Figure S1: Ground station observations of $PM_{2.5}$, CO and O_3 for the non-fire (top) and fire (bottom) period. The location of four stations (http://www.arb.ca.gov) can be found on the map in Fig. 1.

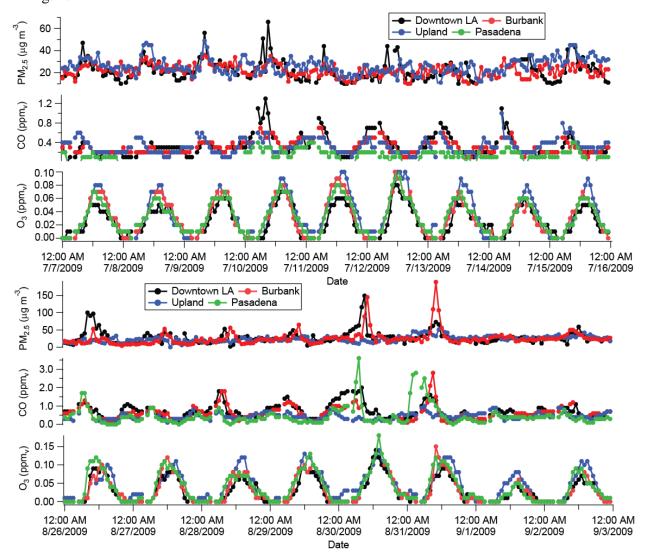


Figure S2. Number (top) and volume (bottom) size distributions over the course of (left) 10 July 2009, a day during the non-fire period, and (right) 31 August 2009, a heavily smoke-influenced day during the fire period.

