

Nearshore Surface Oil Forecast Deepwater Horizon MC252

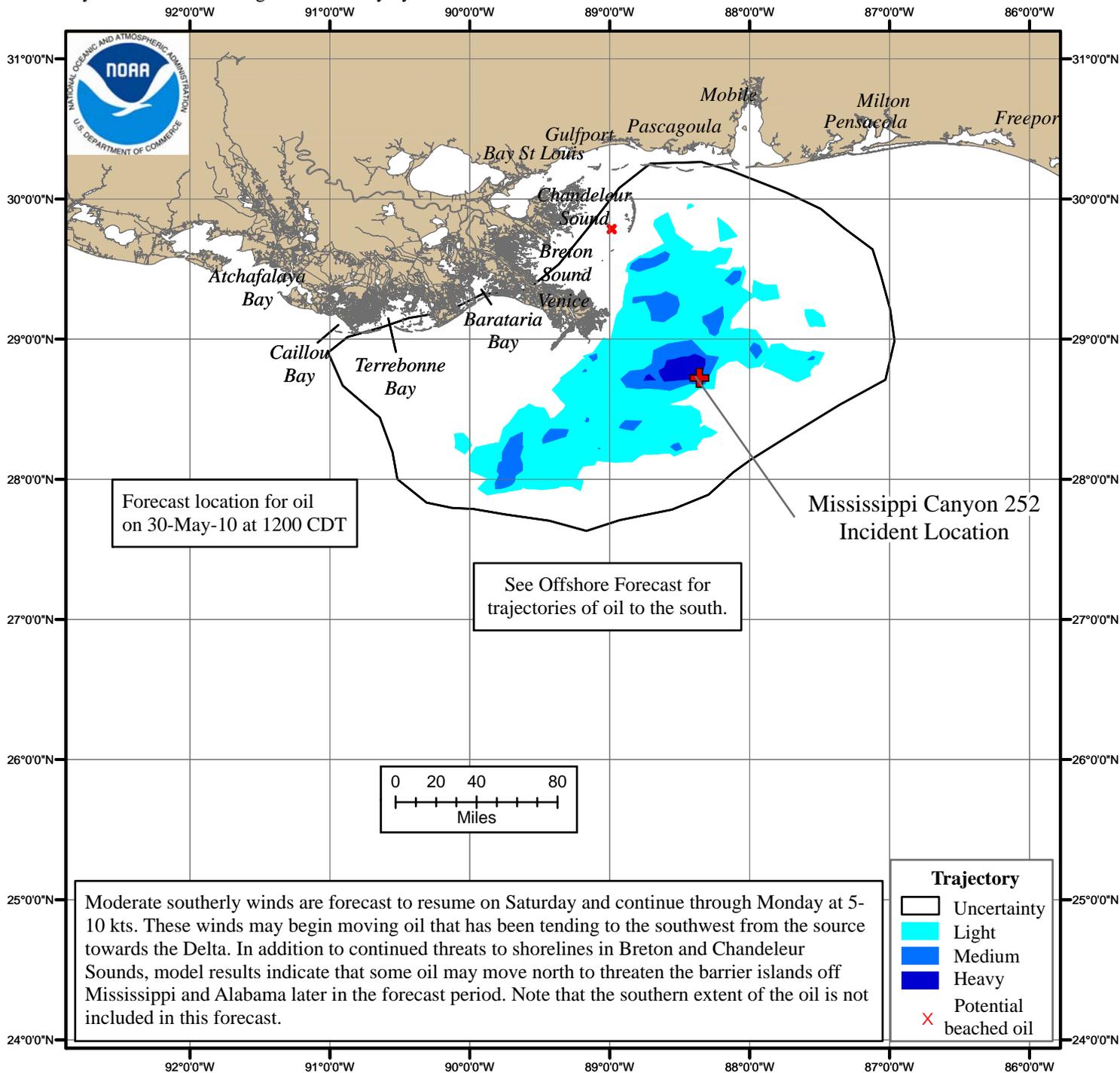
NOAA/NOS/OR&R

Nearshore

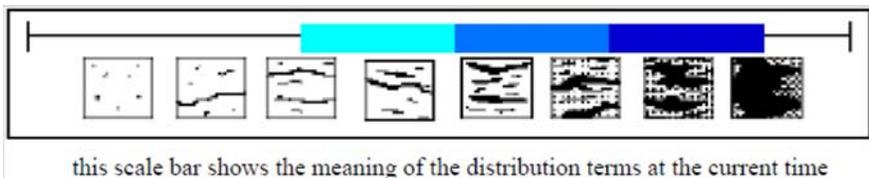
Estimate for: 1200 CDT, Sunday, 5/30/10

Date Prepared: 2100 CDT, Friday, 5/28/10

This forecast is based on the NWS spot forecast from Friday, May 28 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TAMU/TGLO, NAVO/NRL) and HFR measurements. The model was initialized from Friday 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.



Moderate southerly winds are forecast to resume on Saturday and continue through Monday at 5-10 kts. These winds may begin moving oil that has been tending to the southwest from the source towards the Delta. In addition to continued threats to shorelines in Breton and Chandeleur Sounds, model results indicate that some oil may move north to threaten the barrier islands off Mississippi and Alabama later in the forecast period. Note that the southern extent of the oil is not included in this forecast.



Next Forecast:
May 29th PM