Supplementary

Figure S1 Same as Figure 3 but for the northern track EKE, meridionally averaged over 18° to 24°N.
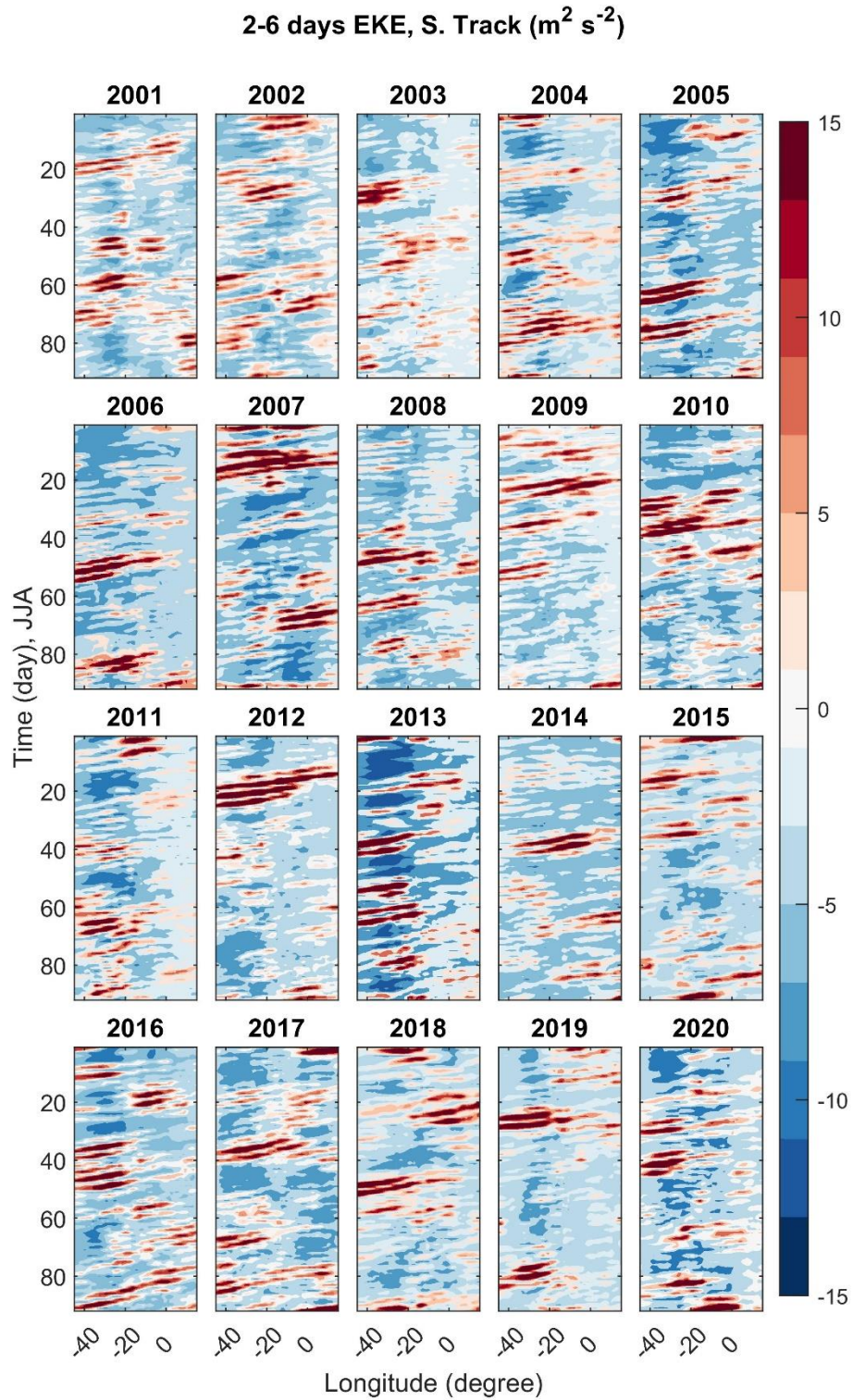
Figure S2 Same as Figure 3 but for the southern track EKE, meridionally averaged over 6° to 12°N.

550-nm AOD
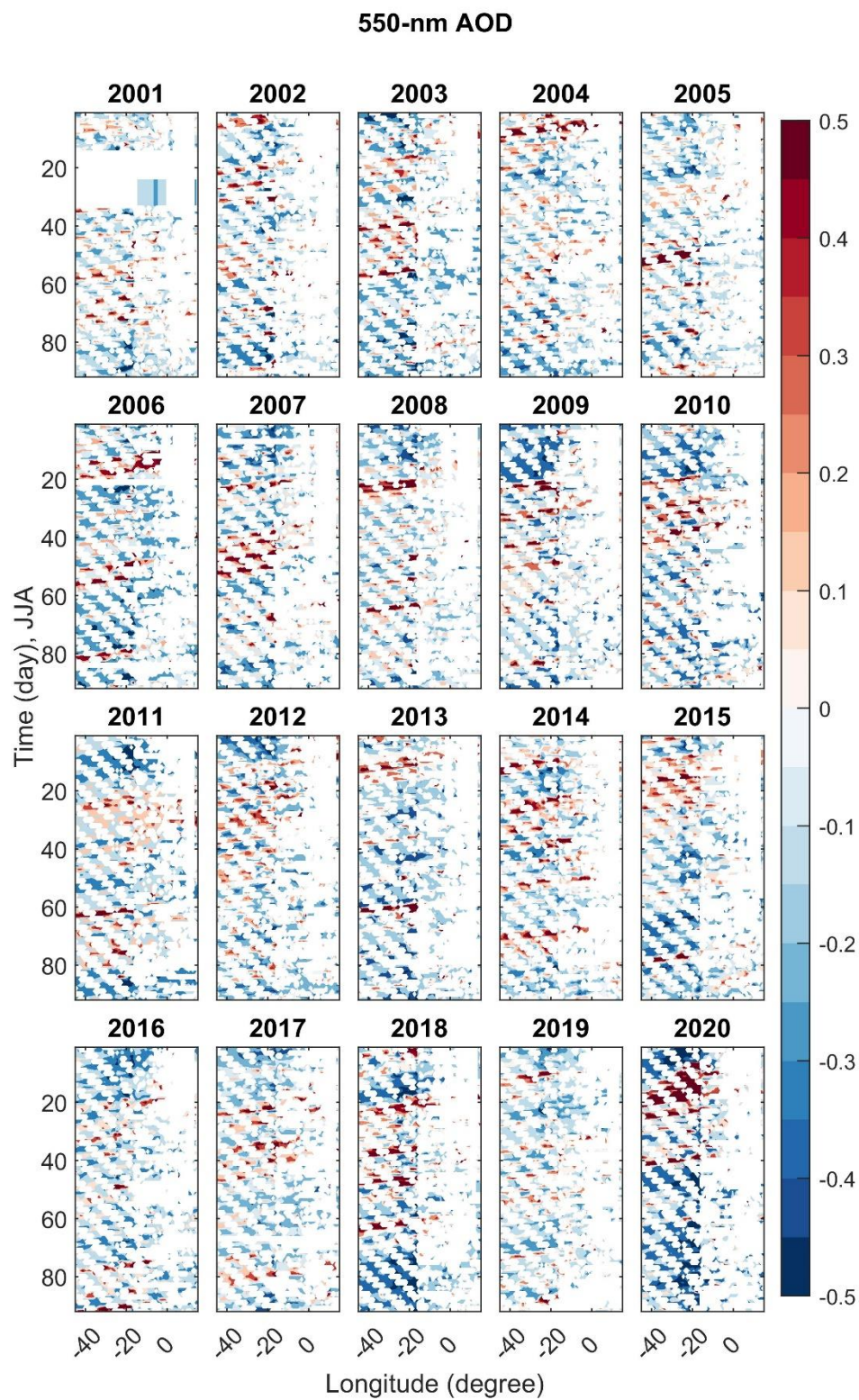
Figure S3 Same as Figure 3 but for MODIS AOD.
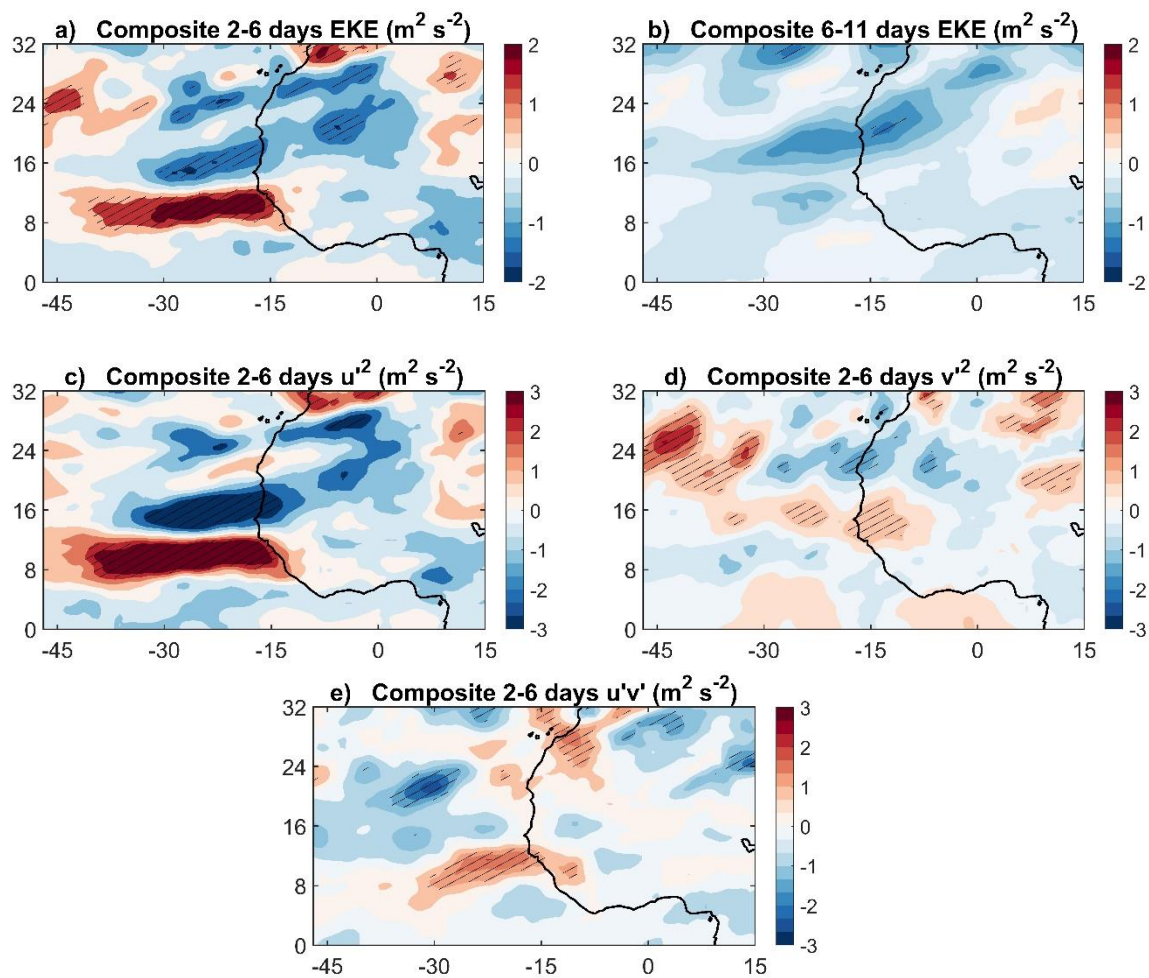
Figure S4 Same as Figure 4 but MODIS AOD is used over the OSAL domain.
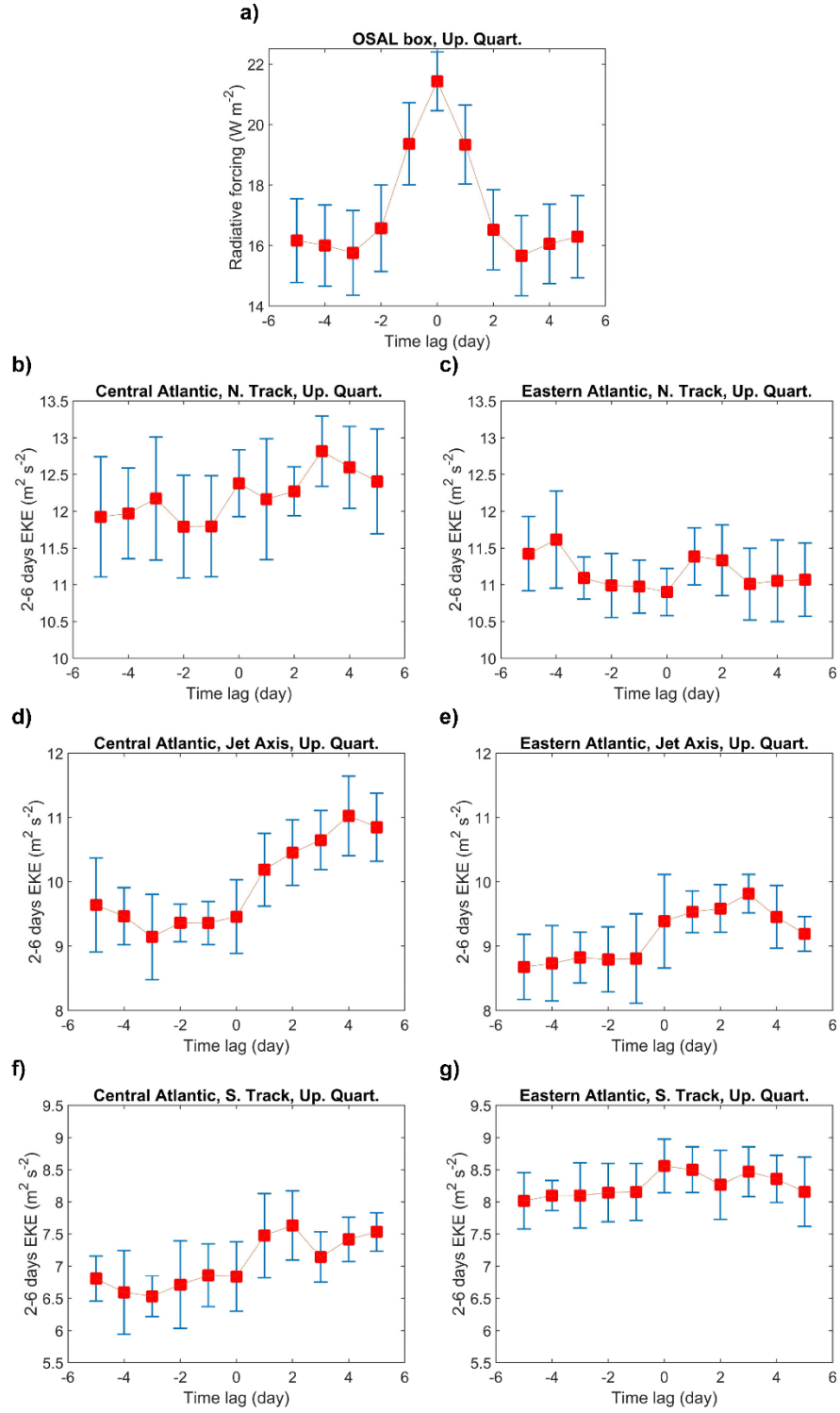
Figure S5 Same as Figure 5, but for the time series of the upper quartile aerosol radiative forcing.
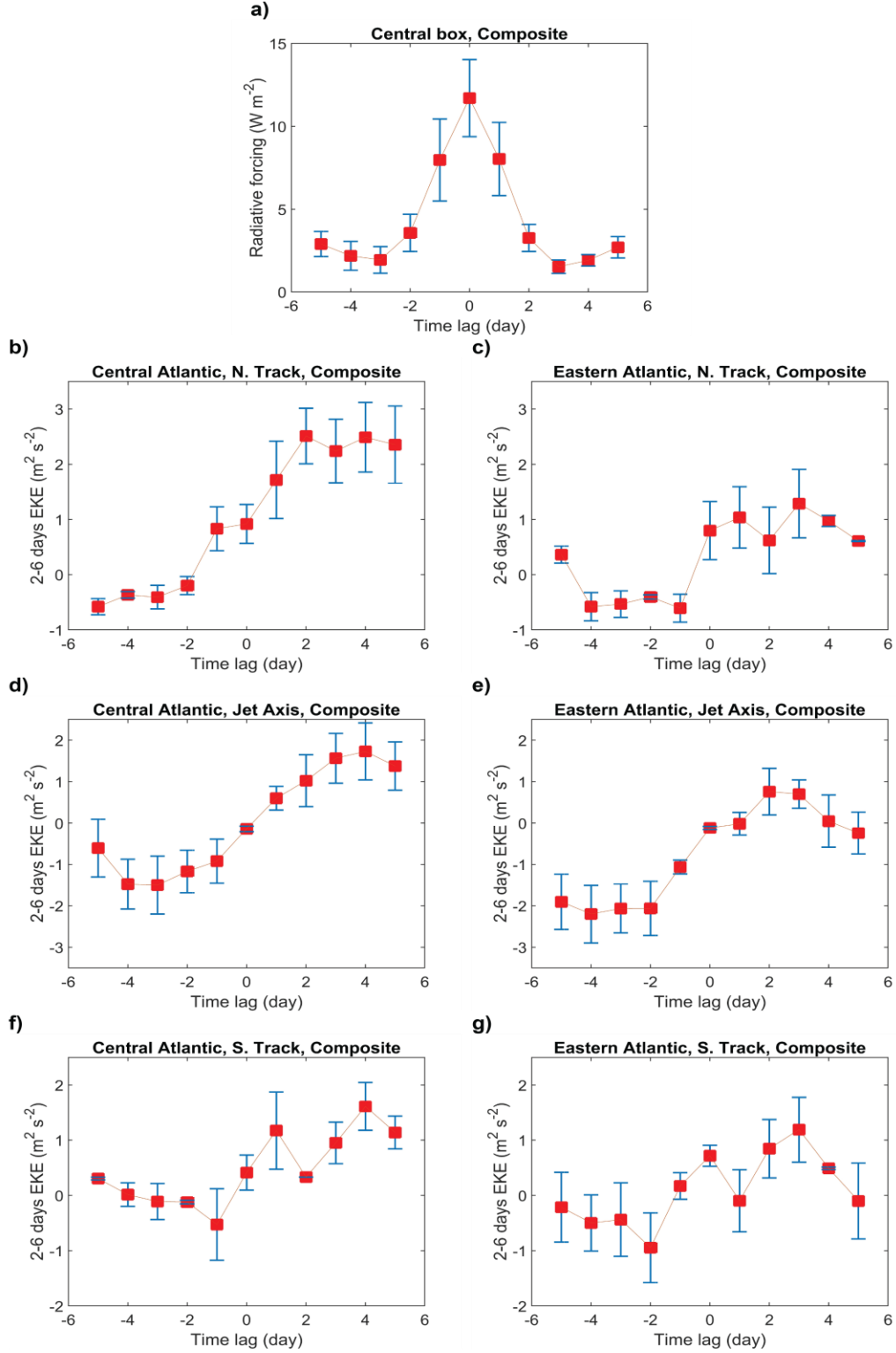
Figure S6 Same as Figure 5, but the dust domain in SAL is selected further downstream over 12° to 22°N and -38° to -28°E.