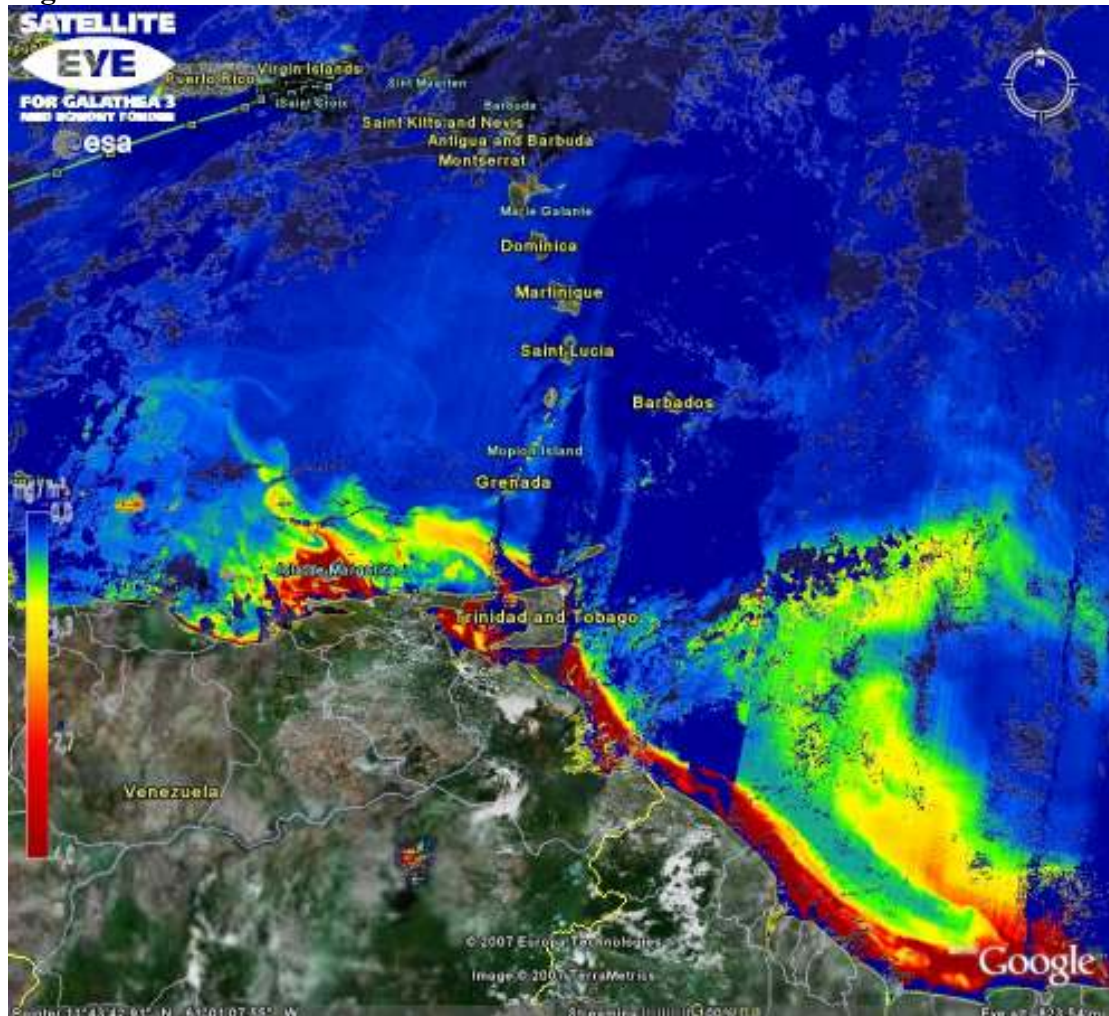


Weekly image: Week 13, 2007

### Algae in the Caribbean



*Algae in the Caribbean are seen from the Envisat satellite on the 13, 14 and 15 March 2007.*

Vædderen has reached the Virgin Islands in the Caribbean. It is seen in the northern part of the map.

The satellite images show algae blooming in the ocean. The red and yellow colors show high concentrations of algae (phytoplankton). The blue and green colors show lower concentrations. The algae are fed by nutrients from the rivers of South America. In the area where Vædderen is sailing the sea has low concentrations of algae (blue color).

Technical information



The algae maps consists of a mosaic of three satellite images recorded by the MERIS instrument onboard the Envisat satellite in the days 13, 14 and 15 February 2007. Envisat belongs to the European Space Agency, ESA. MERIS observes the reflected sunlight in several channels (bands) and from these observations the algae concentration is calculated using an algorithm.

The mosaic is downloaded by Risø – DTU from Google Earth at Satellite Eye <http://galathea.oersted.dtu.dk/GE.html>

Read more about algae seen from satellite at Satellite Eye for Galathea 3 projektet "Phytoplankton - seen from Space" [http://galathea3.emu.dk/satelliteeye/projekter/phytoplankton/index\\_uk.html](http://galathea3.emu.dk/satelliteeye/projekter/phytoplankton/index_uk.html)