

ICARTT

Linking Regional Air Quality to Intercontinental Transport

- A few words about ICARTT
- Timeline for data reduction, analysis, interpretation and presentation.

ICARTT - International Consortium for Atmospheric Research on Transport and Transformation

Mobile Platforms Payloads and Performance



The ICARTT Context

Cooperative studies were undertaken by several groups in North America and Europe during the summer of 2004 that were aimed at developing a better understanding of factors that shape air quality and climate in their respective countries and the remote regions of the North Atlantic.

Scope of the Research

The research conducted in the programs that composed ICARTT focused on three main areas:

- *Regional air quality*
- *Intercontinental transport*
- *Radiation balance in the atmosphere*

ICARTT Presentations

Timeline for Data Reduction, Analysis, Interpretation and Presentation

Jan. 15, 2005

Preliminary data placed in the ICARTT data archive.

Mid-March to Mid-May, 2005: Individual Group Analysis and Interpretation

- **March 8 - 11, 2005**

The NOAA RV Ronald H. Brown, NASA J31 and Chebogue Pt. Groups held data workshops in Boulder.

- **March 29 - April 1, 2005**

INTEX holds its internal data workshop in Virginia Beach to discuss the DC8 data.

- **April 12 - 14, 2005**

NOAA P3 and NOAA DC3 Groups will hold a data workshop in Boulder. Agenda will be posted. All ICARTT participants are welcome.

- **April 25 - 29, 2005**

Lagrangian Experiment Workshop and presentations associated with the European Geosciences Union. All ICARTT participants are welcome. (Vienna, Austria)

ICARTT Presentations (cont.)

Timeline for Data Reduction, Analysis, Interpretation and Presentation

Mid-May, 2005

Working-Group leaders meet and decide on the format for the ICARTT Study Workshop. Determine the special sessions that will be requested for the Fall 2005 AGU and submit to the American Geophysical Union (*It was suggested that sessions be organized along cross-cutting themes*).

Themes so far identified include: Lagrangian Experiment, other long-range transport events, intercomparison studies, and aerosol influence on radiation. Additional major themes emerged from the study. Themes so far identified include nighttime chemistry, Canadian forest fire plume studies, and aerosol transformation during transport. Other themes may be forthcoming. Your comments and suggestions are welcome.

August 8 - 12, 2005

ICARTT Study Workshop, University of New Hampshire:

A suggested format: The workshop will consist of plenary sessions devoted to presenting the findings from the various groups that contribute to the identified themes followed by breakout sessions devoted to discussion of theme topics and sharpening theme finding by combining results from groups.

ICARTT Presentations (cont.)

Timeline for Data Reduction, Analysis, Interpretation and Presentation

Fall 2005

Presentations made at the AAAR Meeting and Fall AGU:

Beyond 2005, presentations at general or topical conferences can be made as individual analysis and interpretation permit (e.g., interpretation of results from profiler network might be reported at the American Meteorological Conference Meeting in January 2006).

Jan 1, 2006 and Beyond

Submission and publication of results: