

## ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.

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### ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS

FOR THE NEW YORK BIGHT WEST AREA (LAT./LONG.)

**UPDATED ON TUESDAY 03 JULY 2018 FOR TUESDAY P.M. & WEDNESDAY 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 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. **Numbers in the hot spot dots after the Lat/Long coordinates in () are the number of days the conditions in those areas have remained stable (favorable).**

We were able to use a combination of yesterday evening and today's infrared sst° and yesterday's MODIS/VIIRS color/chlorophyll satellite imagery for this analysis area and follow the oceanographic conditions for the past nine days to increase your chances for tuna, dolphin, wahoo, shark and billfish fishing action. Overall, sst° continues to rise in the northeast. With rising temperatures, the indicated sst° values may be 1°F-3°F warmer than indicated. However, following the relative temperature breaks will improve your chances for finding favorable fishing conditions. We have observed several eddy formations within this chart area. South of Hudson Canyon, over 250 fathom depths (centered near 72°10'W & 39°47'N) we have observed a smaller, clockwise rotating eddy formation. This eddy is pushing favorable (76°F) water into the 100 fathom ledge to the south of Hudson Canyon, likely improving conditions southwest of the canyon.



### INSHORE:

Inshore, the better chances for shark and bluefin tuna fishing action are likely to occur over the Chicken Canyon from near 73°03'W & 39°48'N (4) to 73°00'W & 39°44'N (4) where we have observed favorable, but different, (76°F-77°F) blue green water mass boundary conditions for four days. South, over the 20 fathom good bottom near 73°12'W & 39°38'N (3) and the Winneconne Wreck near 72°50'W & 39°36'N (3) similar favorable water mass boundary conditions have been observed for three days. The next best chances for fishing action occurs over the Glory Hole near 73°10'W & 39°56'N (4) where we have observed favorable (75°F-76°F) blended blue to blue green water mass boundary conditions for four days as well. These conditions suggest good chances for fishing action to occur.

Coming out of Long Island, the better chances for shark fishing action are likely to occur over the Happy Days/Yankee/Gunboat Wrecks near 73°20'W & 40°20'N (9) where favorable (75°F-76°F) green water mass boundary conditions have been observed for nine days. These conditions suggest excellent chances for fishing action to occur.

**Analysis Continued on Next Page...**

## OFFSHORE:

The better chances for offshore tuna (bluefin, bigeye, and possibly yellowfin) as well as increasing chances for dolphin, wahoo, and billfish fishing action are likely to occur over the 100 fathom ledge along the southern edge of the Hudson Canyon near 72°15'W & 39°25'N (7) where favorable (75°F-76°F) blended blue to blue green water mass boundary conditions have been observed for seven days. Continuing southwest, along the 100 fathom ledge from near 72°18'W & 39°50'N (4) and 72°27'W & 39°15'N (4) similar favorable water mass boundary conditions have been observed for four days. If fishing action within these areas does not meet your expectations, head offshore to the 250 fathom good bottom east of the Hudson Canyon near 72°06'W & 39°22'N (4) where we have observed favorable (3°F: 73°F-76°F) blue green to blended blue water mass boundary conditions for four days.

Additional good chances for marlin fishing action are likely to occur over the 500 fathom good bottom of the Berkely Canyon near 72°45'W & 38°55'N (3) to the 60-80 fathom good bottom inshore of Tom's Canyon near 72°45'W & 39°10'N (3) where favorable (75°F-76°F) blue green water mass boundary conditions have been observed for three days. Offshore of Tom's Canyon, over the Rabbit Ears near 72°35'W & 39°08'N (3) similar favorable water mass boundary conditions have also been observed for three days.



**ROFFS™ Summer Hours: Mon – Fri. 9:00 am – 7:00 pm. We are now open Saturdays. PLEASE PLACE YOUR ORDER ON SATURDAYS BEFORE 9:00AM EDT 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.



