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Supplement of

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

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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.