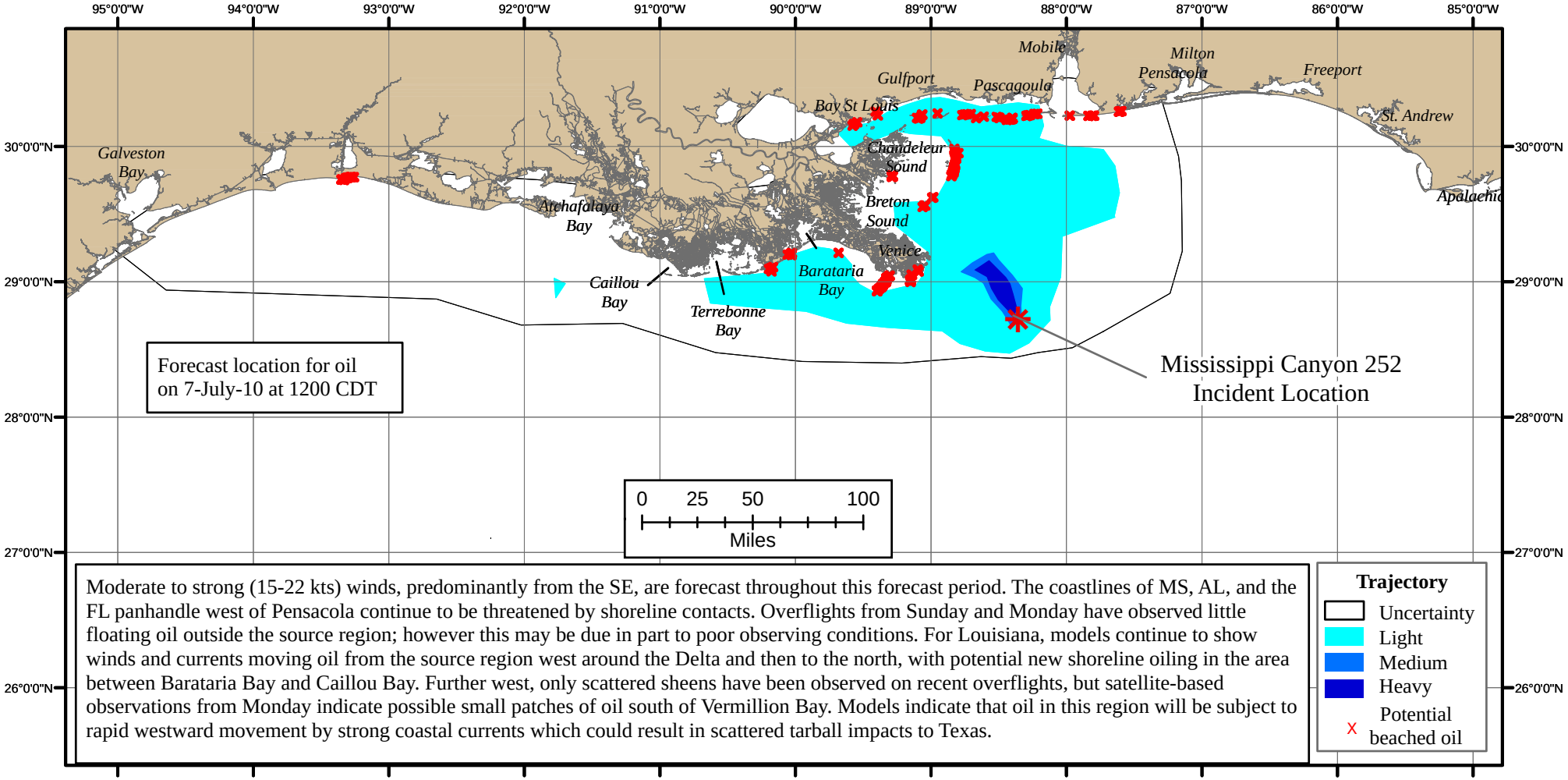
Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

NOAA/NOS/OR&R **Nearshore**

Estimate for: 1200 CDT, Wednesday, 7/07/10
Date Prepared: 2100 CDT, Monday, 7/05/10

This forecast is based on the NWS spot forecast from Monday, July 5 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 Monday satellite imagery analysis (NOAA/NESDIS) and Monday 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.



Moderate to strong (15-22 kts) winds, predominantly from the SE, are forecast throughout this forecast period. The coastlines of MS, AL, and the FL panhandle west of Pensacola continue to be threatened by shoreline contacts. Overflights from Sunday and Monday have observed little floating oil outside the source region; however this may be due in part to poor observing conditions. For Louisiana, models continue to show winds and currents 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 west, only scattered sheens have been observed on recent overflights, but satellite-based observations from Monday indicate possible small patches of oil south of Vermillion Bay. Models indicate that oil in this region will be subject to rapid westward movement by strong coastal currents which could result in scattered tarball impacts to Texas.

Trajectory

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

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

Next Forecast:
July 6th PM