

1 Dimethylamine as a Major Alkyl Amine Species in Particles and Cloud Water: Observations in
2 Semi-Arid and Coastal Regions

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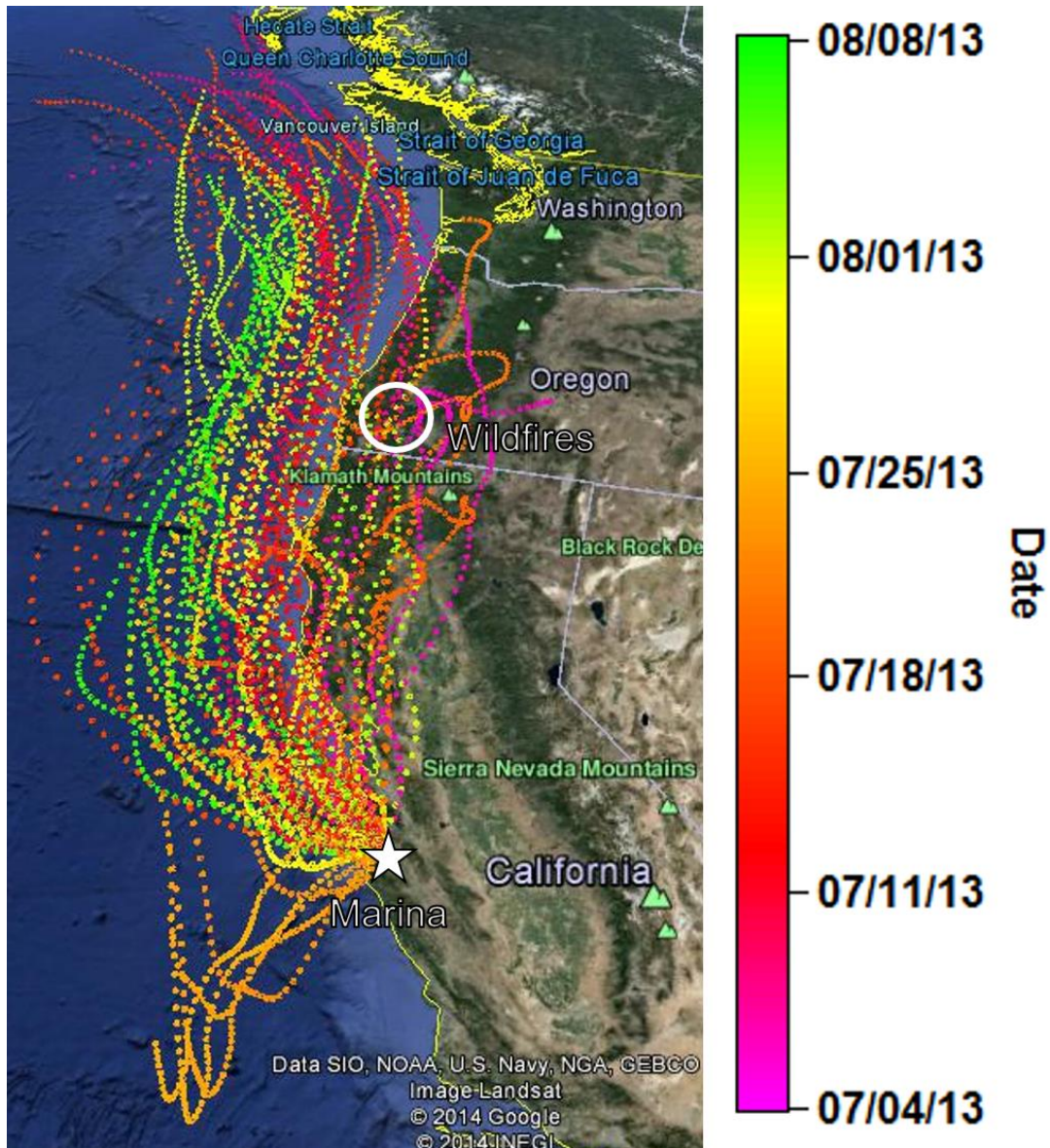
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11 Supporting Information Summary: 3 Pages including Cover Page, 1 Figure

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15 **Figure S1.** Three-day air mass back-trajectories computed with the NOAA HYSPLIT model
 16 (Draxler and Rolph, 2012), colored by the final date (UTC) of the trajectory arriving at the
 17 MOUDI measurement site in Marina, California. The area where the wildfires (Big Windy,
 18 Whiskey Complex, and Douglas Complex) occurred is circled in white. Transport time of the
 19 smoke plumes to Marina is estimated to be ~47 hours on average during NiCE. Figure adopted
 20 from Maudlin et al. (2015).

21 References

- 22 Draxler, R. R., Rolph, G. D., 2012. HYSPLIT (HYbrid Single-Particle Lagrangian Integrated
23 Trajectory) Model access via NOAA ARL READY Website
24 (<http://ready.arl.noaa.gov/HYSPLIT.php>); NOAA Air Resources Laboratory: Silver Spring, MD.
25
- 26 Maudlin, L. C., Wang, Z., Jonsson, H. H., and Sorooshian, A., 2015. Impact of wildfires on size-
27 resolved aerosol composition at a coastal California site, Atmos. Environ., in press.