

ROFFER'S OCEAN FISHING FORECASTING SERVICE, INC.

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ROFFS FISHERIES OCEANOGRAPHIC ANALYSIS

FOR THE ARANSAS PASS TO BOCA SAN RAPHAEL (LAT./LONG.)

SAMPLE FOR 2007 SAMPLE FOR 2007 SAMPLE FOR 2007

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 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 at that location.

We are able to observe the ocean conditions within this area clearly today using a combination of high resolution infrared imagery from early and late this afternoon with MODIS chlorophyll (dissolved organic matter) data from over the past 24 hours. Overall, we are able to observe three counter clockwise rotating eddy features offshore of 200 fathom depths with centers of circulation east of Aransas Pass near 95°40'W & 27°27'N and 95°32'W & 26°54'N, and offshore of Brazos Santiago Pass just south of the Camel's Head near 96°05'W & 25°33'N. The counter clockwise rotation of these three eddies is pulling blue 76.3°F-78.2°F water inshore over the 50 fathom ledge and southward from North Bakers Rock to Ranzell's Rocks to near the Fireman's Hole and to over Texas Canyon. The favorable inshore motion of this blue water will provide your better chances for fishing action with tuna, dolphin, wahoo and billfish, especially where favorable conditions have remained over good bottom locations for multiple days.

With this in mind, the ocean conditions offshore of Aransas Pass suggests your better chances for fishing action with tuna, dolphin, wahoo and billfish will occur along the northern edge of the pool of blue 77.2°F water where favorable conditions have remained for the past three days from over the 50 fathom ledge near 96°38'W & 26°59'N eastward to over the 100 fathom ledge near 96°28'W & 26°55'N to over 300 fathom depths north of Colt 45 near 96°15'W & 26°53'N, and to over 500 fathom depths near 96°01'W & 26°49'N. Although the water north of Nueces Dome appears unstable as it gets pulled in a southward and offshore direction, increased chances for fishing action will also occur along the inshore edges of the blue 77.2°F-78.2°F water where it lies from over the 100 fathom ledge near 96°01'W & 27°32'N, and southward to over the Explosives Dump area near 96°03'W & 27°49'N to near 96°04'W & 27°11'N. Additional offshore chances for fishing action is likely to occur along the inshore edge of the finger of blue 78.2°F water that is being pulled inshore over the 500 fathom ledge, and where favorable conditions have remained for the past two days, over the Magnum 357 near 95°42'W & 27°07'N to 95°47'W & 27°04'N to over the good bottom of San Benito Dome near 95°23'W & 26°53'N. On your way offshore, do not overlook the relatively strong blue green to blue boundary zone (75.5°F-76.3°F) as it may also provide increased chances for fishing action inshore of the 100 fathom ledge over the good bottom areas along the 50 fathom ledge from Baker's Rock near 96°13'W & 27°40'N to south of Hospital Rock near 96°26'W & 27°29'N to 96°30'W & 27°53'N, over the 44 Fathom Bulge near 96°42'W & 27°13'N, and inshore over the 30 fathom ledge near 96°52'W & 27°08'N and 96°53'W & 27°03'N.

Offshore of Brazos Santiago Pass, the ocean conditions suggest good chances for fishing action with tuna, dolphin, wahoo and billfish will occur along the inshore western edge of the blue 78.2°F water as it continues to get pulled inshore and southward over the 100 fathom ledge and where favorable conditions have remained stable for 2-3 days from near 96°15'W & 26°24'N southward to Texas Canyon near 96°19'W & 26°12'N to inshore over the 50 fathom ledge near 96°26'W & 26°02'N. As you continue further south, a warmer finger of blue 79.1°F water is also being pulled inshore, by the offshore eddy feature, over the 100 fathom ledge providing additional good chances for fishing action where conditions have remained favorable for 2 consecutive days near 96°20'W & 25°49'N southward to near 96°21'W & 25°34'N. Additional chances for action, although not as favorable, is likely to occur further offshore along the warmer to cooler 79.1°F-78.2°F inshore edge of the eddy where it lies over 300-500 fathom depths near 96°04'W & 25°50'N to 96°10'W & 25°47'N to near 96°15'W & 25°37'N.

OFFICE HOURS: Mon. - Fri. 9:00 AM - 9:00 PM, Open on Saturday from 9:00 AM-6:00 PM. Closed on Sunday. Verbal updates are free between 10:30 a.m. and 11:59 a.m. (eastern time). Please do not share this analysis with other non paying fishermen. We survive on your honesty.

