

Offshore Surface Oil Forecast Deepwater Horizon MC252

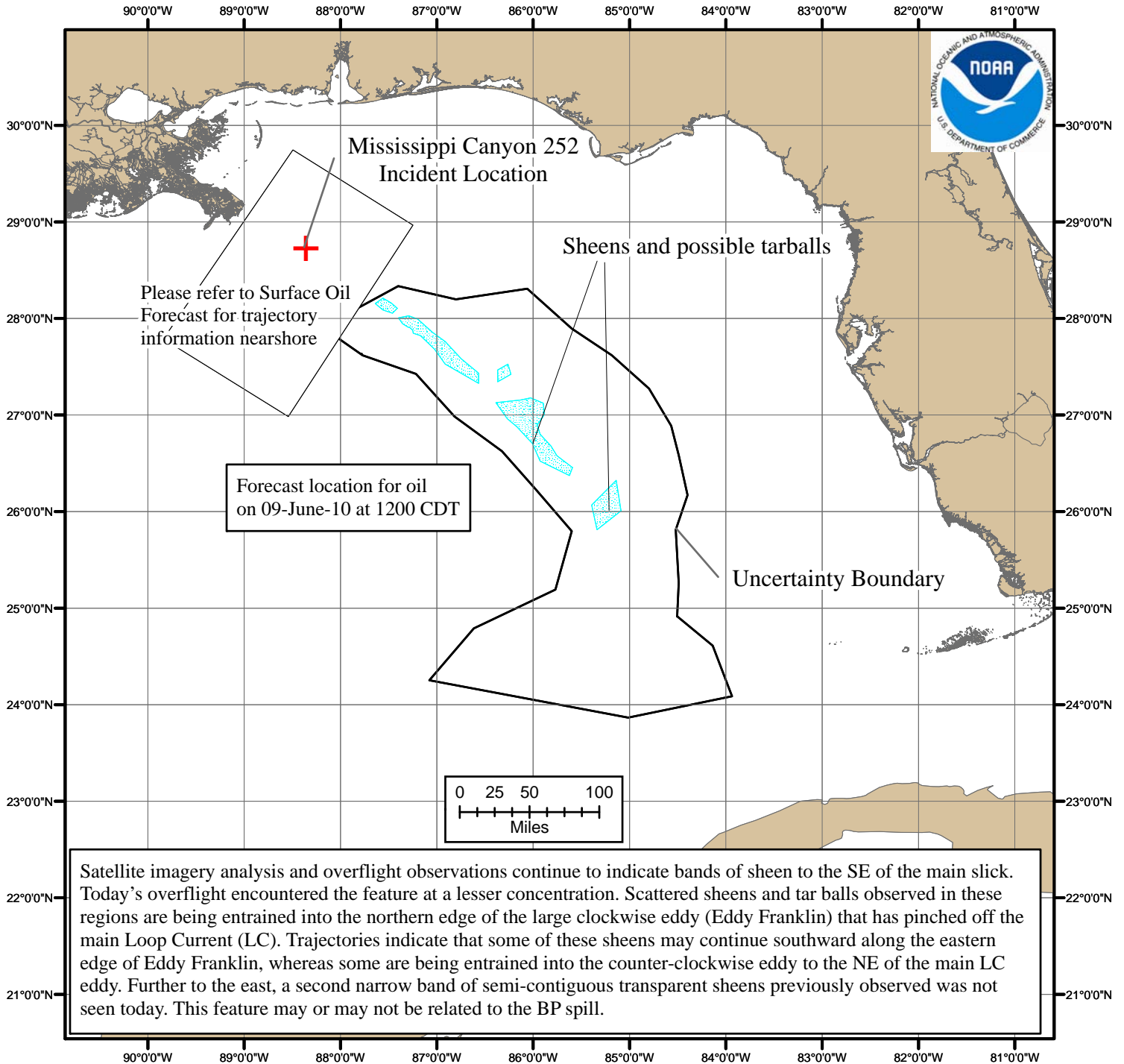
NOAA/NOS/OR&R

Offshore

Estimate for: 1200 CDT, Wednesday, 6/09/10

Date Prepared: 1900 CDT, Sunday, 6/06/10

Currents were obtained from five models: NOAA Gulf of Mexico, NavO/NCOM, NRL/IASNFS, West Florida Shelf/USF, and NC St./SABGOM. Each includes Loop Current dynamics. Gulf wide winds were obtained from the gridded NCEP product. The model was initialized from June 6th AM satellite imagery analysis (NOAA/NESDIS) and NOAA overflight observations from today. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization).



Satellite imagery analysis and overflight observations continue to indicate bands of sheen to the SE of the main slick. Today's overflight encountered the feature at a lesser concentration. Scattered sheens and tar balls observed in these regions are being entrained into the northern edge of the large clockwise eddy (Eddy Franklin) that has pinched off the main Loop Current (LC). Trajectories indicate that some of these sheens may continue southward along the eastern edge of Eddy Franklin, whereas some are being entrained into the counter-clockwise eddy to the NE of the main LC eddy. Further to the east, a second narrow band of semi-contiguous transparent sheens previously observed was not seen today. This feature may or may not be related to the BP spill.



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

Next Forecast:
June 7th PM