

Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

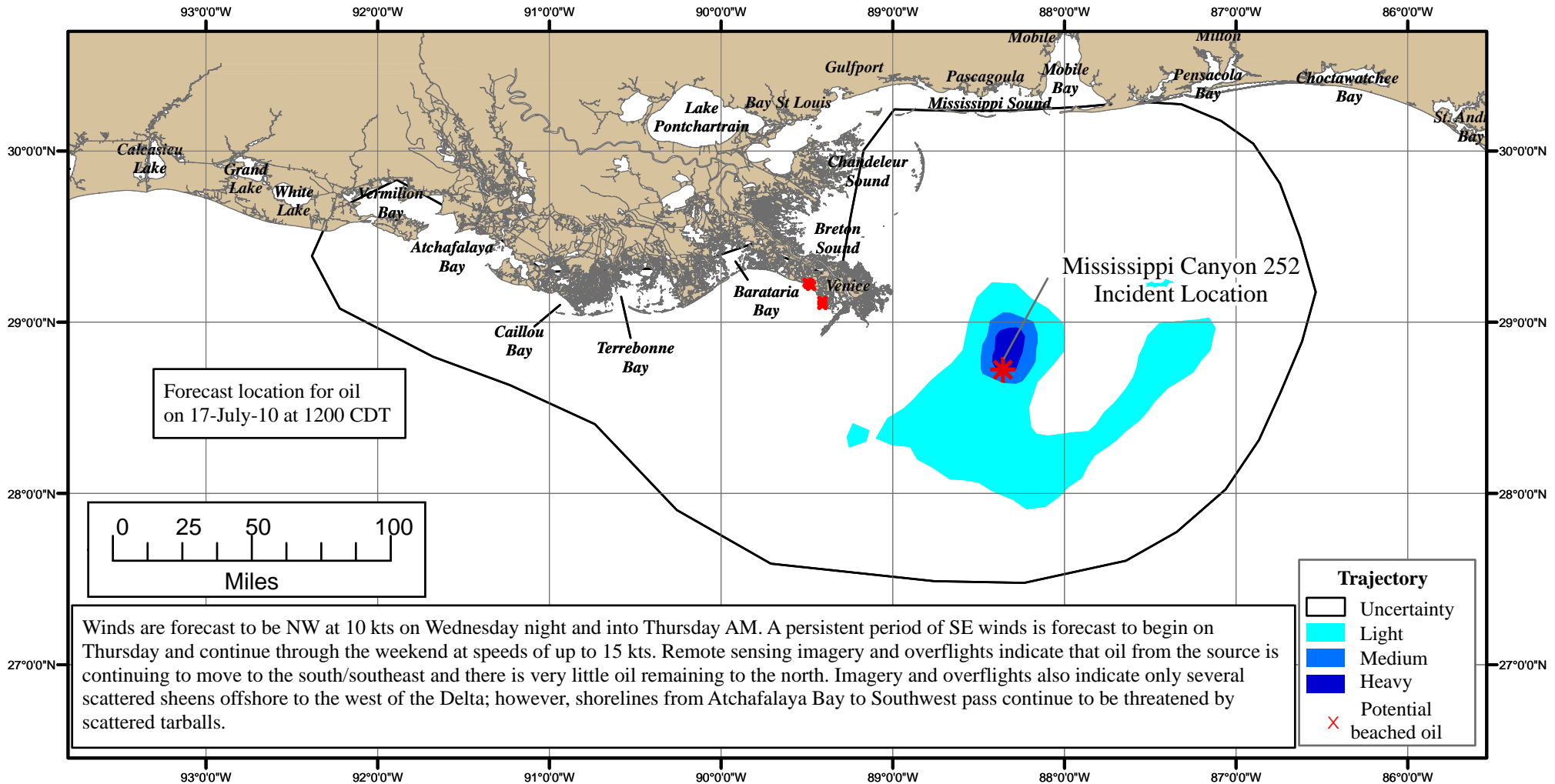
Nearshore



Estimate for: 1200 CDT, Saturday, 7/17/10

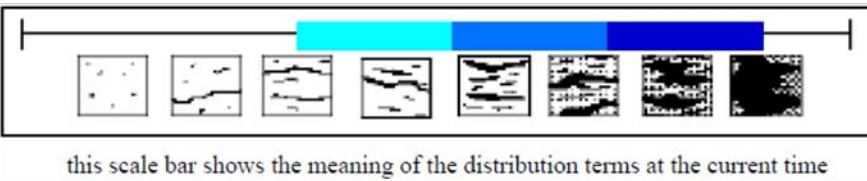
Date Prepared: 2100 CDT, Wednesday, 7/14/10

This forecast is based on the NWS spot forecast from Wednesday, July 14 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 Tuesday-Wednesday satellite imagery analysis (NOAA/NESDIS) and Wednesday 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 be NW at 10 kts on Wednesday night and into Thursday AM. A persistent period of SE winds is forecast to begin on Thursday and continue through the weekend at speeds of up to 15 kts. Remote sensing imagery and overflights indicate that oil from the source is continuing to move to the south/southeast and there is very little oil remaining to the north. Imagery and overflights also indicate only several scattered sheens offshore to the west of the Delta; however, shorelines from Atchafalaya Bay to Southwest pass continue to be threatened by scattered tarballs.

- Trajectory**
- Uncertainty
 - Light
 - Medium
 - Heavy
 - X Potential beached oil



Next Forecast:
July 15th PM