

Title: Performance Analysis of the air quality forecast during MILAGRO field Campaign

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Abstract:

Using The Multiscale Climate Chemistry Model (MCCM) a 48hrs air quality forecast were performed during the MILAGRO campaign from February 28th to April 1st, 2006. A set of statistical metrics were used to analyze and evaluate the performance of the results of the air quality forecast. This experience allowed us to gage the performance of the model and identify its weak and strong points. Urbanization of meteorological models will be an important step to solve many of the encountered problems.