

## Refereed Publication concerning MOPITT

### 2005

1. Velazco, V., J. Notholt, T. Warneke, M. Lawrence, H. Bremer, J.R. Drummond, A. Schulz, J. Krieg, O. Schrems, "Latitude and Altitude Variability of Carbon Monoxide in the Atlantic Derived from Ship-borne Fourier Transform Spectroscopy, Model and Satellite Data" To Appear in *J. Geophys. Res.* January 2005.
2. Liu, J., J.R. Drummond, Q. Li, J.C. Gille and D.C. Ziskin, "Satellite Mapping of CO Emission from Forest Fires in Northwest America Using MOPITT Measurements" to appear in *Remote Sensing of the Environment*, January 2005.
3. L. N. Yurganov, P. Duchatelet, A.V. Dzhola, D. P. Edwards, F. Hase, I. Kramer, E. Mahieu, J. Mellqvist, J. Notholt, P. C. Novelli, A. Rockmann, H. E. Scheel, M. Schneider, A. Schulz, A. Strandberg, R. Sussmann, H. Tanimoto, V. Velazco, J.R. Drummond, J.C. Gille, Increased Northern Hemispheric carbon monoxide burden in the troposphere in 2002 and 2003 detected from the ground and from space. To appear in *Atmospheric Chemistry and Physics*, February 2005.

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5. Jayanta Kar, Holger Bremer, James R. Drummond, Yves J. Rochon, Dylan Jones, Florian Nichitiu, Jason Zou, Jane Liu, John C. Gille, David P. Edwards, Merritt N. Deeter, Gene Francis, Dan Ziskin, and Juying Warner, "Evidence of Vertical Transport of Carbon Monoxide From Measurements of Pollution in the Troposphere (MOPITT)", to appear in *Geophys. Res. Lett.* 31 (23), L23105, 2004.
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## **Presentations**

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2. James R. Drummond, "Monitoring Pollution In The Troposphere – MOPITT Past, Present and Future", Presented at the Canadian Association of Physicists, Division of Atmospheric and Space Physics 2004 Winter Workshop, London, ON, February 19-21, 2004.
3. D. Edwards, L. Emmons, A. Chu, J. Gille, Y. Kaufman, S. Massie, J. Drummond, "Satellite Observations of African Biomass Burning Emissions and Their Impact on Tropospheric Air Quality," American Geophysical Union Spring Meeting, Montreal, Canada, May 2004.
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24. Wehr, R. E. E. McKernan, A. Vitcu, R. Ciurlyo and James R. Drummond, A Dynamic Spectroscopic Measurements of the Temperature and Pressure Cycles in a MOPITT Pressure Modulator Cell@, Canadian Association of Physicists Annual Conference, Charlottetown, PEI, 8-11 June, 2003
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  33. Edwards, D.P., Combining MOPITT and other satellite data to study tropospheric transport and ozone chemistry, IWG, Nov 2002
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