Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

This forecast is based on the NWS spot forecast from Saturday, July 24 AM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVA/NRL) and HFR measurements. The model was initialized from analysis of satellite imagery (NOAA/NESDIS) obtained on Saturday. 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.

Strong winds are expected by late Saturday as Tropical Depression Bonnie moves into the region -- maximum sustained winds are forecast to be 25-35 kts (from the NE then SW). Winds on Sunday-Tuesday are forecast to be SE/ESE/SSE at 10-20 kts. Satellite imagery indicates the surface oil is continuing to break up into numerous patches. However, due to strong and variable winds during this forecast period, the Chandeleur Islands, Breton Sound, the Mississippi Delta and shorelines west to Atchafalaya Bay are threatened by shoreline contacts within this forecast period.

Forecast location for oil on 25-July-10 at 1200 CDT

NOAA/NOS/OR&R

Estimate for: 1200 CDT, Sunday, 7/25/10
Date Prepared: 1900 CDT, Saturday, 7/24/10

Nearshore

Trajectory
Uncertainty
Light
Medium
Heavy
Potential beached oil

0 25 50 100 Miles

Next Forecast: July 25th PM

This set of trajectories does not include any additional release from the source since 7/15. Trajectories will continue to be updated daily as the situation evolves.

This scale bar shows the meaning of the distribution terms at the current time.