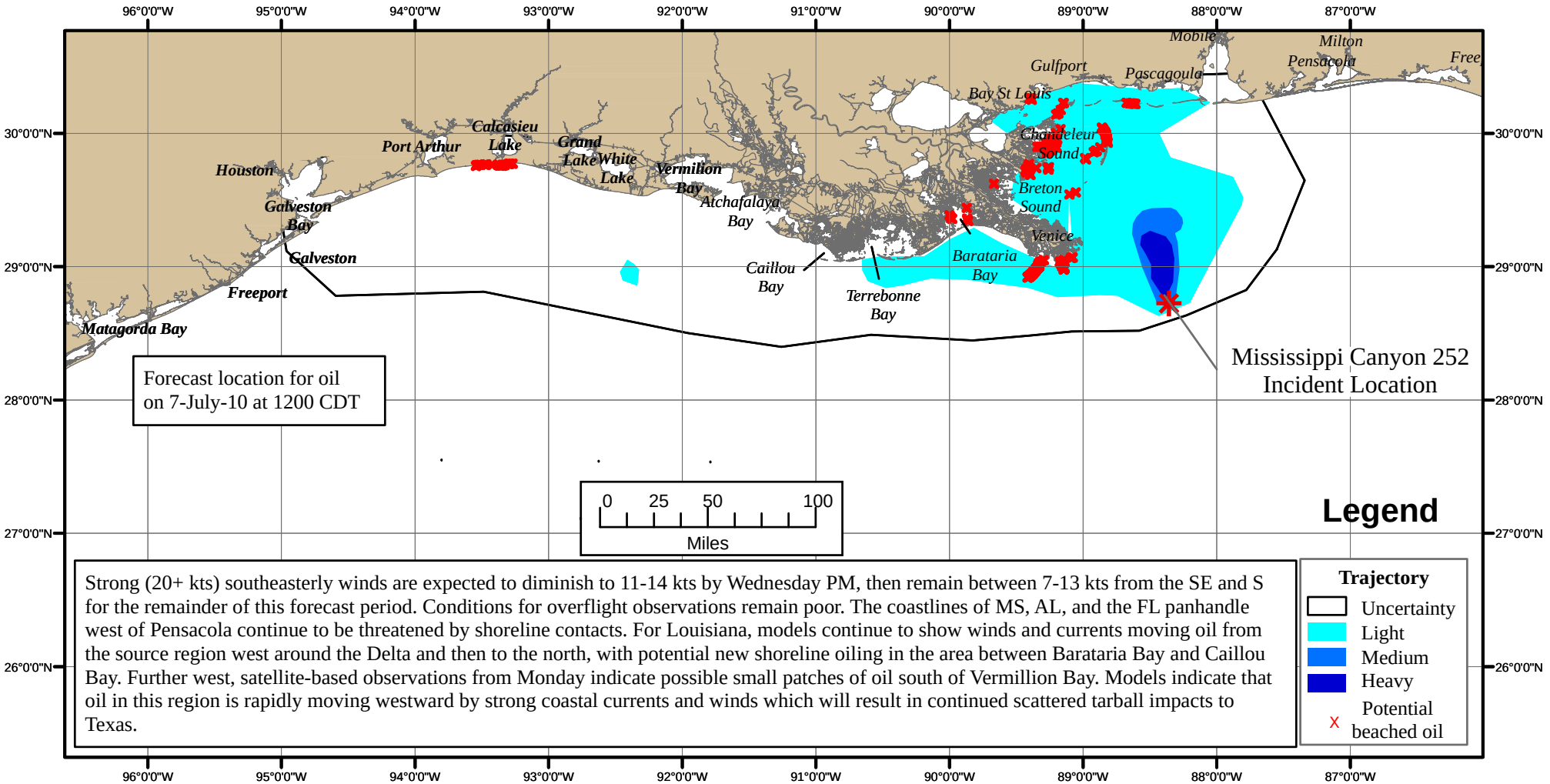
Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

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

Estimate for: 1200 CDT, Wednesday, 7/07/10
Date Prepared: 2100 CDT, Tuesday, 7/06/10

This forecast is based on the NWS spot forecast from Tuesday, July 6 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 Sunday-Tuesday satellite imagery analysis (NOAA/NESDIS) and Tuesday 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.

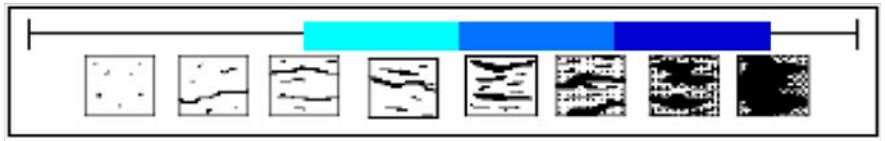


Legend

Strong (20+ kts) southeasterly winds are expected to diminish to 11-14 kts by Wednesday PM, then remain between 7-13 kts from the SE and S for the remainder of this forecast period. Conditions for overflight observations remain poor. The coastlines of MS, AL, and the FL panhandle west of Pensacola continue to be threatened by shoreline contacts. 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, satellite-based observations from Monday indicate possible small patches of oil south of Vermillion Bay. Models indicate that oil in this region is rapidly moving westward by strong coastal currents and winds which will result in continued 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 7th PM