

**ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.** TOLL FREE 800 677-7633 & (321) 723-5759 // EMAIL: fish7@roffs.com

**ROFFS™ FISHERIES OCEANOGRAPHIC ANALYSIS FOR THE HAVANA CUBA AREA (LAT./LONG. ONLY)**

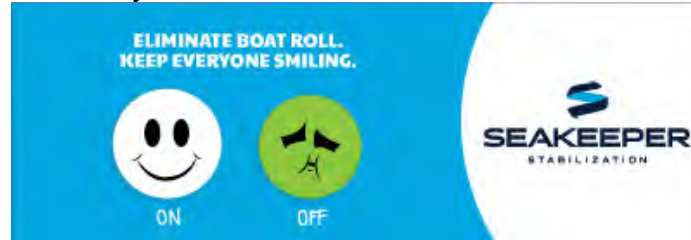
**UPDATED ON TUESDAY 10 MAY 2016 FOR TUESDAY P.M. AND WEDNESDAY FISHING ONLY**

Based on a multiple factor analysis, the symbols (hot spot spots) mark the areas where bait concentrations are expected and where fishing action is expected to be better when 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.

We are able to observe the ocean conditions offshore of Havana, Cuba relatively clearly today using a combination of infrared and MODIS chlorophyll satellite imagery from this morning and early this afternoon. The morning estimated sst of the main body of the Gulf Stream is 82.0°F and is located in 1600 meters of water approximately 15-17 miles offshore of the northern Cuban coastline. Although the offshore location of the Gulf Stream suggests a stronger current is not pushing into the ledge off Havana, we have been able to observe a large finger of blue 81.5°F water being pulled eastward and does push inshore over the ledge in 400-1000 meter depths just north of Havana providing good chances for fishing action with tuna, dolphin, wahoo and billfish, especially where it has remained favorable for two days near 82°19'W & 23°12'N, 82°13'W & 23°12'N, and 82°11'W & 23°12'N. Closer inshore, the eastward flow of the offshore blue water is pulling a band of blue green 81.0°F water eastward along the coast providing increased chances for action where it also pushes inshore over the 100-200 meter ledge from off Hemingway near 82°33'W & 23°05'N, and towards Punto Bravo and Havana near 82°23'W & 23°10'N and 82°21'W & 23°11'N.



East of Havana, the northeastward movement of Gulf Stream towards Key Largo has started to pull the southern edge of the finger of blue 81.5°F water in an unfavorable northward direction. We also observe upwelling along the coast from Guanabo to Punta Risco Alto caused by the offshore movement of the blue water. Usually offshore movement of the water is not favorable for concentrating fish and fishing action is likely to be slow and scattered. However, the inshore edge of the 81.5°F water is likely to provide some action where it remains over and inshore 1000 meter depths off Punta del Rincon near 82°07'W & 23°13'N and near 82°03'W & 23°14'N. If you are interested in running out to the main body of the Gulf Stream (82.0°F) we suggest heading north of Tarara and fish the blended blue to blue 81.1°F-82.0°F water mass boundary zone where it lies from near 82°21'W & 23°27'N to 82°13'W & 23°27'N, and near 82°05'W & 23°27'N. On your way offshore, keep a keen eye out for birds, bait and weed lines, as they are classic indicators for concentrations of fish.



Verbal updates are free between 10:30 AM and 11:59 AM (eastern time) only, please call. Thank you for not sharing this analysis with non-paying fishermen. We survive on your honesty. **OFFICE HOURS:** May 2 – May 24: Mon – Fri 9:00 AM - 6:00 PM, Saturday 9:00 AM – 5:00 PM (sometimes close earlier, order by 12 Noon). **Remember you can order and/or purchase your fishing analyses from our website (<http://www.roffs.com/> and press and hold on Order Analyses button) or by email. The ROFFS™ Graphic analysis is on the next page.**



