

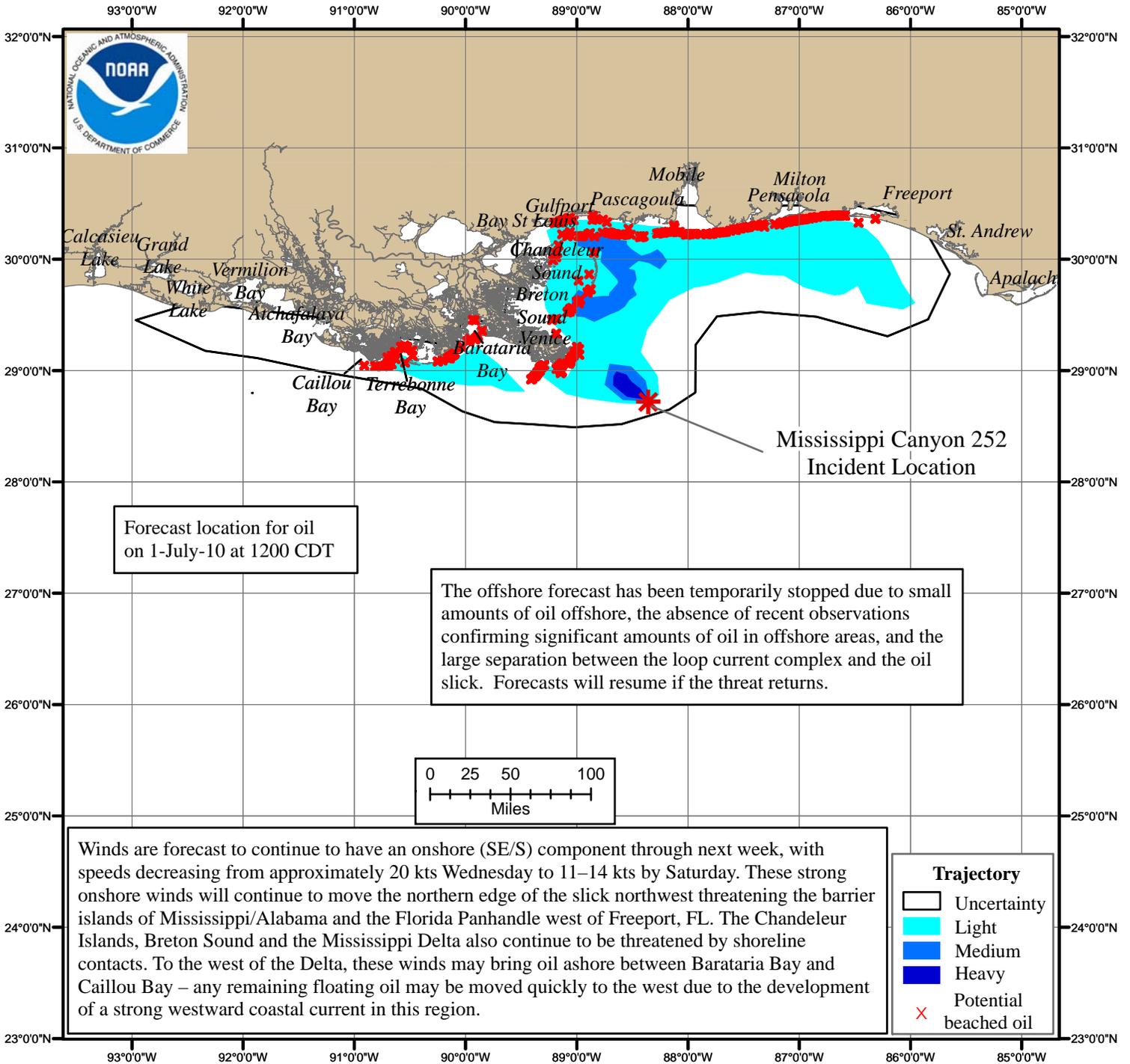
Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

Nearshore

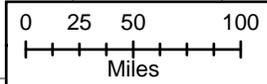
Estimate for: 1200 CDT, Thursday, 7/01/10
Date Prepared: 2100 CDT, Wednesday, 6/30/10

This forecast is based on the NWS spot forecast from Wednesday, June 30 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 Tuesday-Wednesday satellite imagery analysis (NOAA/NESDIS) and Wednesday 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.



Forecast location for oil on 1-July-10 at 1200 CDT

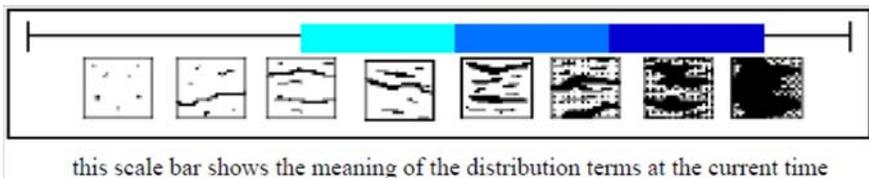
The offshore forecast has been temporarily stopped due to small amounts of oil offshore, the absence of recent observations confirming significant amounts of oil in offshore areas, and the large separation between the loop current complex and the oil slick. Forecasts will resume if the threat returns.



Winds are forecast to continue to have an onshore (SE/S) component through next week, with speeds decreasing from approximately 20 kts Wednesday to 11–14 kts by Saturday. 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 due to the development of a strong westward coastal current in this region.

Trajectory

- Uncertainty
- Light
- Medium
- Heavy
- Potential beached oil



Next Forecast:
July 1st PM