

Supplementary Materials of “Skill-Testing Chemical Transport Models across Contrasting Atmospheric Mixing States Using Radon-222”

This document contains Supplementary Figures S1 – S5:

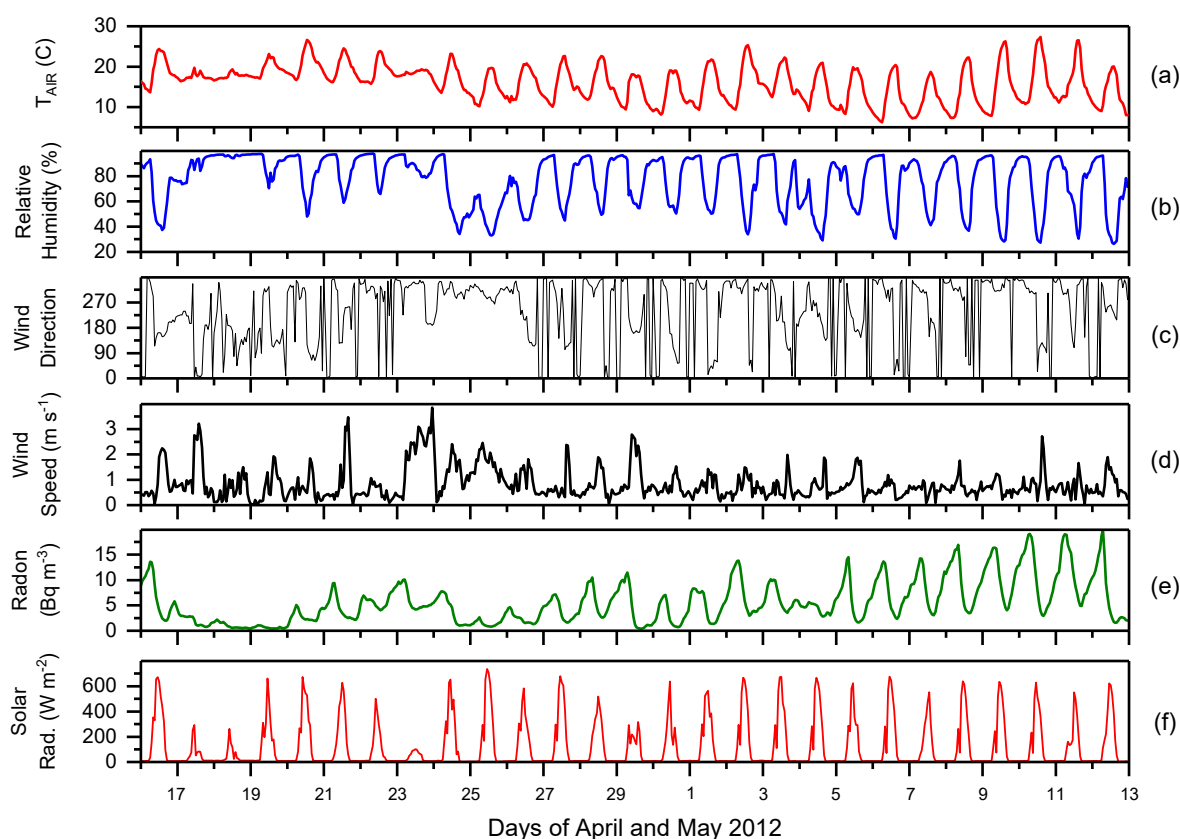


Figure S1. Summary of hourly meteorological and radon observations at Westmead (NSW, Australia), over the 1-month SPS-II campaign (autumn 2012). Wind information was recorded at 10m, all other observations at “screen height” (2m).

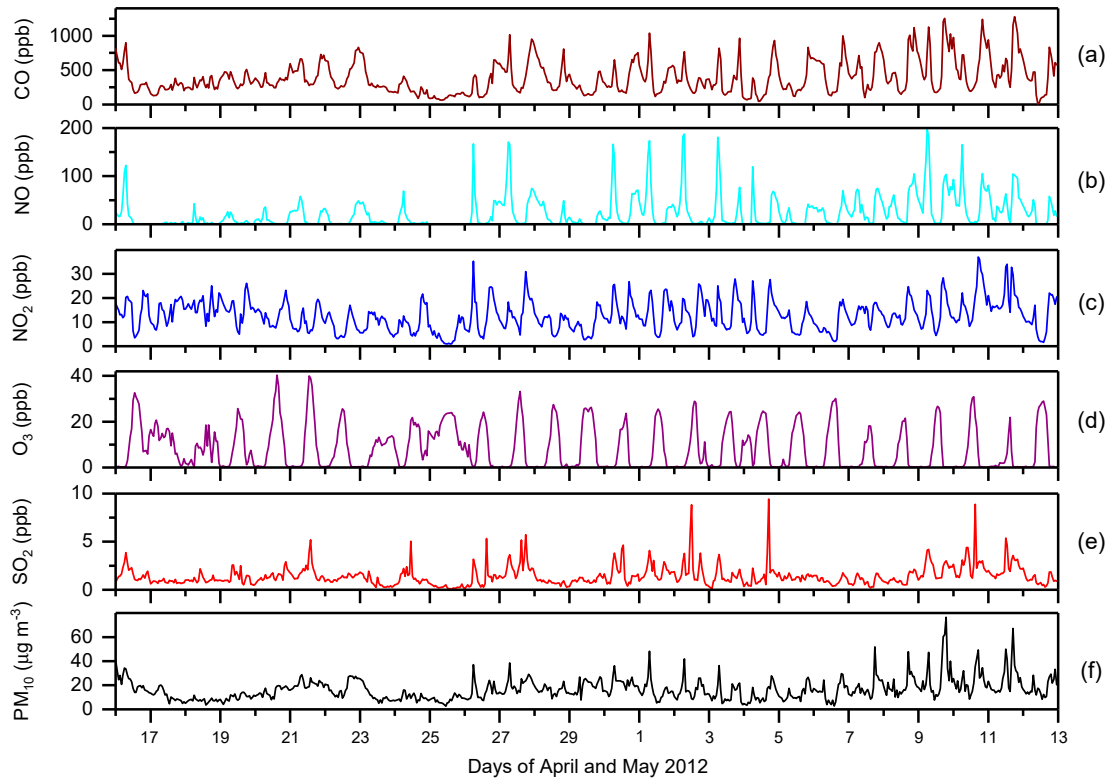


Figure S2. Summary of hourly integrated values of selected air quality parameters at Westmead (NSW, Australia), over the 1-month SPS-II campaign (autumn 2012). All air quality sampling intakes located ~5 m a.g.l.

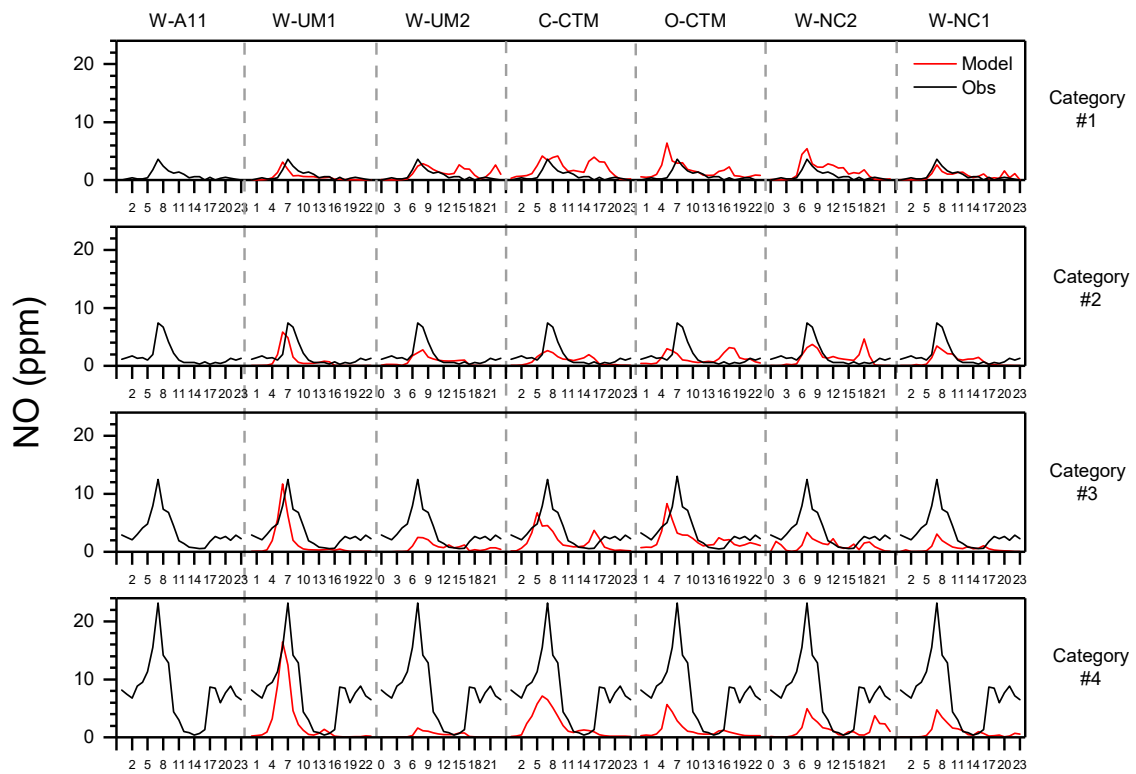


Figure S3. Diurnal composite observed and simulated NO for each of the radon-based mixing categories (Table 1) at the Richmond OEH (NSW, Australia) site during the 1-month SPS-II campaign (autumn 2012).

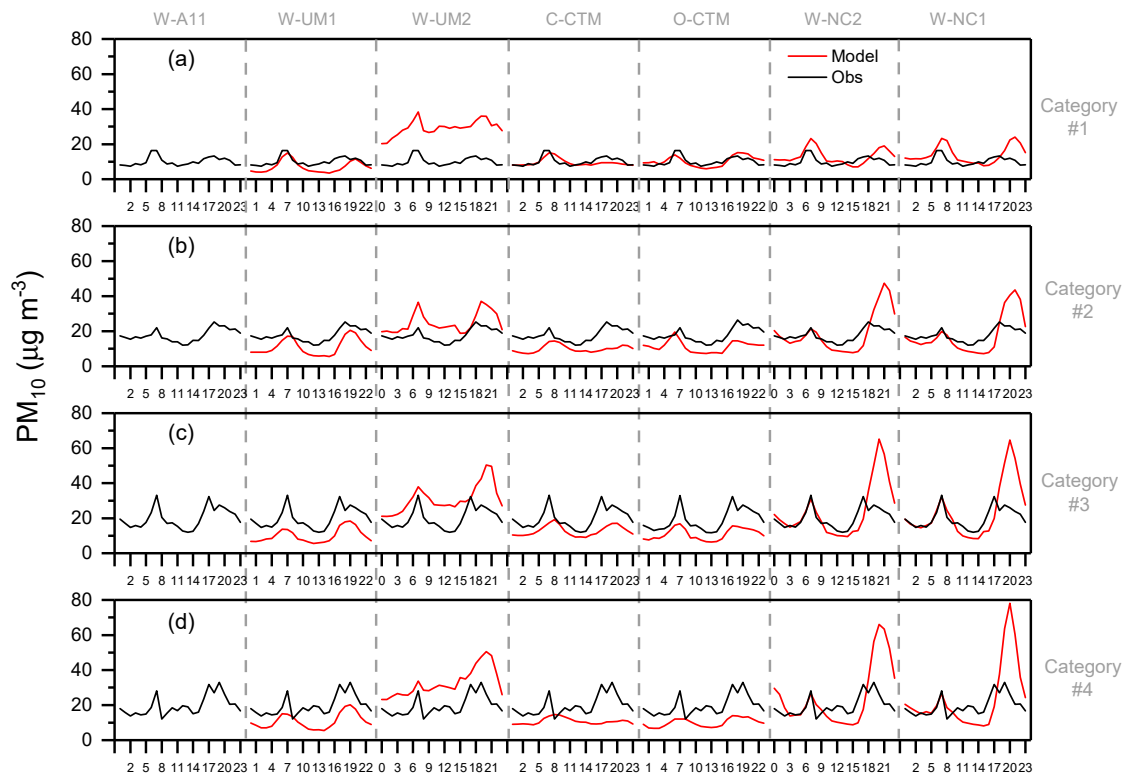


Figure S4. Diurnal composite observed and simulated PM_{10} concentration for each of the radon-based mixing categories (Table 1) at Westmead (NSW, Australia) for the 1-month SPS-II campaign (autumn 2012).

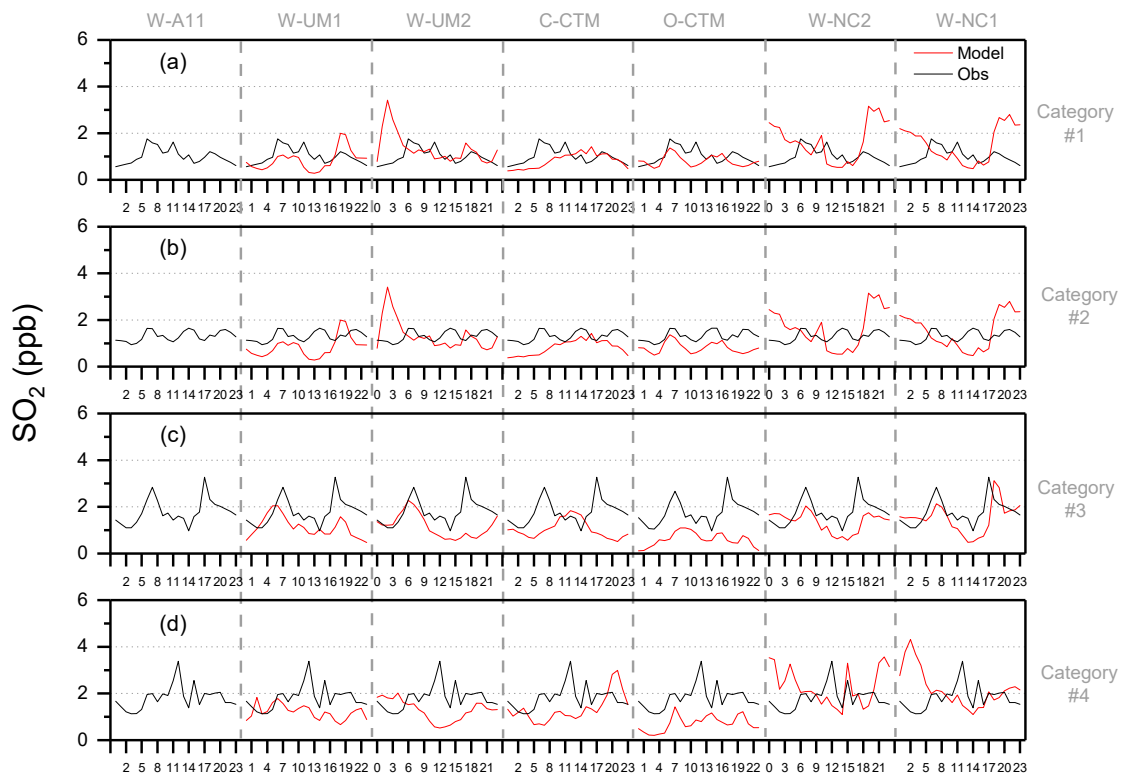


Figure S5. Diurnal composite observed and simulated SO_2 for each of the radon-based mixing categories (Table 1) at Westmead (NSW, Australia) for the 1-month SPS-II campaign (autumn 2012).



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