

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.**  
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**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS**  
**FOR CAPE ANN TO CAPE ELIZABETH OFFSHORE AREAS (LAT./LONG.)**  
**UPDATED ON THURSDAY 27 AUGUST 2009 FOR THUR. 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 1°F - 2°F warmer than those shown here. Bottom depths in fathoms (6 feet = 1 fathom).

We were able to see this area clearly today to locate the more favorable conditions for bluefin tuna and shark action (including mako, thresher and blue sharks). Keep in mind that mako sharks optimal sst° are 62°F – 68°F, while thresher and blue sharks prefer slightly cooler sst° (58°F – 64°F), especially over good bottom structure and along the green to blue-green water mass boundaries. The relatively better chances for fishing action will be located where we were able to follow the ocean conditions and locate the more stable water mass boundaries for two to three days.

Coming out of the north, the better conditions for fishing action including all sharks appear to occur between Cape Elizabeth and Cape Porpoise over the 30-50 fathom ledges along the 63.8°F - 65.0°F – 66.9°F water mass boundaries where it has been favorable for two days from near 70°06'W & 43°28'N extending south to near 70°09'W & 43°23-24'N to the wreck near 70°08'W & 43°20'N. If conditions are not satisfactory, you will need to venture further offshore to the 66.9°F - 68.6°F water mass boundary near 70°04'W & 43°24'N and perhaps further north over the Wreck along the 63.8°F – 66.9°F water mass boundary near 69°56'W & 43°27'N to directly east of Cape Elizabeth near 70°00'W & 43°35'N (all favorable for two days). Good conditions also occur along the strong green to blue-green 63.8°F - 68.6°F - 69.8°F water mass boundary for two days now near 69°43-45'W & 43°23-26'N. Additional favorable conditions will occur directly offshore from Cape Porpoise to Cape Neddick along the 50 fathom ledges then the 20-30 fathom ledges as it extends southwest along the 63.8°F - 65.0°F - 66.9°F water mass boundary from near 70°13'W & 43°20'N to near 70°21'W & 43°17'N to near 70°25-30'W & 43°09-13'N. If these conditions are not good inshore, then venture offshore to the Fingers of Jeffreys to the 68.6°F - 66.9°F – 65.0°F water mass boundary over the wreck near 69°57'W & 43°13'N (favorable for two days) and south to near 70°00'W & 43°08'N.

If your fishing the southern charted area, the better conditions for shark action will occur inshore along the blue-green to blue 66.9°F – 65.0°F water mass boundary over the wreck near 70°24'W & 42°52'N (favorable for three days) and extending southwest to the 68.4°F pool of water and the 20-50 fathom ledges that also have been favorable for two to three days northeast of Cape Ann near 70°30'W & 42°48'N in the Scantum Basin to near 70°34-36'W & 42°42-45'N to further south over the 30 fathom ledges and 65.0°F - 66.9°F green to blue-green water mass boundary near 70°30'W & 42°32'N (favorable for two days). Further offshore, GOOD conditions also occur for shark action over Jeffreys Ledge and south along the 50-100 fathom ledges near 69°58'W & 42°56-57'N south along the 100 fathom ledges to near 70°00'W & 42°49'N and inshore near 70°05'W & 42°54-55'N (favorable for two days). Further south good conditions for fishing action for two to three days also occur over the 30-50 fathom ledges and the wreck near 70°10-20'W & 42°42'N within the blue-green clearer water to Tillies Bank where it has been favorable for three days near 70°05'W & 42°30-35'N along the 66.9°F - 69.8°F water mass boundary especially for mako sharks. Finally, you may find good conditions for fishing action directly offshore (for two days now) along the 61.9°F- 63.8°F – 65.0°F water mass boundary and over the wreck and 10 fathom ledges, 70°41'W & 42°54-55'N north to near 70°38'W & 43°00'N.

Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty. Verbal updates are free between 10:30 AM and 12 NOON. **Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/> and click on Order Analyses button) or by email.** SUMMER office hours: Mon. - Fri. 9:00 AM - 09:00 PM. Saturday hours: 9:00 AM – 5:00 PM, but often we will close earlier depending on demand, clouds, and weather. Requests for analyses should be called on Saturdays by 1:00 PM during July-August so we can schedule our staff's hours. We will be changing our hours to Fall hours starting Sept. 14th. **We will be open Sat. Sept. 5<sup>th</sup> but closed Labor Day (Monday Sept. 7th).**

