This forecast is based on the NWS spot forecast from Sunday, May 9th 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 Sunday satellite imagery and analysis provided by NOAA/NESDIS, and Saturday/Sunday 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 transition from being from the NE to E to SE by Monday morning. Continued significant winds from the E or SE through Tuesday have the potential to move new oil onshore. 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 west of Barataria Bay to Isles Dernieres is threatened on Monday. With continued winds from the SE or E, potential oil contacts could reach as far west as Oyster Bayou on Tuesday, and Atchafalaya Bay on Wednesday.