

Appendix 1. Surface NO_x concentrations at the CAMS stations over Southeast Texas (pink color) and the corresponding 4km CMAQ simulations with NEI2008 from Air Quality Forecasting system at UH (AQF-UH, see <http://spock.geosc.uh.edu>) (blue color). The CAMS sites are from Clinton site, Houston East Site, Bayland Park site, and Conroe site.