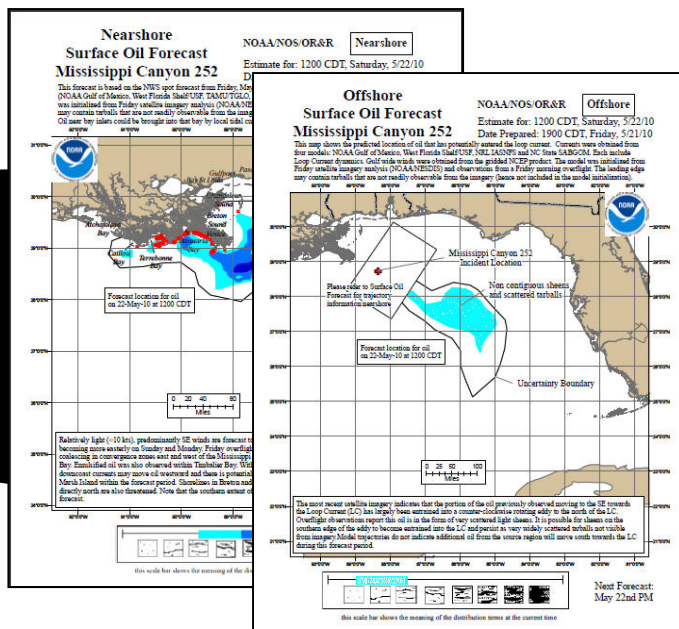
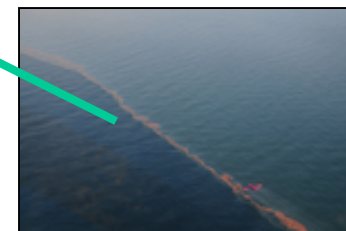
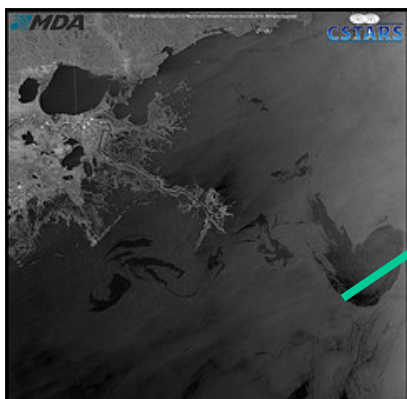
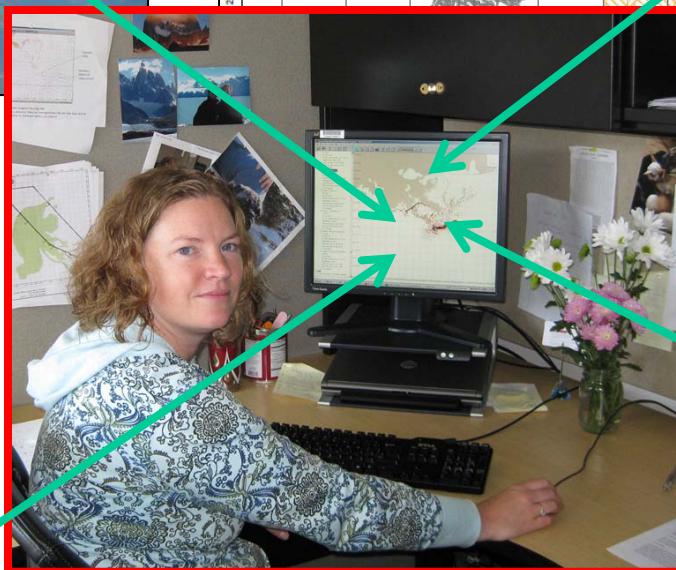
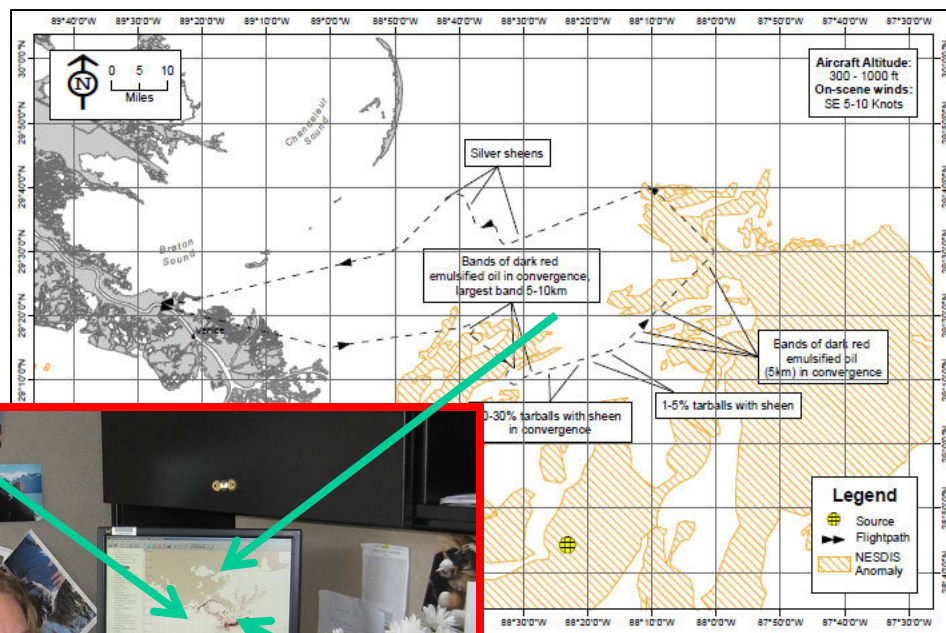
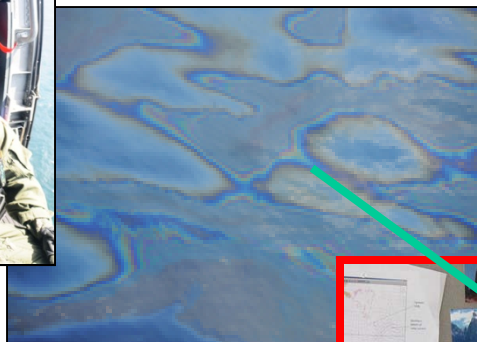




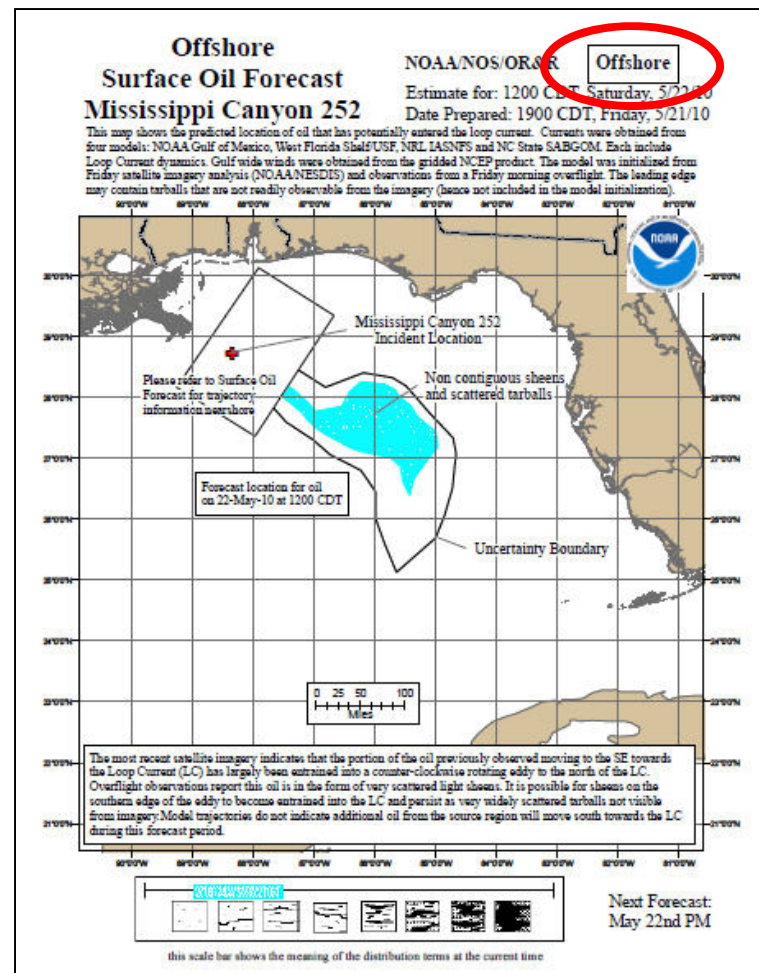
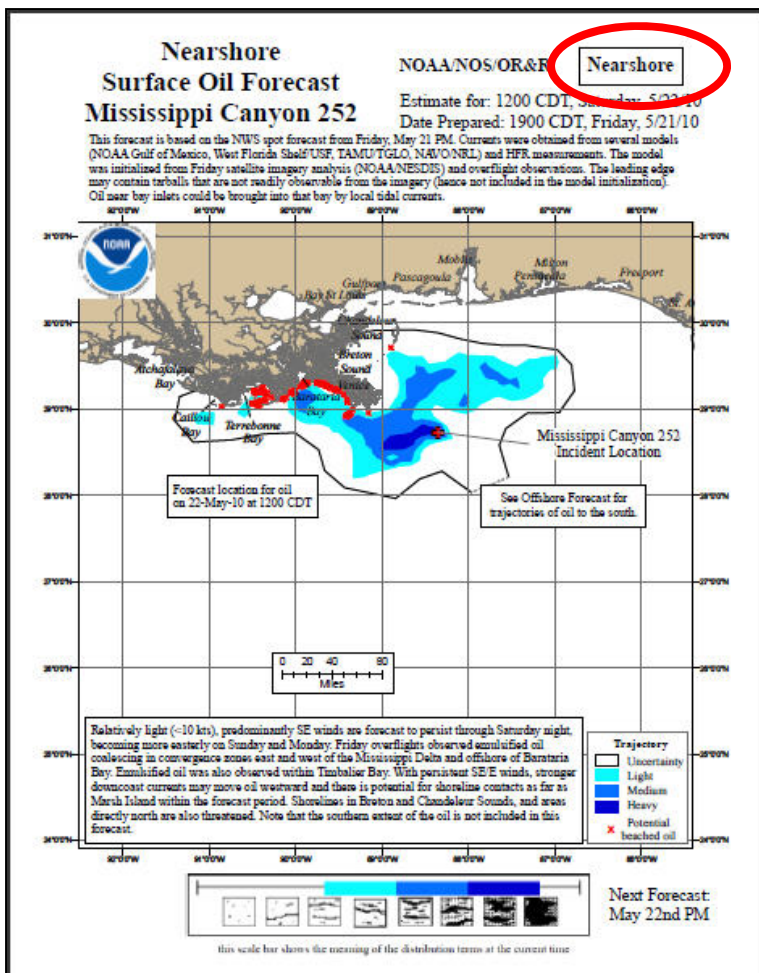
Interpreting NOAA's Trajectory Prediction Maps for the Deepwater Horizon Oil Spill



How a trajectory forecast is created



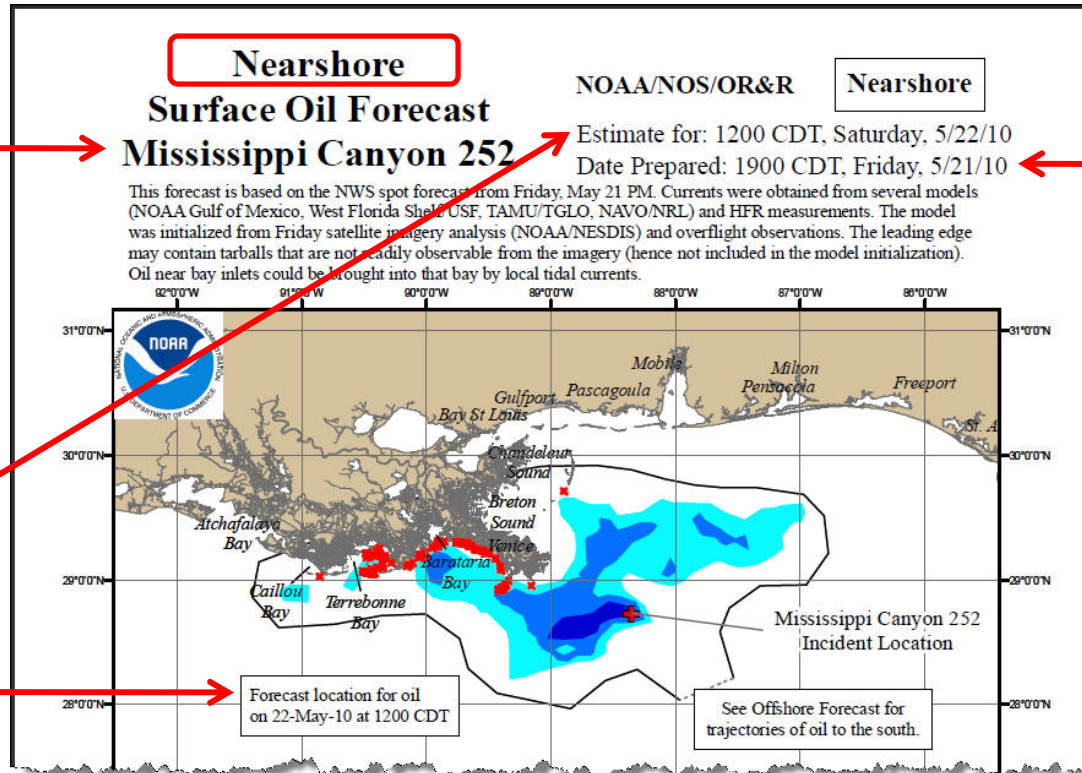
Two kinds of Surface Oil Forecasts each day



Some basic information

NOAA's name for the Deepwater Horizon oil spill

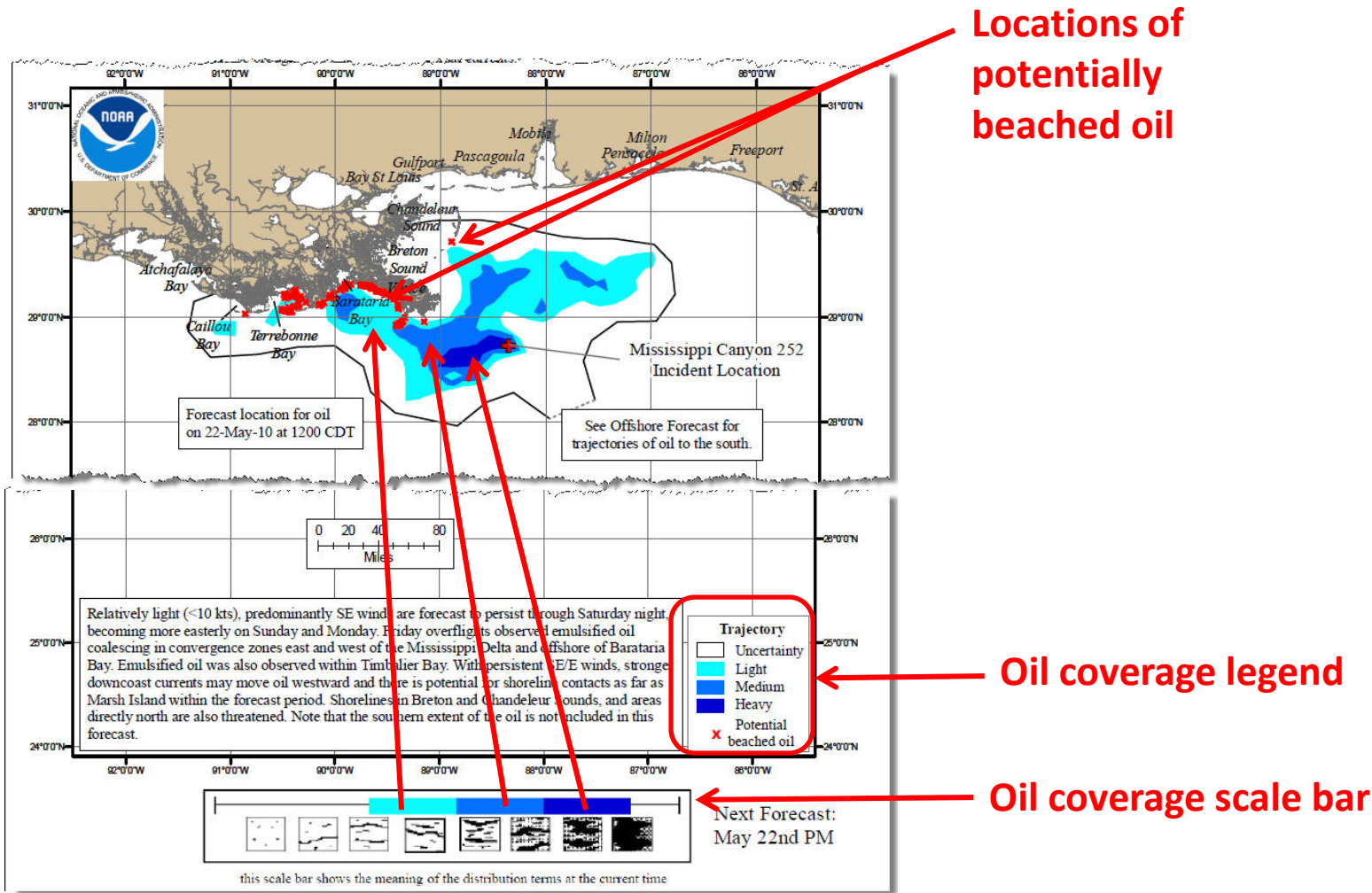
Predicted oil locations on the map are for this date and time



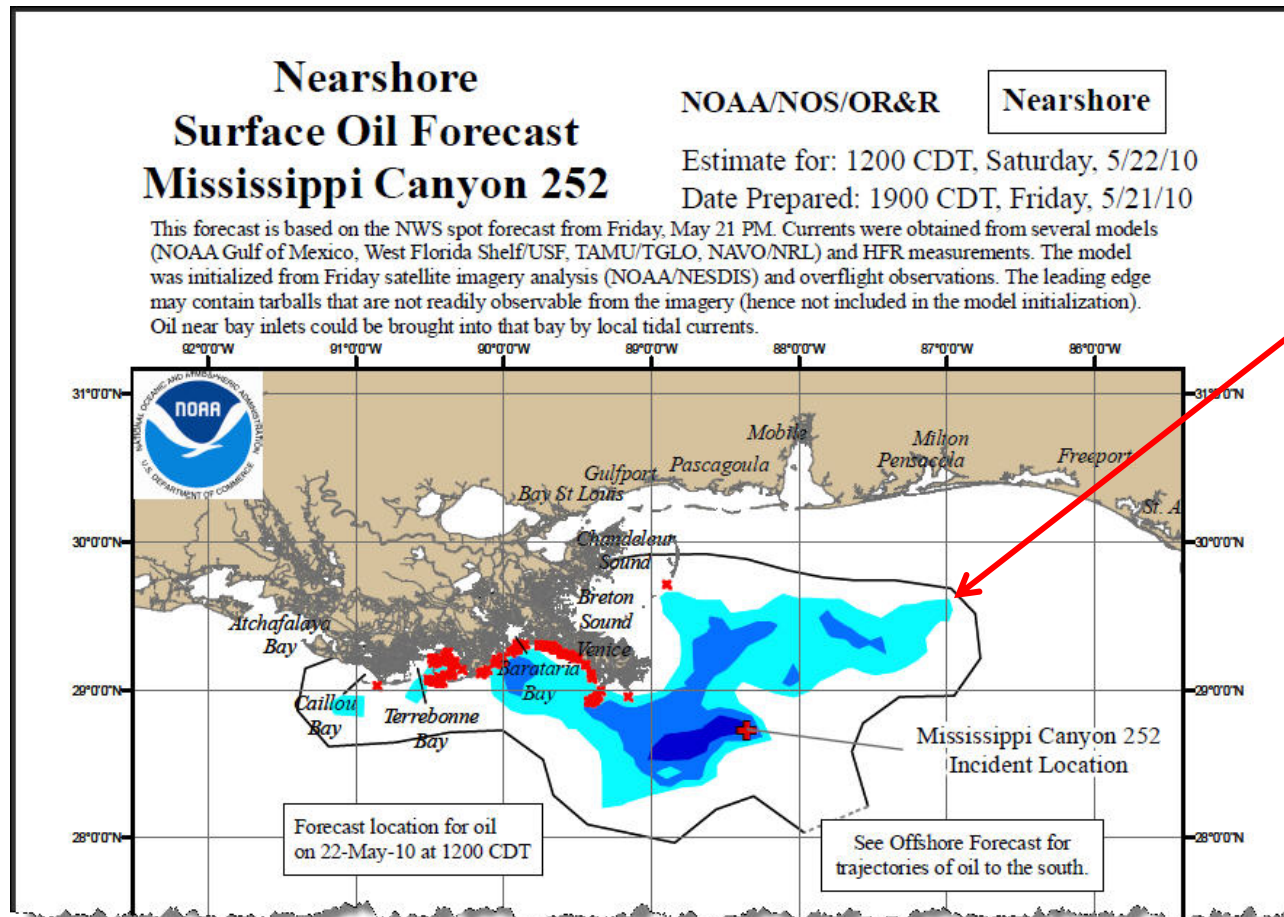
The map was prepared at this date and time



Areas predicted to be oiled



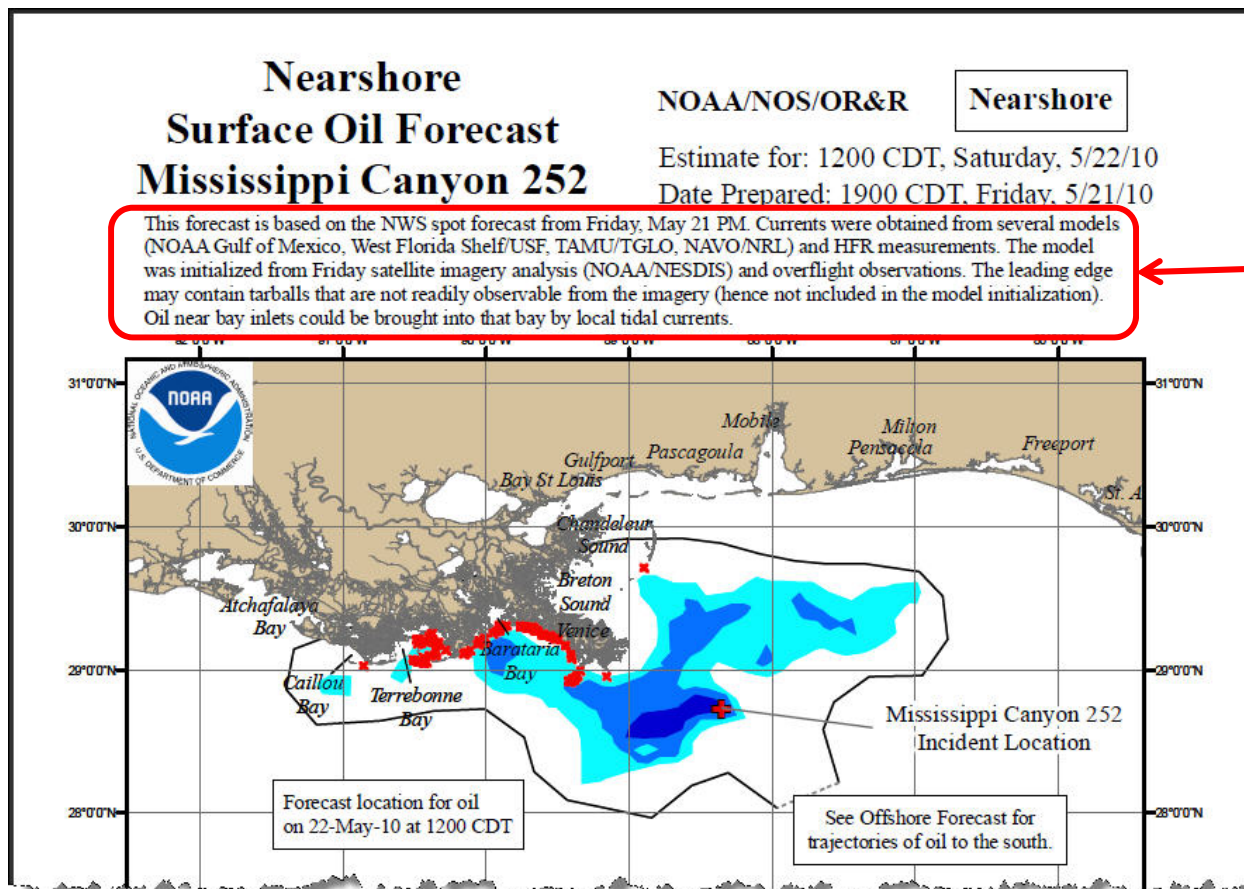
The uncertainty boundary



**Uncertainty
Boundary**
There's a chance oil
could be located
anywhere inside
this line



Text above the map

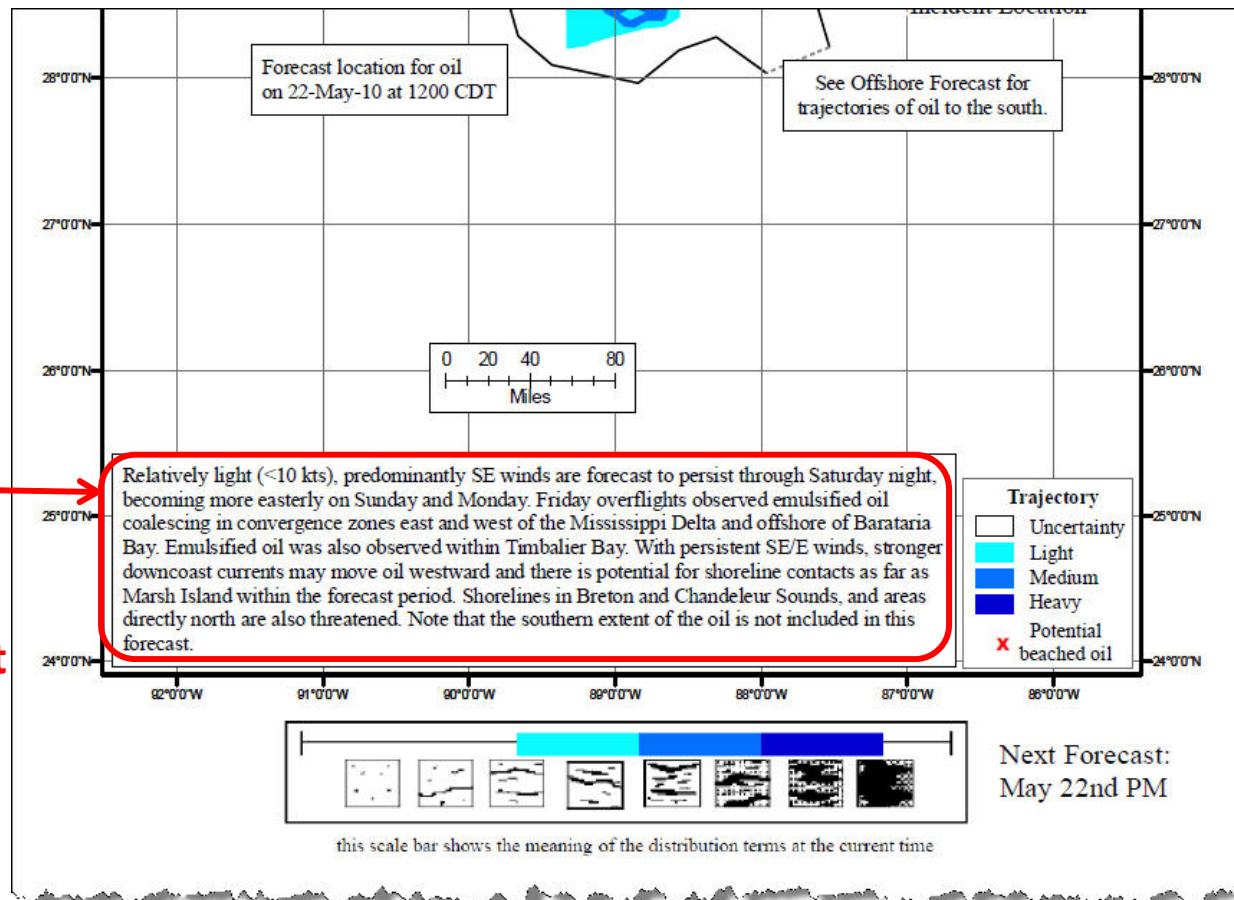


Information about how the oil trajectory was modeled



Text below the map

Additional notes about the predicted oil movement



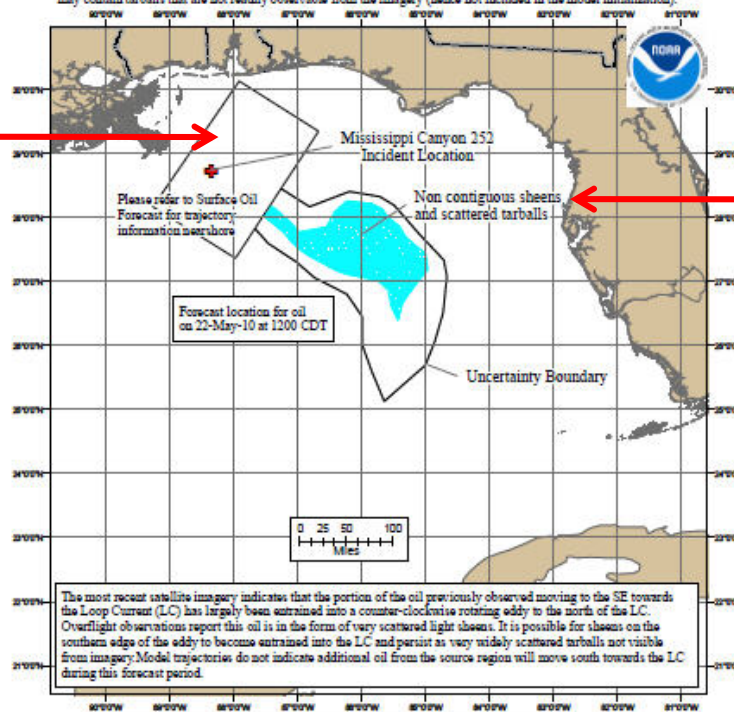
The offshore map

Box showing area covered by nearshore map

Offshore Surface Oil Forecast Mississippi Canyon 252

NOAA/NOS/OR&R Offshore
Estimate for: 1200 CDT, Saturday, 5/22/10
Date Prepared: 1900 CDT, Friday, 5/21/10

This map shows the predicted location of oil that has potentially entered the loop current. Currents were obtained from four models: NOAA Gulf of Mexico, West Florida Shelf/USF, NRL IASNFS and NC State SABGOM. Each include Loop Current dynamics. Gulf wide winds were obtained from the gridded NCEP product. The model was initialized from Friday satellite imagery analysis (NOAA/NESDIS) and observations from a Friday morning overflight. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization).



Additional information about the oil coverage



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

Next Forecast:
May 22nd PM



