

GOMECC 2007 Flux, Ozone, Wind and Ceilometer Data

Flux, wind and ceilometer data collected during the GOMECC 2007 cruise are available on the following Earth System Research Laboratory (ESRL) ftp site:

ftp://ftp.etl.noaa.gov/et6/cruises/GOMECC_2007/RHB/Scientific_analysis/.

The **flux** directory contains the 5 and 30 min bulk flux files.

The **915_winds** directory contains the daily wind profile files.

The **ceilometer** directory contains the 30 second, 10 minute and hourly cloud base height information.

Each directory contains a readme file describing the file format of the datasets.

Other data collected on the cruise include:

- **Micro-wave radiometer** data (total precipitable water and total liquid water). These are still in their raw uncorrected formats.
- **Fast response ozone** data. A summary of these data can be found in:
ftp://ftp.etl.noaa.gov/et6/cruises/GOMECC_2007/RHB/Scientific_analysis/ozone/

The ozone flux data are also discussed in this recently published paper:

Ludovic, Bariteau, J. Hueber, K. Lang, D. Helmig, C. W. Fairall, and J. E. Hare, 2010: Ozone deposition velocity by ship-based eddy correlation flux measurements. *Atmos. eas. Tech.*, 3, 441-455, DOI:10:5194/amt-3-441-2010.