

Nearshore Surface Oil Forecast Deepwater Horizon MC252

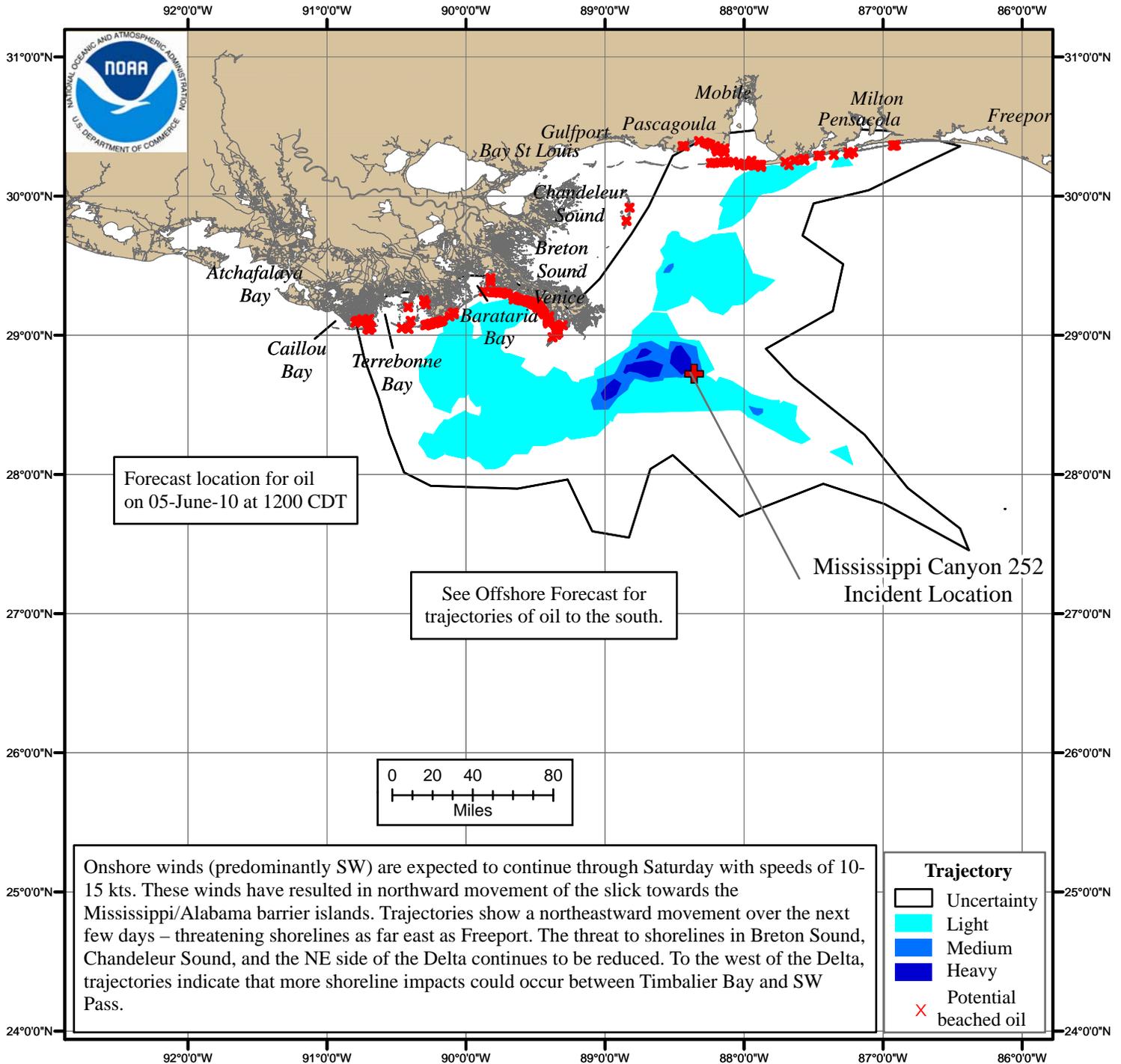
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Saturday, 6/05/10

Date Prepared: 2100 CDT, Wednesday, 6/02/10

This forecast is based on the NWS spot forecast from Wednesday, June 2 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, NAVO/NRL) and HFR measurements. The model was initialized from Tuesday evening 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.



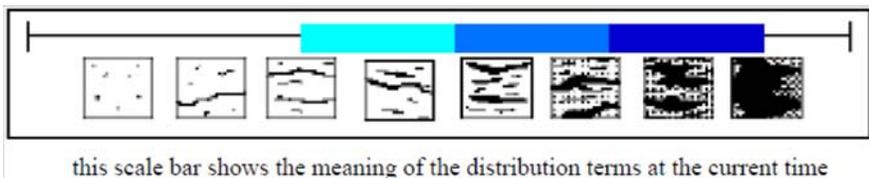
Forecast location for oil on 05-June-10 at 1200 CDT

See Offshore Forecast for trajectories of oil to the south.

Mississippi Canyon 252 Incident Location

Onshore winds (predominantly SW) are expected to continue through Saturday with speeds of 10-15 kts. These winds have resulted in northward movement of the slick towards the Mississippi/Alabama barrier islands. Trajectories show a northeastward movement over the next few days – threatening shorelines as far east as Freeport. The threat to shorelines in Breton Sound, Chandeleur Sound, and the NE side of the Delta continues to be reduced. To the west of the Delta, trajectories indicate that more shoreline impacts could occur between Timbalier Bay and SW Pass.

Trajectory	
	Uncertainty
	Light
	Medium
	Heavy
	Potential beached oil



Next Forecast:
June 3rd PM