Cellular Automaton Stochastic Backscatter Scheme (CASBS)

Rationale: A fraction of the dissipated energy is scattered upscale and acts as streamfunction forcing for the resolved-scale flow (LES) (Shutts and Palmer 2004, Shutts 2005)





Total Dissipation (annual average over 46 dates)





Stochastic physic - Ensembles meeting 08/09 June 2006

Contributions to Dissipation rate



