



WWW.ROFFS.COM



FISHING@ROFFS.COM



321.723.5759



@ROFFSFISHING

FISHERIES OCEANOGRAPHIC ANALYSIS FOR NEW YORK BIGHT WEST 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/fags/>

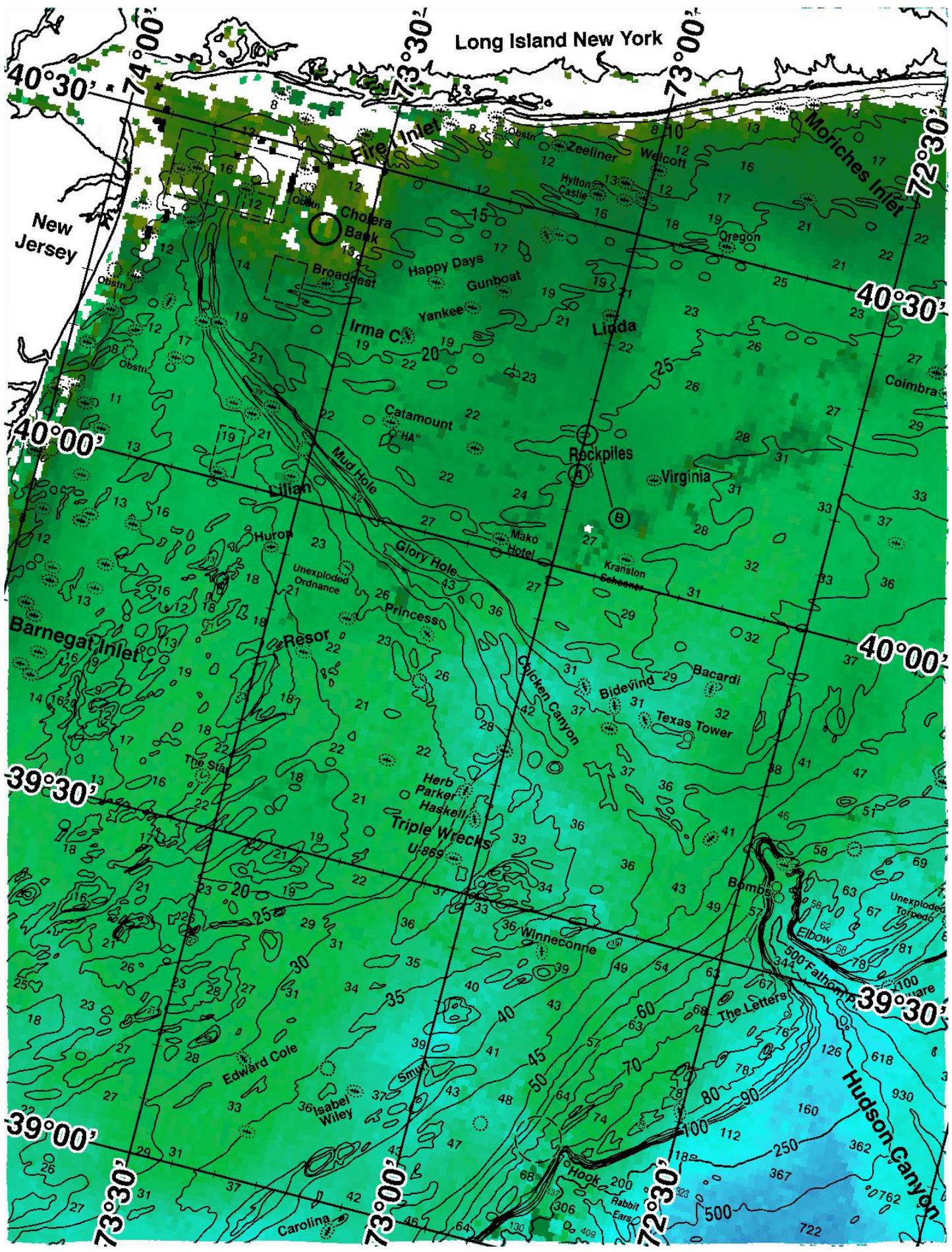
We have used a composite of infrared sea surface temperature imagery from today to provide an update to this analysis. We have included an updated ocean color chlorophyll composite from this afternoon to help you locate color boundaries. We have been able to follow the oceanographic conditions in this 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 75°F and 78°F visible in this area. As always, we suggest looking for relative temperature changes rather than specific temperatures. We can observe a narrow filament of clean water moving inshore over the Hudson Canyon. A filament of cleaner water in moving inshore towards the Chicken Canyon area and rotating clockwise. This rotation is pulling warmer and cleaner water over the Texas Tower area. Slightly cleaner green water continues inshore, reaching the Coimbra. 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 the most favorable conditions for tuna, billfish, mahi and wahoo action will be along the edge of the warmer blended blue water we can observe in the offshore charted area. In the Hudson Canyon area, we can observe a filament of warmer blended blue water moving north towards the mouth of Hudson Canyon. Look for cleaner water of approximately 77°F between 39°18'W & 39°26'N (3) and 72°13'W & 39°31'N (3). We can observe blue green water making its way inshore to the Sagun wreck located near 72°10'W & 39°50'N. We also like the edge of clean water over the 100 fathoms curve south of Hudson Canyon between the Hook located near 72°42'W & 39°08'N (3) and 72°30'W & 39°15'N (3). Further west in the offshore charted area, we can observe a blue green to clean green filament of approximately 76°F water moving inshore. Look for the edge of this filament over structures such as the Smurf near 73°00'W & 39°13'N, the Winneconne wreck around 72°50'W & 39°28'N (2), the Triple Wrecks area near 73°01'W & 39°35'N (3), and the wreck located near 73°00'W & 39°43'N (3).

Continued on the next page...

For those fishing further inshore for primarily tuna action, we suggest looking for cleaner water over bottom structure. Starting in the eastern charted area, a filament of slightly cleaner green 74°F water is reaching the Coimbra area near 72°20'W & 40°24'N (2), and inshore to 25 fathoms around 72°27'W & 40°30'N. Approximately 72°F green water turns west and reaches the inshore Oregon wreck located near 72°50'W & 40°30'N. Further west, we can observe a favorable filament of clean green to blue green water of approximately 75°F in the Texas Tower area. Look for this filament starting over the Chicken Canyon area near 73°02'W & 39°53'N (2), east to the wrecks around 72°55'W & 39°50'N (2), the Texas Tower around 72°45'W & 39°49'N, and the Bacardi wreck located near 72°38'W & 39°53'N (2). Just inshore, we expect a water mass boundary in green water between the Glory Hole area around 73°10'W & 39°56'N (2) and the wreck located near 72°54'W & 40°01'N (2). Further inshore, we can observe an edge in green water between the Mud Hole area near 73°25'W & 40°03'N and the wrecks around 73°35'W & 40°08'N.

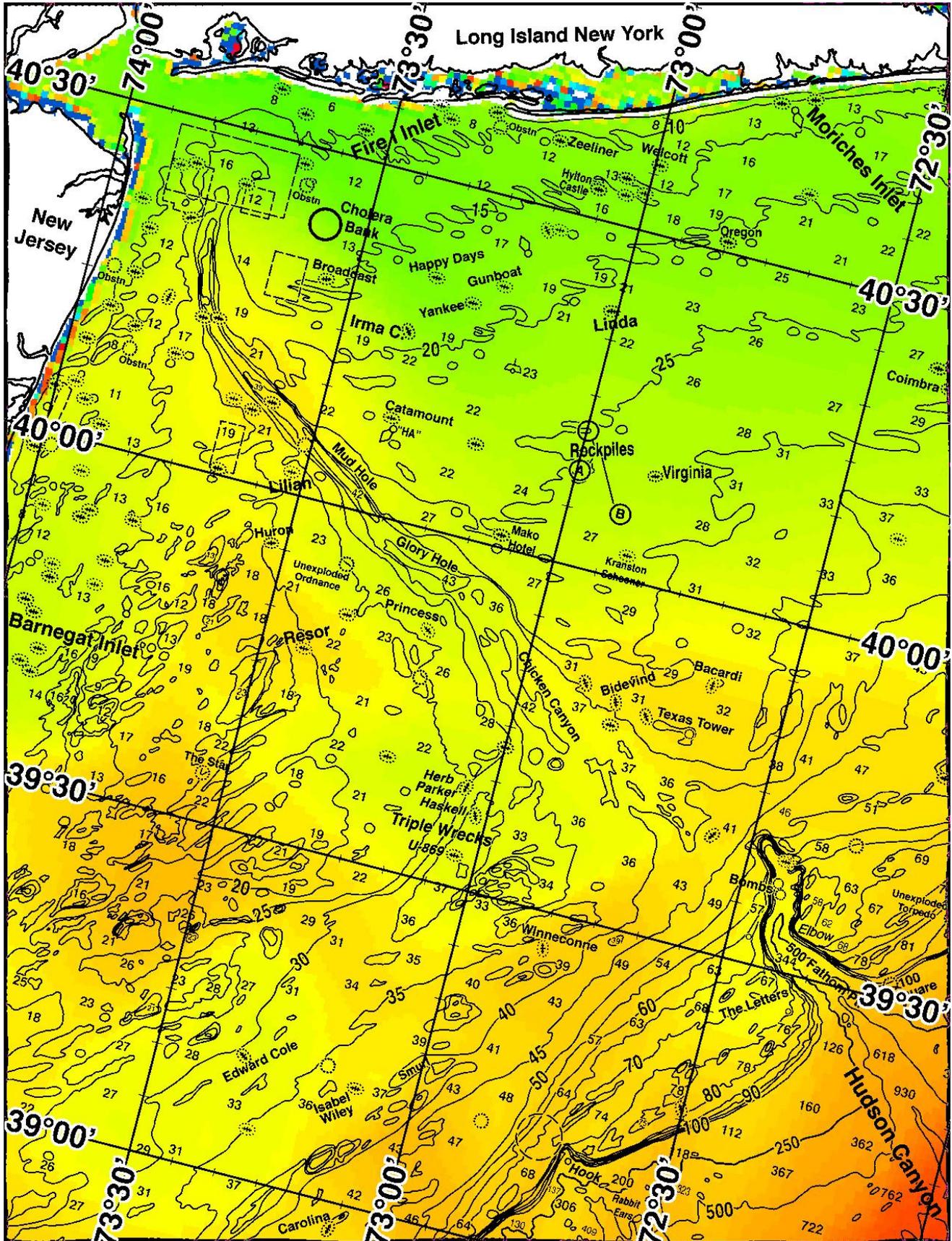
ROFFS™ Summer Hours: Mon – Fri. 9:00 am – 7:00 pm EDT (sometimes later based on demand) with analysis order deadline before 3pm Eastern. Saturday 9:00 am – 4:00 pm EST (sometimes earlier/later based on demand) with analysis order deadline before 9am EST. *Thank you for not sharing this analysis with 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). 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

SST FORECAST for TOMORROW MORNING FISHING





FATHOM SCIENCE

OCEAN COLOR/CHLOROPHYLL FORECAST for TOMORROW MORNING

