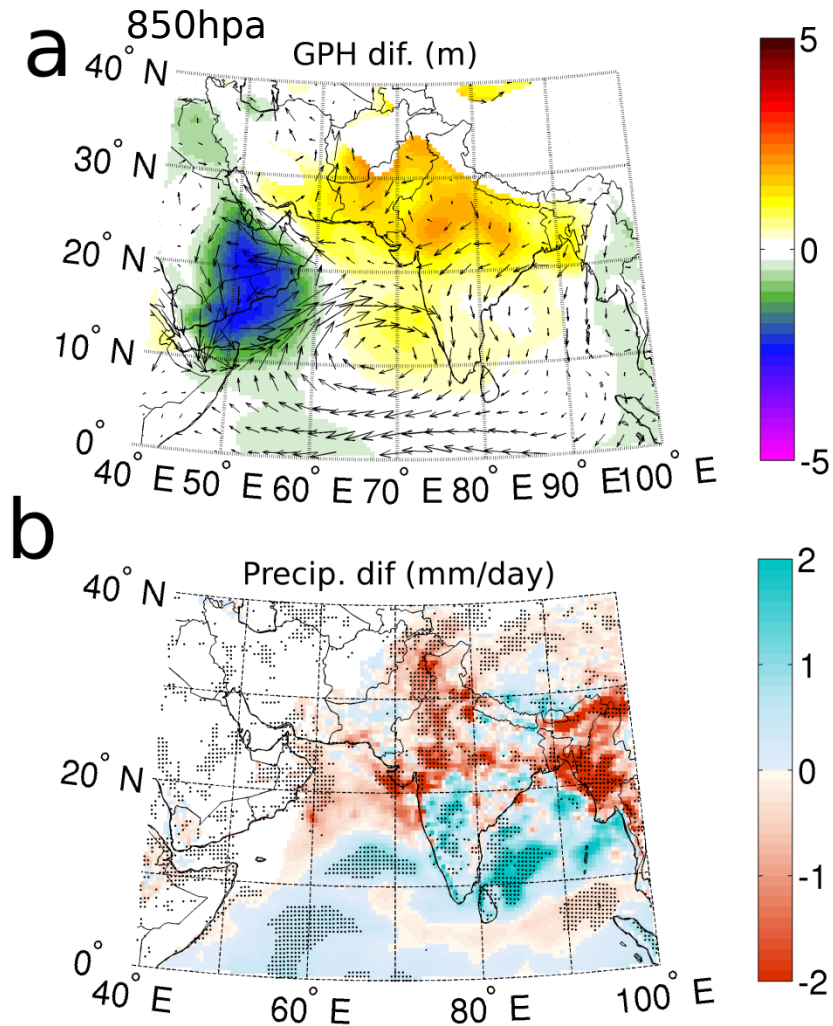
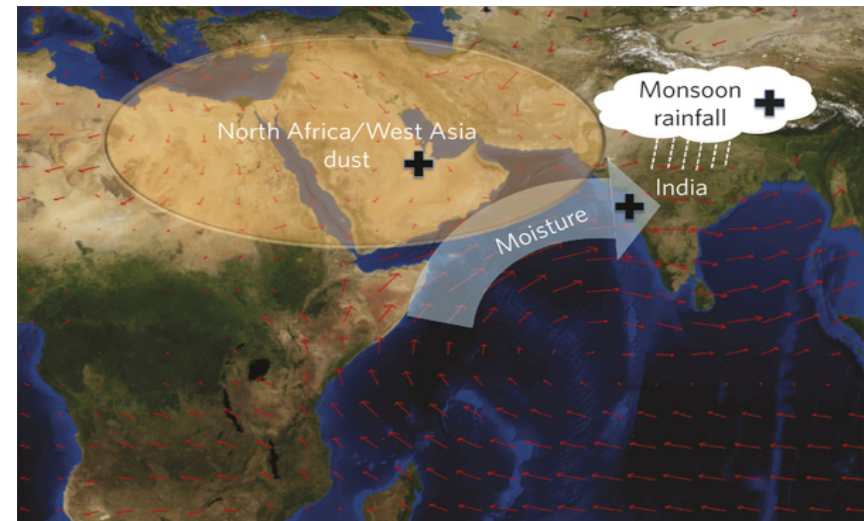


# Arabian dust and the Indian monsoon system

## RegCM dust -ctl



Dust diabatic heating anomaly over the Arabian Peninsula, strengthening of heat low, intensification of the Somalia jet and positive feedback on Southern India precipitation (+ 7-10%.)



Vinoj et al., NGS , 2014

More details in Solmon et al., ACP, 2015