ELECTRONIC SUPPLEMENT FOR

Vertical profiles of nitrous acid in the nocturnal urban atmosphere of Houston, TX

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SUPPLEMENT INCLUDES:
Expanded figures 4, 5, 6

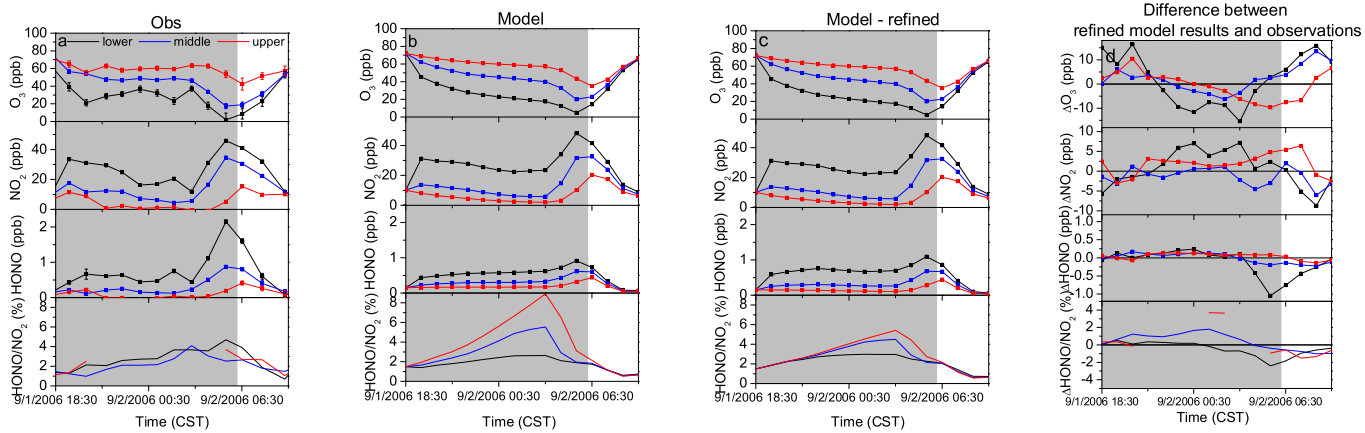

Figure 4: Comparison of HONO, NO_2, O_3 mixing ratios and HONO to NO_2 ratios between observations (panel a), model results (panels b and c), and difference between the observations and the refined model run (panel d) on 1–2 September 2006. (Mixing ratios at lower, middle and upper altitudes are plotted in black, blue and red respectively.)

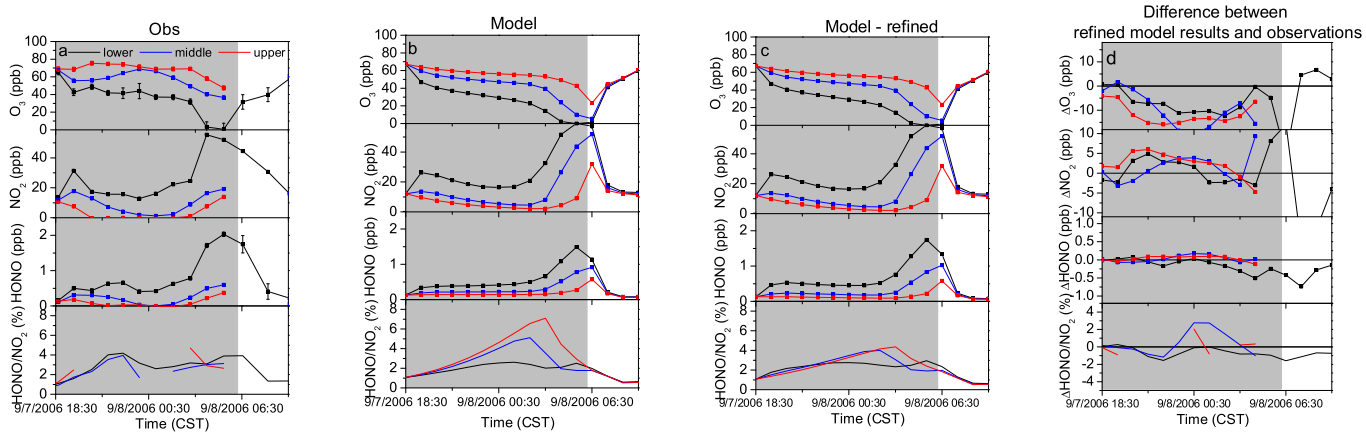

Figure 5: Comparison of HONO, NO_2, O_3 mixing ratios and HONO to NO_2 ratios between observations (panel a), model results (panels b and c), and difference between the observations and the refined model run (panel d) on 7–8 September 2006. (Mixing ratios at lower, middle and upper altitudes are plotted in black, blue and red respectively.)

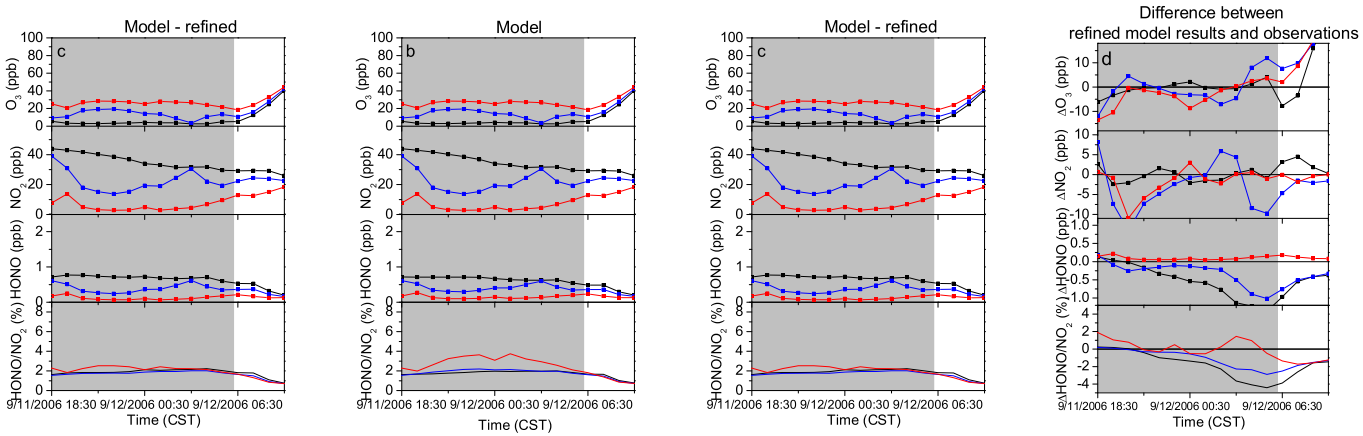

Figure 6: Comparison of HONO, NO_2, O_3 mixing ratios and HONO/NO_2 between observations (panel a), model results (panels b and c), and difference between the observations and the refined model run (panel d) on 11–12 September 2006. (Mixing ratios at lower, middle and upper altitudes are plotted in black, blue and red respectively.)