

Data Archiving with NOAA ESRL

- Submit in ICARTT format (UTC time) to <ftp.al.noaa.gov>
- ICARTT format: www.esrl.noaa.gov/csd/groups/csd7/measurements/icartt_format_info.html
- One folder for each instrument. Example: "SG1_VOCs2DGC"
- Naming example: SG1_VOCs2DGC_SOAS_20130601_RA.ict. SG1 is instrument identifier; 20130601 is start date; RA, RB, etc. for preliminary data; R0, R1, etc. for final data
- For ease of data analysis: encourage reporting of data on 1-min time scale provided by NOAA if possible and appropriate
- Recommend one file for whole study, i.e. no need to stitch daily files together (data transfer may become prohibitive for 1-sec data). When just appending data: keep same revision number. When changing e.g. calibrations: up revision number
- Flux data: can store 1 or 10 Hz scalar data and/or calculated eddy fluxes
- Profile data: can store images and/or time series of derived properties (e.g. BL height)
- Data are transferred to www.esrl.noaa.gov/csd/groups/csd7/measurements after field study and made available in ICARTT and IGOR format
- Tools to handle data in IGOR Pro will be made available
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