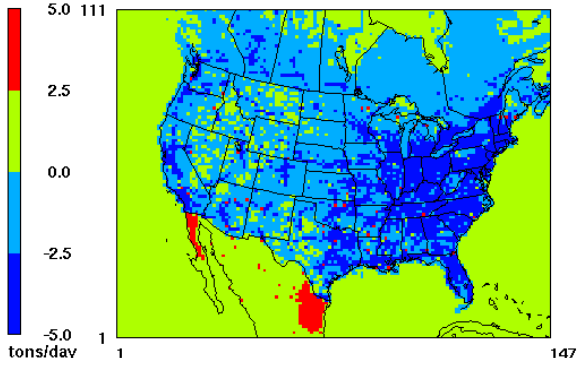
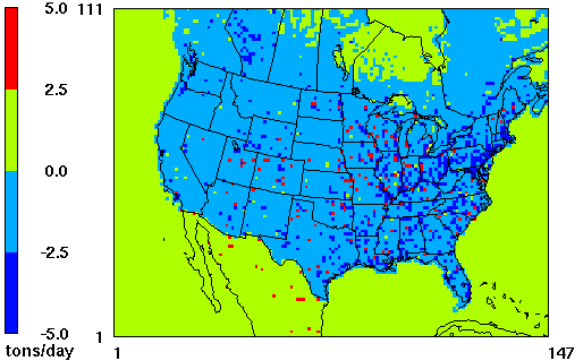
NO_X: Future summers – Historic summers



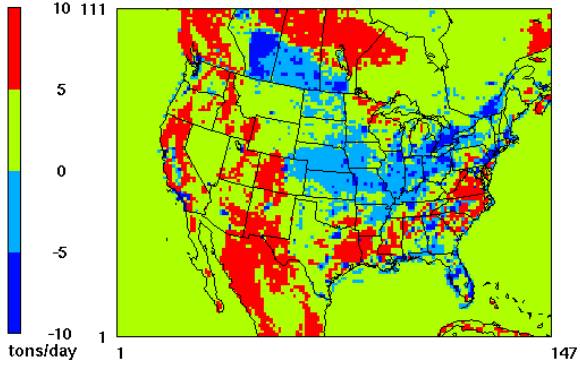
(a)

SO_2: Future summers – Historic summers



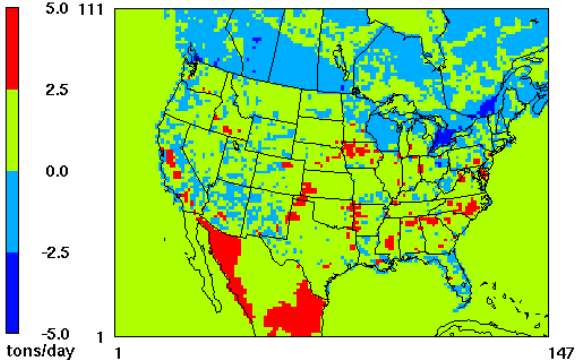
(b)

VOCs: Future summers – Historic summers



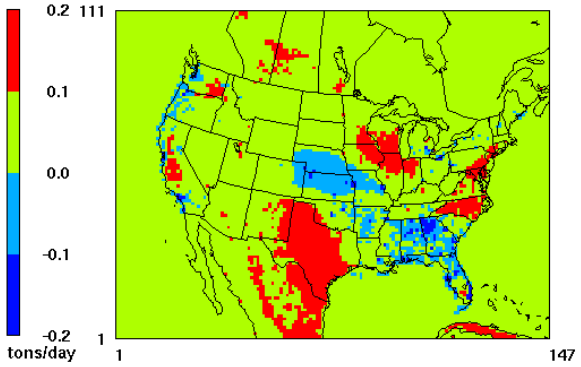
(c)

NH_3: Future summers – Historic summers



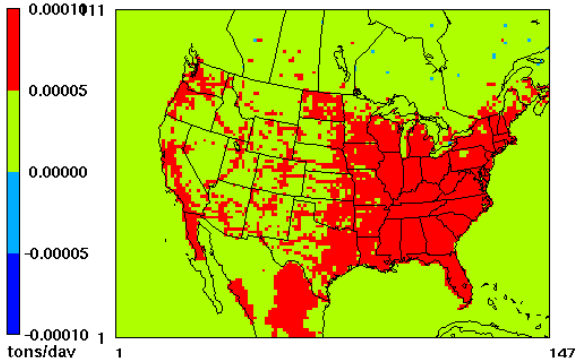
(d)

NO_X: Future summers_np – Historic summers



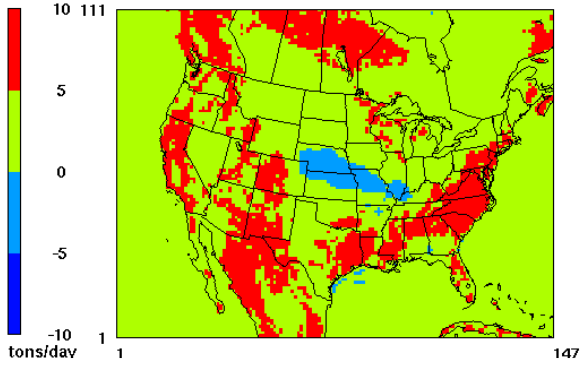
(a)

SO_2: Future summers_np – Historic summers



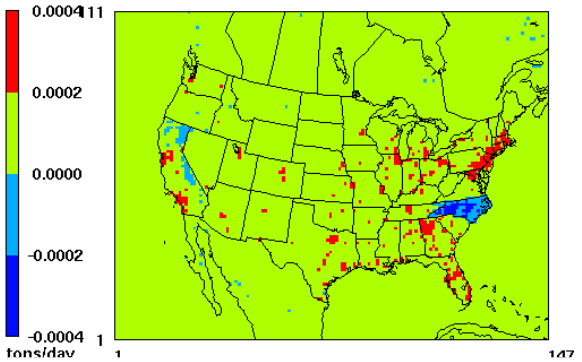
(b)

VOC_s: Future summers_np – Historic summers



(c)

NH_3: Future summers_np – Historic summers



(d)

Fig. S2: Spatial distribution plots of the changes in emissions between historic and future summers caused by climate change alone a: NOx, b: SO_2, c: VOCs d: NH_3

(np: 2001 emission inventory and 2050 meteorology)

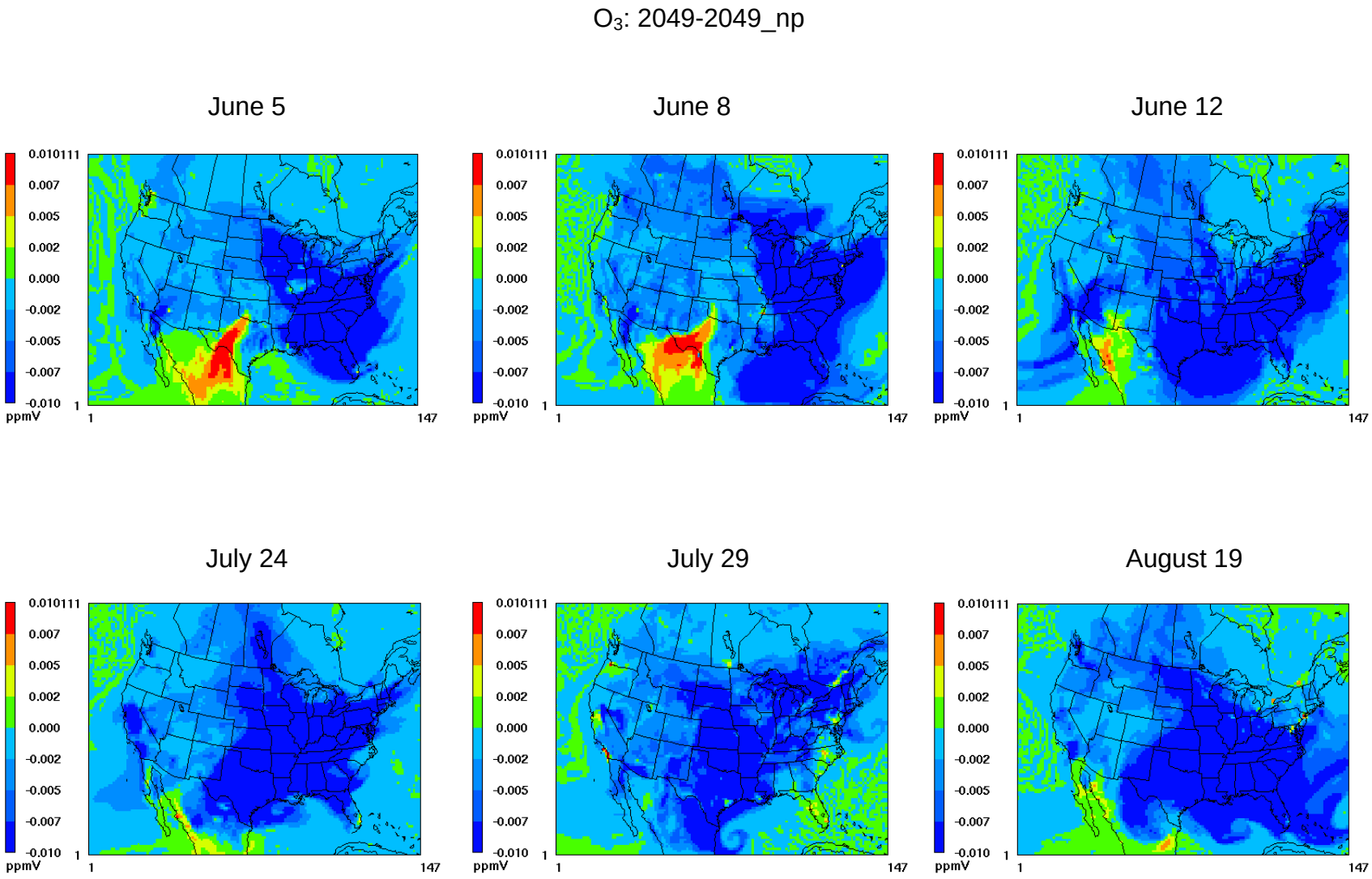


Fig. S3: O_3 concentration change snapshots for different dates under the impact of emission changes alone

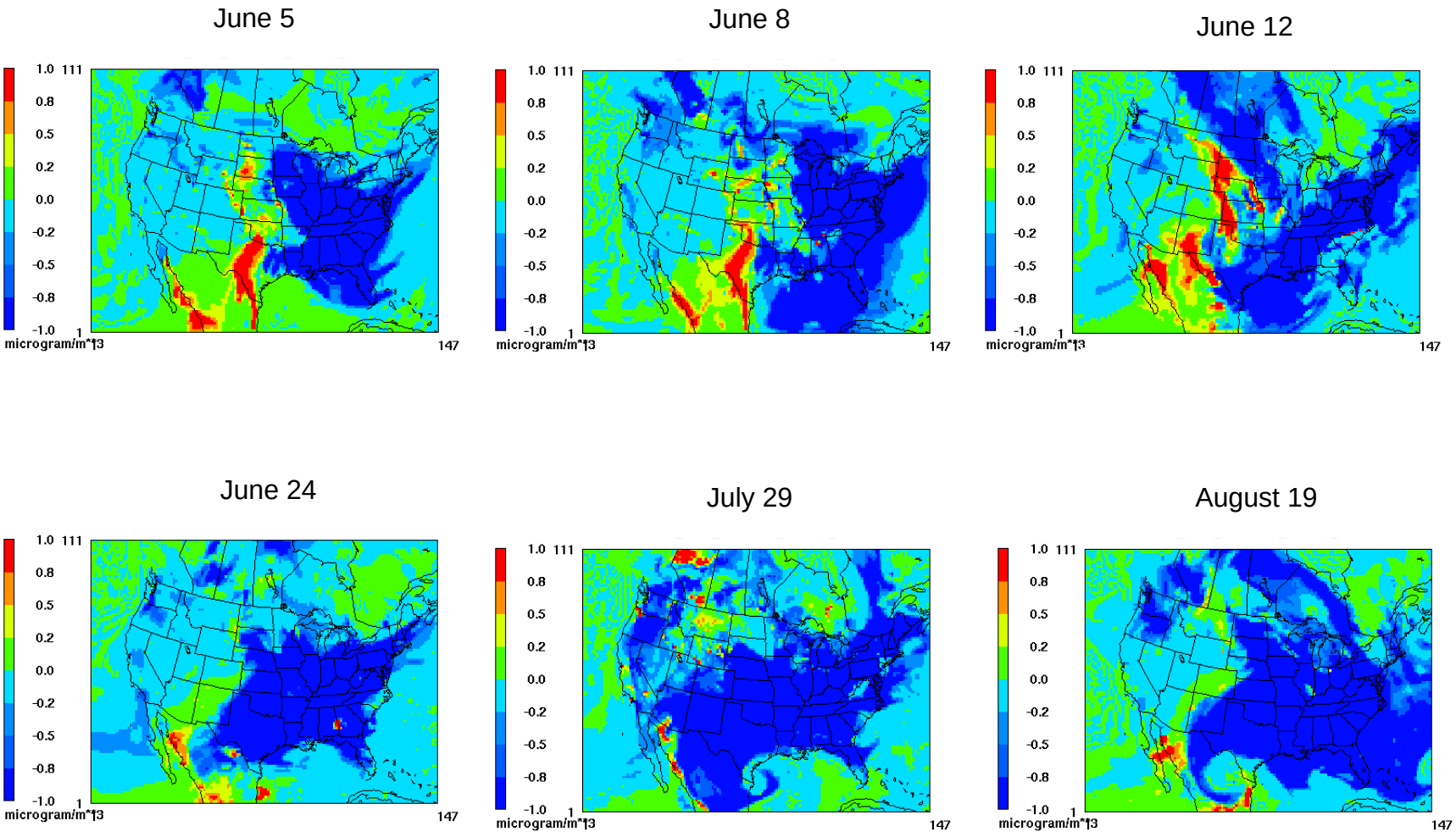


Fig. S4: $PM_{2.5}$ concentration change snapshots for different dates under the impact of emission changes alone