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FISHERIES OCEANOGRAPHIC ANALYSIS

FOR THE SEBASTIAN TO HILLSBORO INLET ANALYSIS AREA (LAT./LONG.)

UPDATED ON TUESDAY 7 JULY 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 PERENTHESIS AFTER LOCATIONS ARE NUMBER OF DAYS THAT SPOT HAS BEEN FAVORABLE. **Fathom Science SST and Ocean Color/Chlorophyll Forecasts now included on final two pages.**

We were able to see the area relatively clearly again today using infrared sst° and MODIS/VIIRS color/chlorophyll satellite imagery from this afternoon to increase your chances of wahoo, tuna, mahi, and billfish. Overall the Gulf Stream is 85.3°F, with four eddies in the charted area. Starting in the north, we've observed an eddy over 20 fathoms west of Oculina Bank near 80°06'W & 27°40'N, pushing a thin filament of blended blue water inshore along 15 fathoms in the area. By tomorrow, we expect this eddy will be off of Sebastian, creating similarly favorable conditions in the area. The next eddy is located off of Hobe Sound near 80°00'W & 27°00'N, resulting in blue 84.3°F water inshore along 15 fathoms. By tomorrow, we expect this eddy will be located in between Fort Pierce and Stuart creating similarly favorable conditions inshore. The next eddy is located off of Delray Beach over 100 fathoms near 79°58'W & 26°30'N, resulting in favorable conditions inshore along 15 fathoms. By tomorrow, we expect this eddy will be located off of Hobe Sound, creating conditions similar to those shown currently. The final eddy is located off of Hillsboro Inlet, resulting in favorable blue water inshore along 20 fathoms. By tomorrow, we expect this eddy will be located off of Lake Worth. Looking inshore in the northern charted area, we've observed generally cooler green water extending out to 12 fathoms, with the exception of off of Sebastian. In this area, we've observed remnant blended blue 81.0°F blue water due to an eddy north of the charted area. By tomorrow, we expect this filament will pull offshore along 20 fathoms indicated by the arrows. We have included an ocean color/chlorophyll composite image from yesterday afternoon so you can get a sense of where the bluer and greener water is located (email only, white=clouds).

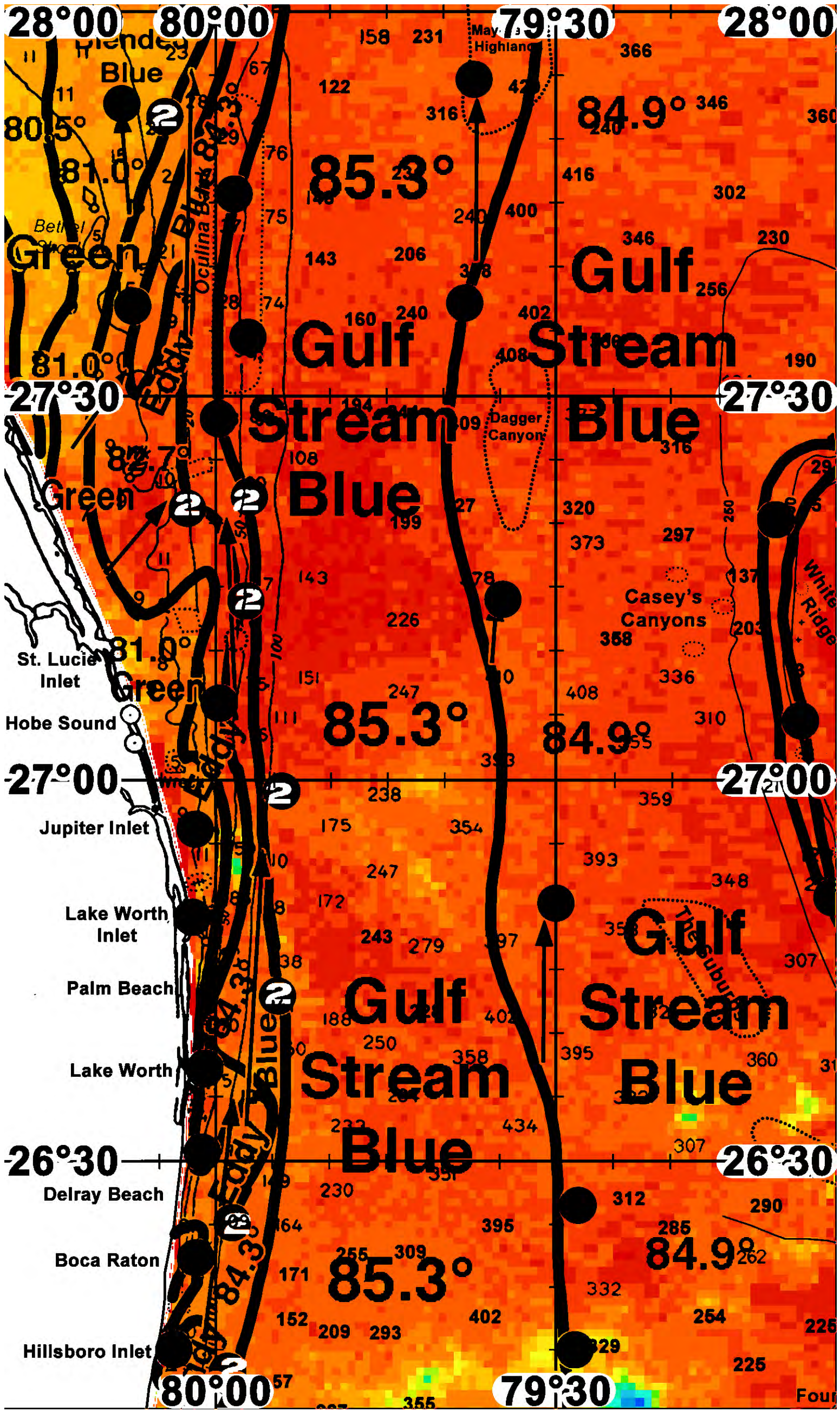
With this in mind, conditions suggest the best chances for tuna, dolphin, wahoo, and billfish out the St. Lucie Inlet will be found along the 82-84°F blue green to blue eddy edges we predict will pushing inshore along 20 fathoms near 80°02'W & 27°20'N (2). From there, we suggest working south along the Gulf Stream to the eddy we predict will be along 15 fathoms off of Jupiter near 80°02'W & 26°56'N to 80°02'W & 26°50'N. If interested in fishing the western Gulf Stream edges, you will find the 84-85°F blue to Gulf Stream blue edges along 80 fathoms from Fort Pierce to Jupiter near 79°57'W & 27°34'N, 79°57'W & 27°22'N (2), and 79°58'W & 27°14'N (2).

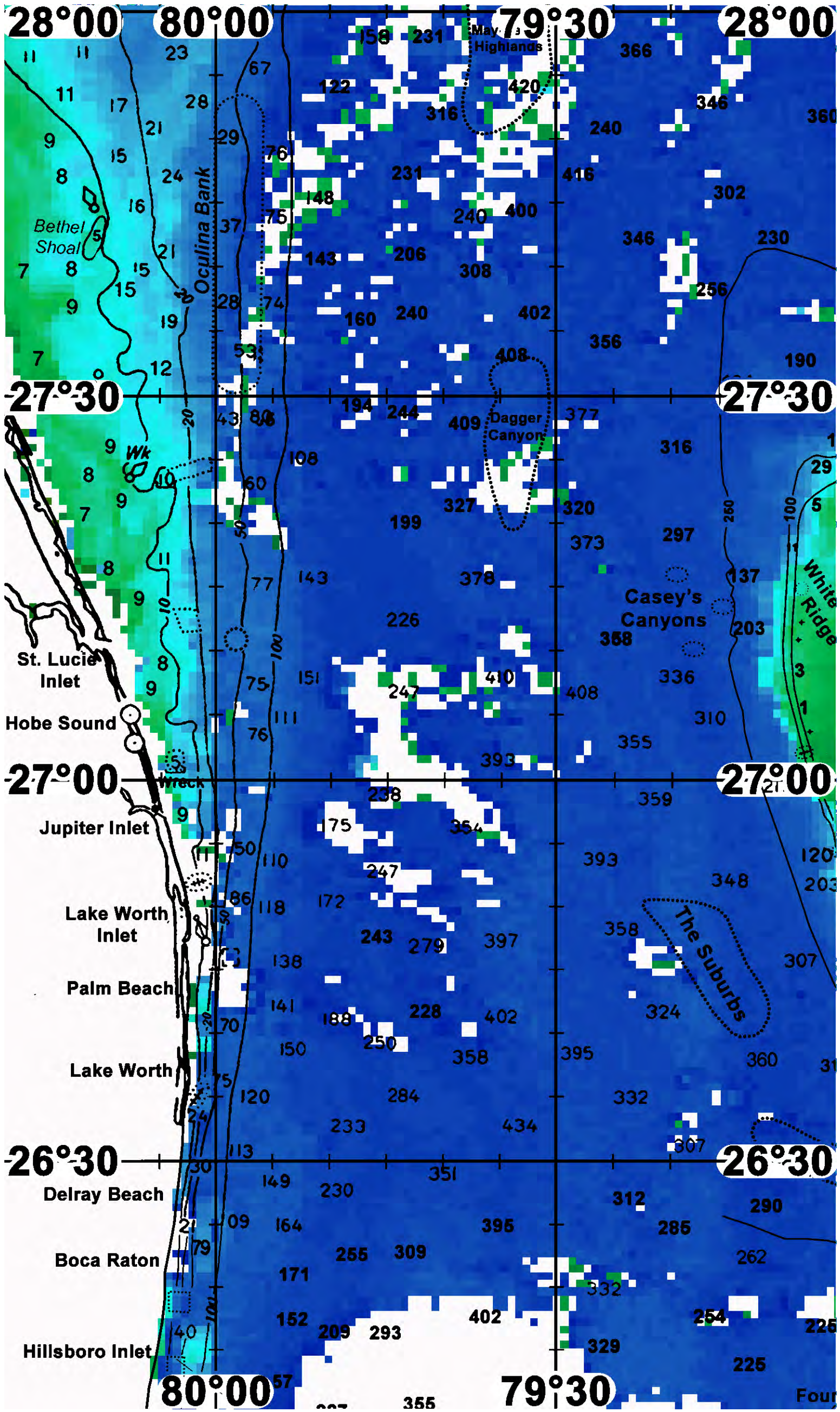
For those of you interested in fishing south of Palm Beach, favorable eddy conditions can also be found along 20 fathoms off of Lake Worth near 80°00'W & 26°37'N. From there, we suggest fishing the blended blue to blue 82-84°F western Gulf Stream edges along 50 fathoms near 80°00'W & 26°30'N to 80°03'W & 26°15'N, or the Gulf Stream core edges along 120 fathoms near 79°58'W & 26°25'N (2) to 79°59'W & 26°14'N (2).

For those of you interested in fishing off of Sebastian, conditions indicate your best chances for tuna, dolphin, wahoo, and billfish will occur along the eddy we predict will be pushing 84.3°F blended blue water inshore along 20 fathoms near 80°05'W & 27°52'N (2) to 80°04'W & 28°00'N. If this area isn't as productive as you'd like we suggest working offshore to the western Gulf Stream edges along 79°58-59'W & 27°35-59'N.

For those of you interested in fishing the eastern side of the Gulf Stream, we suggest fishing where you find the 85.3-84.9°F edge along 79°29'W & 26°15'N, 79°28'W & 26°22'N, 79°30'W & 26°50'N, 79°35'W & 27°14'N, 79°38'W & 27°38'N, and 79°37'W & 27°50'N.

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. 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).

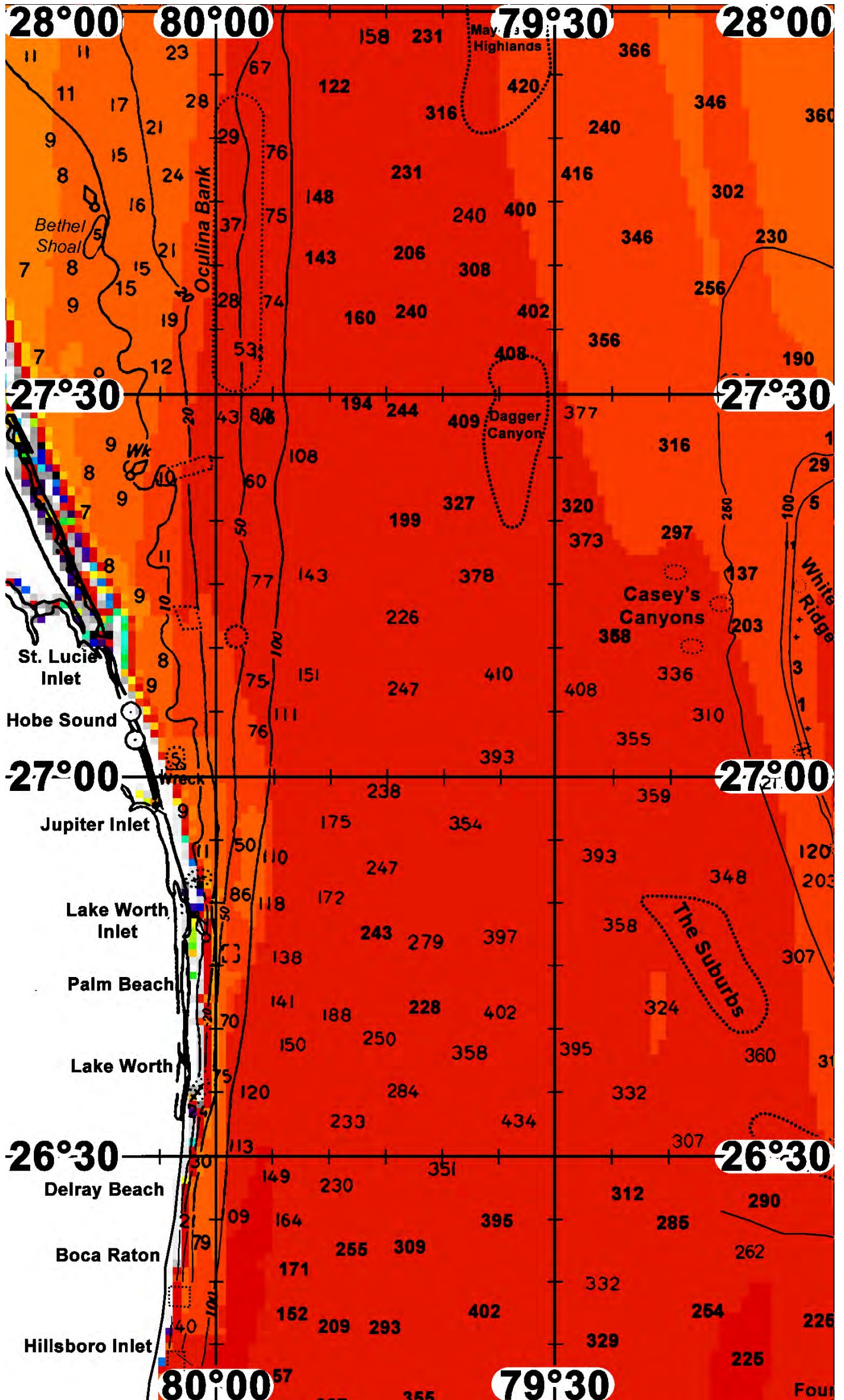






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SST FORECAST for TOMORROW MORNING FISHING





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