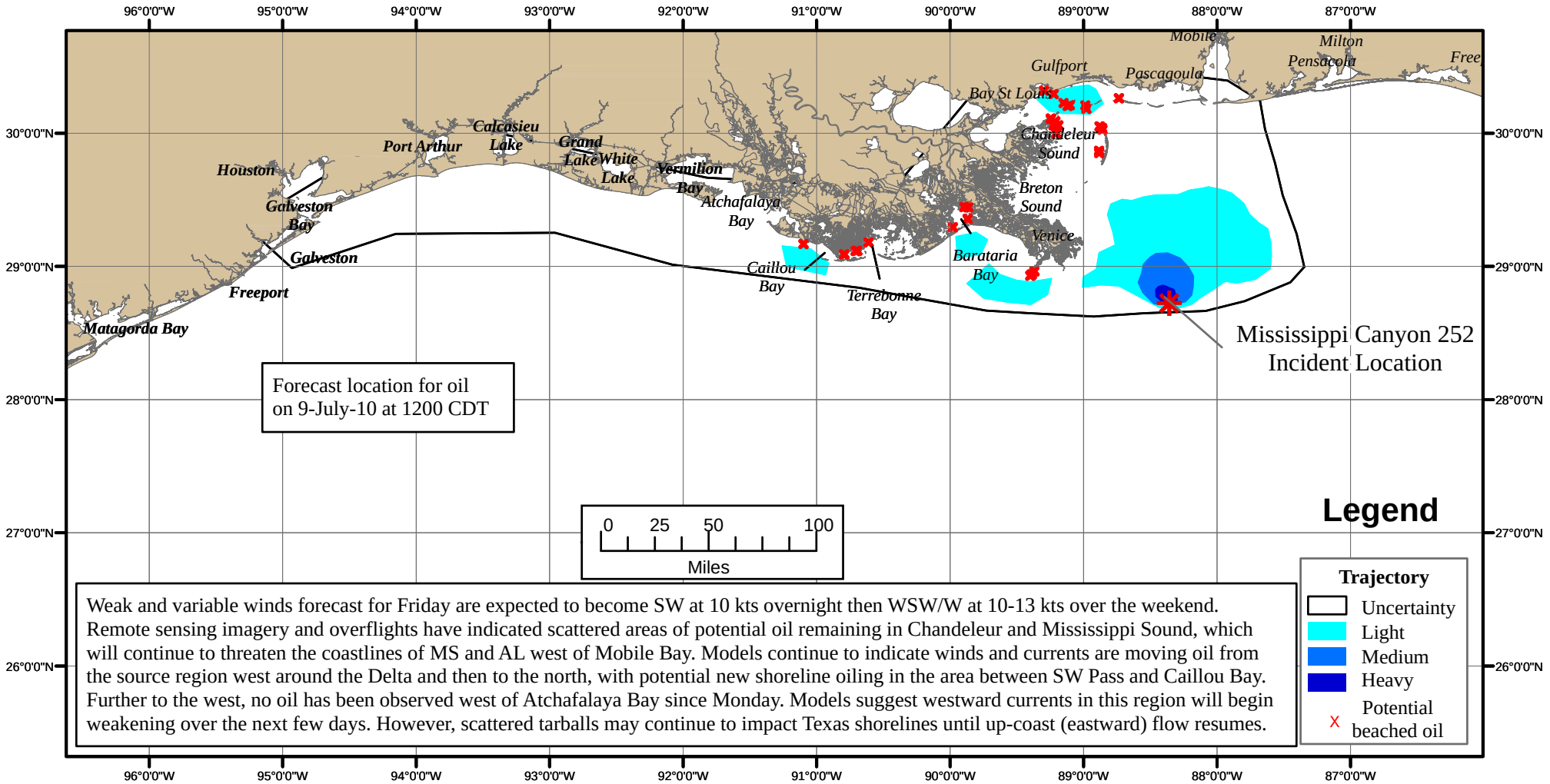
Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

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

Estimate for: 1200 CDT, Friday, 7/09/10
Date Prepared: 2100 CDT, Thursday, 7/08/10

This forecast is based on the NWS spot forecast from Thursday, July 8 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-Thursday satellite imagery analysis (NOAA/NESDIS) and Thursday 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.

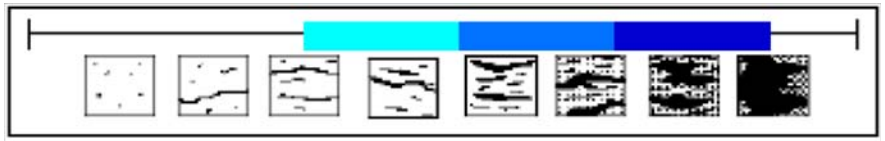


Legend

Trajectory

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

Weak and variable winds forecast for Friday are expected to become SW at 10 kts overnight then WSW/W at 10-13 kts over the weekend. 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 SW Pass and Caillou Bay. Further to the west, no oil has been observed west of Atchafalaya Bay since Monday. Models suggest westward currents in this region will begin weakening over the next few days. However, scattered tarballs may continue to impact Texas shorelines until up-coast (eastward) flow resumes.



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

Next Forecast:
July 9th PM