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 6/7/8 satellite imagery analysis (NOAA/NESDIS) and 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 continues to indicate patches of sheen to the 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 saw no oil. Satellite imagery of the Florida Strait and Gulf Stream saw no anomalies. However, a vessel confirmed tarballs mixed in with seaweed along the NE edge of Eddy Franklin.

Next Forecast:
June 9th PM