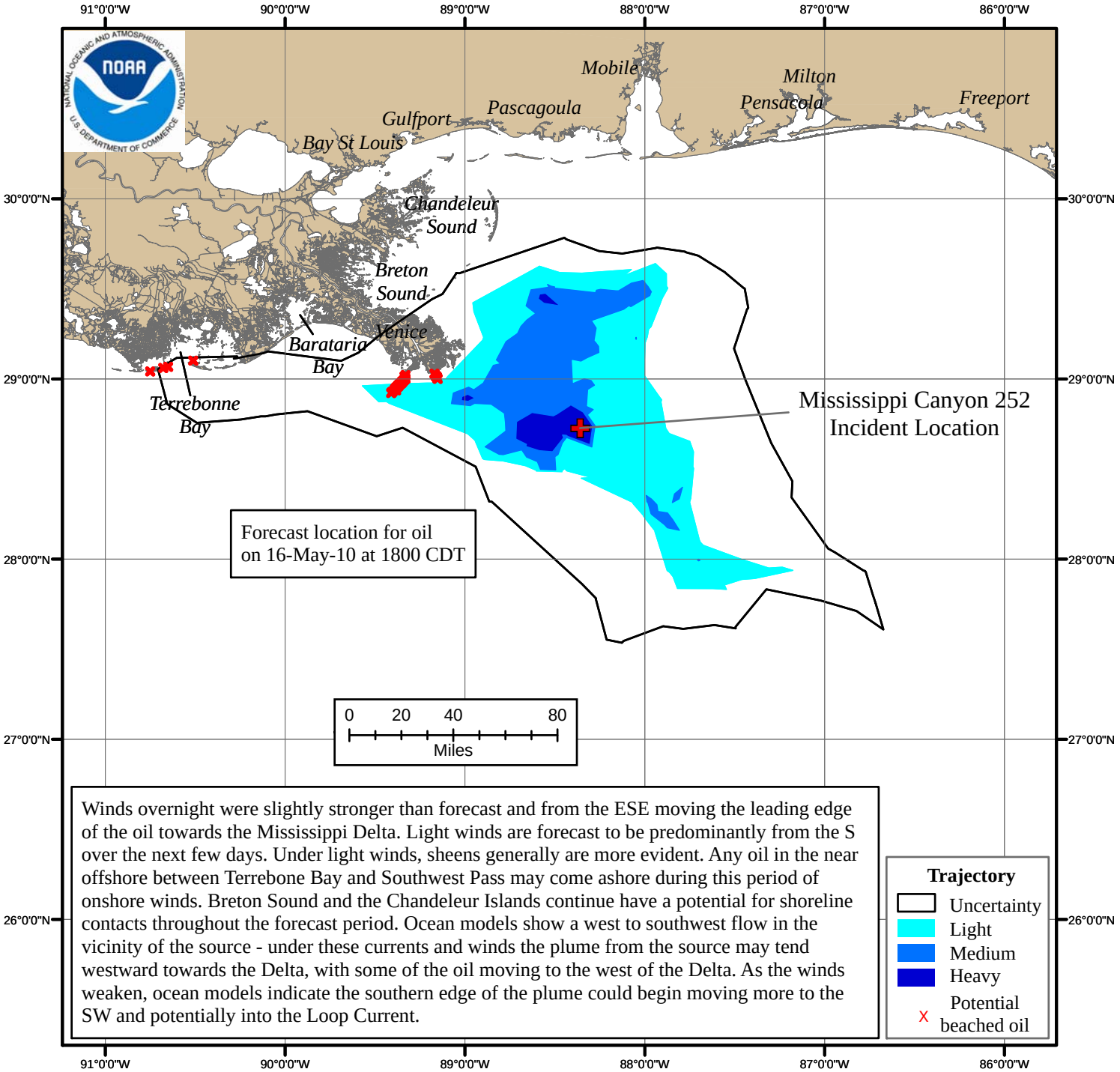
Trajectory Forecast
Mississippi Canyon 252

NOAA/NOS/OR&R

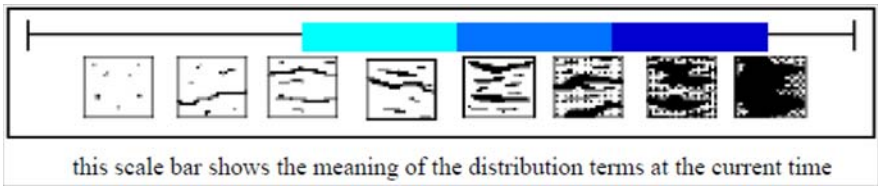
Estimate for: 1800 CDT, Sunday, 5/16/10

Date Prepared: 2100 CDT, Saturday, 5/15/10

This forecast is based on the NWS spot forecast from Saturday, May 15 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, Texas A&M/TGLO, NAVO/NRL) and HFR measurements. The model was initialized from Saturday morning satellite imagery analysis (NOAA/NESDIS). 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 overnight were slightly stronger than forecast and from the ESE moving the leading edge of the oil towards the Mississippi Delta. Light winds are forecast to be predominantly from the S over the next few days. Under light winds, sheens generally are more evident. Any oil in the near offshore between Terrebone Bay and Southwest Pass may come ashore during this period of onshore winds. Breton Sound and the Chandeleur Islands continue have a potential for shoreline contacts throughout the forecast period. Ocean models show a west to southwest flow in the vicinity of the source - under these currents and winds the plume from the source may tend westward towards the Delta, with some of the oil moving to the west of the Delta. As the winds weaken, ocean models indicate the southern edge of the plume could begin moving more to the SW and potentially into the Loop Current.



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

Next Forecast: May 16th PM