



Supplement of

Ozone and carbon monoxide over India during the summer monsoon: regional emissions and transport

Narendra Ojha et al.

Correspondence to: Narendra Ojha (narendra.ojha@mpic.de)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.



Figure 1: WRF-Chem simulated average wind-pattern at 850 hPa and Outgoing Longwave Radiation (OLR) during July 2008 over Indian region



Figure 2: Comparison of ozone and carbon monoxide profiles from CARIBIC observations with WRF-Chem simulations driven by INTEX-B emission inventory.



Figure 3: Comparison of WRF-Chem (std) simulated wind speed with radiosonde observations over Chennai.



Figure 4: Scatter plot of wind speed (m/s) between WRF-Chem (std) simulations and radiosonde observations over Chennai.



Figure 5: Comparison of ozone and carbon monoxide profiles from CARIBIC observations with MOZART/GEOS5 data during June, July, August and September 2008. MOZART data has been interpolated along the CARIBIC flight tracks. Only data collected during the aircraft descent is shown here.