Nearshore Surface Oil Forecast
Deepwater Horizon MC252

This forecast is based on the NWS spot forecast from Saturday, June 26 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 Saturday 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.

Winds are forecast to be predominantly easterly (SE/ESE) through Tuesday at speeds of 5-15 kts. This will result in the northern edge of the slick moving northwest threatening the barrier islands of Mississippi/Alabama and the Florida Panhandle east to Freeport, FL. The Chandeleur Islands, Breton Sound and the Mississippi Delta are also threatened by shoreline contacts in this forecast period. West of the Delta, the shoreline between Barataria Bay and Terrebonne Bay are threatened as Saturday’s overflight reported brown bands of oil south and west of SW Pass.

The offshore forecast has been temporarily stopped due to small amounts of oil offshore, the absence of recent observations confirming significant amounts of oil in offshore areas, and the large separation between the loop current complex and the oil slick. Forecasts will resume if the threat returns.

Nearshore

Estimate for: 1200 CDT, Sunday, 6/27/10
Date Prepared: 2100 CDT, Saturday, 6/26/10

NOAA/NOS/OR&R

Wind forecast:
- SE/ESE: 5-15 kts

Map location:
- Mississippi Canyon 252
- Incident Location

Forecast location for oil on 27-June-10 at 1200 CDT

Next Forecast:
June 27th PM

this scale bar shows the meaning of the distribution terms at the current time