

Accepted Manuscript

Intra-continental wildfire smoke transport and impact on local air quality observed by ground-based and satellite remote sensing in New York City

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PII: S1352-2310(18)30389-3

DOI: [10.1016/j.atmosenv.2018.06.006](https://doi.org/10.1016/j.atmosenv.2018.06.006)

Reference: AEA 16064

To appear in: *Atmospheric Environment*

Received Date: 15 December 2017

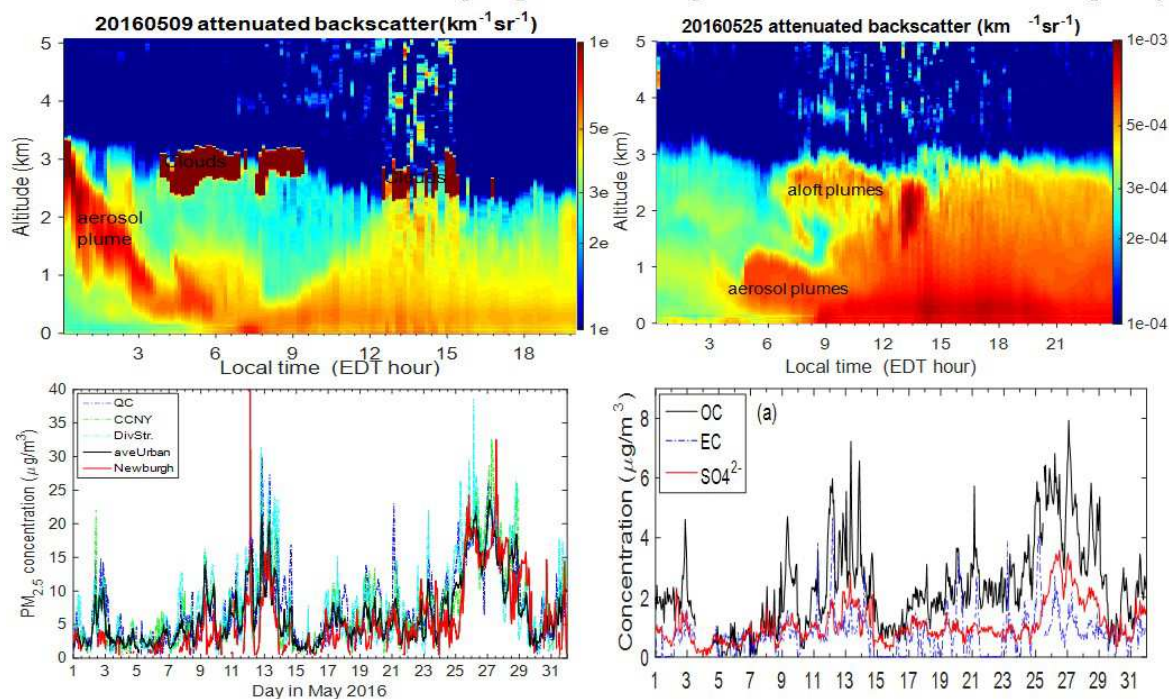
Revised Date: 11 March 2018

Accepted Date: 3 June 2018

Please cite this article as: Wu, Y., Arapi, A., Huang, J., Gross, B., Moshary, F., Intra-continental wildfire smoke transport and impact on local air quality observed by ground-based and satellite remote sensing in New York City, *Atmospheric Environment* (2018), doi: 10.1016/j.atmosenv.2018.06.006.

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Dense aloft smoke plume intrusion and mixing down into PBL are observed. A coincident increase of ground $\text{PM}_{2.5}$ in the NYC urban/rural area and the enhancement of OC, EC and K^+ indicate the big impacts of transported smoke on the local air quality.



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