

Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

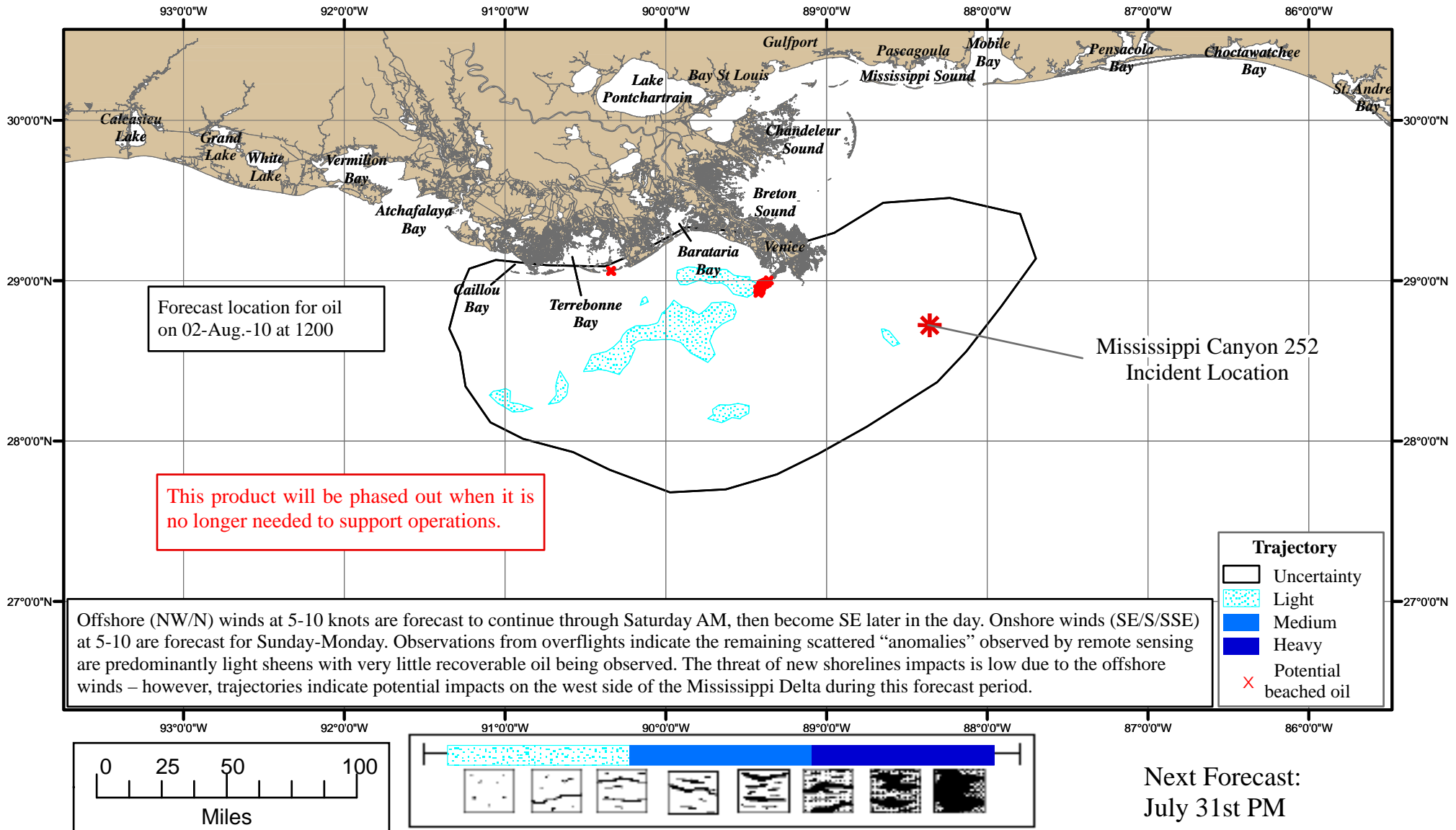
Nearshore



Estimate for: 1200 CDT, Monday, 8/02/10

Date Prepared: 2000 CDT, Friday, 7/30/10

This forecast is based on the NWS spot forecast from Friday, July 30 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 Thursday-Friday satellite imagery analysis (NOAA/NESDIS) and Friday 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.



Next Forecast:
July 31st PM

Offshore (NW/N) winds at 5-10 knots are forecast to continue through Saturday AM, then become SE later in the day. Onshore winds (SE/S/SSE) at 5-10 are forecast for Sunday-Monday. Observations from overflights indicate the remaining scattered "anomalies" observed by remote sensing are predominantly light sheens with very little recoverable oil being observed. The threat of new shorelines impacts is low due to the offshore winds – however, trajectories indicate potential impacts on the west side of the Mississippi Delta during this forecast period.