This forecast is based on the NWS spot forecast from Saturday, May 8th PM. Currents were obtained from the NOAA Gulf of Mexico, West Florida Shelf/USF, Texas A&M/TGLO, and NAVO/NRL models and HFR measurements. The model was initialized from satellite imagery, analysis provided by NOAA/NESDIS obtained Saturday morning, and Friday/Saturday overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.

Significant winds from the N tonight, changing to NE on Sunday and then E on Sunday night move the main plume and other surface oil downwind. The Mississippi Delta, Breton Sound, the Chandeleur Islands and areas directly north have a potential for shoreline contacts throughout the forecast period. West of the Mississippi Delta, the shoreline between Timbalier Bay and Barataria Bay is threatened on Monday. With continued winds from the E, potential oil contacts could reach as far west as Pt Au Fer Island by Wednesday.

Next Forecast: May 9th PM