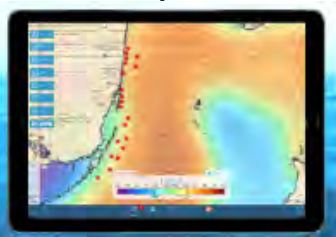


**ROFFS™ OCEANOGRAPHIC FISHING FORECAST  
FOR THE CHARLESTON INSHORE (LAT./LONG.)  
PHONE: (321) 723-5759 // 24 HR FAX: (321) 723-6134 // EMAIL: fish7@ROFFS.COM  
UPDATED ON FRI. 31 MAY 2019 FOR FRI. P.M. & SAT. FISHING ONLY**

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 1°F-2°F.

We were able to use today's infrared SST imagery and MODIS ocean color/chlorophyll imagery for this analysis area and follow the oceanographic conditions for the past three days. Overall, we have observed a finger of warmer (82°F) blue green water move towards the northeast. Further inshore, to the east of Charleston, we have observed cooler (76°F) clean green water that is moving towards the southwest. As a result, the inshore area is dominated by irregularly shaped water masses, suggesting that the inshore conditions are unstable. This is usually associated with slow fishing action as the fish are not concentrated in any particular area. Our experience indicates that kingfish prefer water that is relatively clear blue to blue green and sometime in clear green water. We have also 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).

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With this in mind, the better chances for kingfish fishing action are likely to occur to the east of Charleston where we have observed cooler (76°F) green to clean green water moving to the southwest. Begin fishing inshore over the five fathom good bottom and wreck (near 79°40'W & 32°45'N (2) and 79°35'W & 32°45'N (2)) where favorable (79°F-76°F) green to clean green water mass boundary conditions have been observed for two days. From here you may choose to head further offshore to more stable water mass boundary conditions over the 10 fathom curve (near 79°30'W & 32°37'N (2) and 79°28'W & 32°38'N (2)) where favorable (78°F-79°F) clean green to blue green water mass boundary conditions have been observed for two days as well. These conditions suggest increased chances for fishing action to occur. On your way offshore, keep a keen eye out for weedlines, birds, bait, and other signs of life as these are classic signs of water mass boundary conditions. Over the seven to eight fathom good bottom (near 79°34'W & 32°38'N (3)) we have observed favorable (77°F-78°F) clean green water mass boundary conditions for three days. Further south, over the 10 fathom curve and good bottom (near 79°30'W & 32°37'N (3)) warmer (79°F-80°F) blue green water mass boundary conditions have also been observed for three days. These conditions suggest good chances for fishing action to occur. Additional good chances for fishing action are likely to occur over the 10 fathom curve and good bottom east of the Dumping Ground (near 79°50'W & 32°22'N (3) and 79°44'W & 32°24'N (3)) where warmer (80°F-81°F) clean green to blue green water mass boundary conditions have been observed for three days as well.

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If you would prefer to stay further inshore, head east of Charleston and south of Winyah Bay to the 50 fathom good bottom (near 79°22'W & 32°57'N (3) and 79°18'W & 32°58'N (3)) where favorable (79°F-76°F) green water mass boundary conditions have been observed for three days as well. Southeast of Winyah Bay (near 79°07'W & 33°00'N (3) and 79°02'W & 33°00'N (3)) favorable (75°F-

76°F) clean green water mass boundary conditions have also been observed for three days. These conditions suggest additional good chances for fishing action to occur. From here, you may choose to head further offshore towards the 10 fathom good bottom (near 78°59'W & 32°48'N (2) and 78°56'W & 32°48'N (2)) where favorable (76°F-79°F) clean green to blue green water mass boundary conditions have been observed for two days. Further south of Winyah Bay, over the 10 fathom curve and good bottom (near 79°15'W & 32°17'N (2), 79°17'W & 32°15'N (2), and 79°18'W & 32°13'N (2)) favorable (77°F-79°F) clean green to blue green water mass boundary conditions have been observed for two days as well. These conditions suggest additional increased chances for fishing action to occur.

**ROFFS™ Summer Hours: Mon – Fri. 9:00 am – 5:00 pm. We are now open Saturdays. PLEASE PLACE YOUR ORDER ON SATURDAYS BEFORE 9:00AM SATURDAY MORNING.** *Thank you for not sharing this analysis with non-paying fishermen.* 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)). **Verbal updates are free between 10:30 AM and 11:59 AM (eastern time) only.**

**The ROFFS™ Graphic analysis is on the next page.**



