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**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE SHINNECOCK INLET TO NANTUCKET AREA (LORAN)**  
**UPDATED ON THURSDAY 12 JUNE 2008 FOR THURSDAY P.M. & FRIDAY 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. **Afternoon sst° are likely to be 2°F - 3°F warmer than those shown for the morning calibration.** Bottom depths in fathoms (1 fathom is approximately 6 feet).

We were able to see this area clearly again today to increase your chances for shark (including mako, thresher, and blue), tuna, dolphin, wahoo, and even white marlin action. Overall we continue to follow the large clockwise rotating Gulf Stream Warm Core Ring centered near 14705 & 42805 that is bringing bluer and warmer (69.1°F – 72.6°F – 75.4°F+) water inshore over the 500-1000 fathom ledges between Hudson Canyon to Block Canyon area for GOOD chances for tuna, wahoo, dolphin, and maybe even white marlin and swordfish action. Along the cooler (inshore) side of the northern edges of the eddy (66.0°F – 67.2°F – 69.1°F) you will increase your chances for a combination of shark and tuna action. Overall, it appears that the more favorable conditions for shark action will occur in the western-charted area where the majority of the conditions have been favorable for TWO days. Mako sharks optimal sst° habitat is about 64°F – 67°F, and the better chances for fishing action will occur where it has been favorable for two days mainly offshore of the 40 fathom ledges.

**Offshore:** With this in mind your better chances for shark action will occur over the 500 fathom ledges south of Brick Rock near 14500 & 43250-60. You will increase your chances for shark action where you locate the green to blue-green water mass boundary directly south of Shinnecock Inlet along the 65.0°F – 67.2°F where it has been favorable for two days over the 25-30 fathom ledges near 14800-900 & 43625-40 and west over the 20-25 fathom ledges near 14975 & 43690, also south over the 35 fathom ledge near the Maiden Creek Wreck near 14885-87 & 43470 and south-southwest over the 45 fathom ledges to over the Bombs of Hudson Canyon near 15050 & 43150 (favorable for two days). Additional favorable conditions for shark action and scattered bluefin tuna action will occur over the Ranger Wreck and 40 fathom Lumps near 14600-80 & 43595-600 along the 66.0°F – 65.0°F – 63.9°F – 62.9°F) water mass boundary and south over the 45 fathom ledges (favorable for two days) then southwest near the Lobster Claw (also favorable for two days) near 14800 & 43355-60. Good conditions for shark action also occur over the Fish Tails and south along the 62.9°F – 66.0°F water mass boundary near 14650-60 & 43285-310 and also further east over Brick Rock.

In the eastern charted area you will increase your chances for shark action in the Atlantis Canyon area along the strong 61.1°F – 63.7°F water mass boundary that has been favorable for two days near 14220-95 & 43347-52 and also south along the warmer 64.0°F water mass boundary over the 500 fathom ledges near 14280 & 43217. Further east favorable conditions for fishing action occur along the strong blue-green to bluer (58.5°F – 60.0°F – 63.8°F – 66.0°F) water mass boundary along the 500 ledges near Veatch Canyon near 14075-100 & 43190-201. Further inshore favorable conditions for shark action mainly thresher and blue sharks will occur where it has been favorable for two days along the strong 57.6°F – 60.0°F water mass boundary over the 30 fathom ledges near 14015-95 & 43535-48.

**Inshore:** The better chances for shark action will occur starting south of Montauk Pt. over Butterfish Hole and east over the 25 fathom ledges along the 63.9°F – 65.0°F water mass boundaries near 14605-740 & 43720-27. Further east equally if not more favorable conditions for fishing action occur over Jennies and Ryan's Horn and south over the 35 fathom ledges (favorable for two days now) near 14580-85-600 & 43650-700. Additional good conditions occur further north over Sharks Ledge (along the 65.0°F water mass edge) and southeast over Tuna Ridge and Suffolk Wreck where it has been favorable for two days near 14450-60 & 43730-40. Additional favorable conditions although not ideal for mako, but favorable for blue and thresher sharks will occur over the Fingers and south over the 30 fathom ledges including the 31 fathom hole near 14300-02 & 434790 and near 14285-345 & 43690-700.

Remember you can request, order and/or download your fishing analyses from our website ([www.roffs.com](http://www.roffs.com)). Please remember to call us while fishing (between 10:30 a.m. and noon) so we can provide a free verbal update. **Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty.** Spring office hours: Mon. - Fri. 8:30 a.m. - 9:00 p.m. Saturday hours are 9:00 AM -5:00 PM (sometimes earlier depending on demand, weather, and cloud cover). Requests for analyses should be called in by Noon on Saturdays during May/June and 1:00 PM during June/August so we can schedule our staff's hours.

