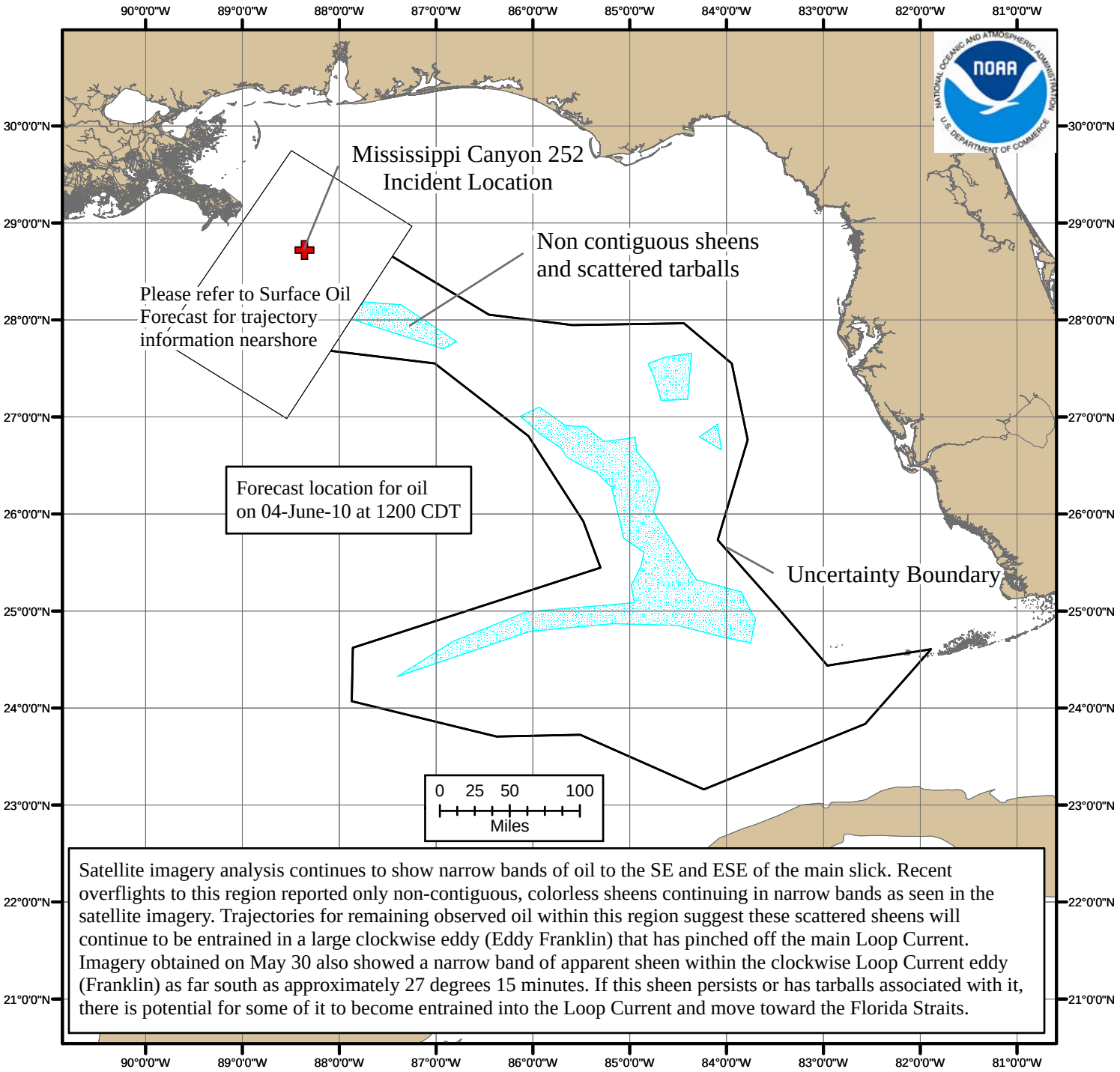
Offshore
Surface Oil Forecast
Deepwater Horizon MC252

NOAA/NOS/OR&R

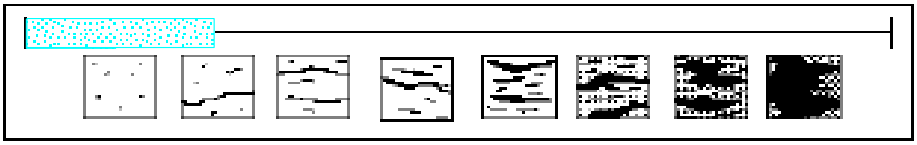
Offshore

Estimate for: 1200 CDT, Friday, 6/04/10
Date Prepared: 1900 CDT, Tuesday, 6/01/10

Currents were obtained from three models: NOAA Gulf of Mexico, NavO/NCOM, and NRL/IASNFS. Each includes Loop Current dynamics. Gulf wide winds were obtained from the gridded NCEP product. The model was initialized from Sunday-Tuesday satellite imagery analysis (NOAA/NESDIS). 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 show narrow bands of oil to the SE and ESE of the main slick. Recent overflights to this region reported only non-contiguous, colorless sheens continuing in narrow bands as seen in the satellite imagery. Trajectories for remaining observed oil within this region suggest these scattered sheens will continue to be entrained in a large clockwise eddy (Eddy Franklin) that has pinched off the main Loop Current. Imagery obtained on May 30 also showed a narrow band of apparent sheen within the clockwise Loop Current eddy (Franklin) as far south as approximately 27 degrees 15 minutes. If this sheen persists or has tarballs associated with it, there is potential for some of it to become entrained into the Loop Current and move toward the Florida Straits.



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

Next Forecast:
June 2nd PM