

Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

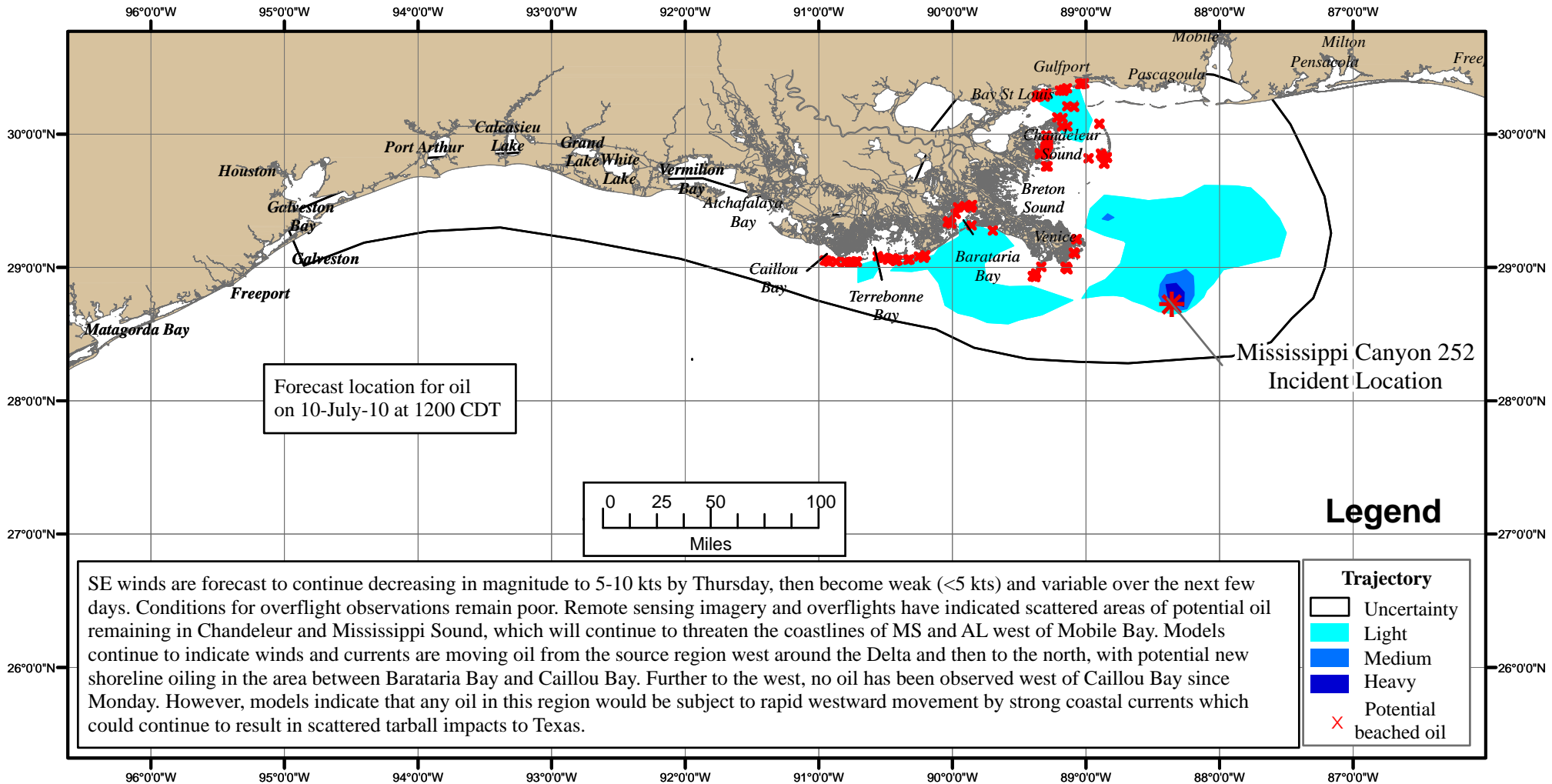
Nearshore



Estimate for: 1200 CDT, Saturday, 7/10/10

Date Prepared: 2100 CDT, Wednesday, 7/07/10

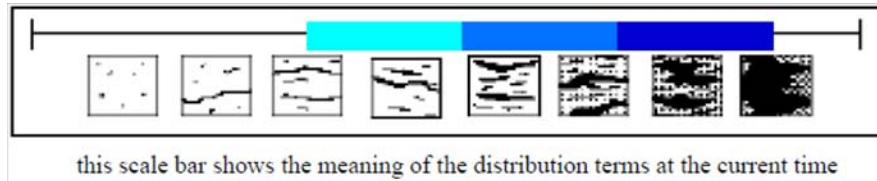
This forecast is based on the NWS spot forecast from Wednesday, July 7 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Wednesday satellite imagery analysis (NOAA/NESDIS) and overflights. 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.



SE winds are forecast to continue decreasing in magnitude to 5-10 kts by Thursday, then become weak (<5 kts) and variable over the next few days. Conditions for overflight observations remain poor. Remote sensing imagery and overflights have indicated scattered areas of potential oil remaining in Chandeleur and Mississippi Sound, which will continue to threaten the coastlines of MS and AL west of Mobile Bay. Models continue to indicate winds and currents are moving oil from the source region west around the Delta and then to the north, with potential new shoreline oiling in the area between Barataria Bay and Caillou Bay. Further to the west, no oil has been observed west of Caillou Bay since Monday. However, models indicate that any oil in this region would be subject to rapid westward movement by strong coastal currents which could continue to result in scattered tarball impacts to Texas.

Trajectory

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



Next Forecast:
July 8th PM