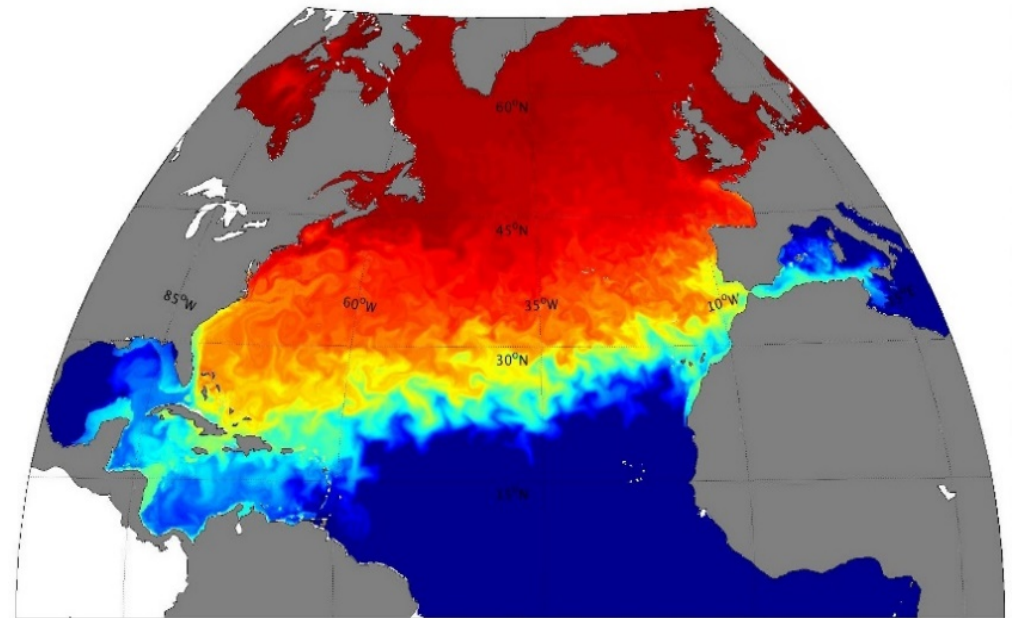


Properties and Mechanisms of Eddy-Induced Transport

Mesoscale (10-200 km) eddies play a key role in climate by redistributing heat, salinity, carbon and other important properties. The goal of this project is to explore the properties and mechanisms of the corresponding eddy-induced transport. A student working on this project will design, run and analyze numerical simulations of eddies and their transport of various tracers.



Logarithm of the color-dye tracer concentration in a numerical model of the North Atlantic.