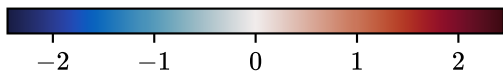
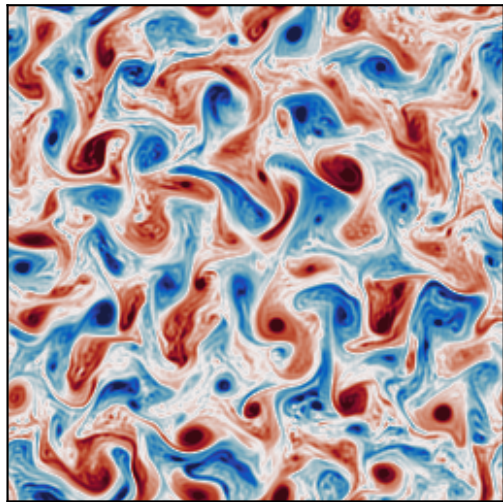
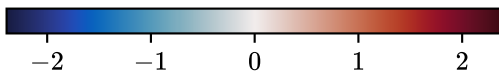
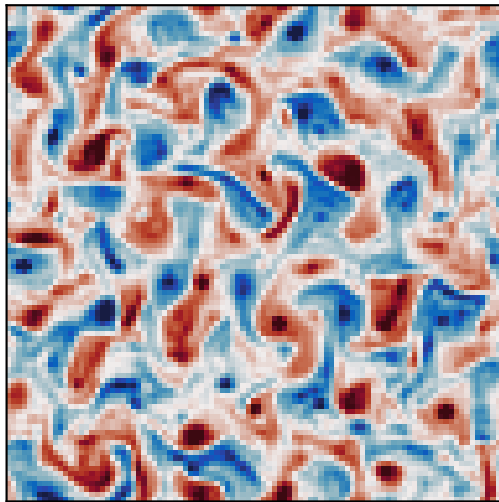
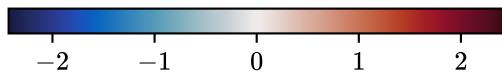
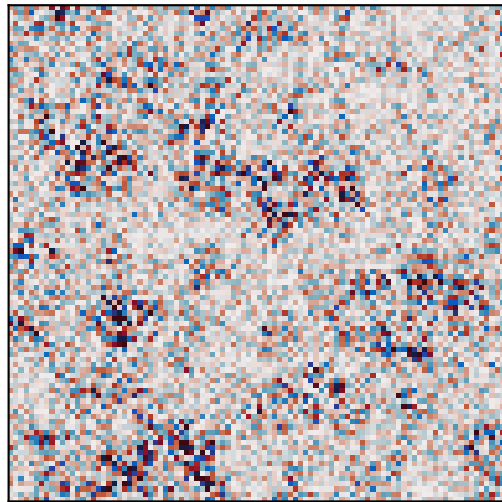


Hi-res q 

Potential vorticity, $s^{-1} \times 10^{-5}$

Coarse \bar{q} 

Potential vorticity, $s^{-1} \times 10^{-5}$

Subgrid forcing S 

$dPV/dt, s^{-2} \times 10^{-11}$