

Aerosols and Clouds Lab Report Guidelines

Organize your report into the following sections:

1) Abstract

2) Introduction/Background

- Largely drawn from class materials, but books like Seinfeld and Pandis (http://www.amazon.com/Atmospheric-Chemistry-Physics-Pollution-Climate/dp/0471720186/ref=sr_1_1?ie=UTF8&qid=1429020201&sr=8-1&keywords=seinfeld+and+pandis) are helpful as well."

3) Methods

- Discussion of instruments and techniques: DustTrak, DMA (SMPS Manual), CPC, OPS, CCNC
- Plots of data from Lab 1 for SMPS and OPS
- Calibration of CCNC (discuss how you'll use this correction to interpret data)

4) Results

- DustTrak baby
- Week-long time series of CCNC, SMPS, and OPS
 - * 3 or 4 1-week HYSPLIT trajectories for Boston

5) Discussion/Implications

- What did you learn from the data?
- What is interesting, important, significant, etc. in your data with respect to human health, air quality, weather, climate, etc.?
- How could you tweak the methodologies to provide more interesting info?
- What could be possible future work?

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