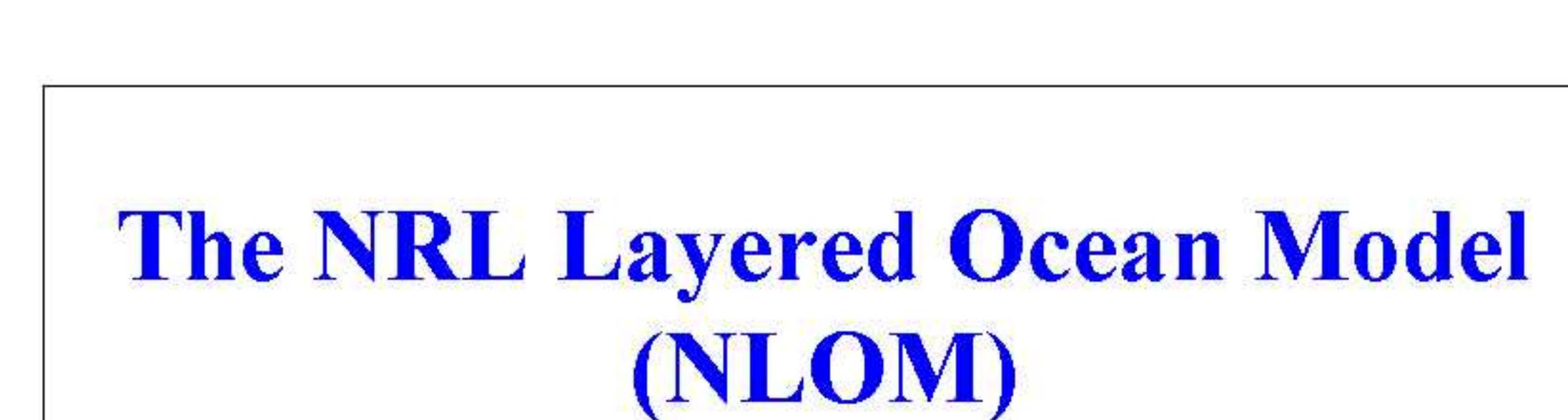
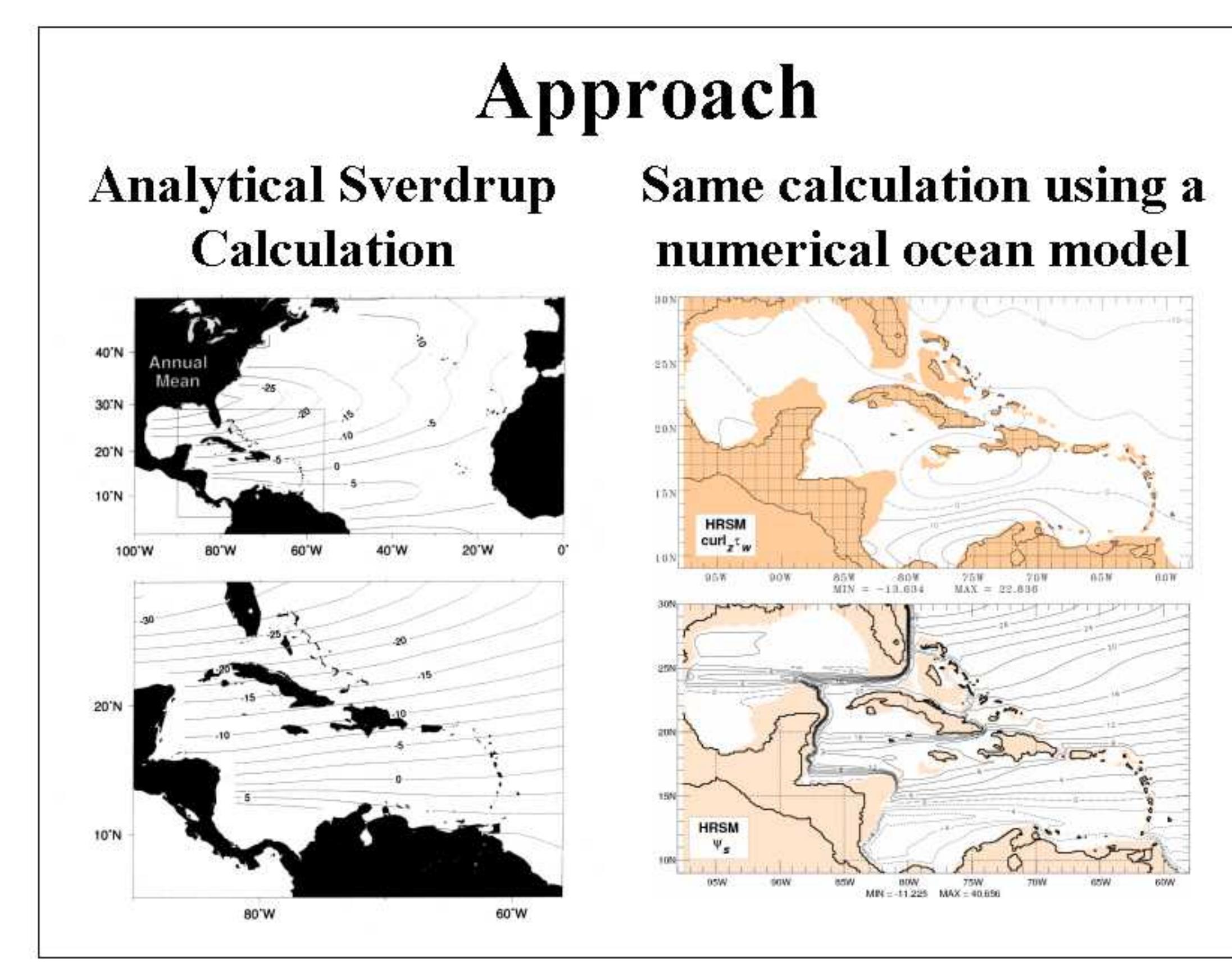
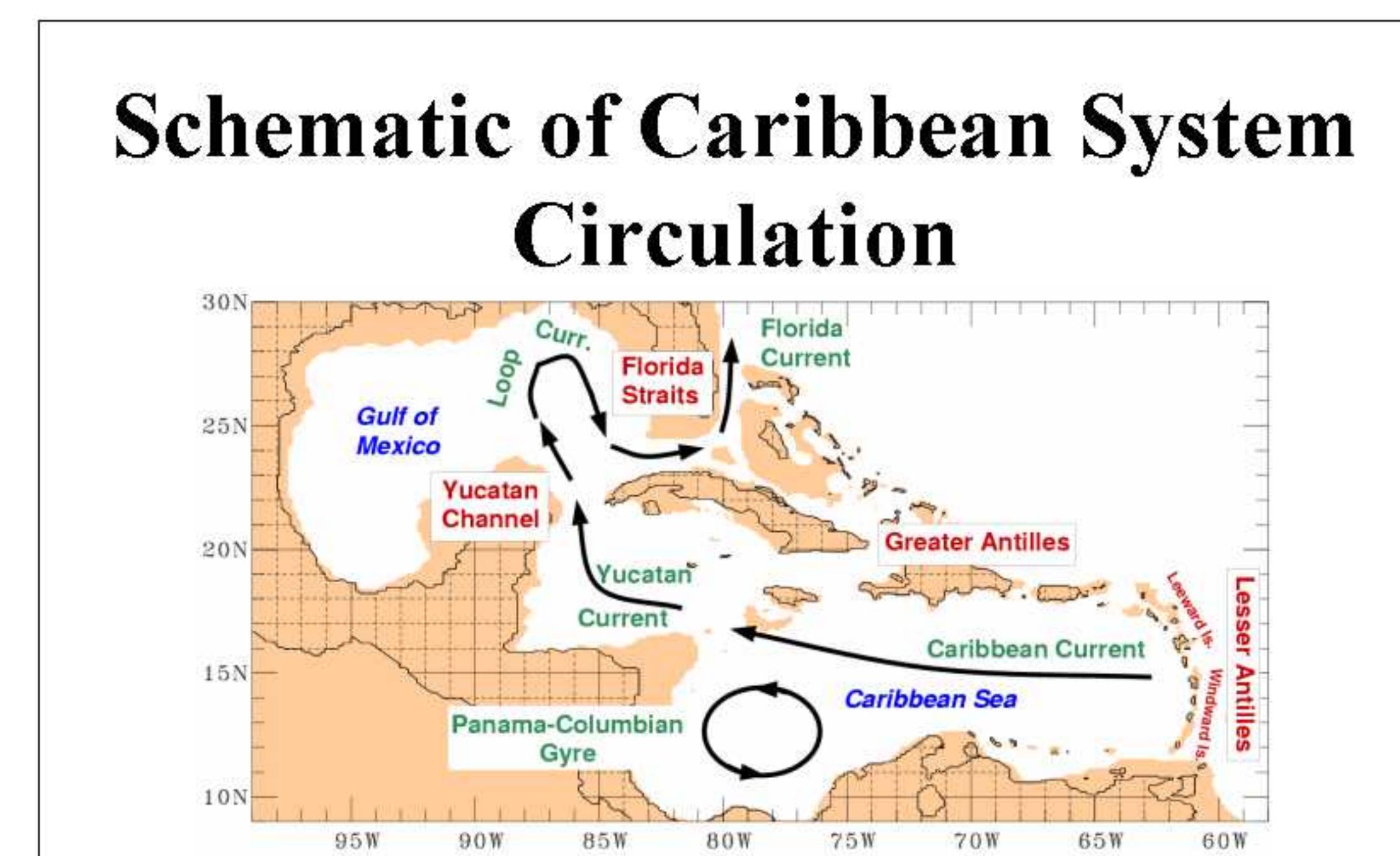




Investigation of the Dynamics of the Caribbean Sea Using Numerical Ocean Models and Observational Data

T. L. Townsend ¹, W. E. Johns ², W. J. Schmitz ³, H. E. Hurlbert ¹, and A.J. Wallcraft ¹

OS51B-0482



Primitive equation layered formulation with isopycnal interfaces between layers

1.5 to 6 active layers in the vertical

1/2° to 1/32° horizontal grid resolution

Linear and nonlinear configurations

Atlantic subtropical gyre (STG), North Atlantic and Global domains

