

Fig. 2. Airport arrival and departure distributions, mixing height distributions and mean black carbon concentration ( $\mu\text{g m}^{-3}$ ) distributions for each hour of the day across the entire sampling period. Site-specific values represent the mean black carbon concentration for each hour.

dissimilar, which was reasonable given the distance between them and their locations relative to the airport and other major sources. Concentrations at Field View and Smith were most similar, which was expected given their proximity to each other and that they are

both located south and southeast of the main airport runway. Of note, most of these values fall within the range typical of metropolitan areas in eastern and central United States ( $0.082 < \text{max COD} < 0.27$ ) (Wilson et al., 2005).

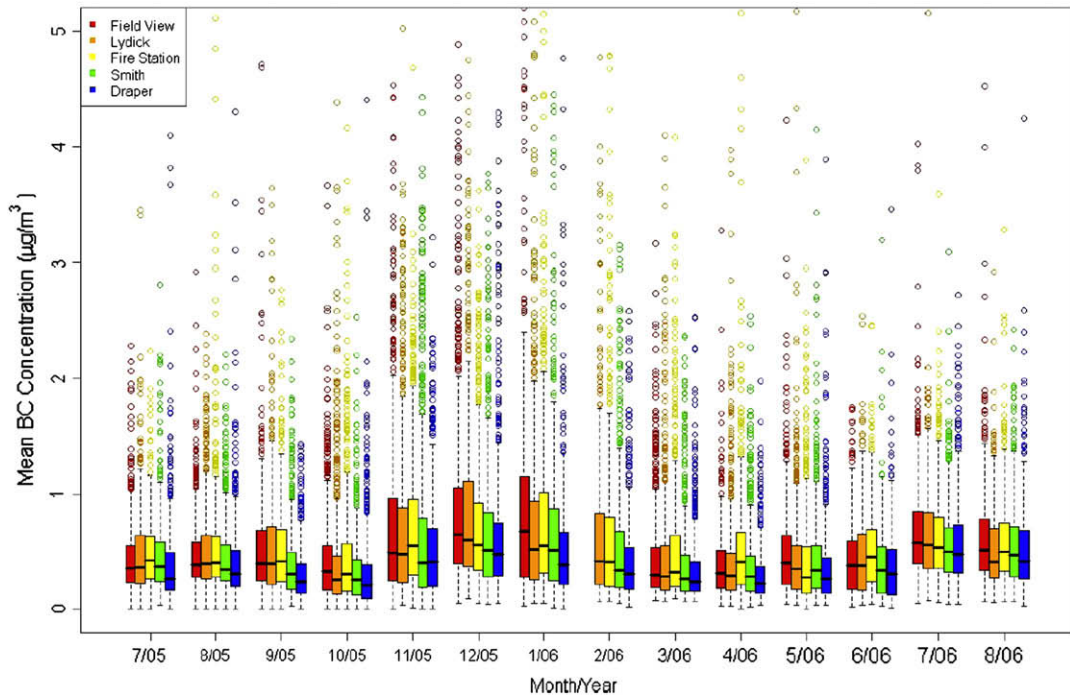


Fig. 3. Black carbon concentration distributions for each site and month across the entire sampling period.