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FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE SHINNECOCK INLET TO NANTUCKET AREA (LAT/LONG)

UPDATED ON SATURDAY 22 AUGUST 2020 FOR SATURDAY P.M. & SUNDAY FISHING ONLY

Based on a multiple factor analysis, the symbols (hot spot dots) mark the areas where bait concentrations are expected and where fishing action are 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. 1 fathom = approximately 6 feet. Afternoon SST is likely to be 1.0°F or greater than indicated by the morning calibration on this analysis. NUMBERS IN PARENTHESIS 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™ 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™ 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 use yesterday afternoon/evening and early morning infrared sst° from today and a 24 hour MODIS/VIIRS/Sentinel chl/ocean color satellite composite image for this analysis area to follow the oceanographic conditions for the past six days. Overall, we continue to observe a slight clockwise rotation off of Hudson Canyon as relatively warm (79/80°F) bluer water continues to move north towards the ledges. Some of this warmer (78°F) bluer water has been pulled southwest, over the 75 fathom depths southwest of Hudson Canyon. Inshore, off of Long Island, we continue to observe a relatively small, counter-clockwise eddy formation that is pulling relatively warm (72/73°F) blue green water north of the Ranger, towards 30 fathom good bottom. East, we continue to observe cooler (68°F-70°F) green/blue green water that had moved south towards the Atlantis Canyon and offshore. Some of this cooler (70°F) blue green water is now being pulled west, towards the Explosives Dumping Area off of Block Canyon as warmer (75°F-77°F) blended blue to bluer water moves west offshore of Hydrographer Canyon towards Veatch Canyon and possibly even inshore of East Atlantis Canyon. Additionally, relatively warm (71°F-73°F) blue green/blended blue water continues to move west/northwest over 30-40 fathom good bottom north of Veatch Canyon and Hydrographer Canyon towards the Dump and 30 fathom good bottom south of Martha's Vineyard. We have also included an ocean color/chlorophyll composite image from the past 24 hours so you can get a sense of where the bluer and greener water is located (email only, white=clouds).

INSHORE:

With this in mind, the better chances for inshore tuna (bluefin/yellowfin) fishing action are likely to occur near the Ranger wreck off of Montauk. 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 30 fathom good bottom north of the Ranger (near 71°52'W & 40°38'N (2) and 71°43'W & 40°40'N (3)) favorable (70/71°F-72°F) green to blue green water mass boundary conditions have been observed for two to three days. From here, head south/southwest of the Ranger, towards the 35 fathom good bottom (near 71°52'W & 40°32'N (5)) and west (near 72°02'W & 40°32'N (4)) where favorable (70/71°F-73°F) green/blue green water mass boundary conditions have been observed for four to five days. These conditions suggest good chances for fishing action to occur. You may also want to try fishing near the Outer Butterfish Hole (near 71°30'W & 40°32'N (6)) where similar favorable water mass boundary conditions have been observed for six days, suggesting additional good chances for fishing action to occur as well. Good chances for inshore shark and tuna fishing action are also likely to occur off of Block Island, from Cox Ledge towards Tuna Ridge (From near 71°16'W & 41°08'N (5), 71°15'W & 41°00'N (5), and 71°22'W & 40°58'N (5)) where favorable (66/68°F-72°F) green water mass boundary conditions have been observed for five days.

South of Martha's Vineyard, we have observed relatively good chances for inshore tuna and shark fishing action over the 20-30 fathom good bottom from Gordon's Gully to the Dump (from near 70°30'W & 41°00'N (3), 70°36'W & 40°55'N (5), 70°45'W & 40°50'N (4), and 70°50'W & 40°48'N (3)) where favorable (66/68°F-71/72°F) green/blue green to blended blue water mass boundary conditions have been observed for three to five days. Off of the Davis South Shoal (from near 70°20'W & 40°52'N (3) and 70°12'W & 40°40'N (4) to 69°55'W & 40°40'N (4)) favorable (65°F-71/72°F) green to blue green water mass boundary conditions have been observed for three to four days as well, suggesting additional good chances for inshore tuna and shark fishing action to occur. Further offshore, the eastern chart 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. For those heading offshore, you may try fishing along the cool to warm (68/69°F-71/72°F) green/blue green water mass boundary conditions south of the Dump towards the Atlantis Canyons (From near 70°55'W & 40°30'N (5) to 70°25'W & 40°12'N (3)). You may also try fishing the 35-40 fathom wrecks and good bottom near the Sebastian (near 70°05'W & 40°28'N (5)) and south (near 69°58'W & 40°20'N (3)) where favorable (67/68°F-71°F) green to blue green/blended blue water mass boundary conditions have been observed for three to five days. South of the Republic wreck towards the 45-50 fathom curve (from near 69°43'W & 40°24'N (3) and 69°35'W & 40°13'N (5)) warmer (70°-73°F) blue green to blended blue/bluer water mass boundary conditions have been observed for three to five days as well. These conditions have been observed for the past three to five days along a relatively unstable water mass boundary, suggesting relatively good chances for fishing action to occur.

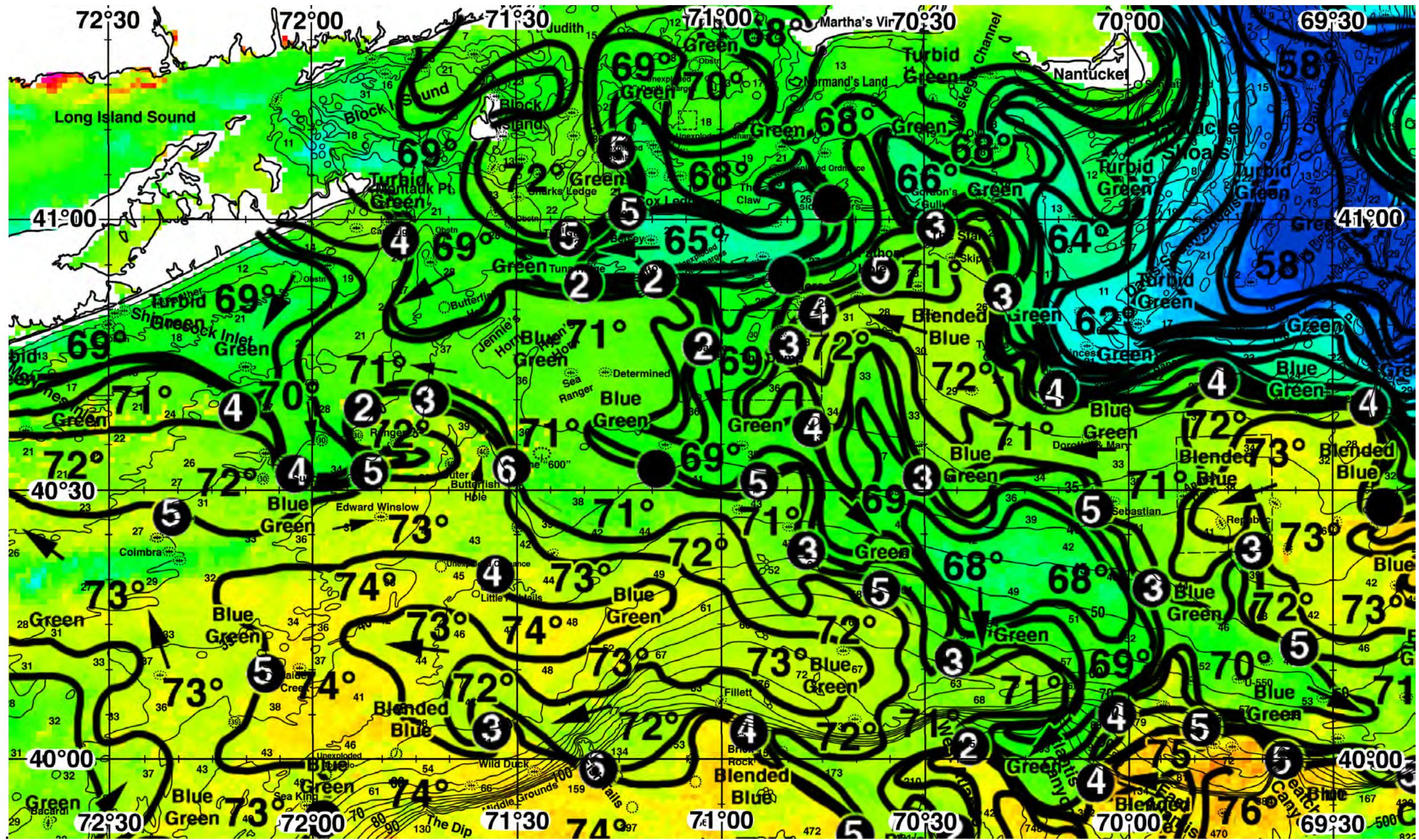
OFFSHORE:

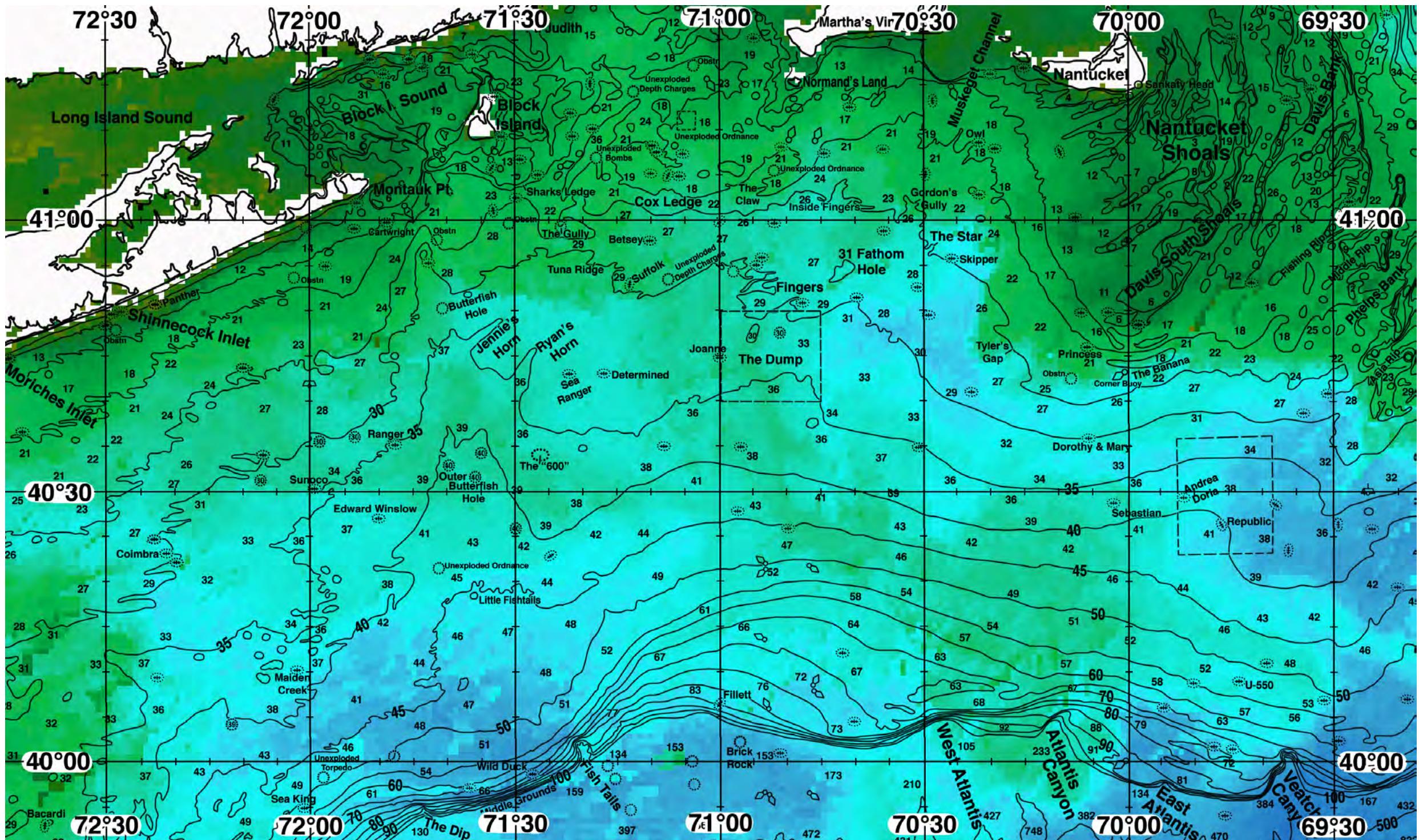
The better chances for offshore tuna, dolphin, wahoo, and billfish (marlin and swordfish) fishing action are likely to occur along the southwest corner of Hudson Canyon (near 72°18'W & 39°27'N (6)) to the 100 Square (near 72°14'W & 39°32'N (6) and 72°05'W & 39°34'N (6)) and the 500 fathom curve between the Lobster Claw and the Jones/Babylon Valleys (near 71°54'W & 39°34'N (6) and 71°42'W & 39°38'N (6)) where favorable (75°F-78/79°F) blended blue to bluer water mass boundary conditions have been observed for six days. These conditions suggest very good chances for fishing action to occur. However, we have observed a slight south/southwest motion of this water mass boundary conditions in an unfavorable offshore direction. This offshore flow of water is often associated with reduced overall fishing productivity. As a result, these areas may begin to experience reduced productivity through the rest of the weekend.

The next best chances for tuna (bigeye/yellowfin) as well as dolphin, wahoo, and marlin fishing is likely to occur near Veatch Canyon (near 69°37'W & 40°00'N (5)) towards the 100 fathom ledge west of Hydrographer Canyon (near 69°18'W & 39°58'N (5)) and the 500 fathom curve offshore of Hydrographer Canyon (near 69°02'W & 39°58'N (5)) where favorable (71°F-76/77°F) blue green to blended blue/bluer water mass boundary conditions have been observed pushing west, in a favorable inshore direction. These conditions suggest additional good 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 tip of Hydrographer Canyon (near 69°05'W & 40°14'N (4)) favorable (71°F-74°F) blue green to blended blue water has pushed west from inshore of Welker Canyon. Additionally, we have observed relatively warm (75°F) blended blue water push west of Veatch Canyon towards the 75 fathom flats north of East Atlantis Canyon (from near 69°50'W & 40°04'N (5), 70°02'W & 40°06'N (4), and 70°05'W & 39°58'N (4)) where favorable, but different, (69°F-74/75°F) green/blue green to blended blue water mass boundary conditions have been observed for the past four to five days.

Another option is to head towards the Fish Tails (near 71°18'W & 40°00'N (6)) and Brick Rock (near 70°56'W & 40°04'N (4)) where favorable (72°F-74°F) blue green to blended blue water mass boundary conditions have been observed for four to six days as a filament of cooler (72°F) blended blue water pushes inshore of the Middle Grounds towards the 40 fathom depths near the Maiden Creek. These conditions suggest additional good chances for fishing action to occur.

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

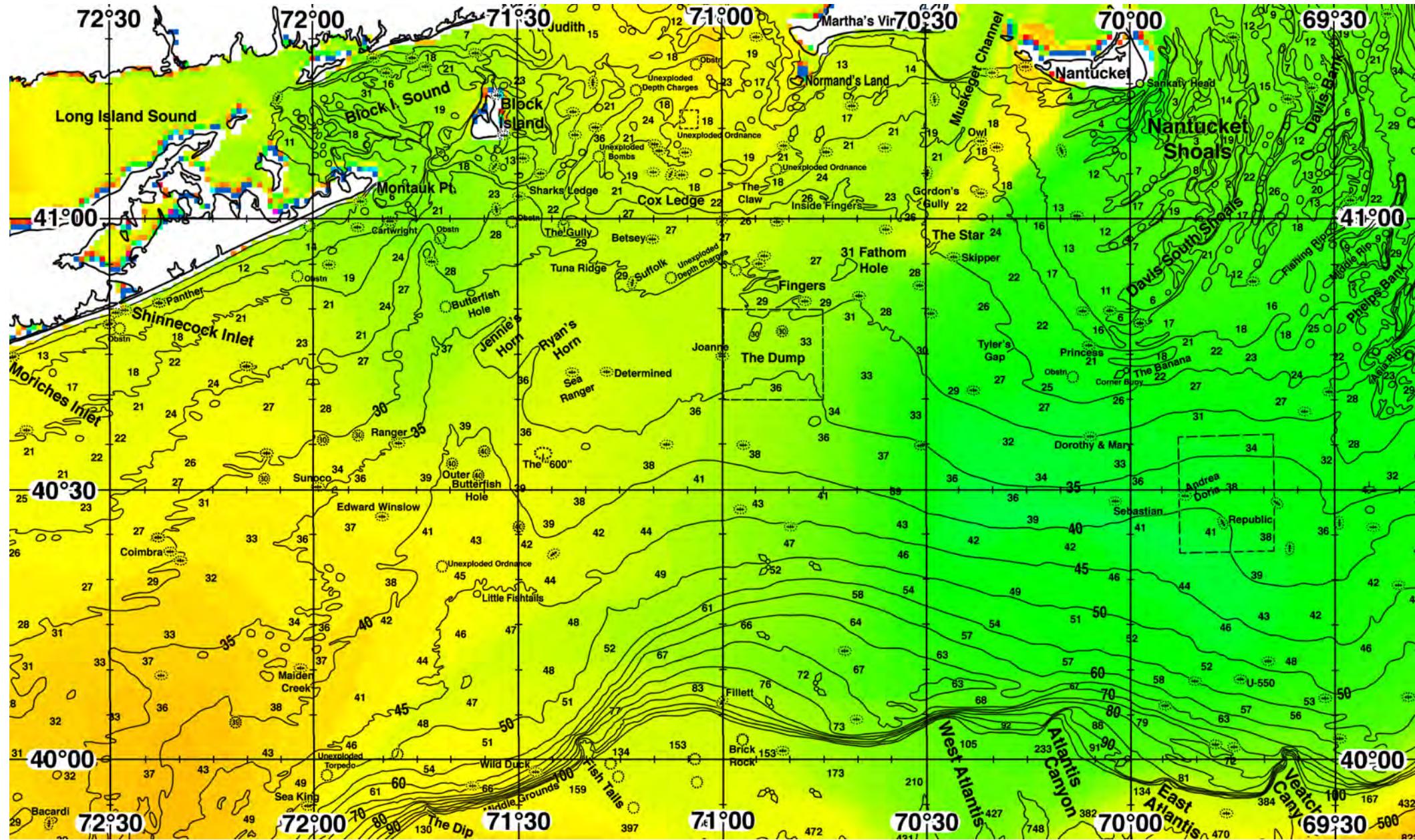






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