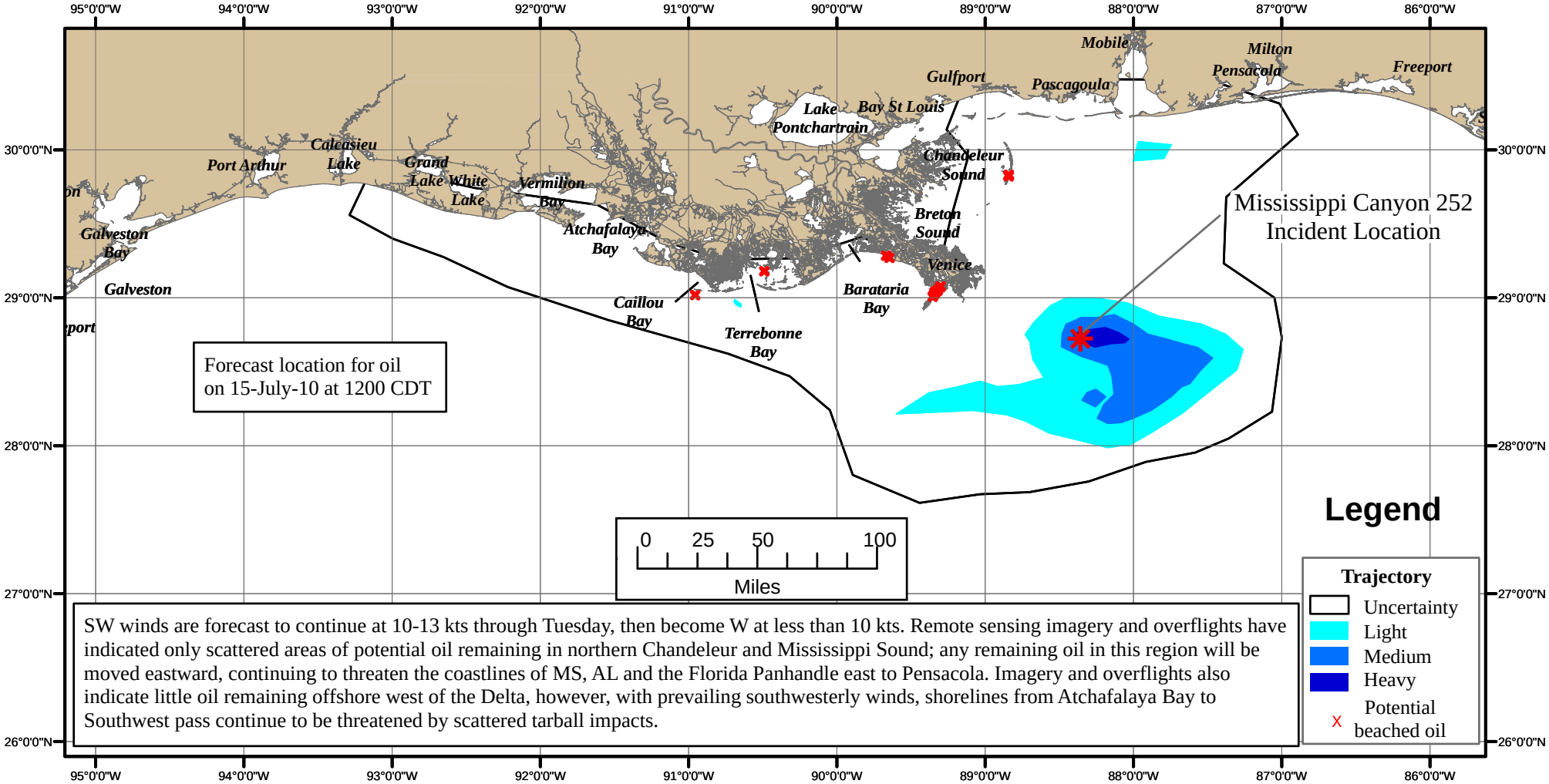
# Nearshore Surface Oil Forecast Deepwater Horizon MC252

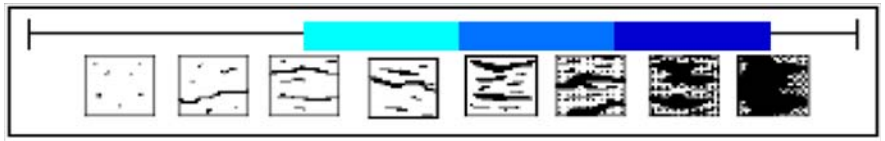
**NOAA/NOS/OR&R** **Nearshore**

Estimate for: 1200 CDT, Thursday, 7/15/10
Date Prepared: 2100 CDT, Monday, 7/12/10

This forecast is based on the NWS spot forecast from Monday, July 12 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 Monday 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.




SW winds are forecast to continue at 10-13 kts through Tuesday, then become W at less than 10 kts. Remote sensing imagery and overflights have indicated only scattered areas of potential oil remaining in northern Chandeleur and Mississippi Sound; any remaining oil in this region will be moved eastward, continuing to threaten the coastlines of MS, AL and the Florida Panhandle east to Pensacola. Imagery and overflights also indicate little oil remaining offshore west of the Delta, however, with prevailing southwesterly winds, shorelines from Atchafalaya Bay to Southwest pass continue to be threatened by scattered tarball impacts.



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

Next Forecast:
July 13th PM