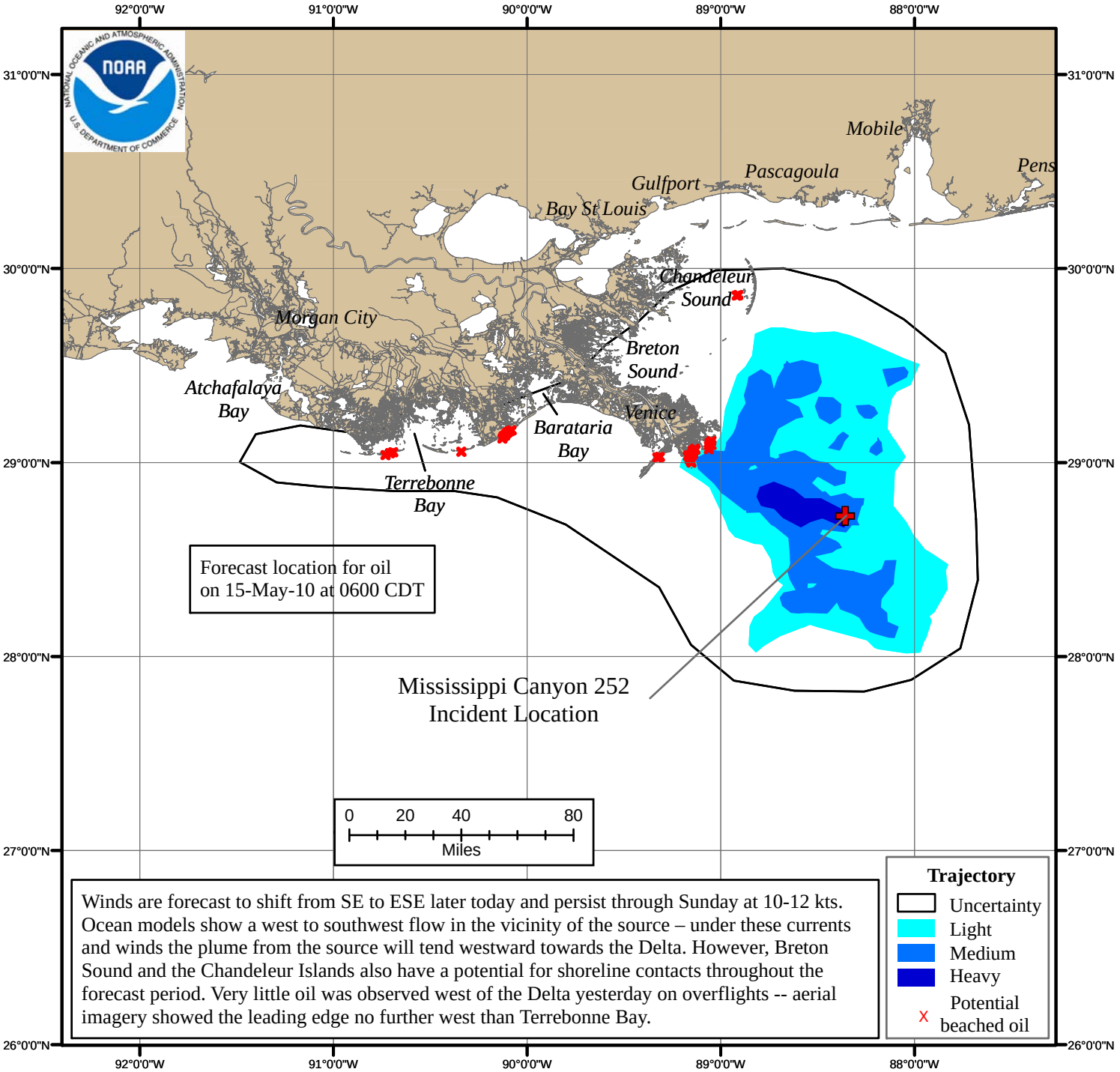
Trajectory Forecast
Mississippi Canyon 252

NOAA/NOS/OR&R

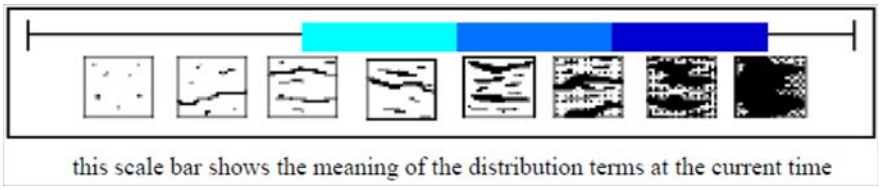
Estimate for: 0600 CDT, Saturday, 5/15/10

Date Prepared: 1300 CDT, Friday, 5/14/10

This forecast is based on the NWS spot forecast from Friday, May 14 AM. 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 Wednesday 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.



Winds are forecast to shift from SE to ESE later today and persist through Sunday at 10-12 kts. Ocean models show a west to southwest flow in the vicinity of the source – under these currents and winds the plume from the source will tend westward towards the Delta. However, Breton Sound and the Chandeleur Islands also have a potential for shoreline contacts throughout the forecast period. Very little oil was observed west of the Delta yesterday on overflights -- aerial imagery showed the leading edge no further west than Terrebonne Bay.



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

Next Forecast: May 15th AM