

# Nearshore Surface Oil Forecast Deepwater Horizon MC252

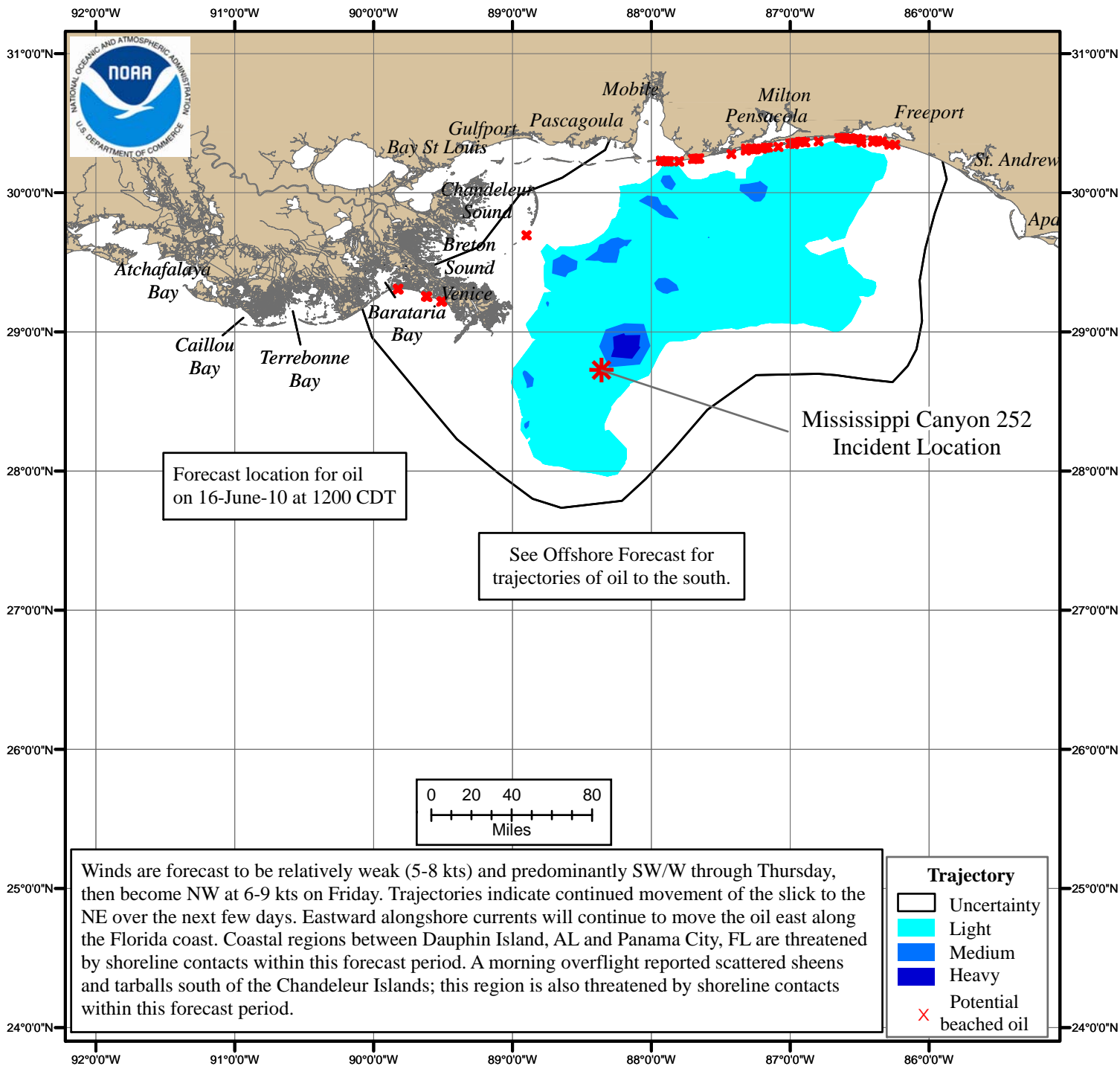
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Wednesday, 6/16/10

Date Prepared: 2100 CDT, Tuesday, 6/15/10

This forecast is based on the NWS spot forecast from Tuesday, June 15 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 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.



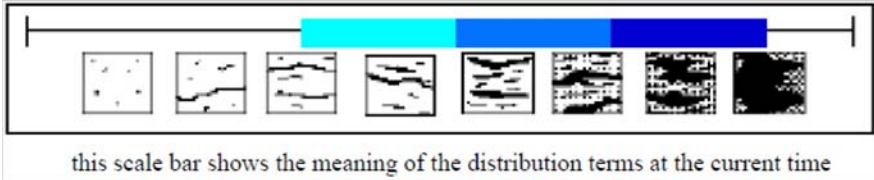
Forecast location for oil on 16-June-10 at 1200 CDT

See Offshore Forecast for trajectories of oil to the south.

Winds are forecast to be relatively weak (5-8 kts) and predominantly SW/W through Thursday, then become NW at 6-9 kts on Friday. Trajectories indicate continued movement of the slick to the NE over the next few days. Eastward alongshore currents will continue to move the oil east along the Florida coast. Coastal regions between Dauphin Island, AL and Panama City, FL are threatened by shoreline contacts within this forecast period. A morning overflight reported scattered sheens and tarballs south of the Chandeleur Islands; this region is also threatened by shoreline contacts within this forecast period.

**Trajectory**

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



Next Forecast:  
June 16th PM