

APPENDIX E

BASE CASE MODELING AND PERFORMANCE EVALUATION

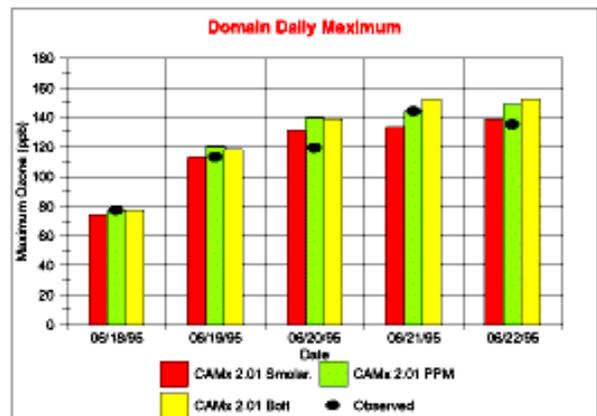
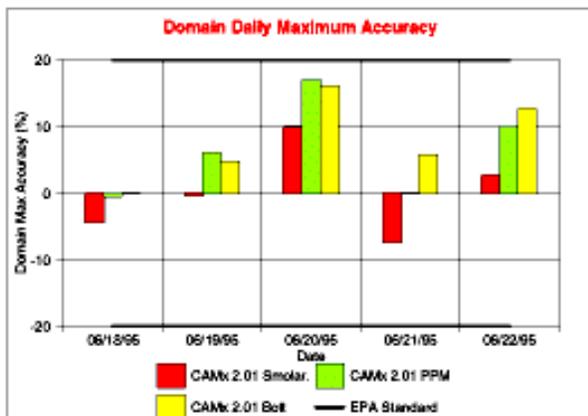
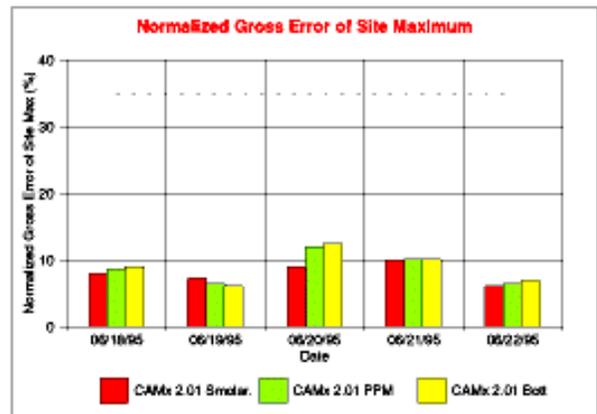
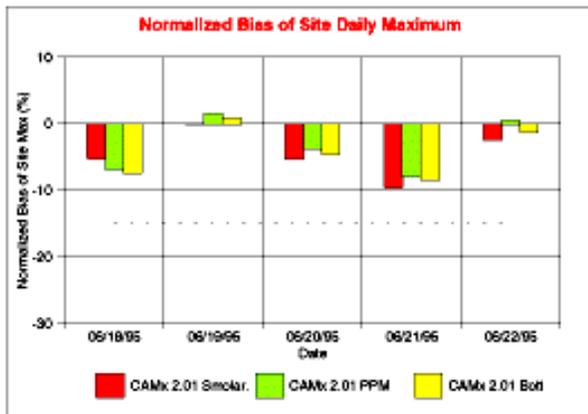
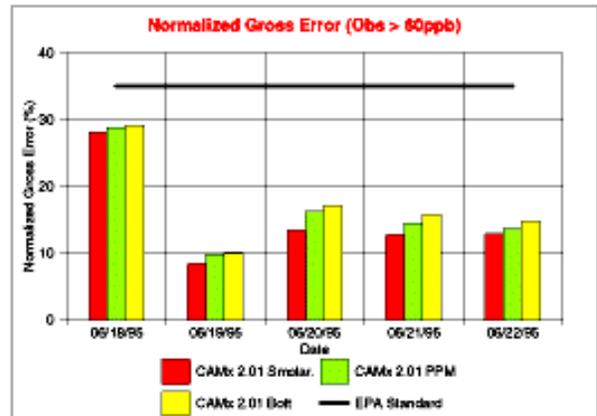
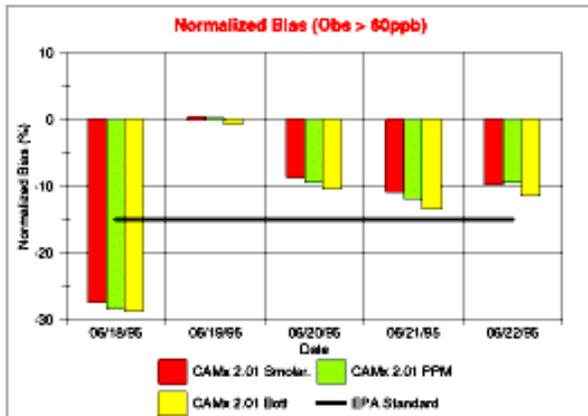
DALLAS/FORT WORTH ATTAINMENT DEMONSTRATION

APRIL 2000 REVISION

Introduction

This report supplements information provided in Appendix E of the State Implementation Plan revision dated October 21, 1998 and submitted to the EPA on March 18, 1999. Specifically, this supplement addresses model performance evaluation of the Base 5 base case.

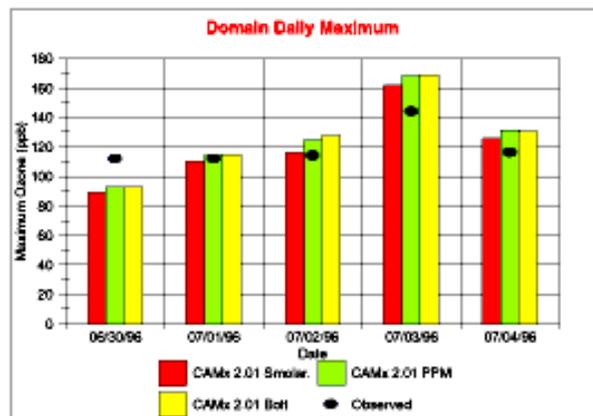
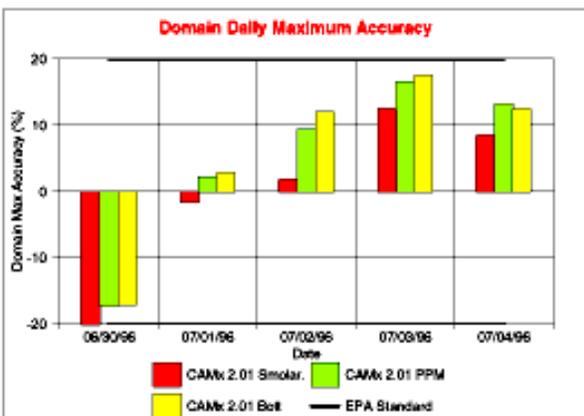
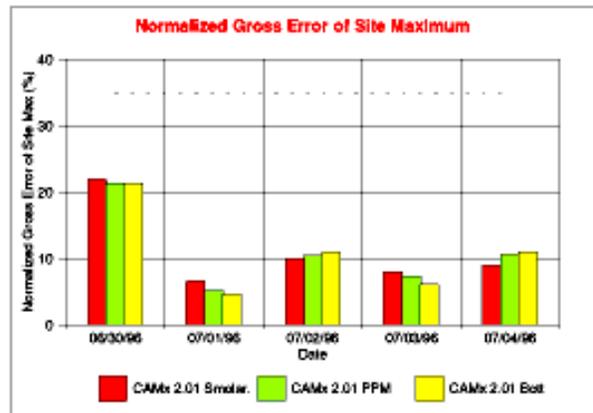
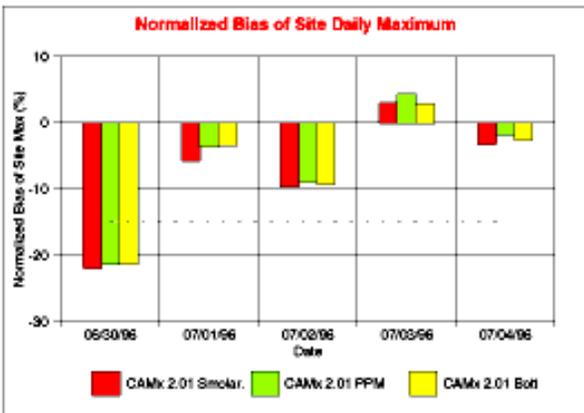
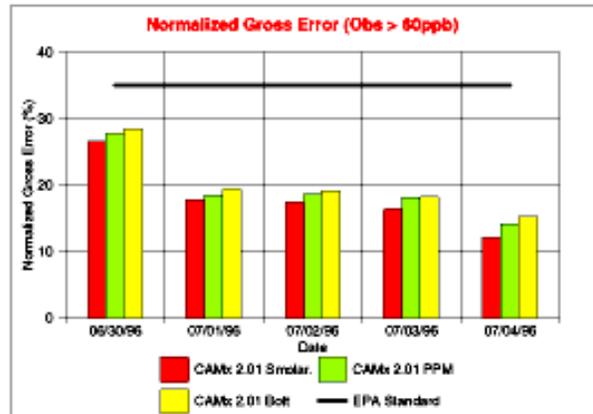
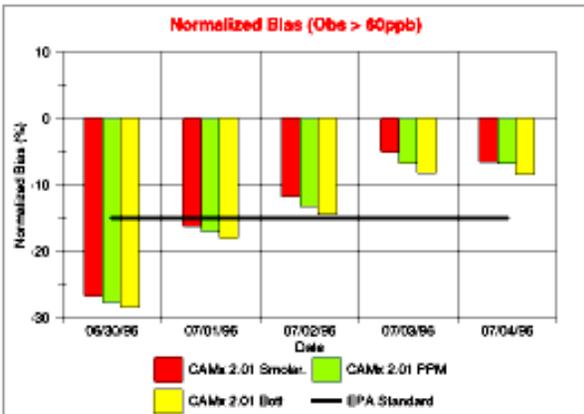
CAMx Modeling Ozone Performance Statistics (Hourly Averages)
DFW Base Case 5: Three Different CAMx 2.01 Configurations
DFW Nonattainment Area, June 18 - 22, 1995



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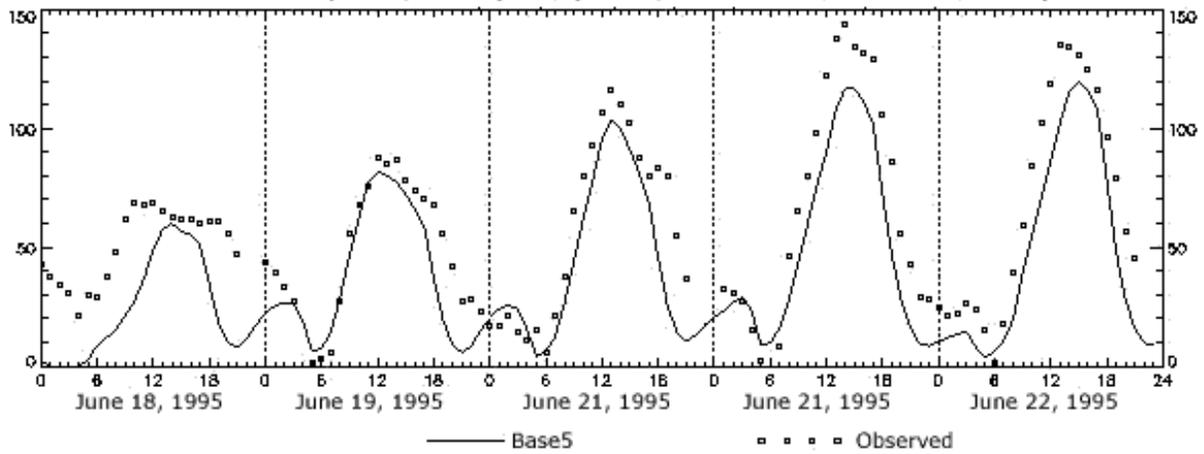
DFW Base Case 5: Three Different CAMx 2.01 Configurations

DFW Nonattainment Area, June 30 - July 4, 1996



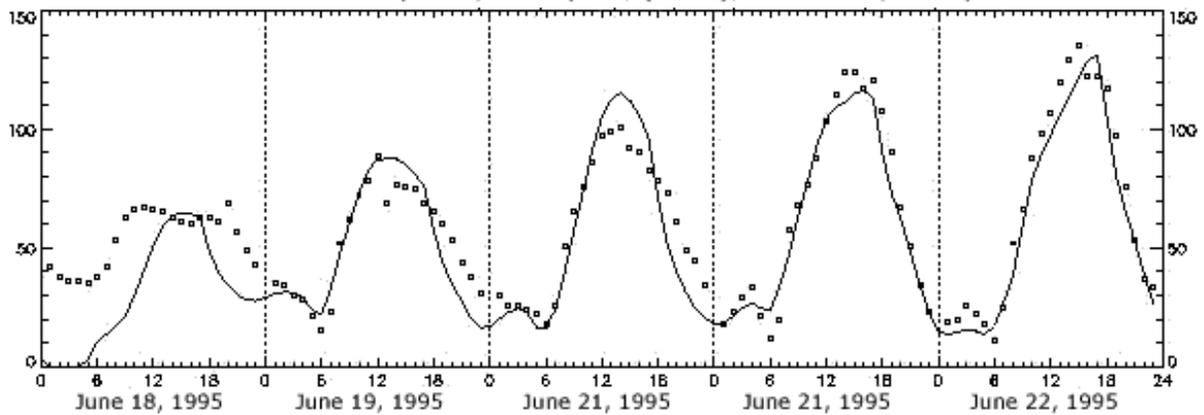
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
DFW Base Case (base5)

DANC at UTM (144.1,3648.5) km, (CAM 5, North Dallas, Dallas Co., Texas)



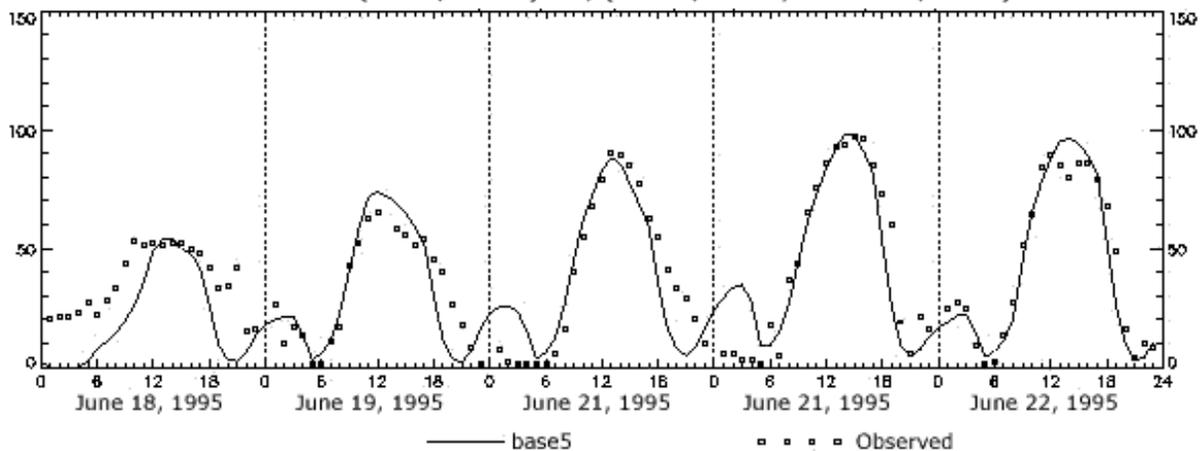
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DCLC at UTM (139.9,3665.5) km, (Colony, Denton Co., Texas)



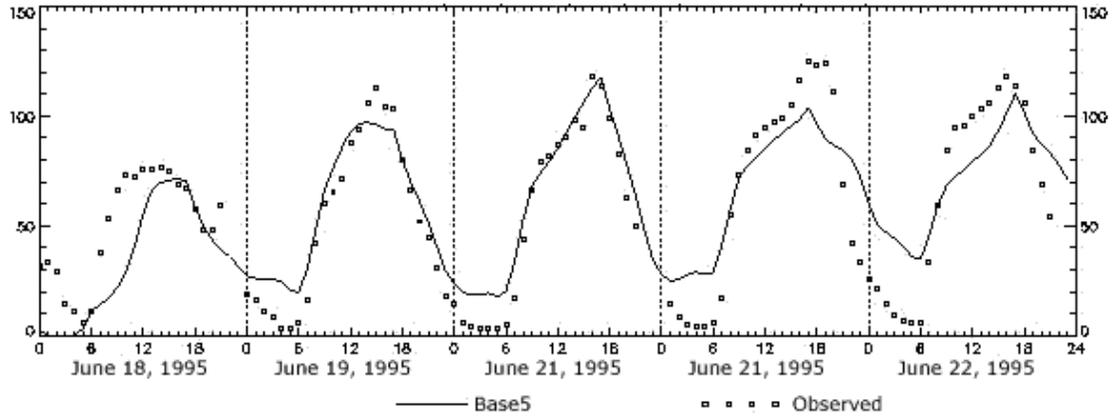
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
DFW Base Case (base5)

DHIC at UTM (138.9,3637.5) km, (Hinton, Dallas, Dallas Co., Texas)



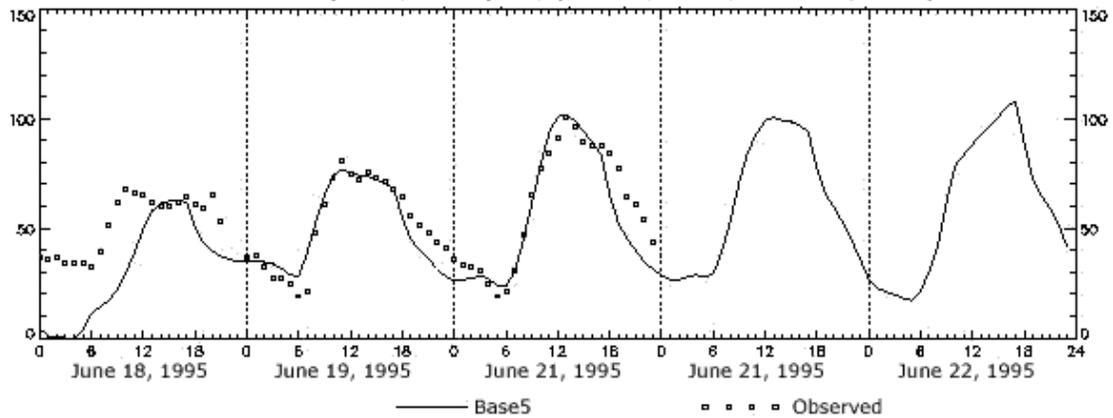
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
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DMAC at UTM (109.3,3681.5) km, (CAM 56, Denton Airport, Denton Co., Texas)



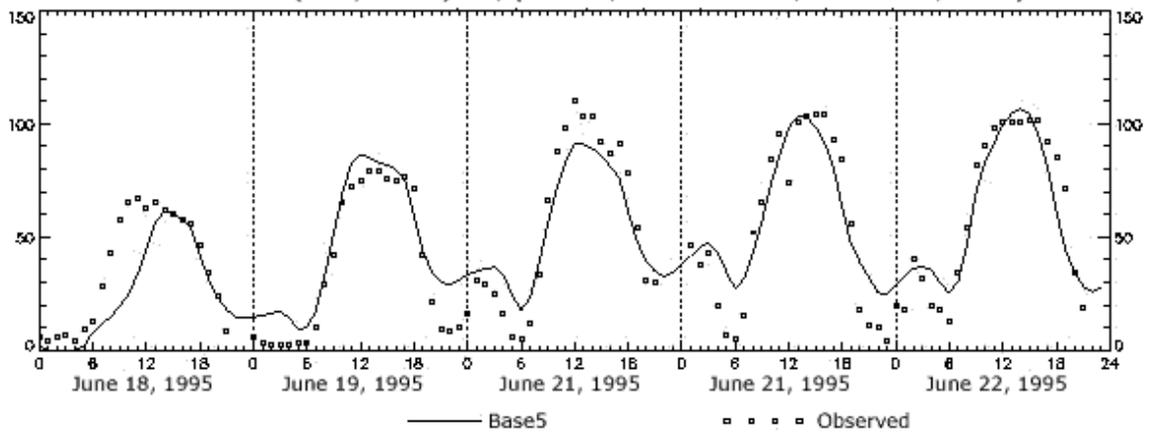
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
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FRIC at UTM (146.8,3671.4) km, (CAM 31, Friaco, Collin Co., Texas)



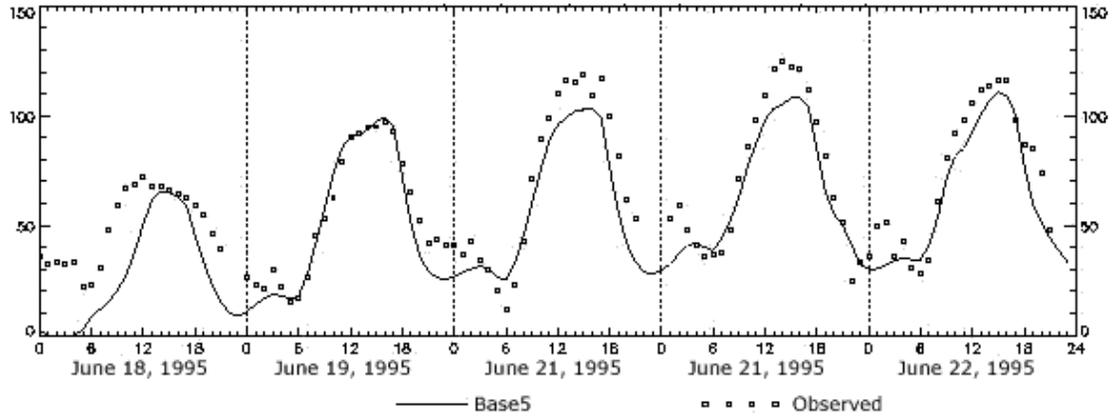
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
DFW Base Case (base5)

FWMC at UTM (92.2,3837.7) km, (CAM 13, NW Fort Worth, Tarrant Co., Texas)



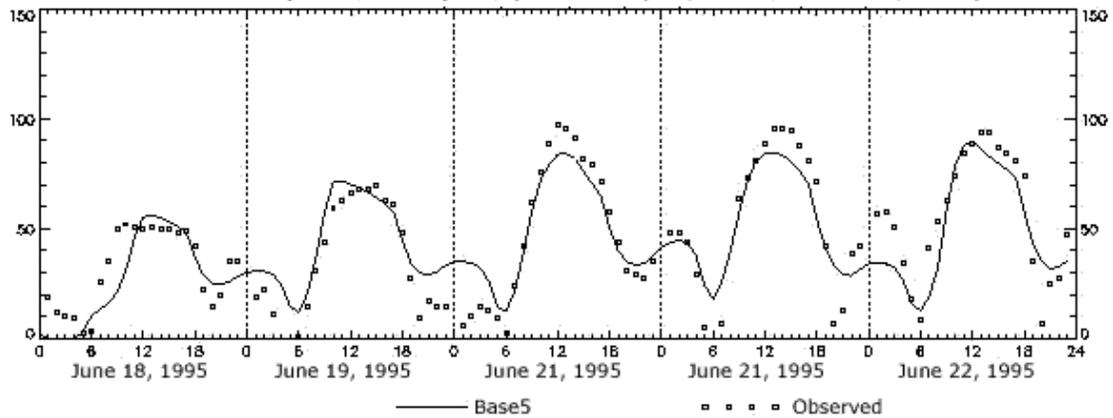
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
DFW Base Case (base5)

KELC at UTM (100.0,3650.3) km, (CAM 17, Keller, Tarrant Co., Texas)



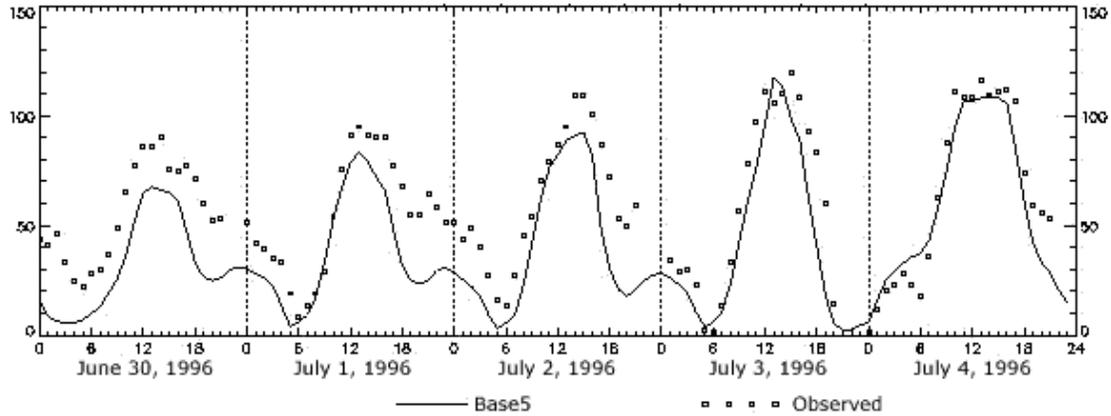
Hourly Average Ozone Concentrations (ppb), June 18 - 22, 1995
DFW Base Case (base5)

TX44 at UTM (136.8,3621.7) km, (Redbird Airport, Dallas, Dallas Co., Texas)



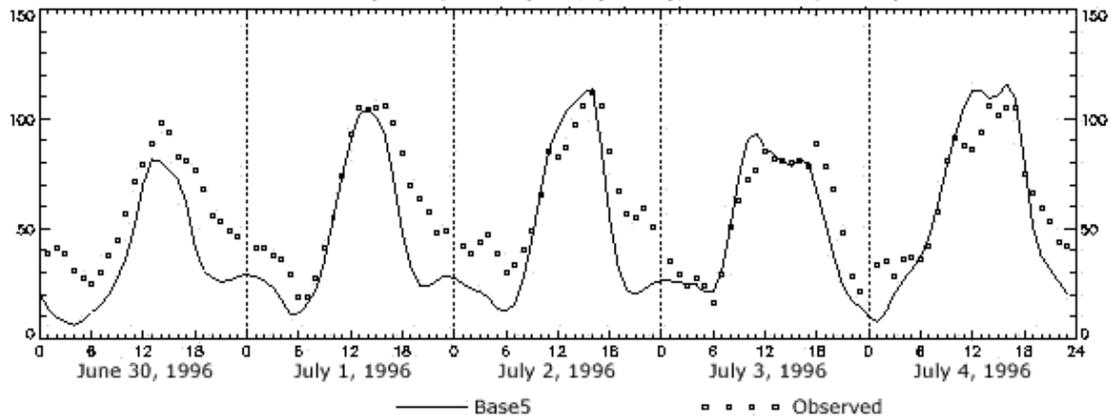
**Hourly Average Ozone Concentrations (ppb), June 30 - July 4, 1996
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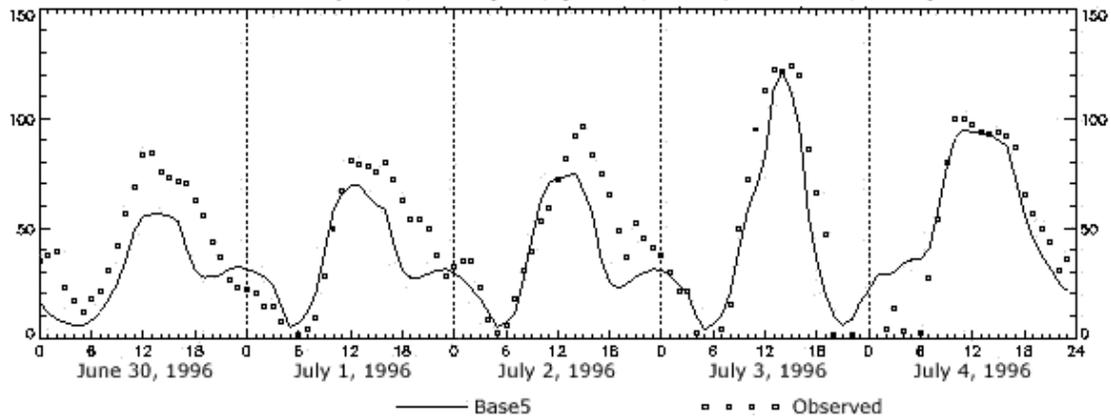
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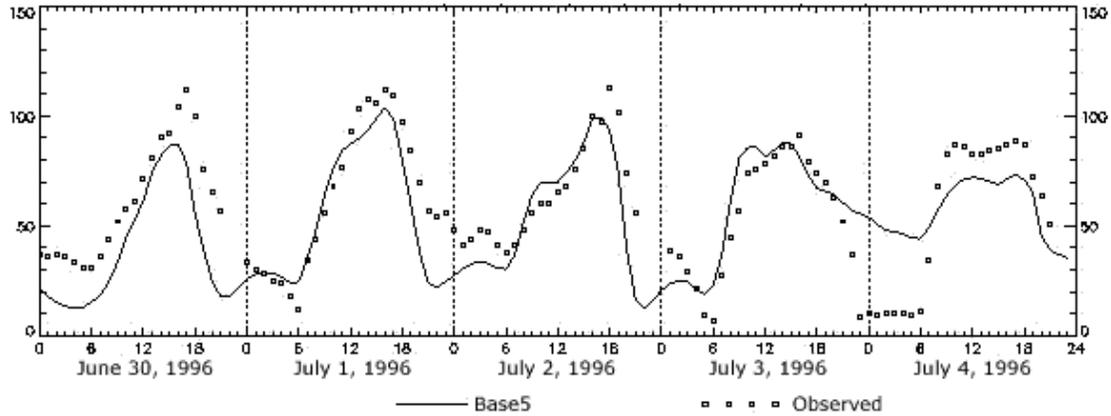
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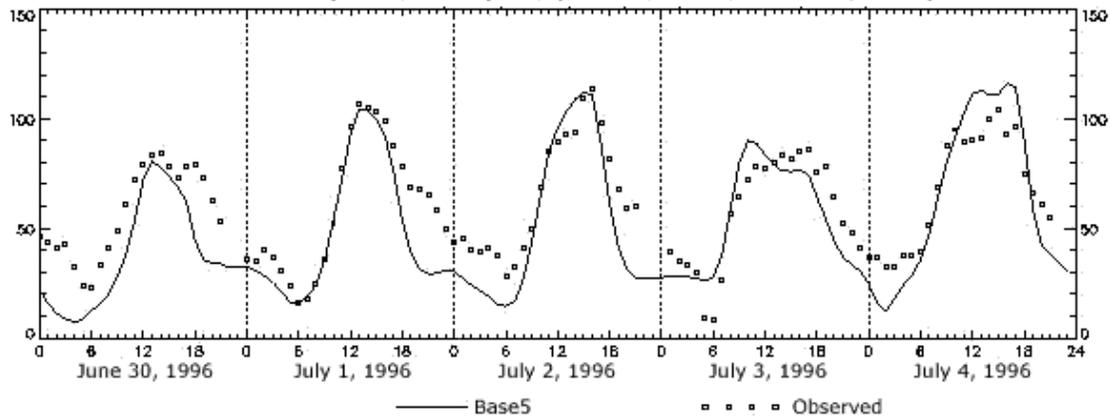
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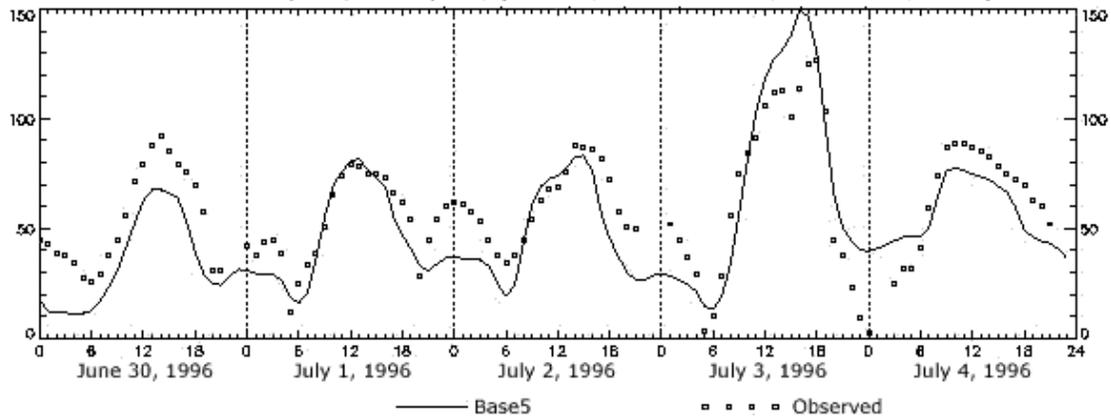
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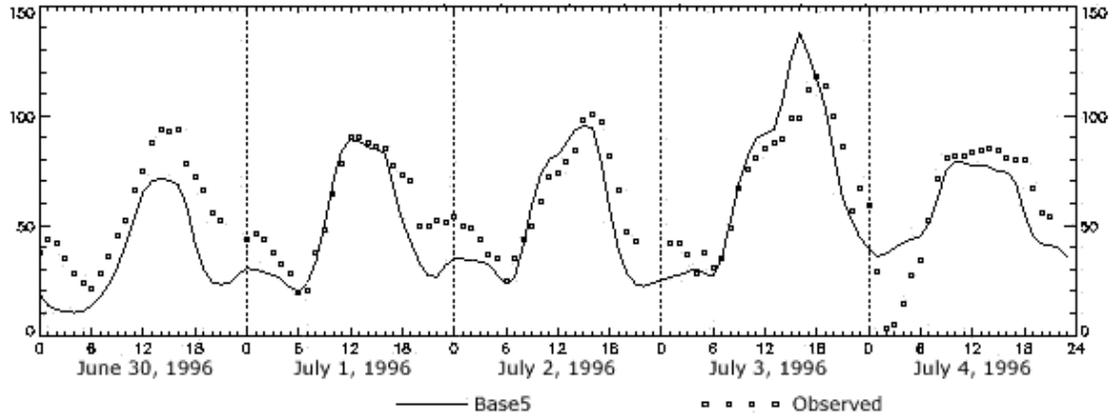
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