

ROFFS™ OCEANOGRAPHIC FISHING FORECAST FOR THE EMERALD BAY AREA (LAT./LONG.)

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UPDATED ON THURSDAY 23 MAY 2019 FOR THURSDAY P.M. & FRIDAY 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 + colorized 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 and MODIS ocean color/chlorophyll imagery for this analysis area and follow the oceanographic conditions for the past five days. Overall, we have observed a relatively large, clockwise rotating eddy formation southeast of Abaco (centered approximately near 76°10'W & 26°05'N). This eddy is pulling relatively cool (80°F) Bahamas blue water northward off of Eleuthera. Additionally, we continue to observe blue water moving eastward between Abaco and the Berry Islands before moving to the north towards the North Bar/Wonderland along the eastern coast of Abaco. This blue water is also pushing into the ledges between New Providence Island and Eleuthera, likely improving the fishing along these ledges. Looking to the west, we see similar blue water pushing into the Pocket between the Berry Islands and Andros Island. We have also 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).

ROFFS™ will be closed on Monday May 27th in observance of Memorial Day

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With this in mind the better chances for fishing action is likely to occur the 500-1000 fathom curve and good bottom (from near 76°04'W & 25°17'N (4), 76°02'W & 25°12'N (4), 76°02'W & 25°05'N (4), 76°05'W & 24°57'N (4), 76°06'W & 24°52'N (4), and 76°08'W & 24°46'N (4)) where favorable (81°F-82°F) Bahamas blue water mass boundary conditions have been observed for four days as well. These conditions suggest additional good chances for tuna, dolphin, wahoo, and marlin fishing action to occur. Additional good chances for fishing action are likely to occur along the eastern ledges of Cat Island (from near 75°38'W & 24°42'N (4), 75°32'W & 24°36'N (4),

and 75°28'W & 24°32'N (4)) where favorable (80°F-82°F) Bahamas blue water mass boundary conditions have also been observed for four days.

Fishing within Exuma Sound, begin fishing off of San Salvador Island (near 76°02'W & 24°35'N (4) and 75°55'W & 24°32'N (4)) where favorable (81°F-82°F) blue to Bahamas blue water mass boundary conditions have been observed for four days. Along the western ledges of Eleuthera and northwest (from near 76°10'W & 24°34'N (4), 76°14'W & 24°38'N (3), 76°16'W & 24°44'N (3), 76°21'W & 24°46'N (4), 76°33'W & 24°52'N (3), and 76°40'W & 24°55'N (4))) where favorable (82°F) blue water mass boundary conditions have been observed for three to four days. These conditions suggest good chances for fishing action to occur. Additional good chances for fishing action are likely to occur along the eastern ledges of Long Island (from near 75°12'W & 23°37'N (3), 75°08'W & 23°26'N (3), and 75°02'W & 23°20'N (3)) where favorable (82°F) Bahamas blue water mass boundary conditions have been observed for three days as well.

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If you were interested in fishing along the eastern coast of Eleuthera, further north, head to the 250-1000 fathom depths and good bottom (near 76°40'W & 25°40'N (3) and 76°35'W & 25°36'N (3)) favorable (81°F-82°F) blue to Bahamas blue water mass boundary conditions have been observed for three days. Over the 2000 fathom curve (near 76°30'W & 25°38'N (3)) similar favorable water mass boundary conditions have been observed for three days as well. Further south, over the 250-500 fathom curves (from near 76°28'W & 25°25'N (3), 76°17'W & 25°18'N (3), and 76°13'W & 25°14'N (3)) favorable (81°F-82°F) water mass boundary conditions have been observed for three days as well.

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). **Verbal updates are free between 10:30 AM and 11:59 AM (eastern time) only.**

The ROFFS™ Graphic analysis is on the next page.



