Supplemental Material

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FIG S1. Figure showing 10-day back trajectories of air parcels arriving at 1500 m for (a) and (b) and 5500 m for (c) and (d). These trajectories have been constructed for June 2014 for the (a and c) northern Bay of Bengal and (b and d) the southern Bay of Bengal. The colours indicate dust mixing ratio along the trajectories. The dust emission regions are shaded grey and the black contour encloses the Thar Desert.