Nearshore Surface Oil Forecast

Deepwater Horizon MC252

This forecast is based on the NWS spot forecast from Wednesday, June 9 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, NAVO/NRL) and HFR measurements. The model was initialized from Wednesday satellite imagery analysis (NOAA/NESDIS) and 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.

Onshore (SE/SSE) winds are forecast to continue through Friday at 10 knots or less. Persistent southwesterly winds last week resulted in northward movement of the slick towards the Mississippi/Alabama barrier islands and westward movement along the Florida Panhandle. Models show alongshore currents becoming more westward over the next few days, inhibiting further eastward movement. However, coastal regions in Mississippi Sound west of Pensacola may continue to experience shoreline contacts throughout this forecast period. Persistent southeasterly winds are also resulting in movement of oil towards Chandeleur and Breton Sound and the Mississippi Delta.

Nearshore

Mississippi Canyon 252 Incident Location

Forecast location for oil on 12-June-10 at 1200 CDT

See Offshore Forecast for trajectories of oil to the south.

Next Forecast: June 10th PM