



WWW.ROFFS.COM



FISHING@ROFFS.COM



321.723.5759



@ROFFSFISHING

## **FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE SHINNECOCK INLET TO NANTUCKET AREA (LAT LONG) UPDATED ON FRIDAY 11 AUGUST 2023 FOR FRIDAY P.M. & SATURDAY FISHING**

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 PARENTHESES 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 have used a composite of infrared sea surface temperature imagery from today to provide an update to this analysis. We have included an updated ocean color chlorophyll composite from this afternoon to help you locate color boundaries. We have been able to follow the oceanographic conditions in this area for up to the past 3 days. Generally, the inshore waters in this charted area are turbid green to clean green. Offshore, we can observe warmer and cleaner water, with blended blue to blue green filaments between about 74°F and 80°F visible in this area. As always, we suggest looking for relative temperature changes rather than specific temperatures. There is a large strong clockwise rotating eddy centered outside the southeastern charted area. This large eddy is rotating and pulling some warmer water north and then east off the West Atlantis to East Atlantis Canyons before turning offshore. Several small filaments of warmer and cleaner water are being pulled back into the flats behind the Canyons. We expect primarily unfavorable offshore flow east of Veatch Canyon. Inshore, we can observe a filament of cleaner water reaching the Outer Butterfish Hole area. There is also clean green water continuing to the Dump area. Another cleaner filament reaches the Sebastian wreck area. Slightly cleaner green warm water is reaching the Coimbra area. We have included an updated ocean color chlorophyll composite containing imagery from this afternoon to help you locate the bluer and greener water masses in the area. We suggest referring to the included ocean color chlorophyll image for help locating the edges of cleaner water masses.

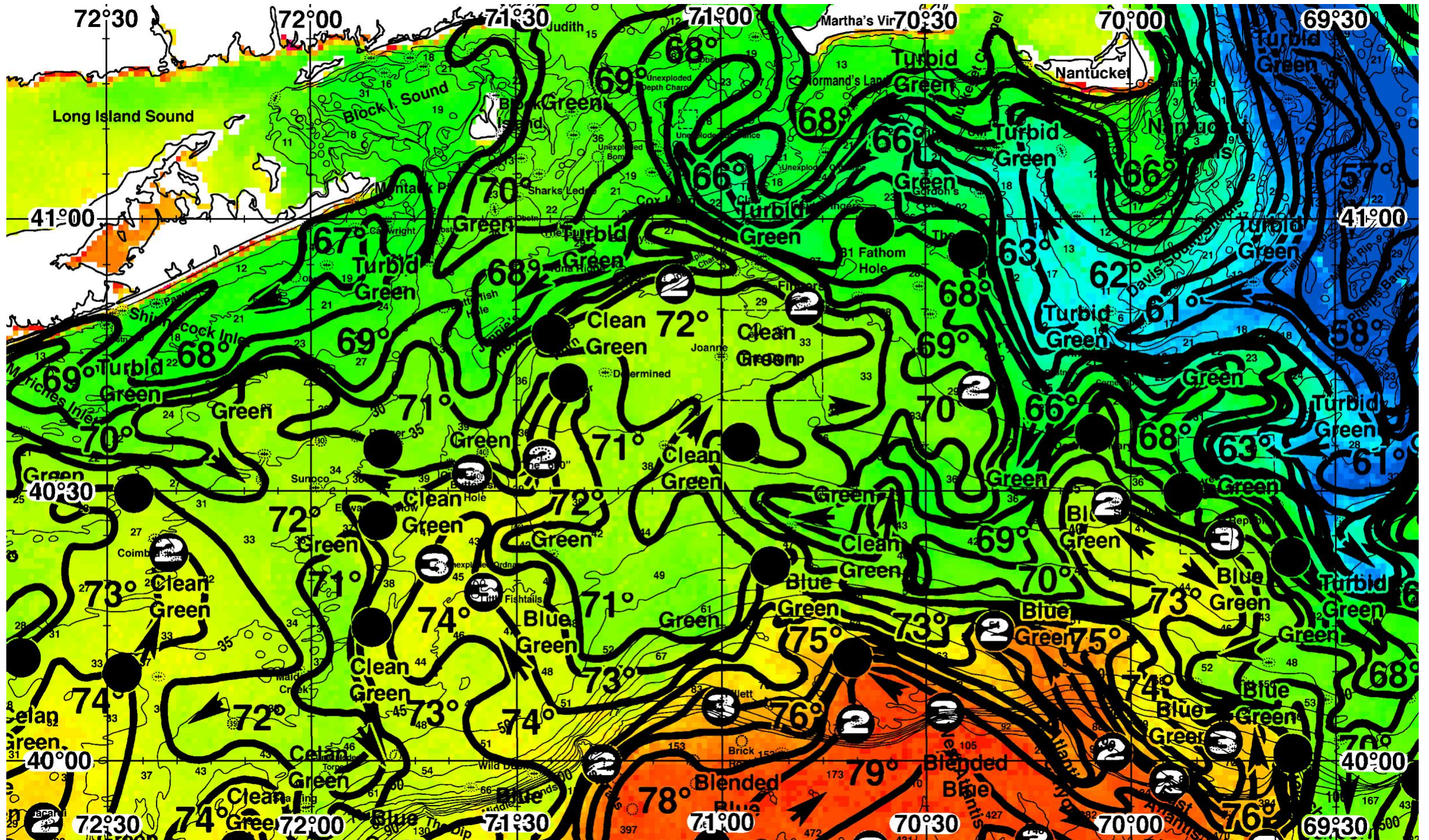
Keeping all of the above in mind, we suggest that the best conditions in this area for tuna, billfish, mahi and wahoo action will be along the edge of the warmest blended blue water located near the Canyons in the eastern charted area. Starting offshore, we can observe approximately 79°F blended blue moving inshore along 1000 fathoms in the Explosives Dumping Area near 70°54'W & 39°43'N, and east along 500 fathoms around the cooler eddy core between 70°39'W & 39°51'N (3) and 70°13'W & 39°51'N (3). Further inshore, look for blended blue water pushing inshore to the wreck near 70°40'W & 40°05'N (2) and over the West Atlantis Canyon around 70°28'W & 40°06'N (3). Warm blended blue water continues inshore to the northwest, reaching the wreck in just over 65 fathoms near 70°41'W & 40°12'N. To the east, we can observe a narrow filament of warmer water being pulled northwest over the East Atlantis Canyon located near 69°55'W & 39°58'N (2), inshore towards 70°01'W & 40°01'N (2), and finally about 55 fathoms near 70°20'W & 40°14'N (2). Further east, we can observe a strong break moving offshore along the eastern side of the large eddy. Look for approximately 79°F blended blue water pulling offshore in about 500 fathoms near 69°39'W & 39°50'N (3), 1000 fathoms around 69°38'W & 39°45'N (3), and offshore to 69°31'W & 39°34'N (2). Further west, we expect some favorable inshore movement of approximately 79°F blended blue water over the Block Canyon area in about 500 fathoms near 71°14'W & 39°49'N (3) and east to 71°00'W & 39°51'N. Just inshore, look for the edge of blended blue water to be between the Fillet wreck around near 71°10'W & 40°06'N (3) and the Fish Tails area near 71°17'W & 40°00'N (2). This favorable edge continues to the southwest, over the Lobster Claw located near 71°37'W & 39°47'N (2) and the Torpedo around 71°43'W & 39°39'N (2).

***Continued on the next page...***

For those fishing further inshore in this charted area for primarily tuna action, we suggest locating cleaner water over bottom structures. In the eastern charted area, we can observe some cleaner 73°F water reaching the Sebastian wreck near 70°01'W & 40°29'N (2) and the Republic wreck located near 69°46'W & 40°26'N (3). Slightly cooler clean green water may reach as far as the Dorothy & Mary wreck located near 70°06'W & 40°36'N. There is a very narrow filament of cleaner water inshore over the structure in about 50 fathoms near 70°54'W & 40°22'N. Further west, we can observe a filament of approximately 73°F to 74°F clean green water starting over the Little Fish Tails area near 71°35'W & 40°19'N (3), continuing inshore to 71°41'W & 40°23'N (3), the Edward Winslow wreck around 71°50'W & 40°28'N, and finally northeast to the Outer Butterfish Hole near 71°36'W & 40°31'N (3) and the 600 around 71°26'W & 40°34'N (2). Continuing inshore, look for the edge of approximately 72°F clean green water between the Depth Charges around 71°07'W & 40°54'N (2) and the wreck near the Fingers area located around 70°47'W & 40°51'N (2). Approximately 70°F green water makes it to the wreck in about 30 fathoms around 70°24'W & 40°42'N (2). Further offshore in the western charted area, we can observe blue green water making its way inshore to the Sagun wreck located near 72°10'W & 39°50'N. Inshore, a filament of slightly cleaner green 74°F water is also reaching inshore to the Coimbra area 72°20'W & 40°24'N (2).

**ROFFS™ Summer Hours: Mon – Fri. 9:00 am – 7:00 pm EDT (sometimes later based on demand) with analysis order deadline before 3pm Eastern. Saturday 9:00 am – 4:00 pm EST (sometimes earlier/later based on demand) with analysis order deadline before 9am EST.** *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](mailto:fishing@roffs.com)). Updates are free while on the water between 10:30 AM and 11:59 AM (eastern time). For text updates, please text 321-626-9766 from 10:30 AM EDT to 12 Noon EDT within office hours.

















# FATHOM SCIENCE

OCEAN COLOR/CHLOROPHYLL FORECAST for TOMORROW MORNING

