

Nearshore Surface Oil Forecast Mississippi Canyon 252

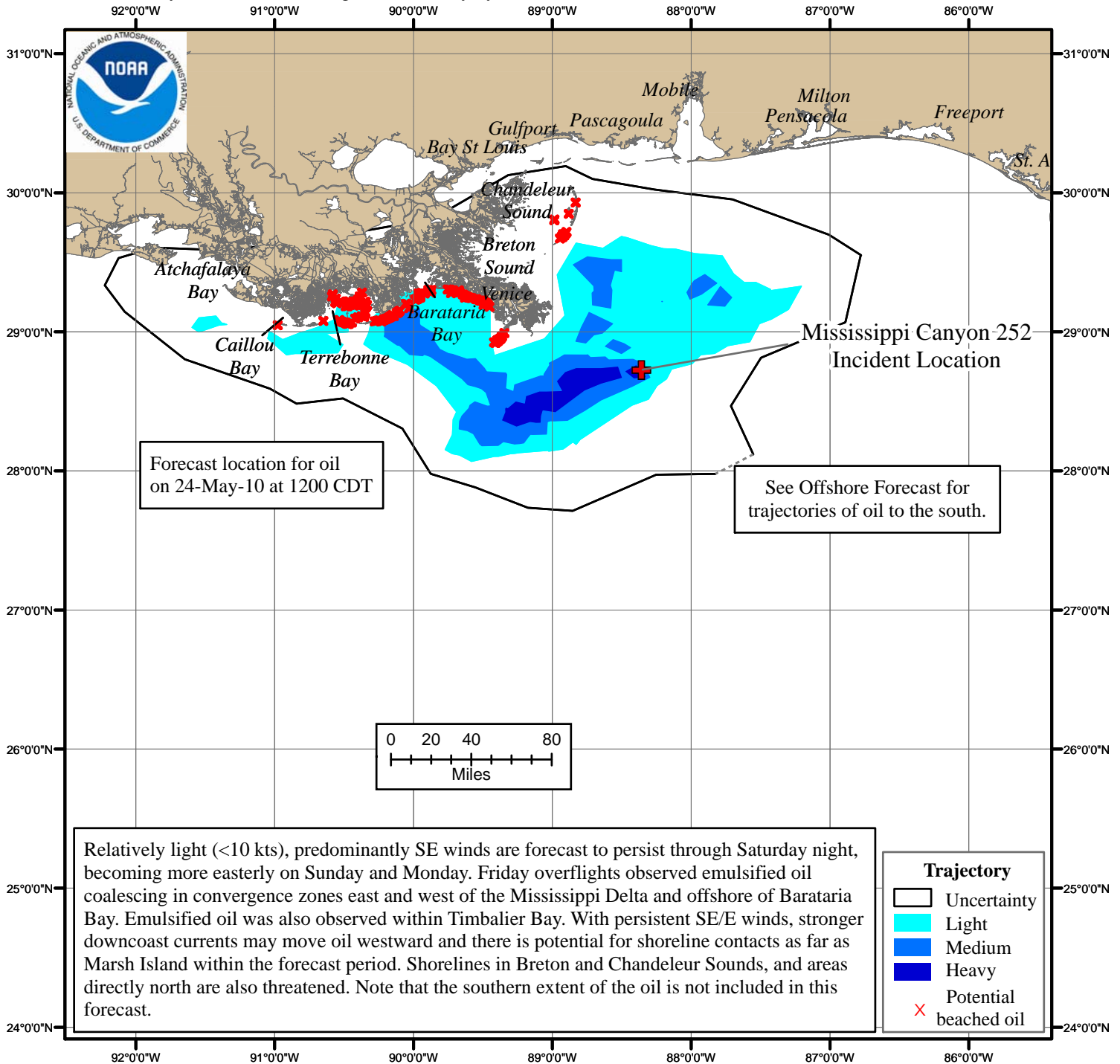
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Monday, 5/24/10

Date Prepared: 1900 CDT, Friday, 5/21/10

This forecast is based on the NWS spot forecast from Friday, May 21 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.

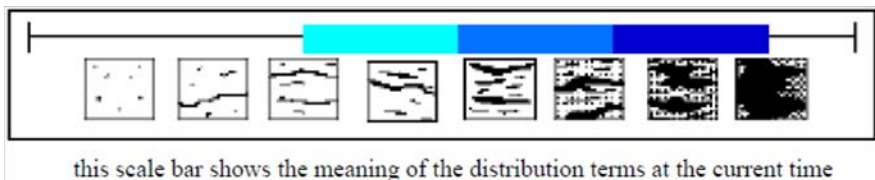


Forecast location for oil on 24-May-10 at 1200 CDT

See Offshore Forecast for trajectories of oil to the south.

Relatively light (<10 kts), predominantly SE winds are forecast to persist through Saturday night, becoming more easterly on Sunday and Monday. Friday overflights observed emulsified oil coalescing in convergence zones east and west of the Mississippi Delta and offshore of Barataria Bay. Emulsified oil was also observed within Timbalier Bay. With persistent SE/E winds, stronger downcoast currents may move oil westward and there is potential for shoreline contacts as far as Marsh Island within the forecast period. Shorelines in Breton and Chandeleur Sounds, and areas directly north are also threatened. Note that the southern extent of the oil is not included in this forecast.

| Trajectory | |
|------------|-----------------------|
| | Uncertainty |
| | Light |
| | Medium |
| | Heavy |
| | Potential beached oil |



Next Forecast:
May 22nd PM