Nearshore Surface Oil Forecast Deepwater Horizon MC252

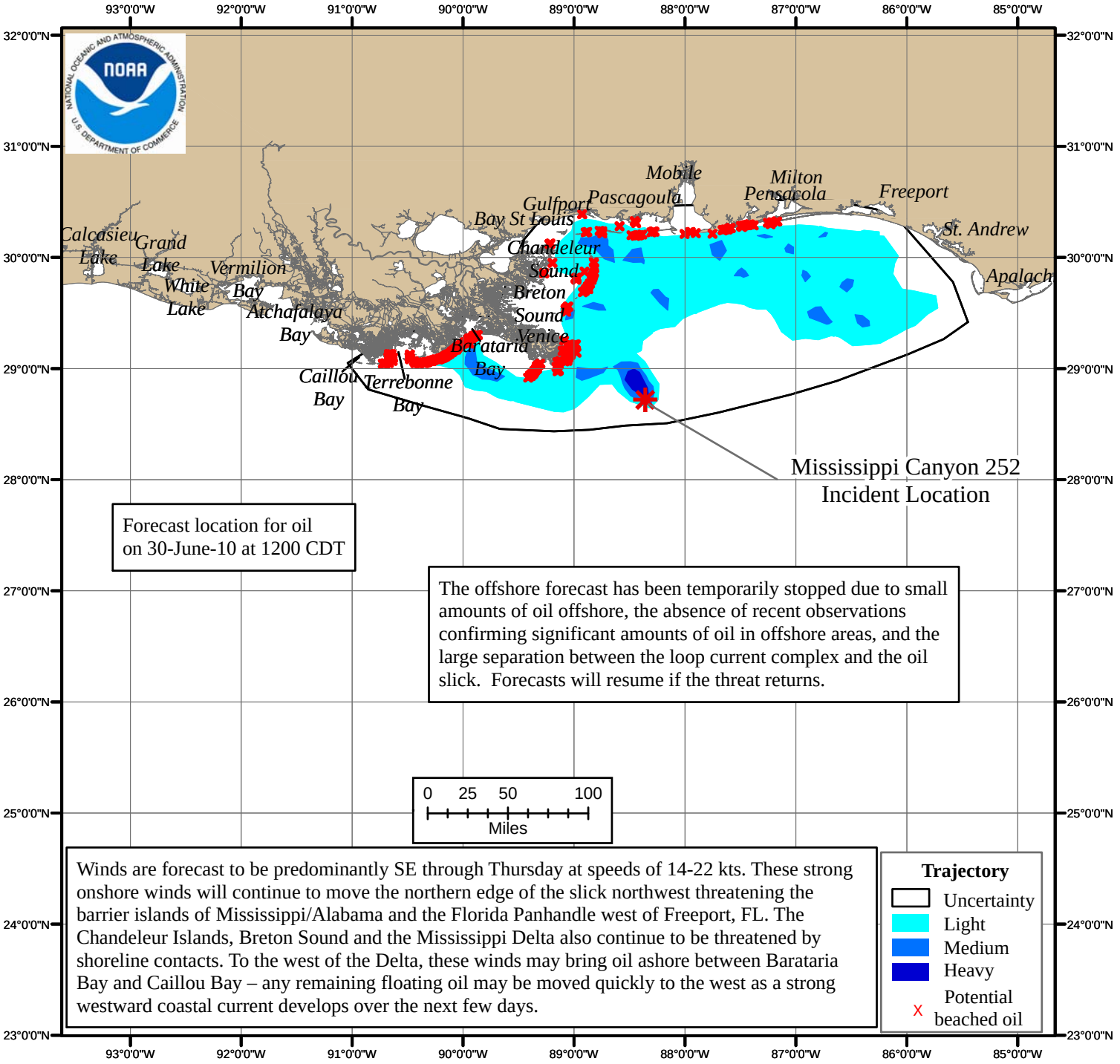
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Wednesday, 6/30/10

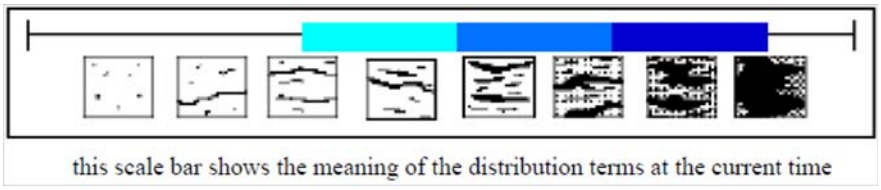
Date Prepared: 2100 CDT, Monday, 6/28/10

This forecast is based on the NWS spot forecast from Monday, June 28 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Sunday-Monday satellite imagery analysis (NOAA/NESDIS) and Monday 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.



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.

Winds are forecast to be predominantly SE through Thursday at speeds of 14-22 kts. These strong onshore winds will continue to move the northern edge of the slick northwest threatening the barrier islands of Mississippi/Alabama and the Florida Panhandle west of Freeport, FL. The Chandeleur Islands, Breton Sound and the Mississippi Delta also continue to be threatened by shoreline contacts. To the west of the Delta, these winds may bring oil ashore between Barataria Bay and Caillou Bay – any remaining floating oil may be moved quickly to the west as a strong westward coastal current develops over the next few days.



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

Next Forecast:
June 29th PM