshore the relatively large offshore flow shown off of Hollywood to Pompano will be along Pompano to Delray Beach by tomorrow. We therefore suggest fishing north along the green to blended blue eddy filament edges we've observed along 30-50 fathoms for two days from Boca Raton to Boynton Beach near 80°01-02'W & 26°20-33'N (2).

Looking south, we also like the rebounding green to blended blue filament edges we predict will be along 30-50 fathoms over good bottom off of Fort Lauderdale to Miami near 80°04'W & 26°07'N to the Rose Bowl near 80°05'W & 26°01'N, 80°05'W & 25°54'N and 80°05'W & 25°45'N. If this area isn't as productive as you'd like we suggest fishing the 86.5-86.7°F blended blue to blue filament edges over 150 fathoms near 80°00'W & 26°00'N to the Roller Coaster near 79°57'W & 25°50'N.

**ROFFS<sup>TM</sup> 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. 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](mailto:fishing@roffs.com)). Verbal updates are free while on the water between 10:30 AM and 11:59 AM (eastern time).**

**The ROFFS<sup>TM</sup> Graphic analysis is on the next page.**





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# FATHOM SCIENCE

## SST FORECAST for TOMORROW MORNING FISHING

