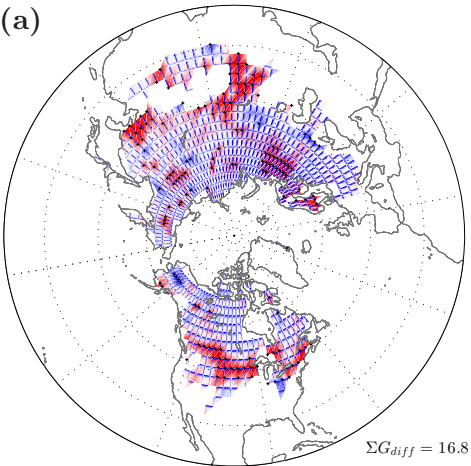


r_{diff}^2 [April, 45 day]: CanCM3 SWE vs. 2 m-temperature

(a)

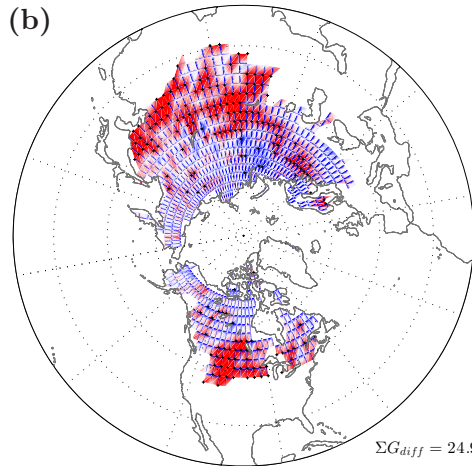


$\Sigma G_{diff} = 16.8$

SWE initialization

r_{diff}^2 [April, 45 day]: CanCM3 WGF vs. 2 m-temperature

(b)

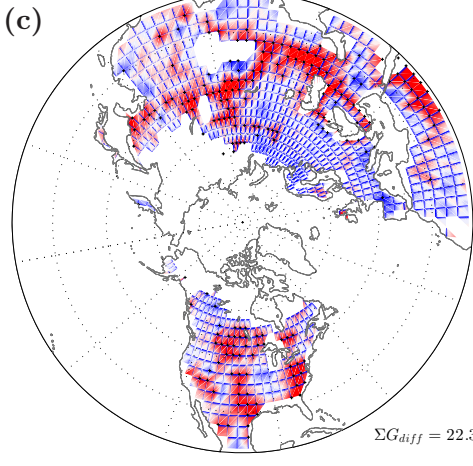


$\Sigma G_{diff} = 24.9$

Soil frozen water initialization

r_{diff}^2 [April, 45 day]: CanCM3 WGL vs. 2 m-temperature

(c)



$\Sigma G_{diff} = 22.3$

Soil liquid water initialization