

Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

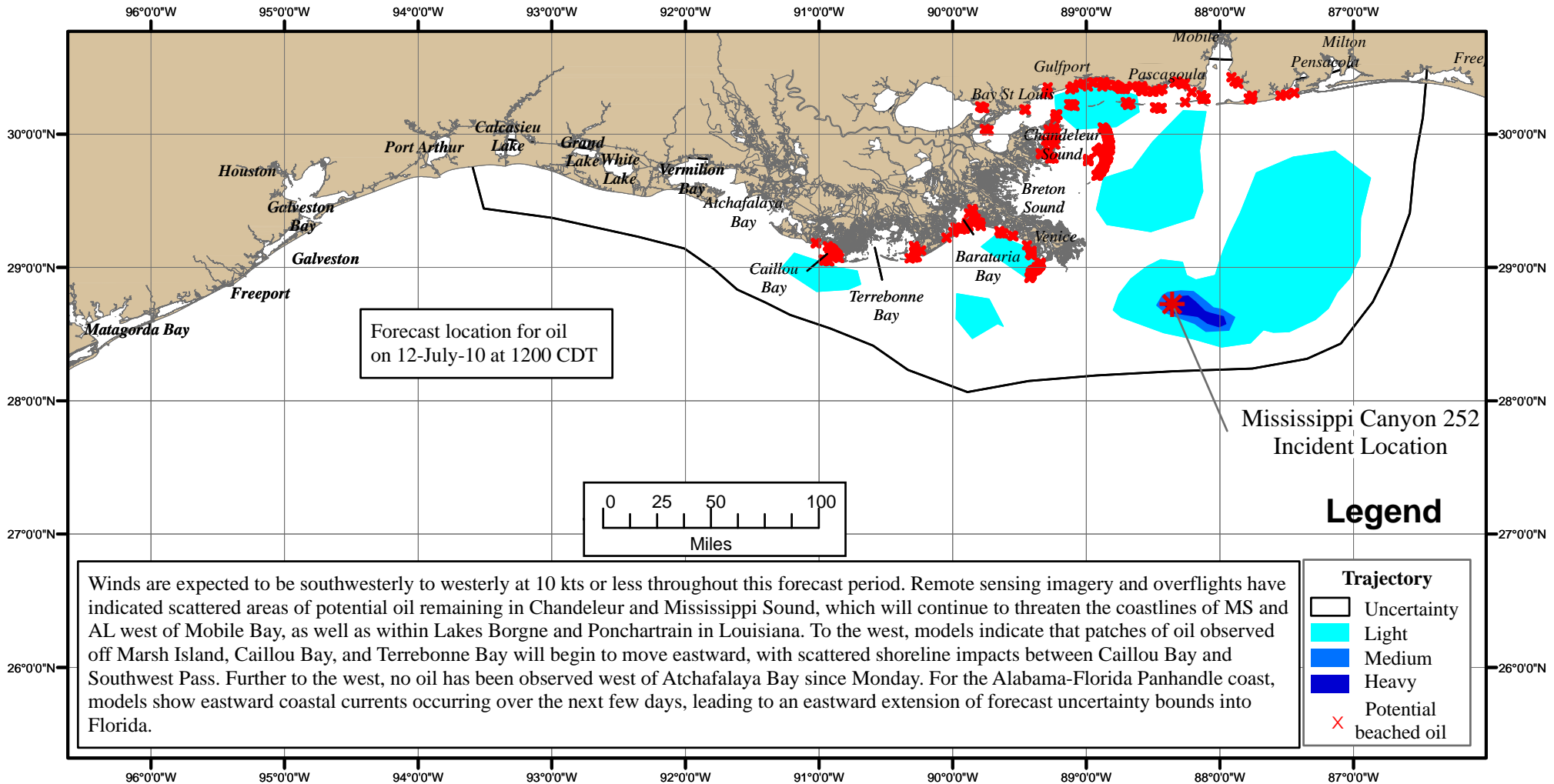
Nearshore



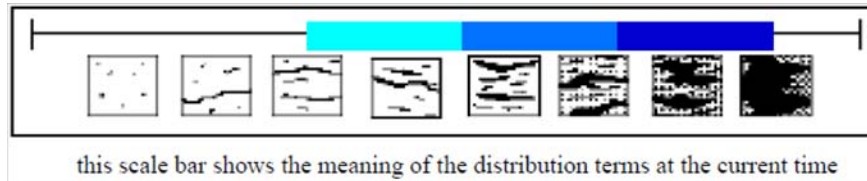
Estimate for: 1200 CDT, Monday, 7/12/10

Date Prepared: 2100 CDT, Friday, 7/09/10

This forecast is based on the NWS spot forecast from Friday, July 9 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 satellite imagery analysis (NOAA/NESDIS) and Friday 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.



Winds are expected to be 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 Chandeleur and Mississippi Sound, which will continue to threaten the coastlines of MS and AL west of Mobile Bay, as well as within Lakes Borgne and Ponchartrain in Louisiana. 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 Caillou Bay and Southwest Pass. Further to the west, no oil has been observed west of Atchafalaya Bay since Monday. 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.



Next Forecast:
July 10th PM