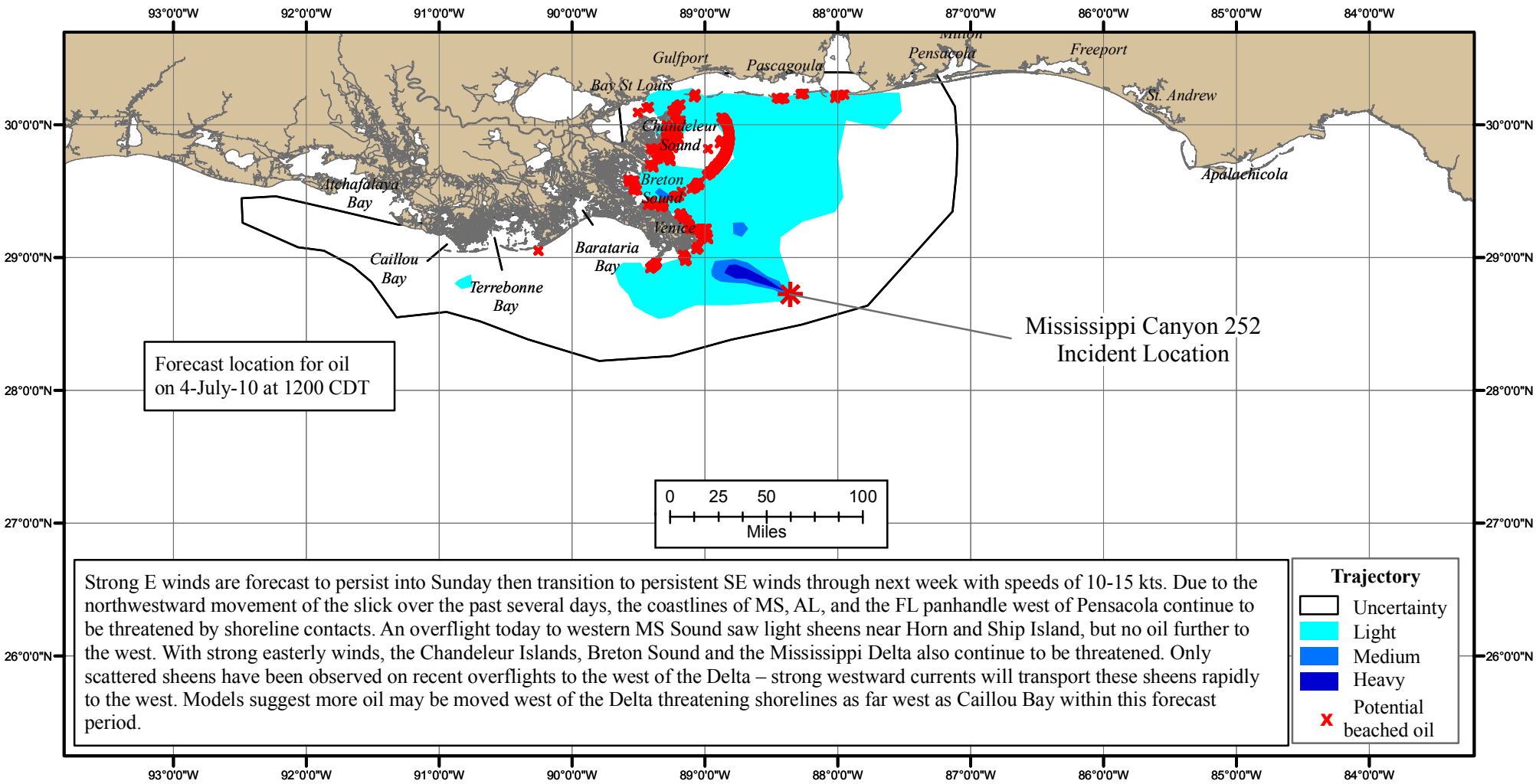
Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

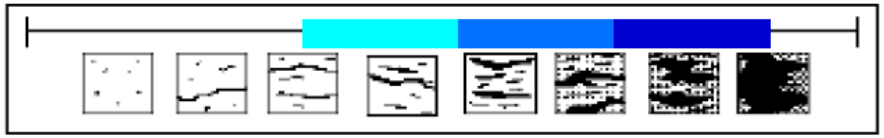
NOAA/NOS/OR&R **Nearshore**

Estimate for: 1200 CDT, Sunday, 7/04/10
Date Prepared: 2100 CDT, Saturday, 7/03/10

This forecast is based on the NWS spot forecast from Saturday, July 3 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 Friday-Saturday satellite imagery analysis (NOAA/NESDIS) and Saturday 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.



Strong E winds are forecast to persist into Sunday then transition to persistent SE winds through next week with speeds of 10-15 kts. Due to the northwestward movement of the slick over the past several days, the coastlines of MS, AL, and the FL panhandle west of Pensacola continue to be threatened by shoreline contacts. An overflight today to western MS Sound saw light sheens near Horn and Ship Island, but no oil further to the west. With strong easterly winds, the Chandeleur Islands, Breton Sound and the Mississippi Delta also continue to be threatened. Only scattered sheens have been observed on recent overflights to the west of the Delta – strong westward currents will transport these sheens rapidly to the west. Models suggest more oil may be moved west of the Delta threatening shorelines as far west as Caillou Bay within this forecast period.



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

Next Forecast:
July 4th PM