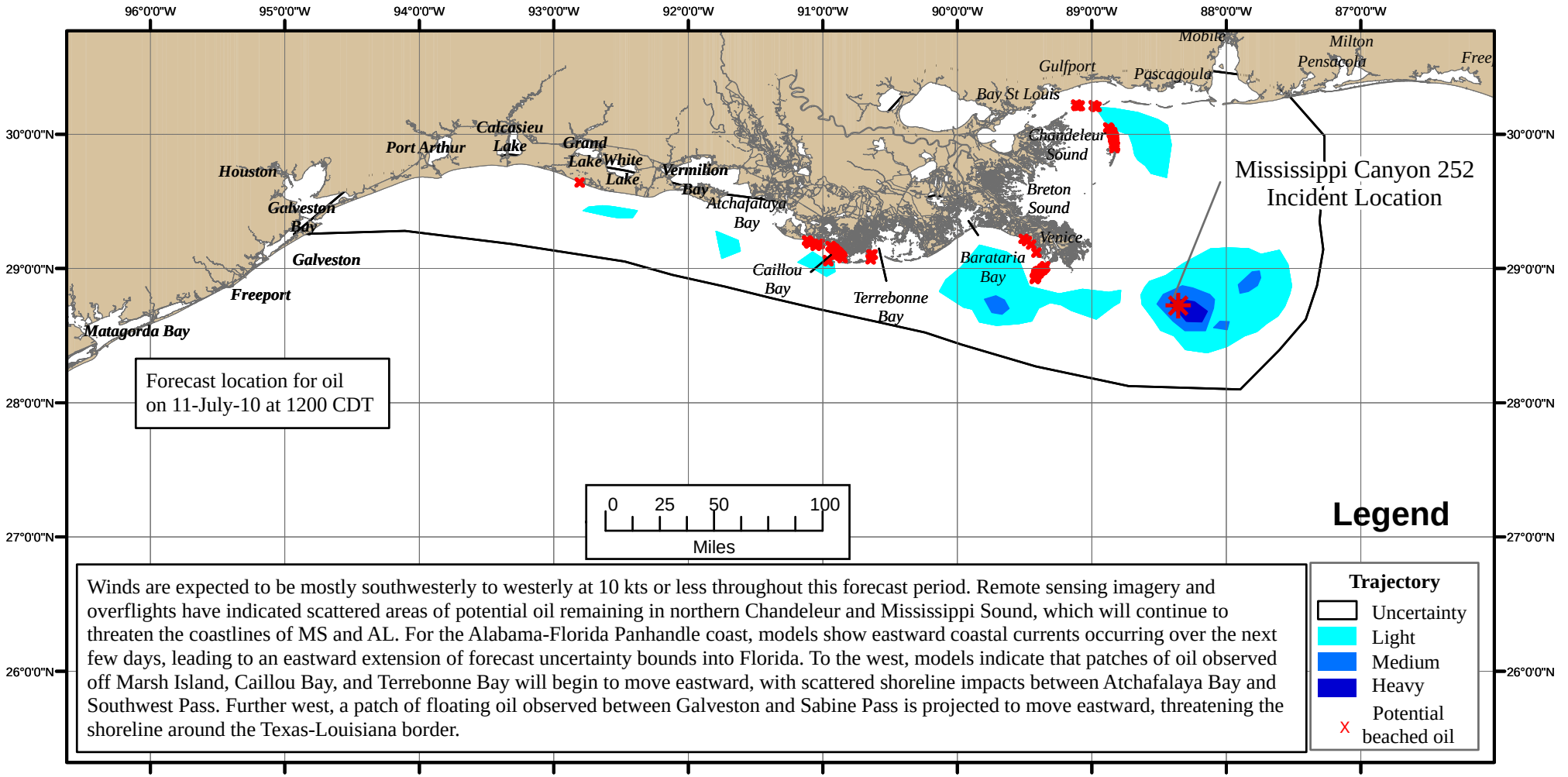
Nearshore
Surface Oil Forecast
Deepwater Horizon MC252

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

Estimate for: 1200 CDT, Sunday, 7/11/10
Date Prepared: 2100 CDT, Saturday, 7/10/10

This forecast is based on the NWS spot forecast from Saturday, July 10 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 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.

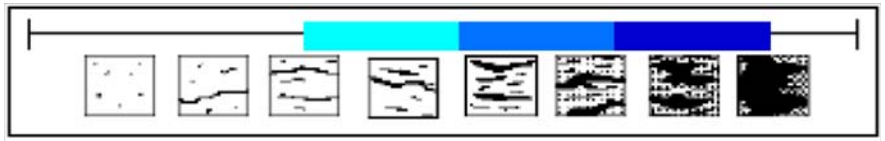


Legend

Winds are expected to be mostly southwesterly to westerly at 10 kts or less throughout this forecast period. Remote sensing imagery and overflights have indicated scattered areas of potential oil remaining in northern Chandeleur and Mississippi Sound, which will continue to threaten the coastlines of MS and AL. For the Alabama-Florida Panhandle coast, models show eastward coastal currents occurring over the next few days, leading to an eastward extension of forecast uncertainty bounds into Florida. To the west, models indicate that patches of oil observed off Marsh Island, Caillou Bay, and Terrebonne Bay will begin to move eastward, with scattered shoreline impacts between Atchafalaya Bay and Southwest Pass. Further west, a patch of floating oil observed between Galveston and Sabine Pass is projected to move eastward, threatening the shoreline around the Texas-Louisiana border.

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 11th PM