Nearshore Surface Oil Forecast Deepwater Horizon MC252

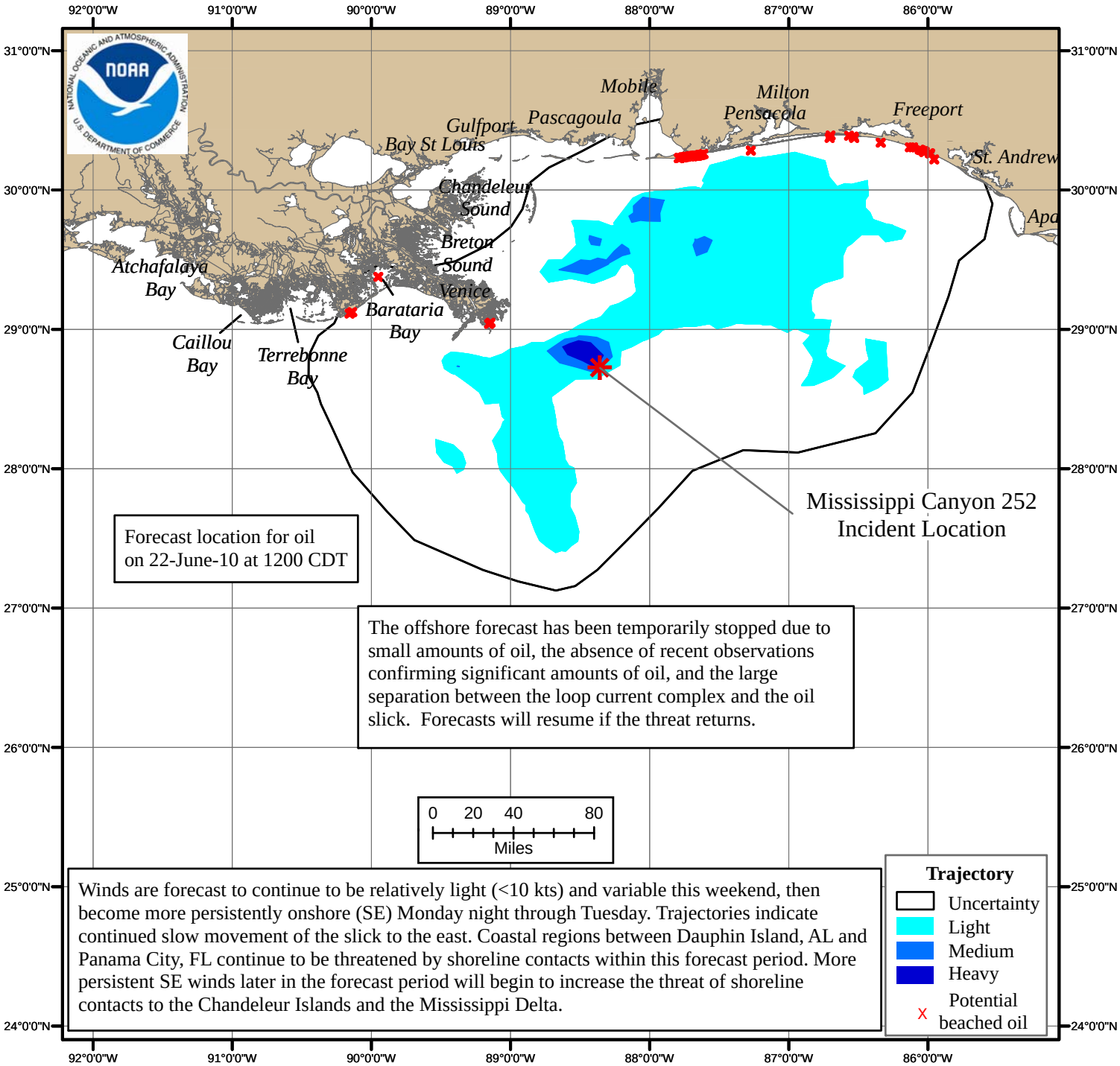
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Tuesday, 6/22/10

Date Prepared: 2100 CDT, Saturday, 6/19/10

This forecast is based on the NWS spot forecast from Saturday, June 19 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Saturday 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.



The offshore forecast has been temporarily stopped due to small amounts of oil, the absence of recent observations confirming significant amounts of oil, and the large separation between the loop current complex and the oil slick. Forecasts will resume if the threat returns.

Winds are forecast to continue to be relatively light (<10 kts) and variable this weekend, then become more persistently onshore (SE) Monday night through Tuesday. Trajectories indicate continued slow movement of the slick to the east. Coastal regions between Dauphin Island, AL and Panama City, FL continue to be threatened by shoreline contacts within this forecast period. More persistent SE winds later in the forecast period will begin to increase the threat of shoreline contacts to the Chandeleur Islands and the Mississippi Delta.

this scale bar shows the meaning of the distribution terms at the current time

Next Forecast: June 20th PM