

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

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### ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS

FOR THE ST. JACKSONVILLE TO NEW SMYRNA BEACH INSHORE ANALYSIS (LAT./LONG.)

UPDATED ON FRI. 08 JULY FOR FRI. P.M. & SAT. FISHING ONLY

Based on a multiple factor analysis, the symbols (hot spot dots) mark the areas where the symbols (hot spot dots) 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. Broken lines (small dotted lines) are water mass boundaries detected from the ocean color (chlorophyll + colored dissolved organic material or "CDOM") satellite data. **Daytime sst are likely to warm 2°F-3°F.**

We have been able to see this area clearly although there is substantial haze from all the hot air temperatures. We are having substantial challenges with the calibration of the satellite data, but the locations of the water mass boundaries are not affected by this. Note that the sst have increased substantially over the past week due to the hot weather and that the sst are much warmer than the preferred water temperature habitat of the kingfish. This means that to increase your chances for some kingfish fishing action that you will have to put your hooks close to the bottom and certainly below the thermocline. Along the coast we believe that the hot water occurs from the surface to the bottom which means that the water mass shown with 84.3°F is not likely to provide any fishing action. In addition, this water is a turbid green and the kingfish will avoid it.

The most favorable conditions occurs near the bottom in water deeps of 60 feet (10 fathoms) or greater. Based on the location of the water mass boundaries and the persistence of these convergence zone that attract bait fish, your chances for fishing action are best where the hot spot areas have the number "3" inside. Based on recent fishing reports one's chances appear best off Ponce Inlet over the good bottom structure particularly near 80°45'W & 29°10'N, but also just south near 80°46'W & 29°07'N. Additional favorable, but not as good occur over the Fish Haven near 80°45'W & 29°12'N.

Between Ponce Inlet and Matanzas Inlet the more favorable conditions along with good chances for fishing action occur over the 10 fathom good bottom near 80°51'W & 29°34'N and perhaps over the nine fathom lump near 80°55'W & 29°45'N.

Between St. Augustine Inlet and the St. Johns River entrance similar favorable water mass boundary conditions suggest that your chances for fishing action are relatively good near 81°05'W & 30°03'N and perhaps better over the Fish Haven near 81°01'W & 30°12'N. Northeast is slightly deeper water (12 fathoms) there also are good chances for fishing action over the Fish Haven near 80°50'W & 30°17'N and the 14 fathom Fish Haven (near 80°49'W & 30°22'N) will also increase one's chances for kingfish action.

Offshore the most favorable conditions occurs over 20 fathom depths near 80°34'W & 29°56'N.

**Bottom Line:** If you fish the areas identified (#3 dots) in 60 feet (10 fathoms) and there is no bait or kingfish, then move offshore (5-7 miles) to deeper depths to favorable bottom closest to these areas.

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Verbal updates are free between 10:30 AM and 11:59 AM (eastern time) only, please call. Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty. Office hours: January 02 – March 25: Mon. – Fri. 09:00 AM -5:00 PM. March 28 - April 29: Mon. - Fri. 9:00 AM - 6:00 PM. Saturday to be determined by demand by Wednesday 5:00 PM. May 2 – May 24: Mon – Fri 9:00 AM - 6:00 PM, Saturday 9:00 AM – 5:00 PM (sometimes close earlier, order by 12 Noon). May 25 - September 10: Mon. - Fri 9:00 AM-9:00 PM, Saturday 9:00 AM - 5:00 PM (sometimes close earlier, order by 12 Noon). **Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/>) or by email ([fish7@roffs.com](mailto:fish7@roffs.com)).**

The ROFFS™ Graphic analysis is on the next page.

