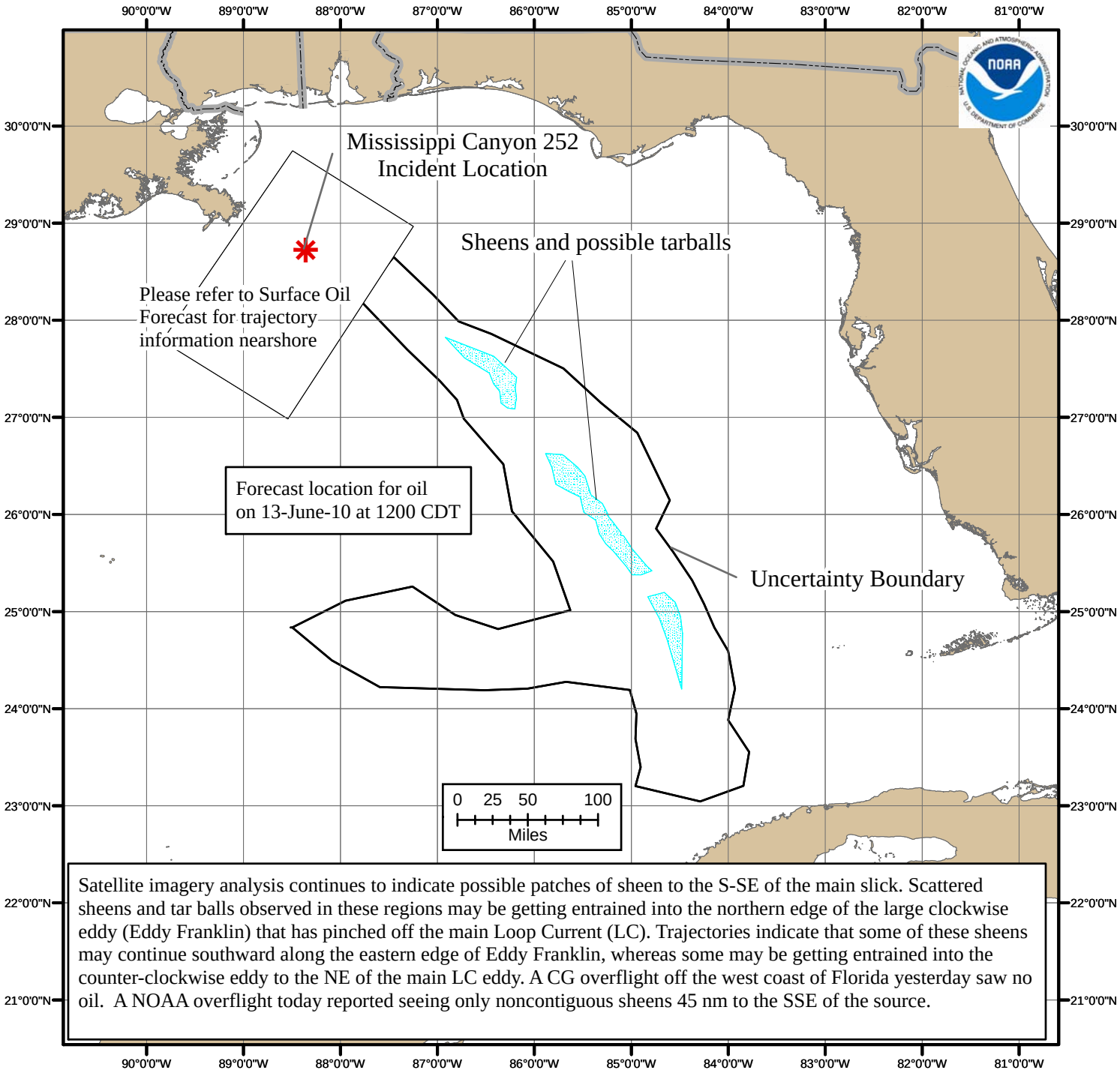
Offshore
Surface Oil Forecast
Deepwater Horizon MC252

NOAA/NOS/OR&R

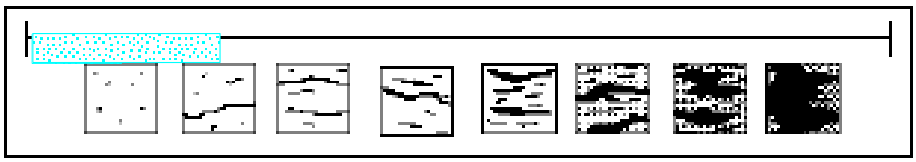
Offshore

Estimate for: 1200 CDT, Sunday, 6/13/10
Date Prepared: 1900 CDT, Thursday, 6/10/10

Currents were obtained from four models: NOAA Gulf of Mexico, NavO/NCOM , NRL, 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 9/10 satellite imagery analysis. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization).



Satellite imagery analysis continues to indicate possible patches of sheen to the S-SE of the main slick. Scattered sheens and tar balls observed in these regions may be getting 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 may be getting entrained into the counter-clockwise eddy to the NE of the main LC eddy. A CG overflight off the west coast of Florida yesterday saw no oil. A NOAA overflight today reported seeing only noncontiguous sheens 45 nm to the SSE of the source.



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

Next Forecast:
June 11th PM