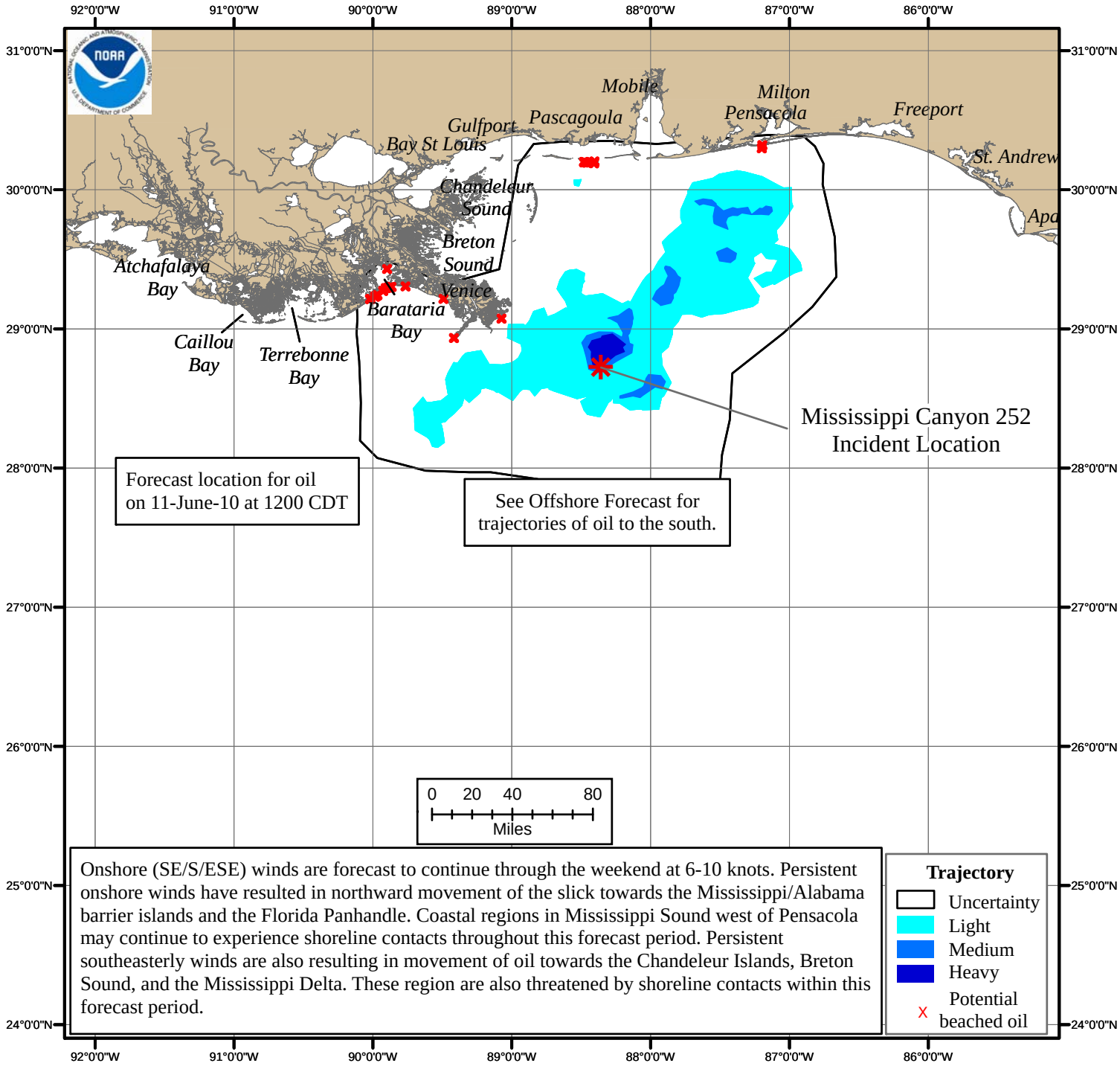
Nearshore Surface Oil Forecast Deepwater Horizon MC252

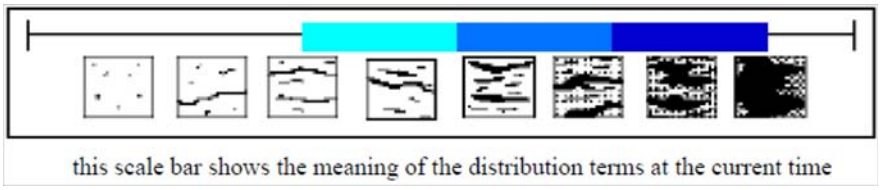
NOAA/NOS/OR&R **Nearshore**

Estimate for: 1200 CDT, Friday, 6/11/10
Date Prepared: 2100 CDT, Thursday 6/10/10

This forecast is based on the NWS spot forecast from Thursday, June 10 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, NAVO/NRL) and HFR measurements. The model was initialized from Thursday satellite imagery analysis (NOAA/NESDIS) and overflight observations. 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.



Onshore (SE/S/ESE) winds are forecast to continue through the weekend at 6-10 knots. Persistent onshore winds have resulted in northward movement of the slick towards the Mississippi/Alabama barrier islands and the Florida Panhandle. Coastal regions in Mississippi Sound west of Pensacola may continue to experience shoreline contacts throughout this forecast period. Persistent southeasterly winds are also resulting in movement of oil towards the Chandeleur Islands, Breton Sound, and the Mississippi Delta. These region are also threatened by shoreline contacts within this forecast period.



Next Forecast:
June 11th PM