

City Heights CO and PM2.5 Monitoring Project

Appendix A – Carbon Monoxide Data

by

**Bill Brick
Senior Meteorologist
San Diego Air Pollution Control District**

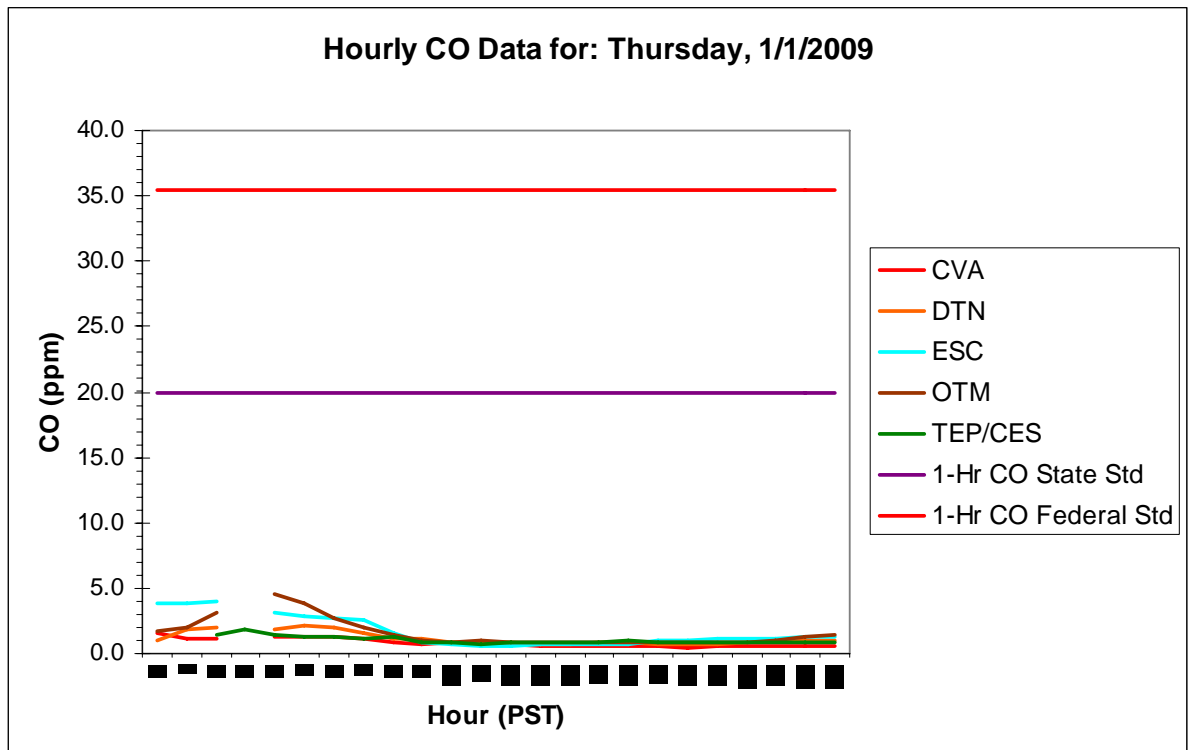
May 26, 2009

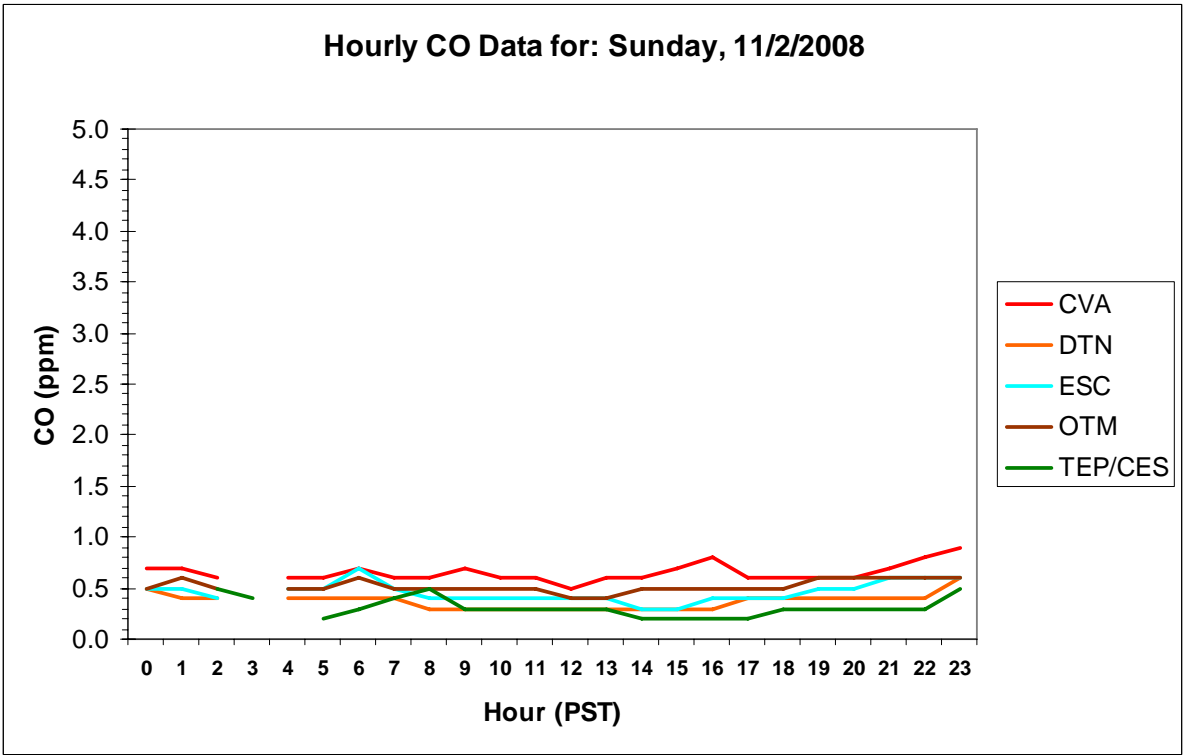
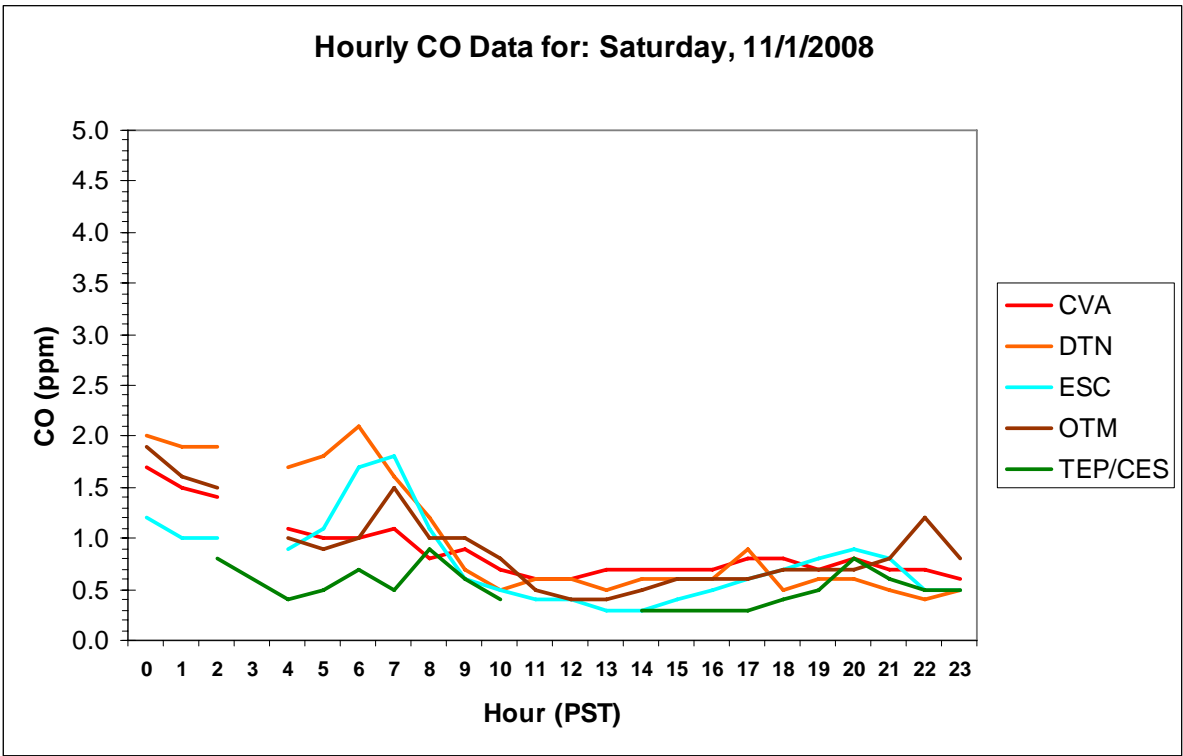
Introduction

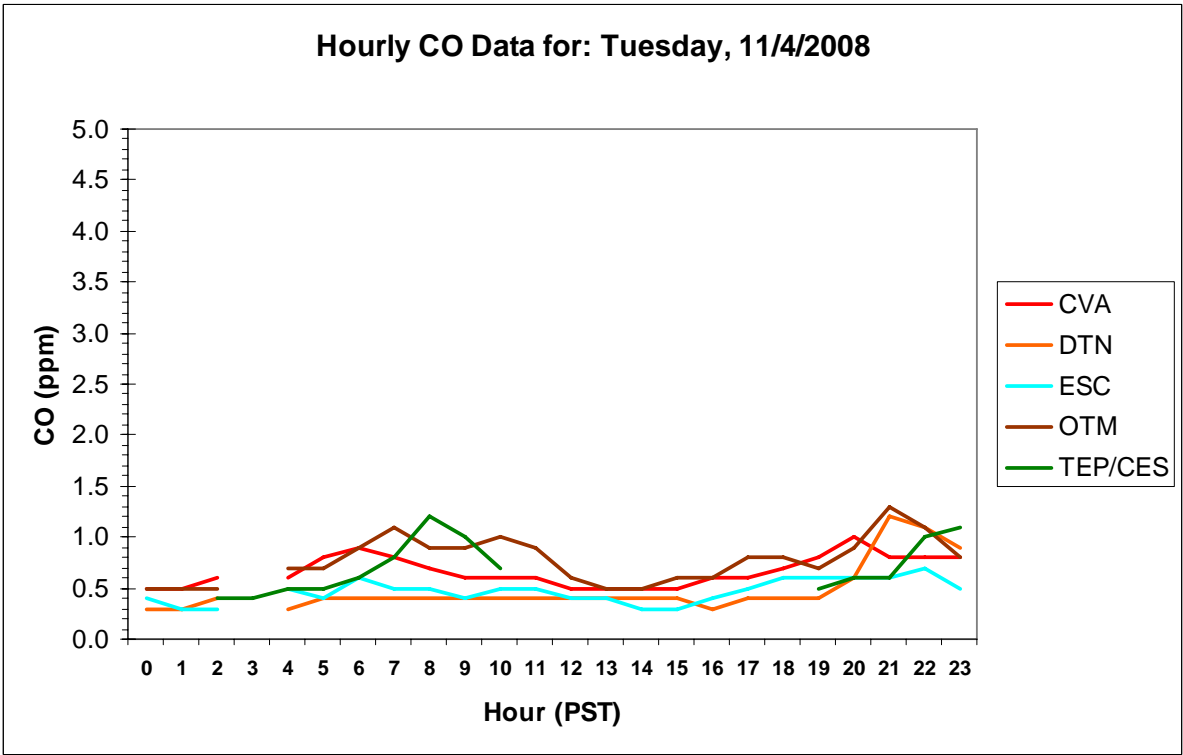
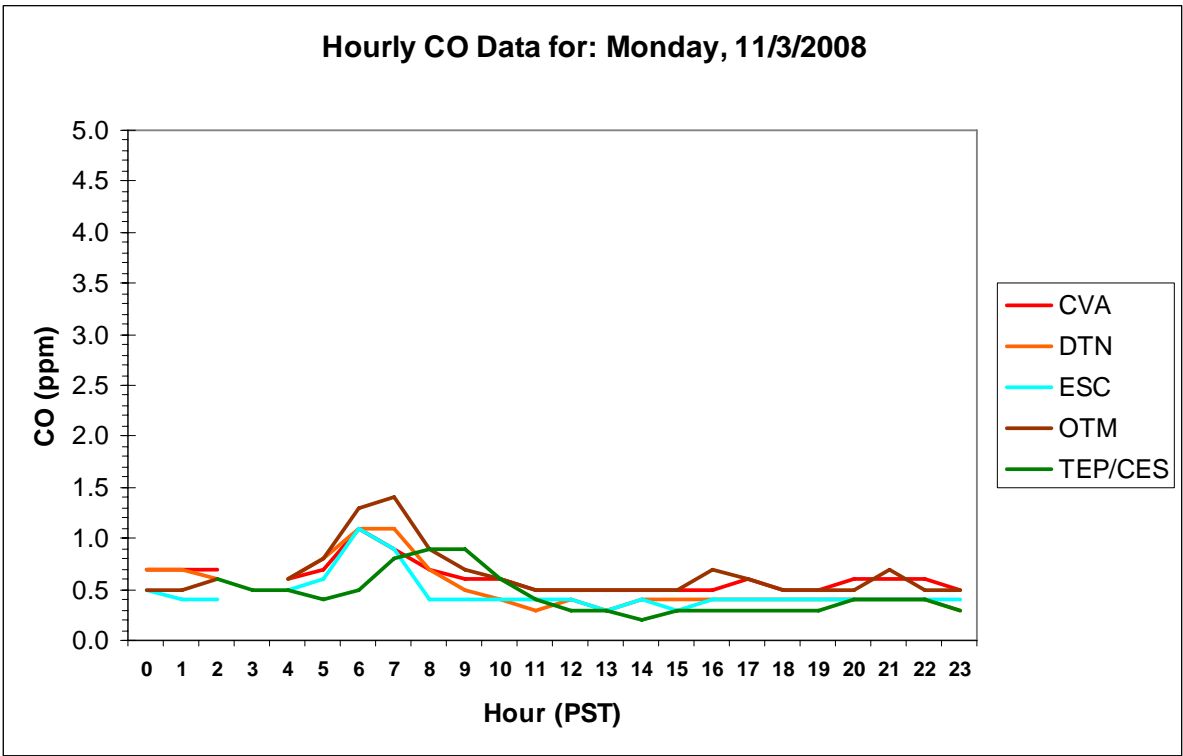
This Appendix contains graphical presentations of the data used in the analysis report. It should be noted that the carbon monoxide data used have not been finalized due to time constraints of the project and that data are normally validated and reported to the EPA on a quarterly basis. However, normal flagging in the data loggers handles routine data invalidations such as power failures, nightly zero/span checks, calibrations, etc. Therefore, no major changes in the data included in this Appendix are anticipated.

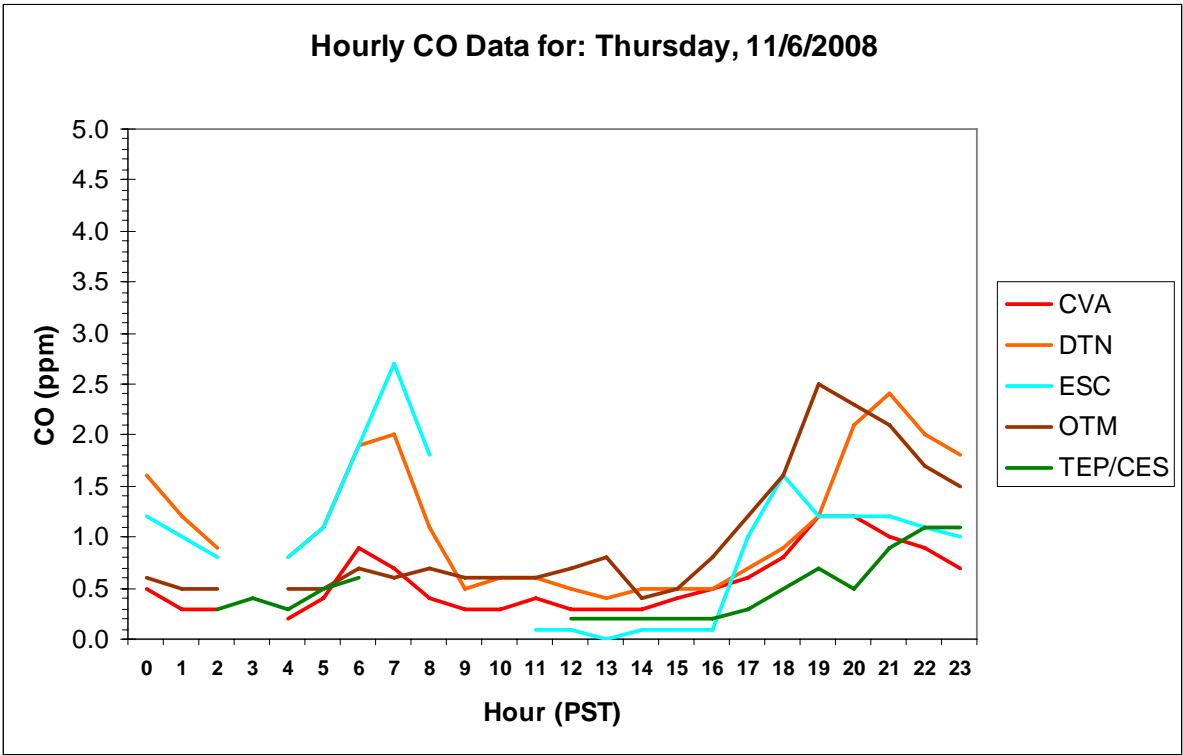
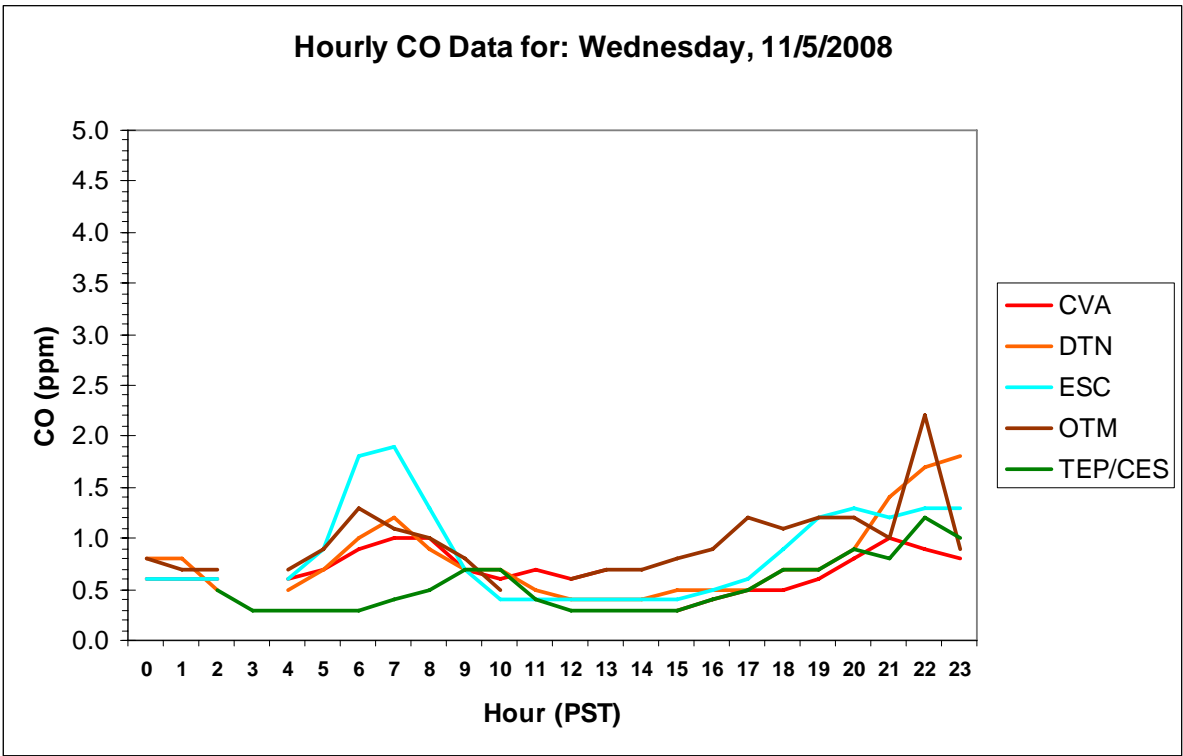
The data below are presented in graphical format, with each day's data plotted as a function of time. The first graph shows the data for January 1, 2009, plotted along with the state and federal 1-hour standards for carbon monoxide (CO). The highest CO measured at any site in San Diego County (Otay Mesa) was measured on this date. As can be seen in this first graph, the highest 1-hour CO concentration measured during the entire project was much lower than the applicable 1-hour standards. To show better detail of the data, all graphs following this first example will be plotted with a maximum range of 5.0 ppm. The state and federal 1-hour standards will not be visible in these graphs.

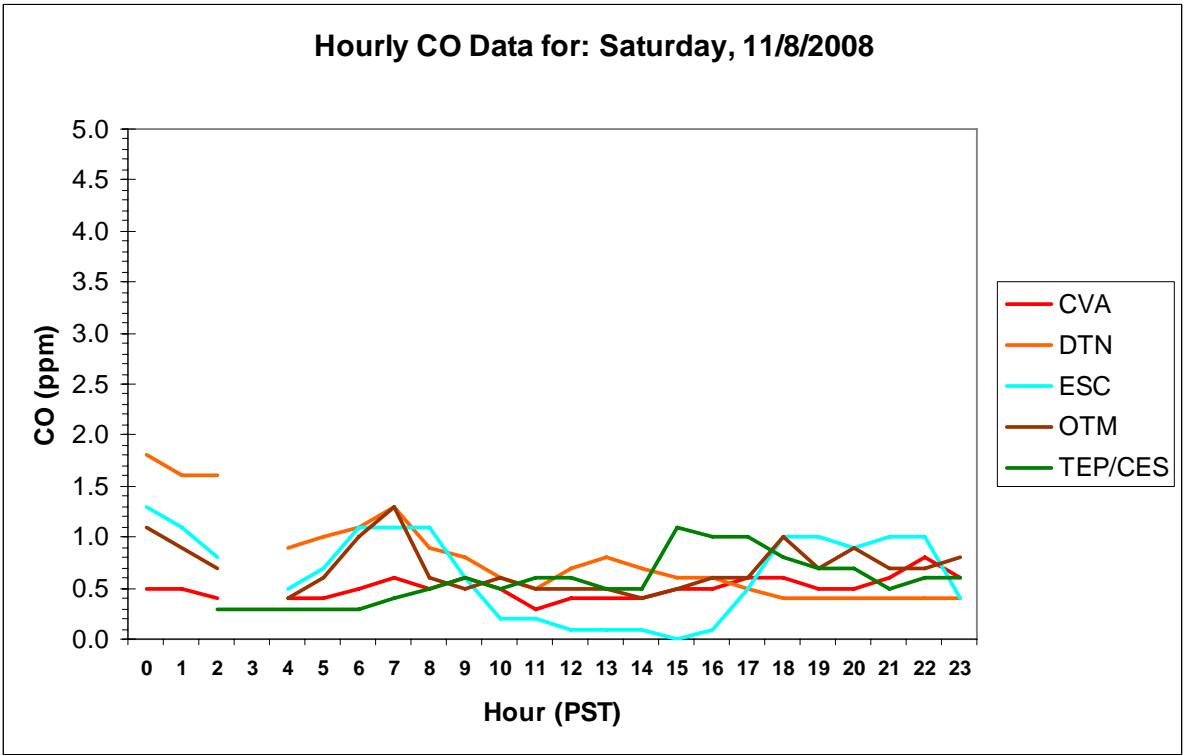
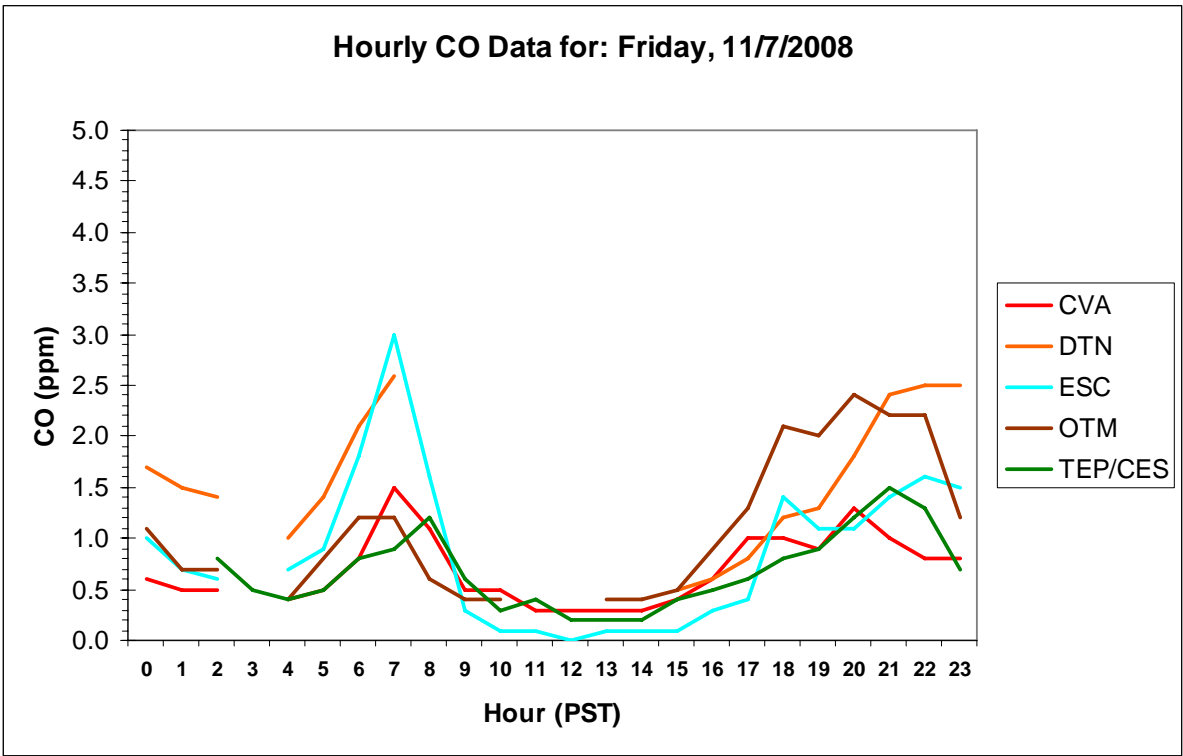
The graphs will all show color-coded hourly averages of CO from all monitoring stations in the County. These are: Chula Vista (CVA), Downtown San Diego (DTN), Escondido (ESC), Otay Mesa (OTM), and, Teralta Park (TEP)/Central Elementary School (CES). The data are plotted against the time collected in Pacific Standard Time (PST), with hour 0 being from midnight to 1 am, hour 1 being from 1 am to 2 am, etc. Data gaps reflect missing data – interpolations are not included.

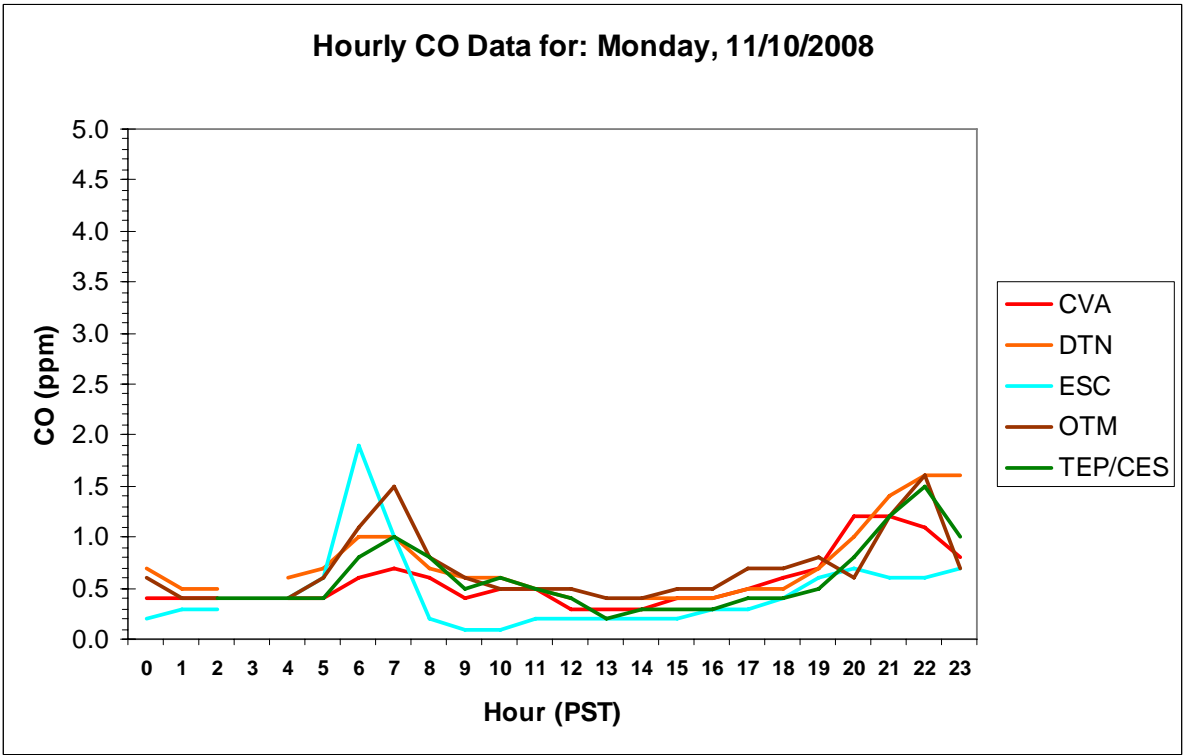
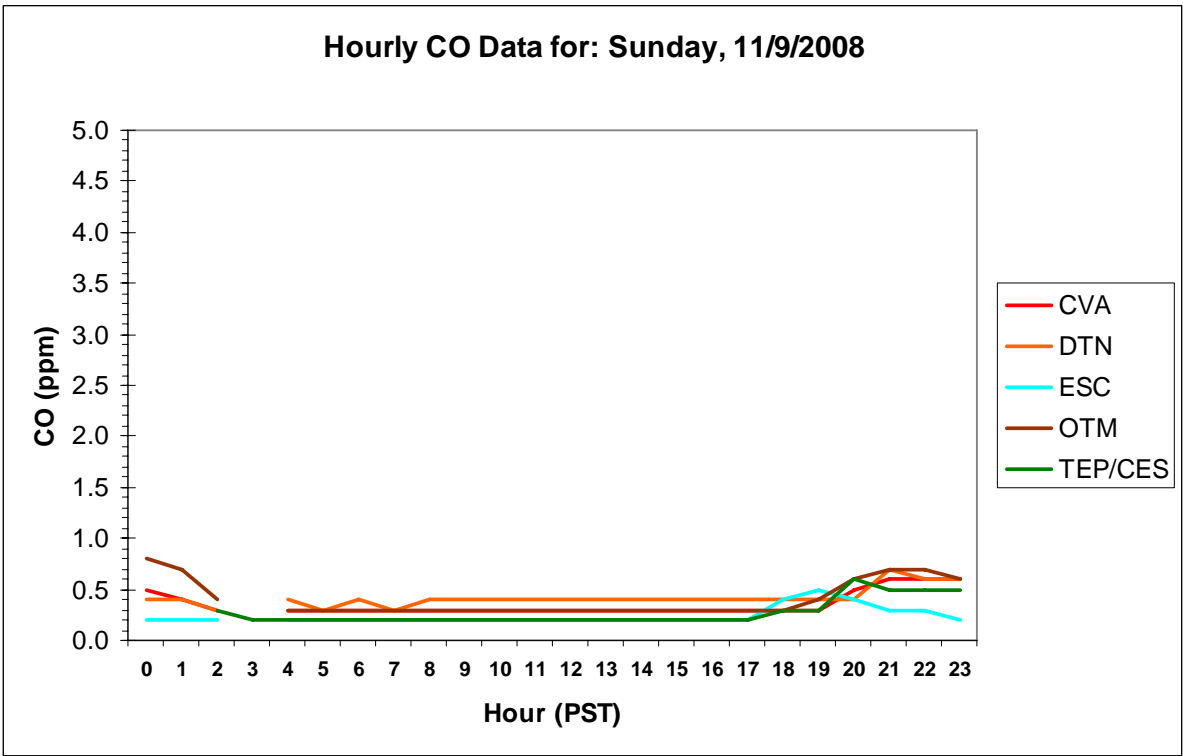


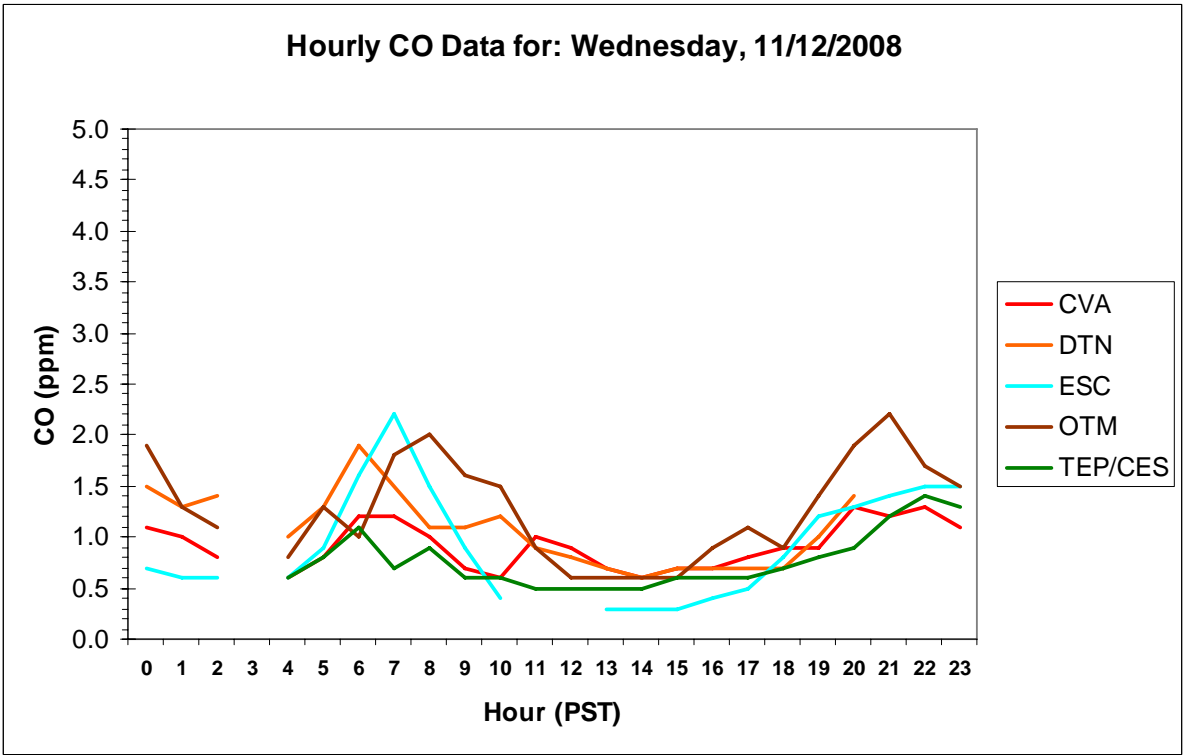
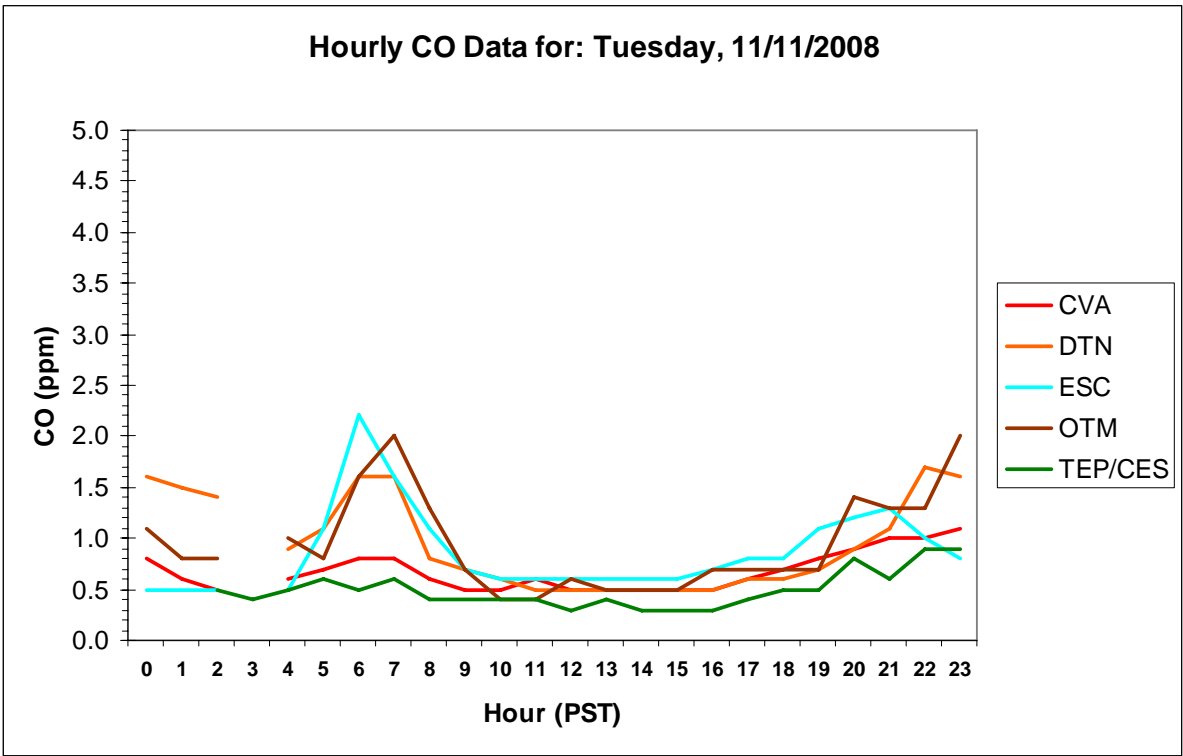


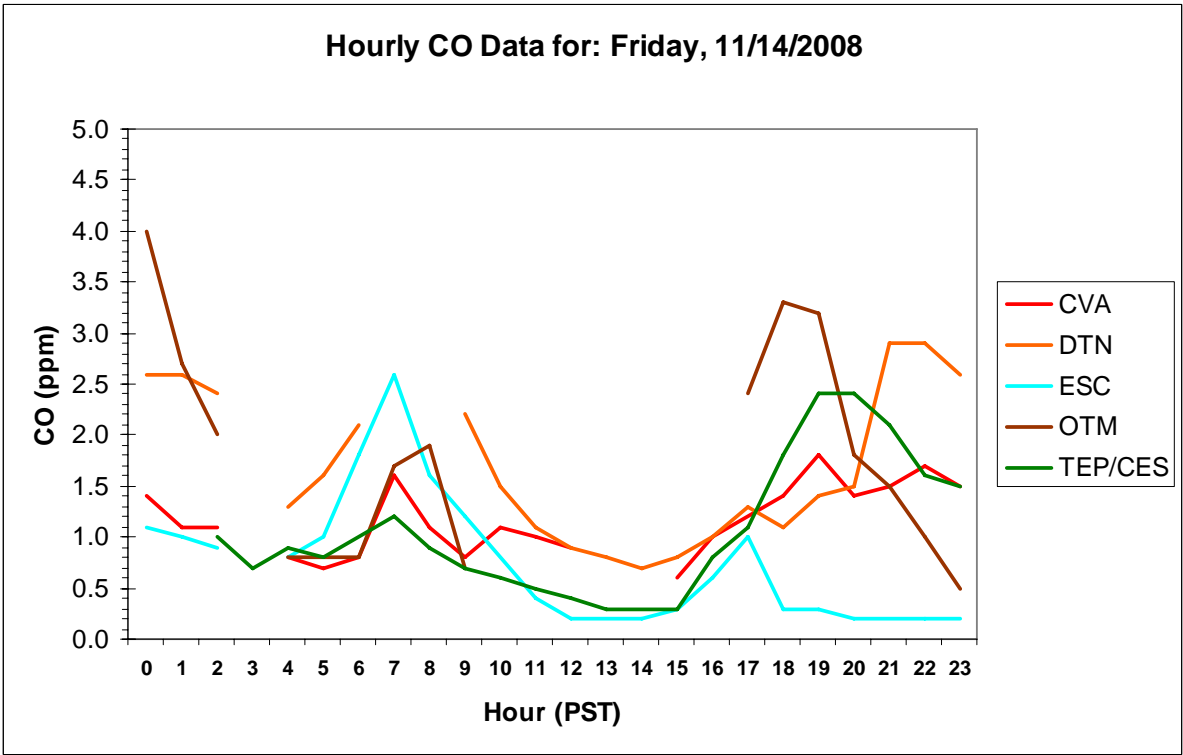
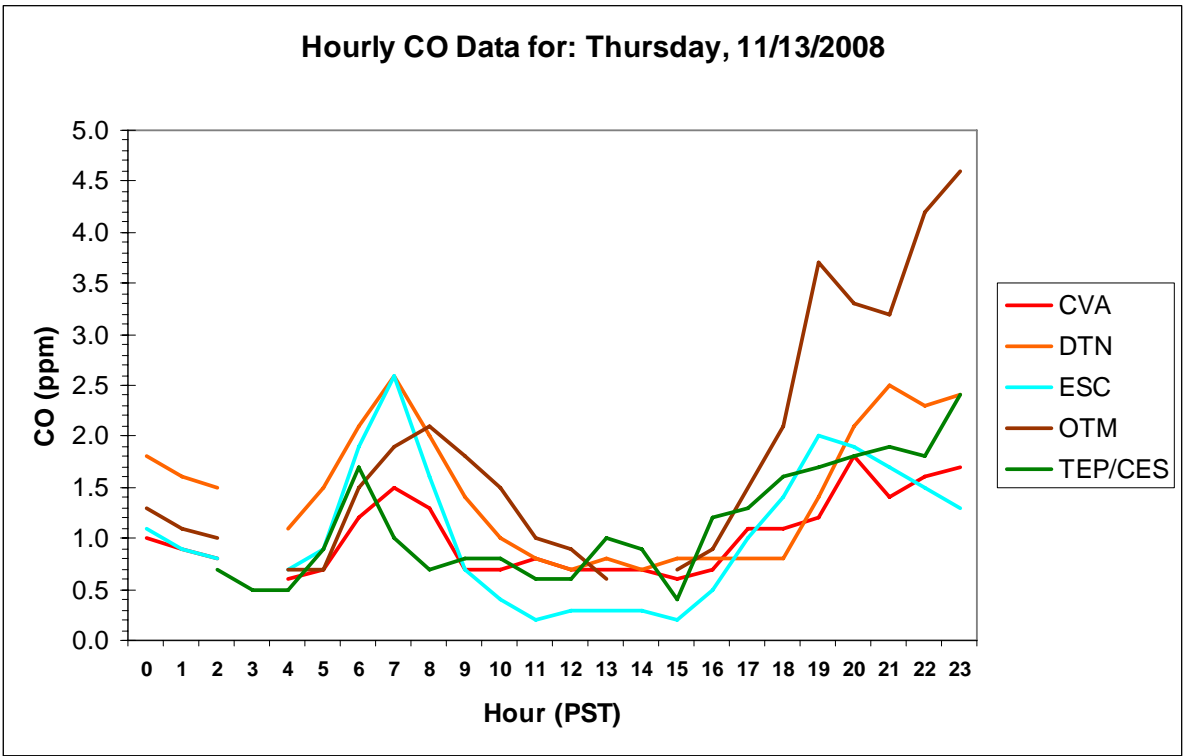


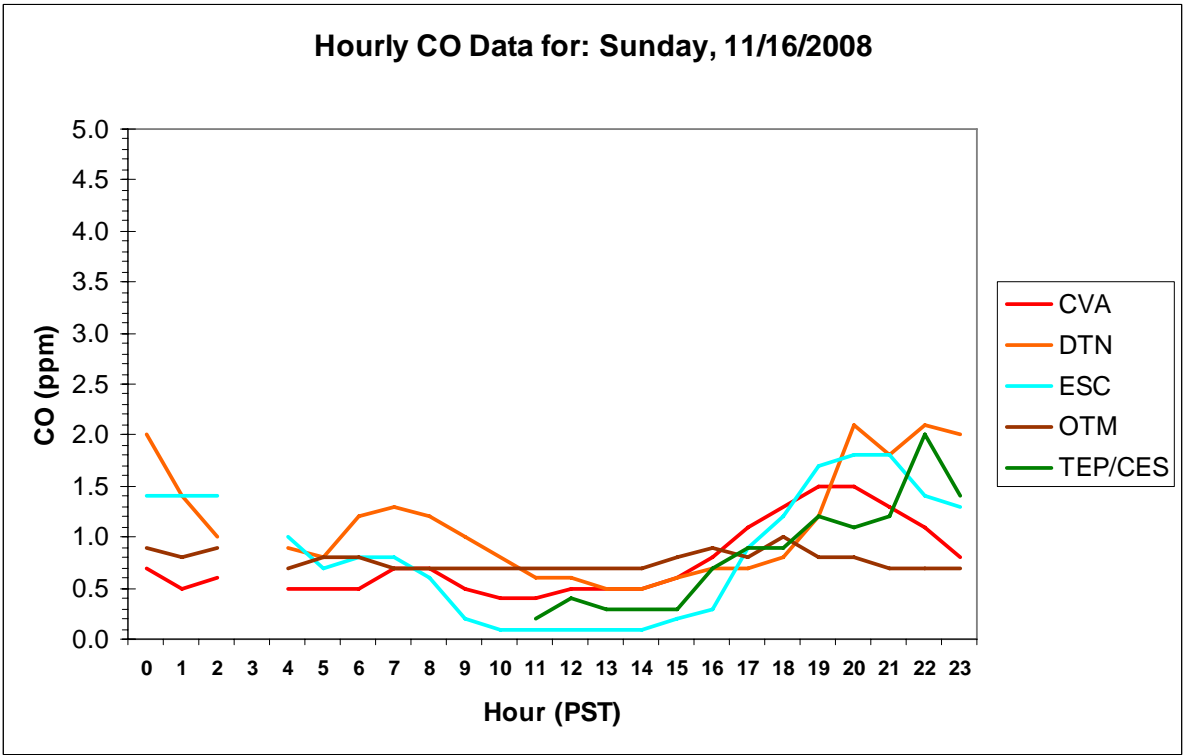
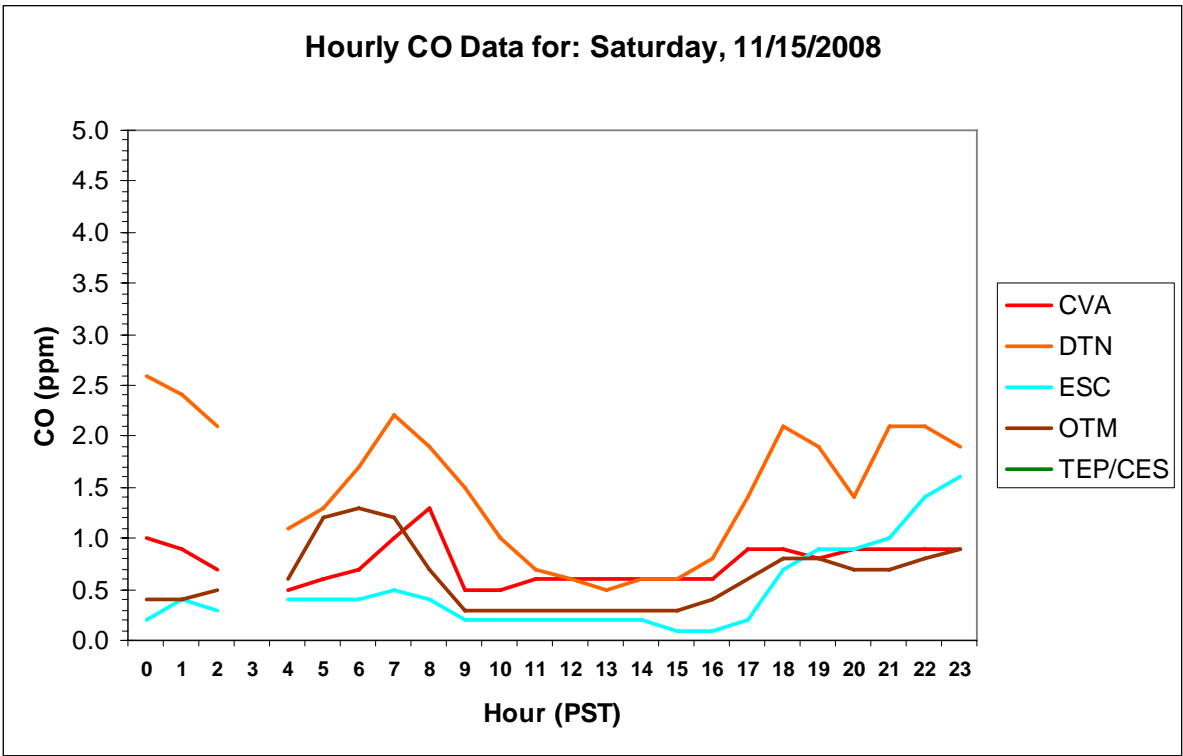


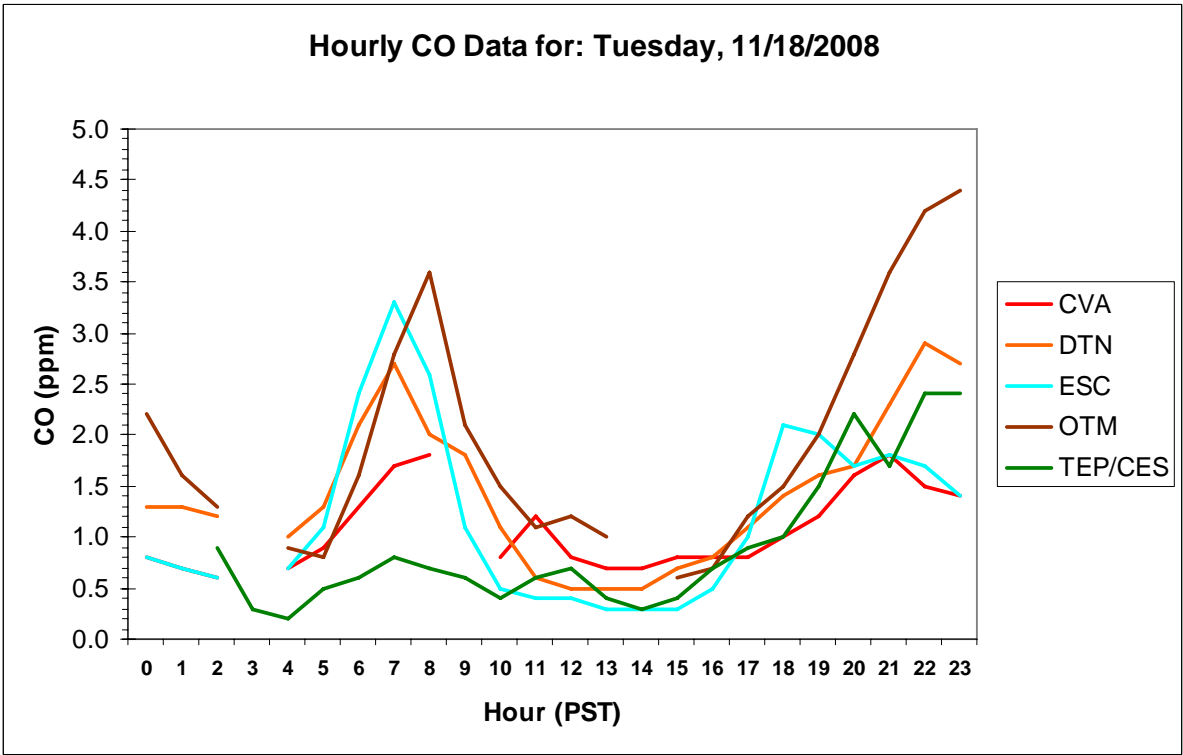
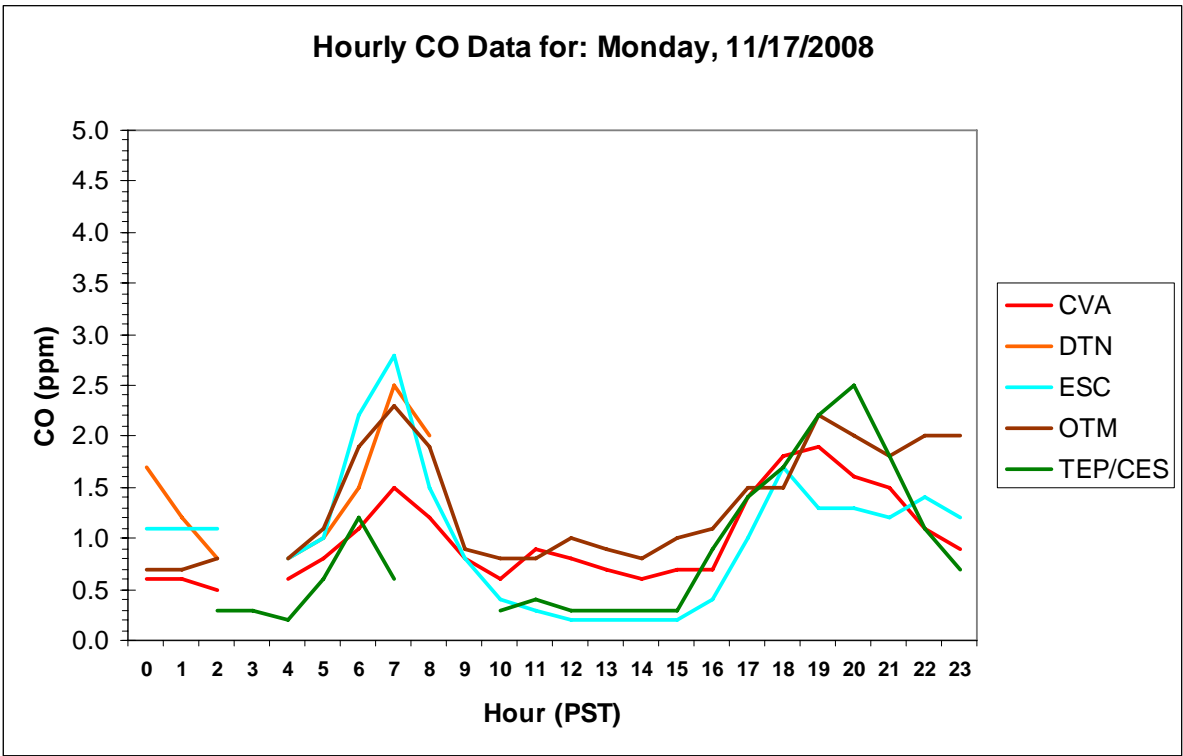


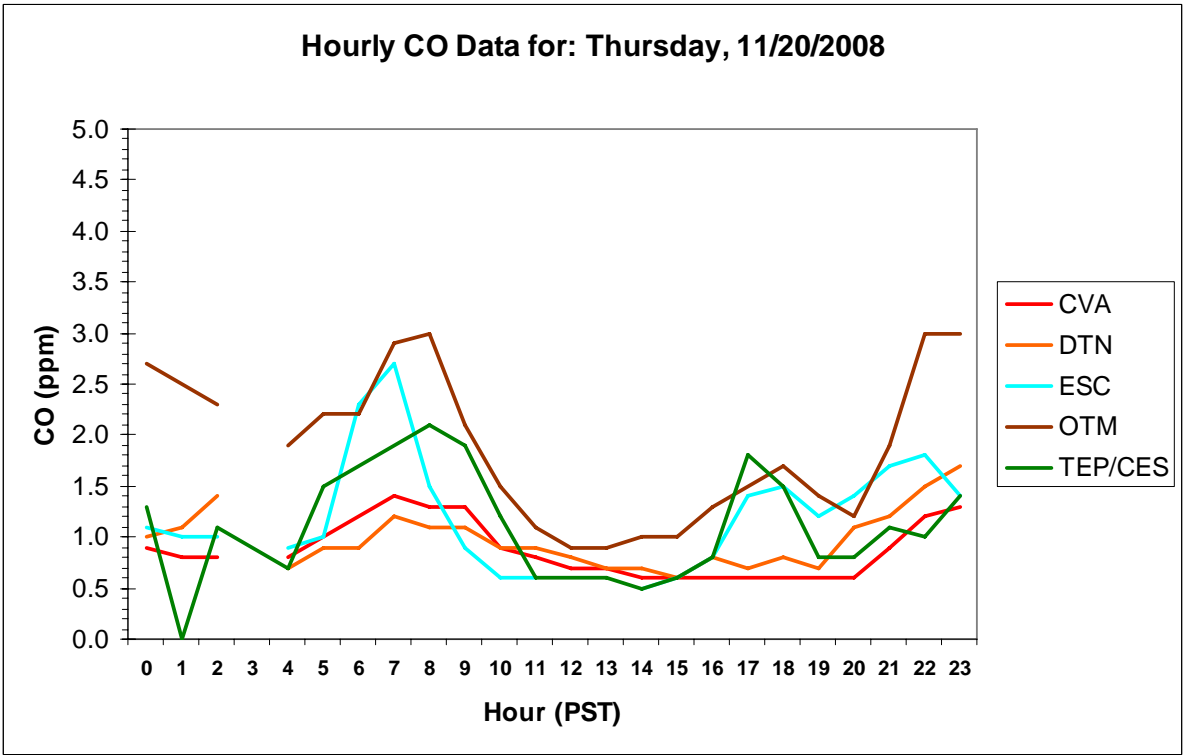
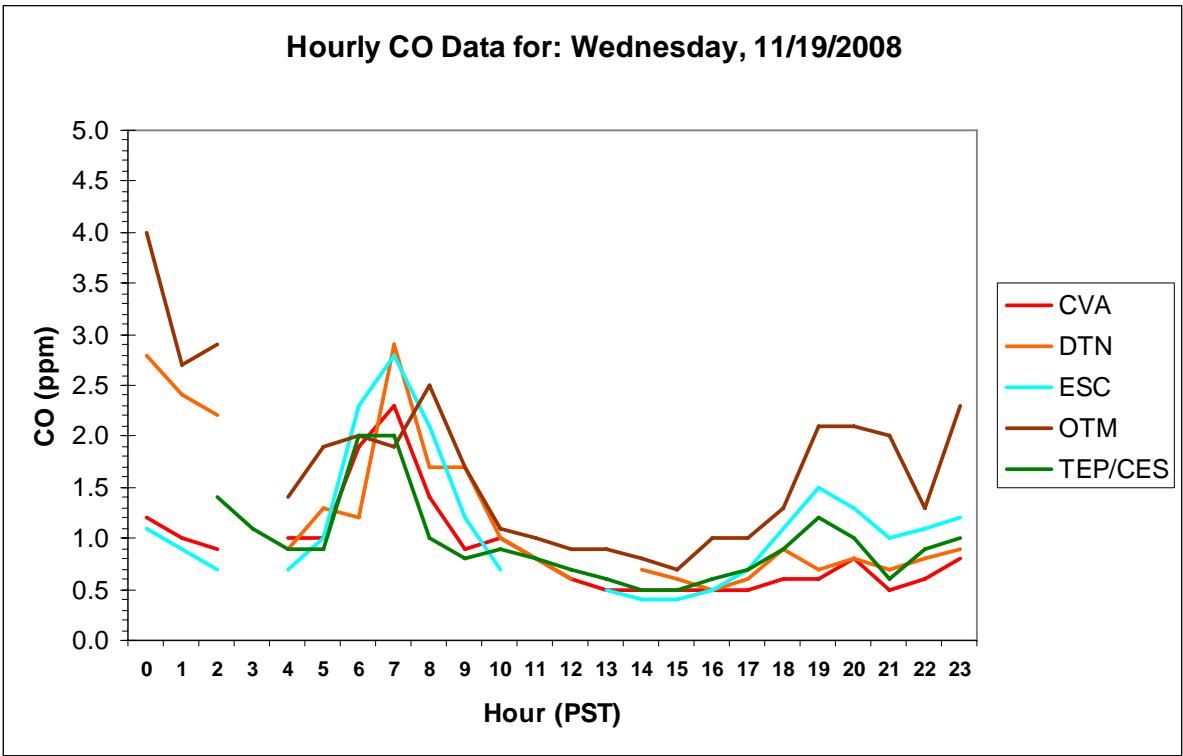


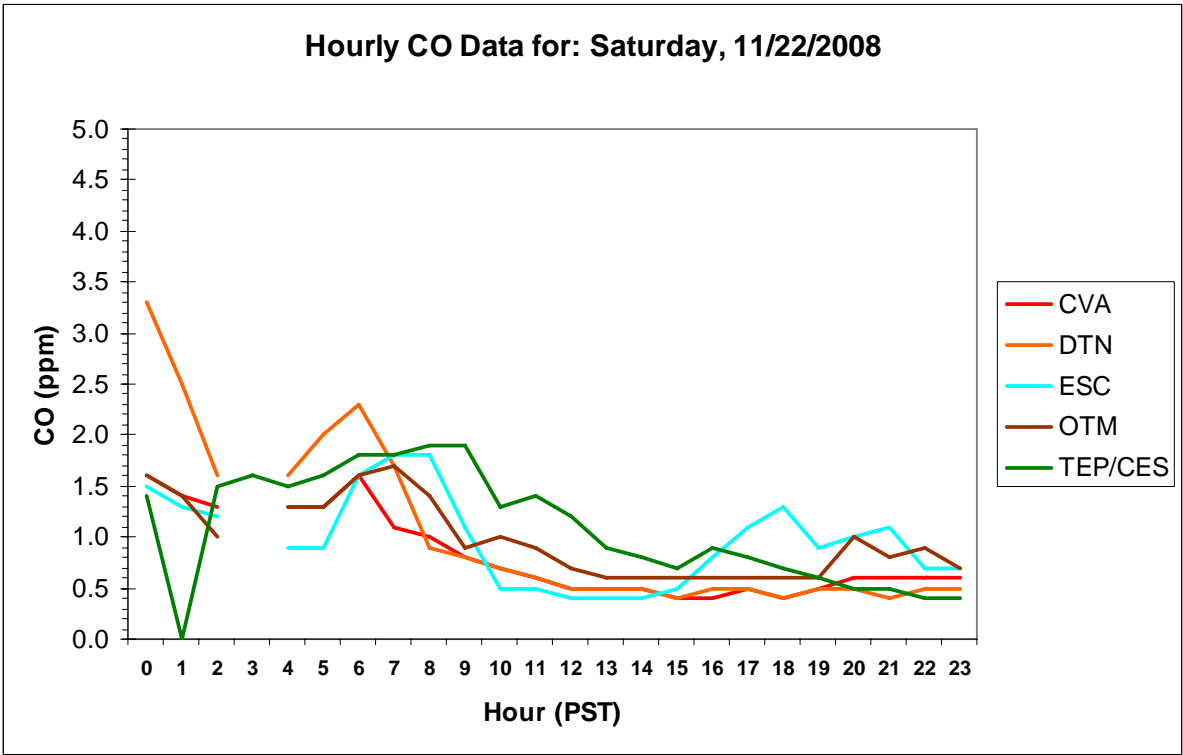
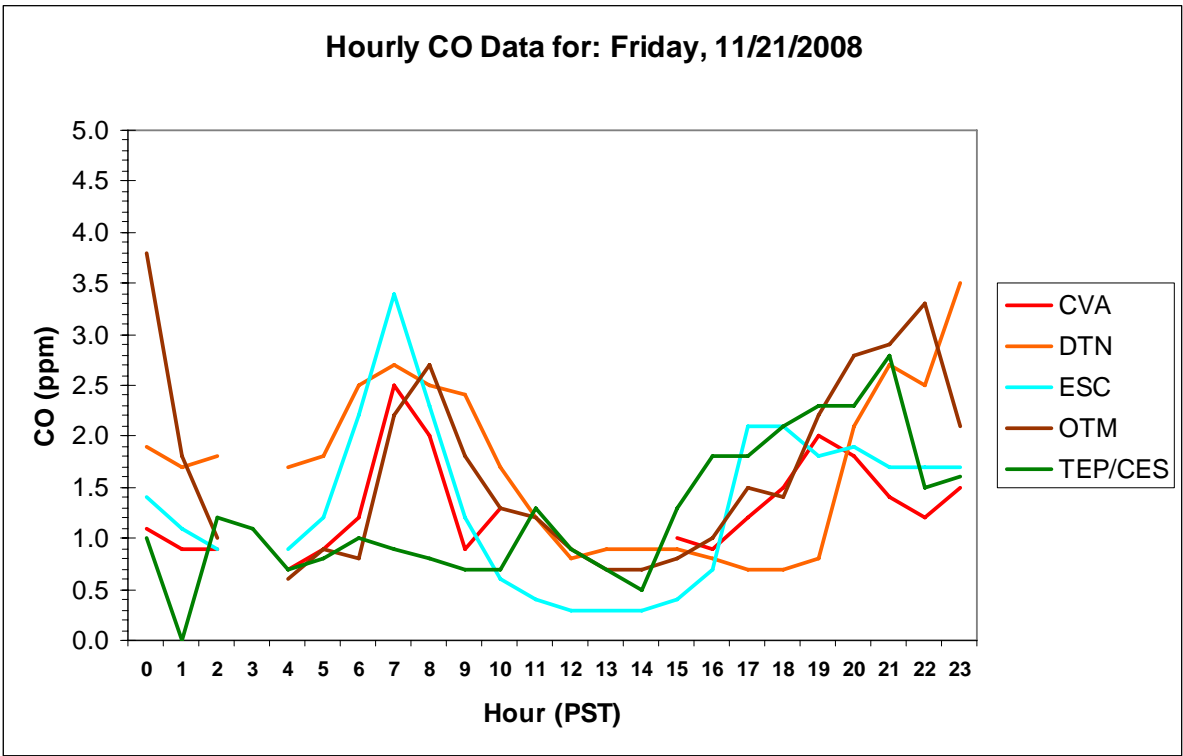


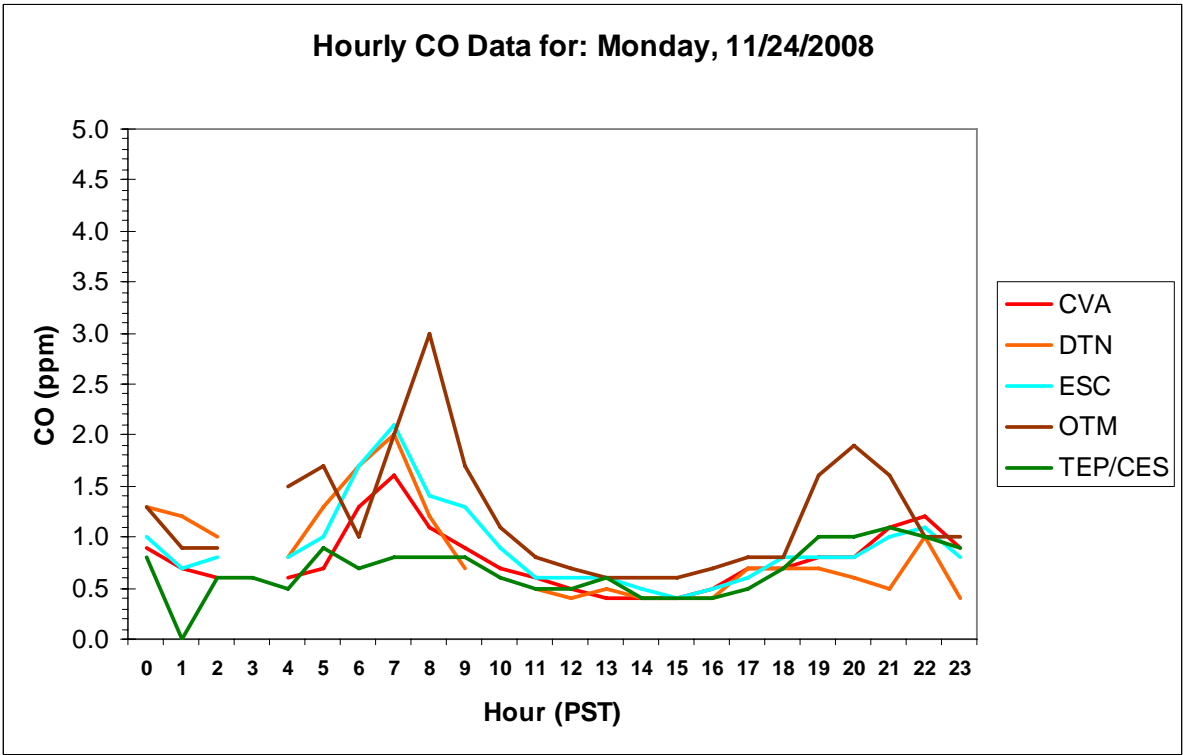
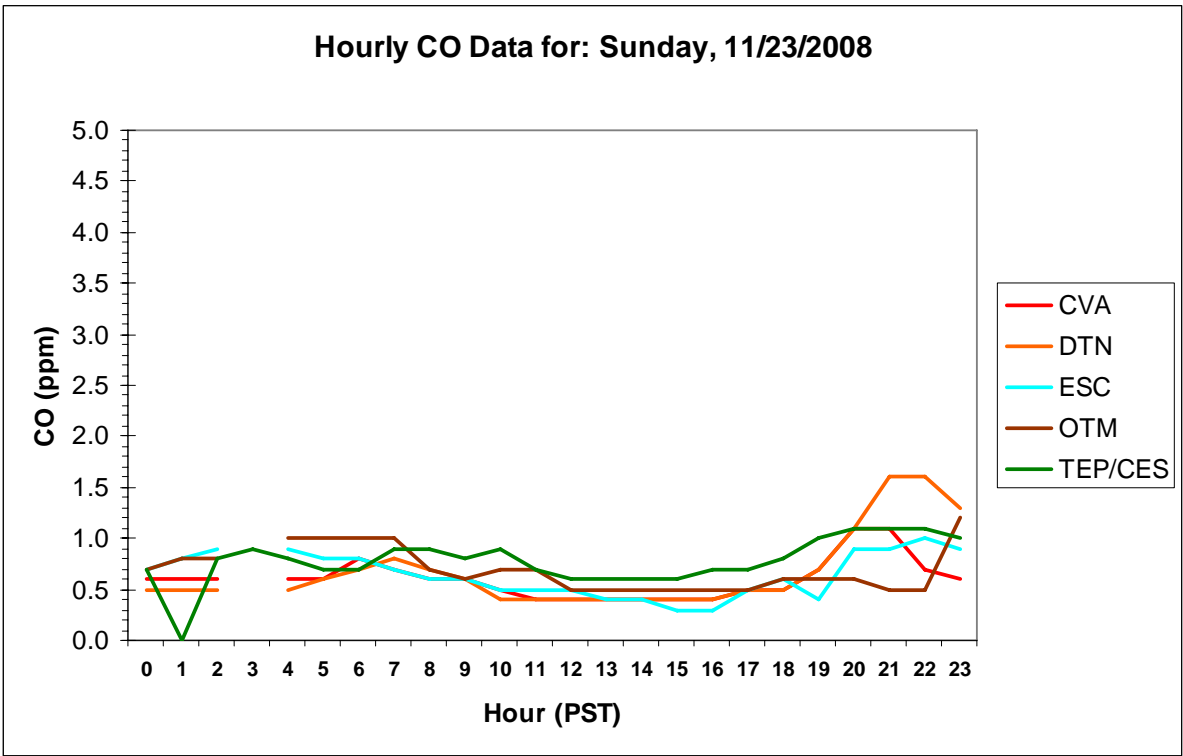


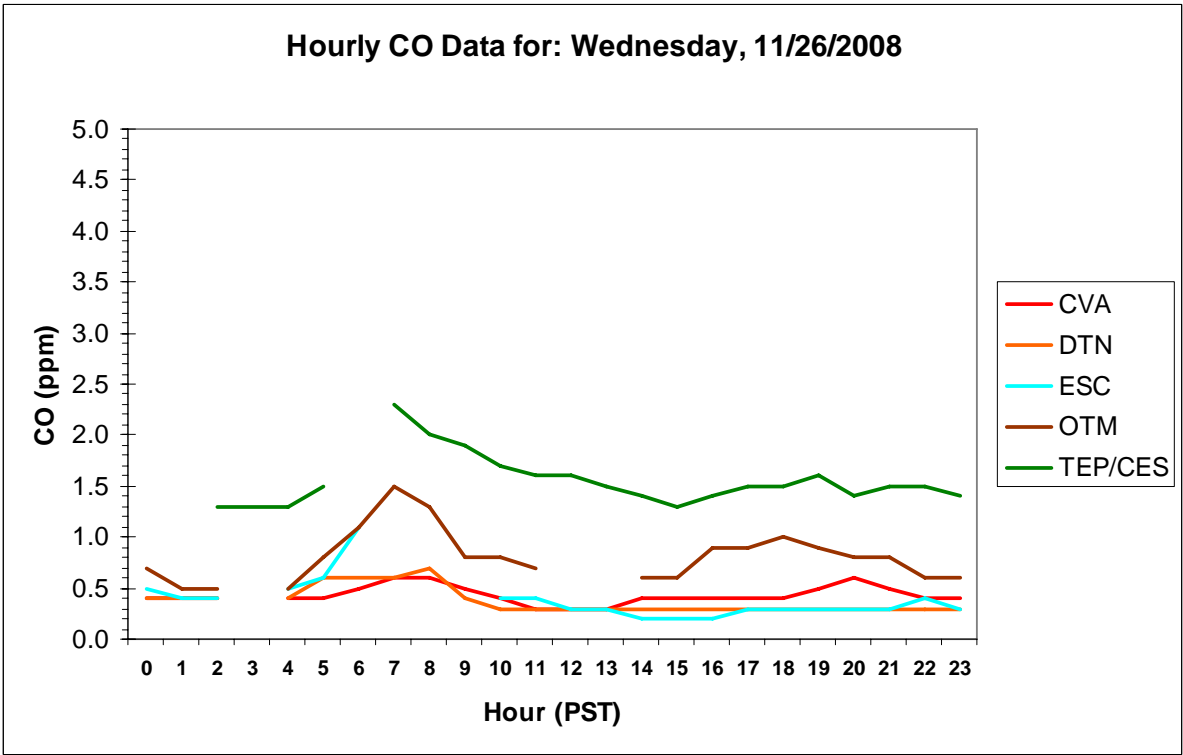
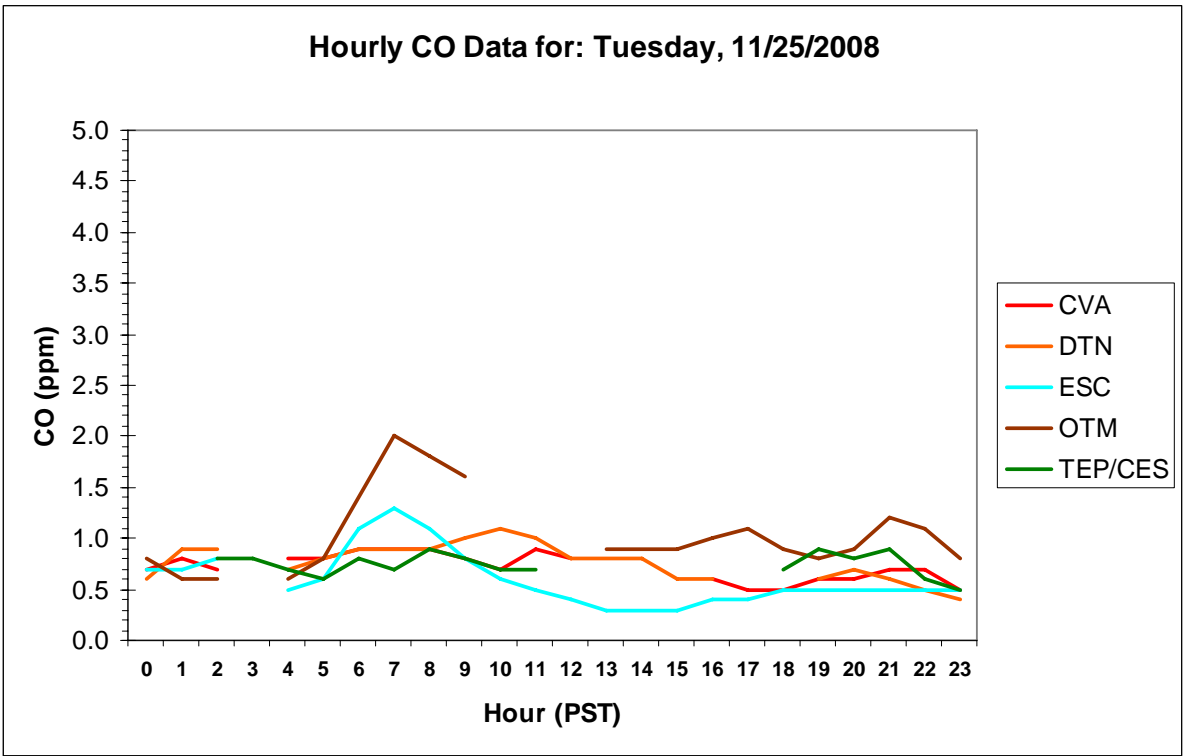


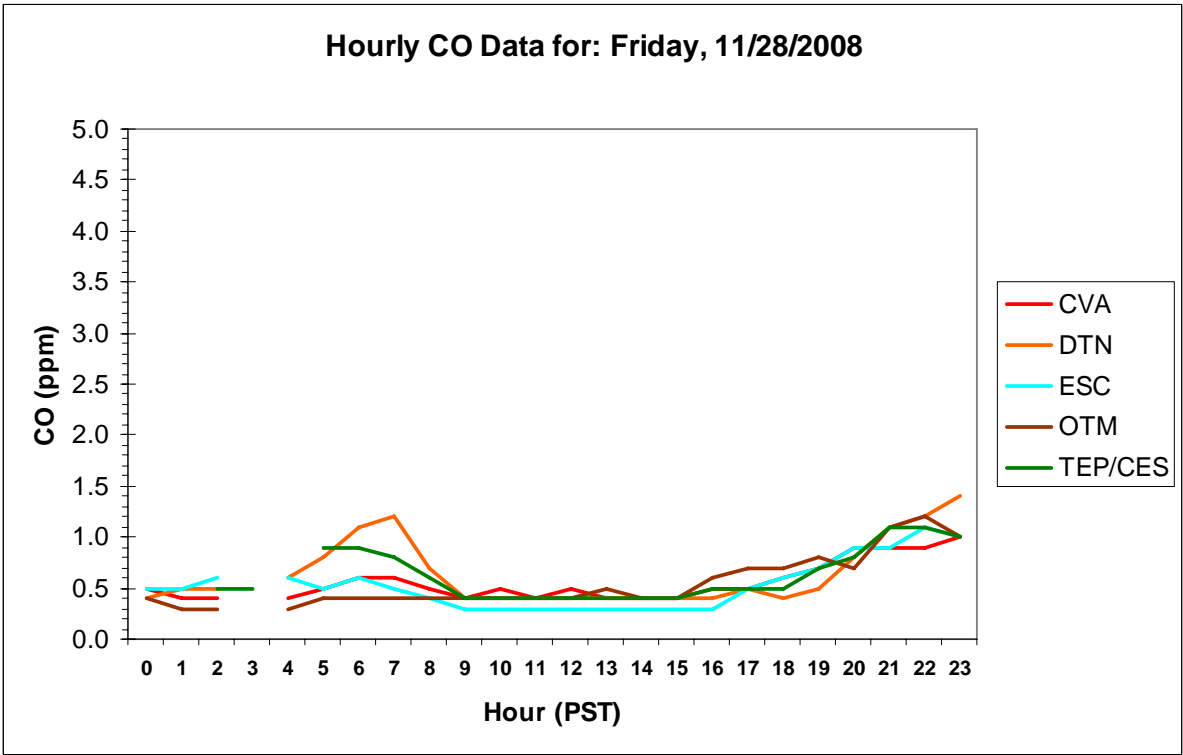
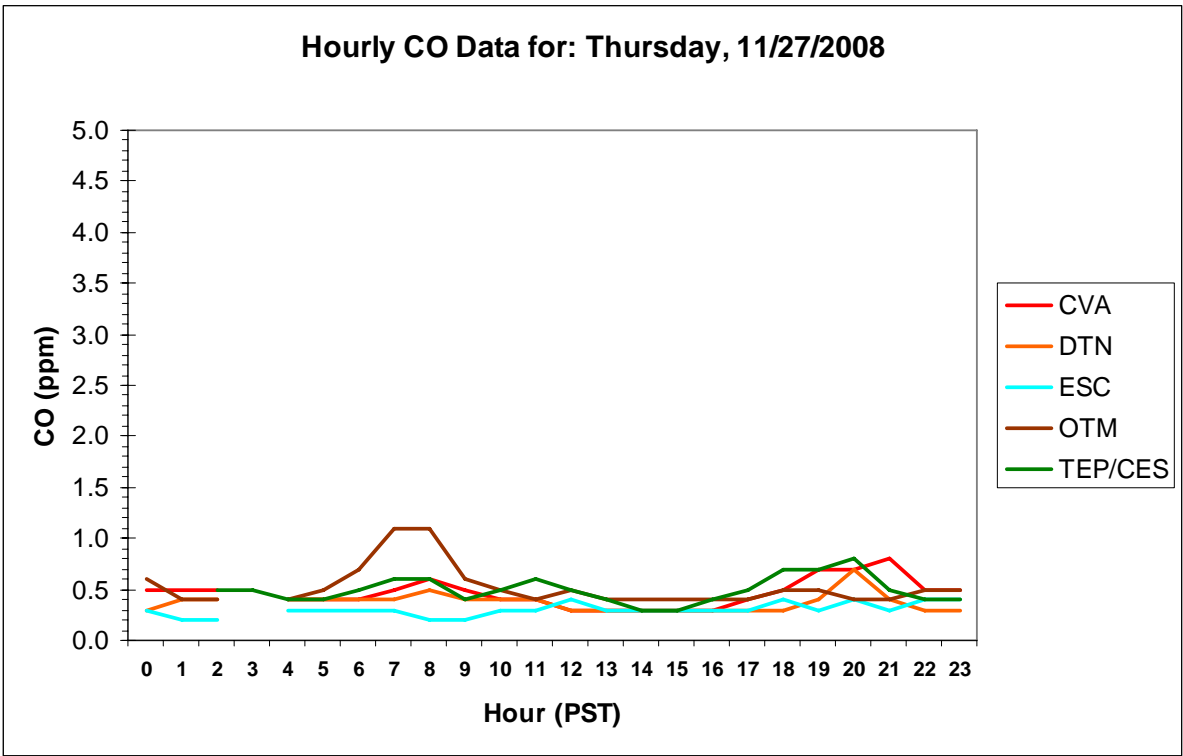


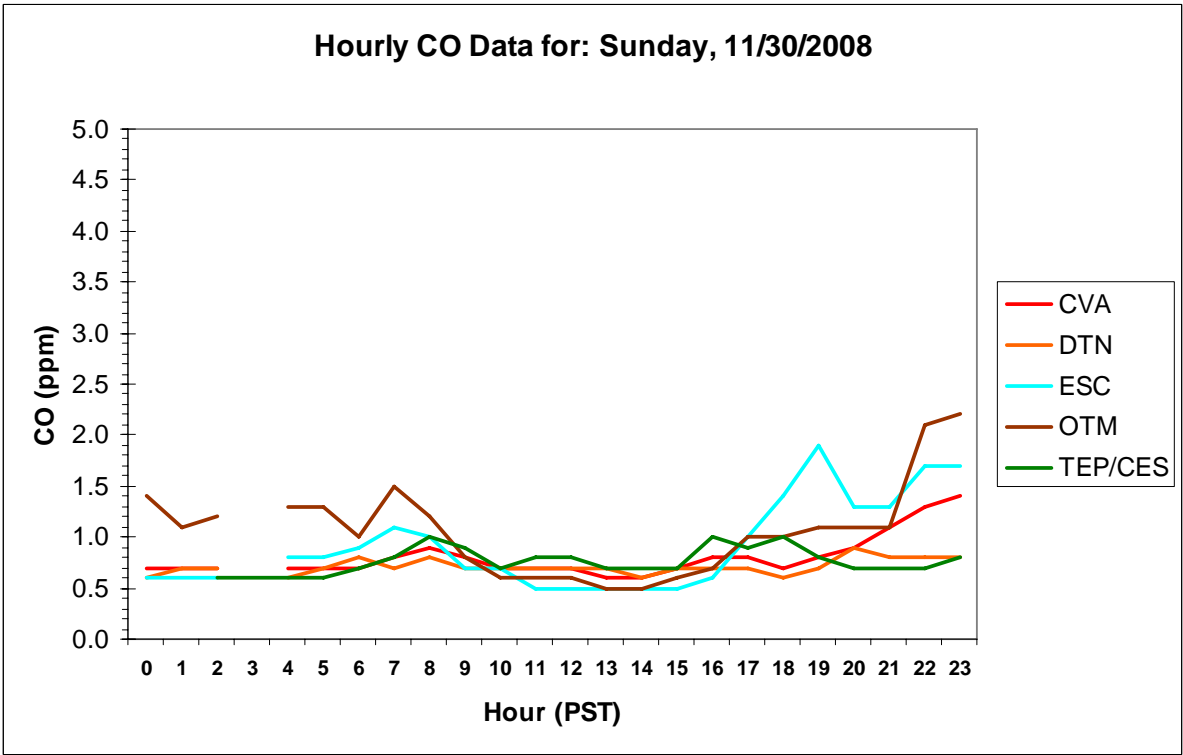
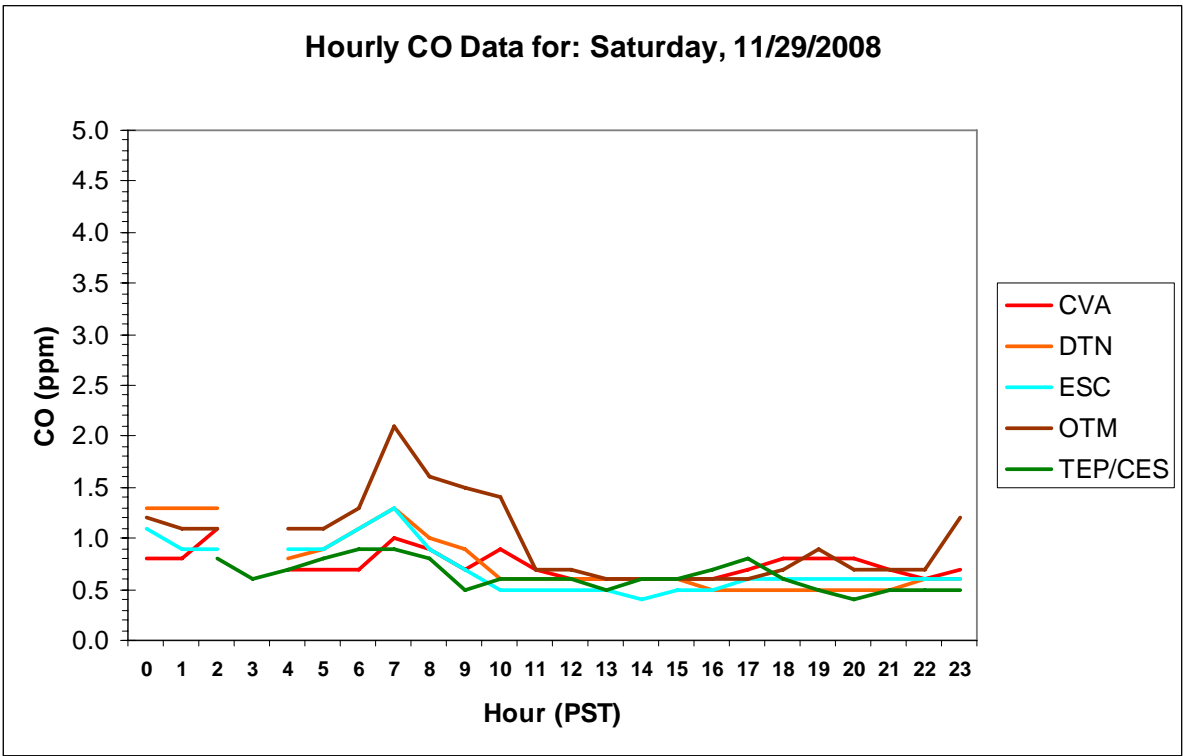


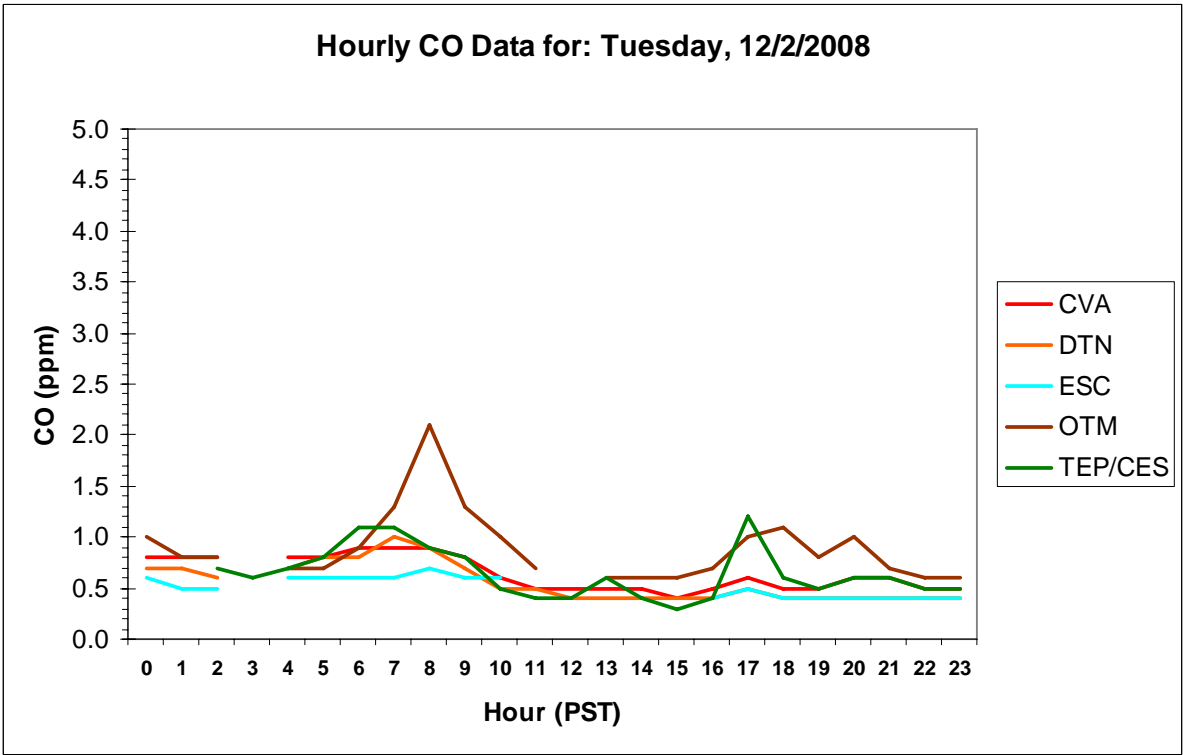
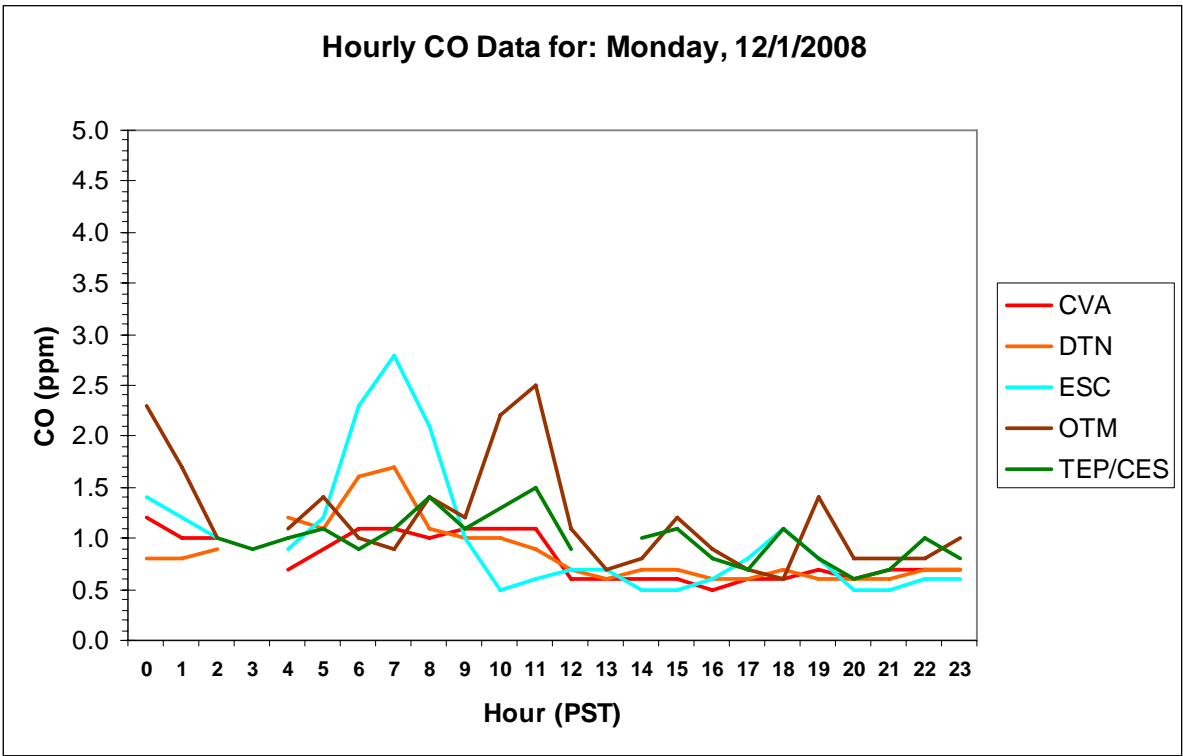


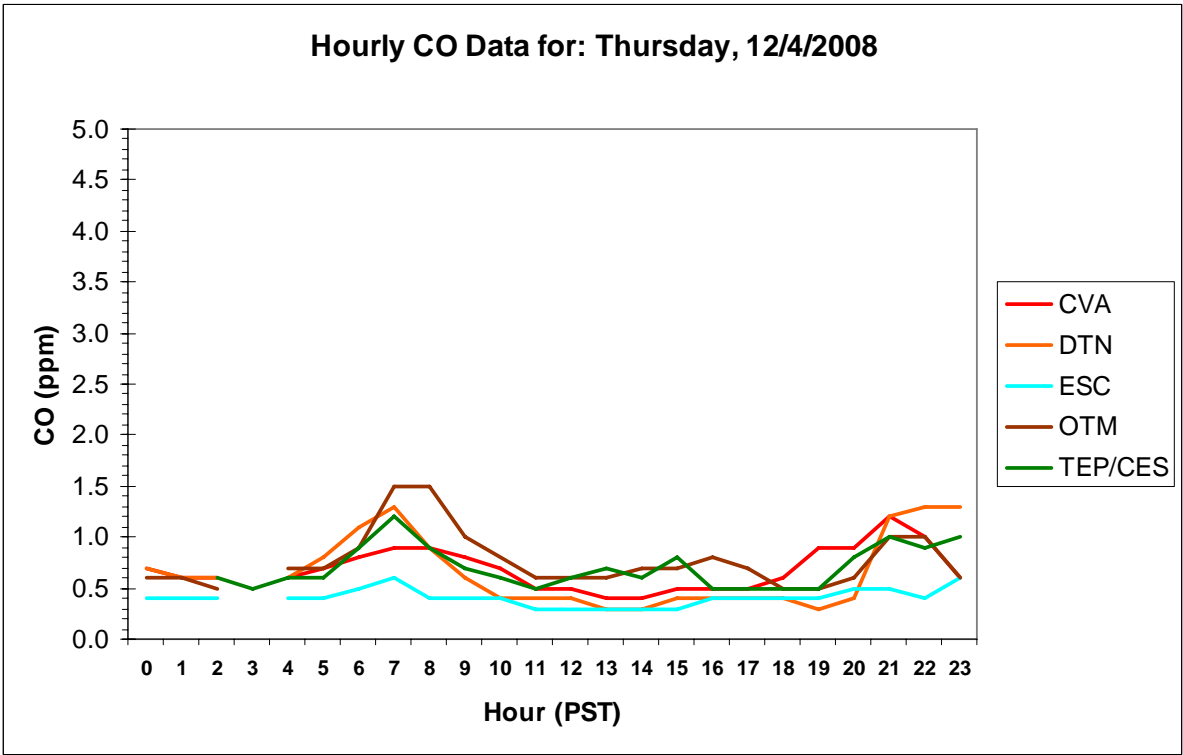
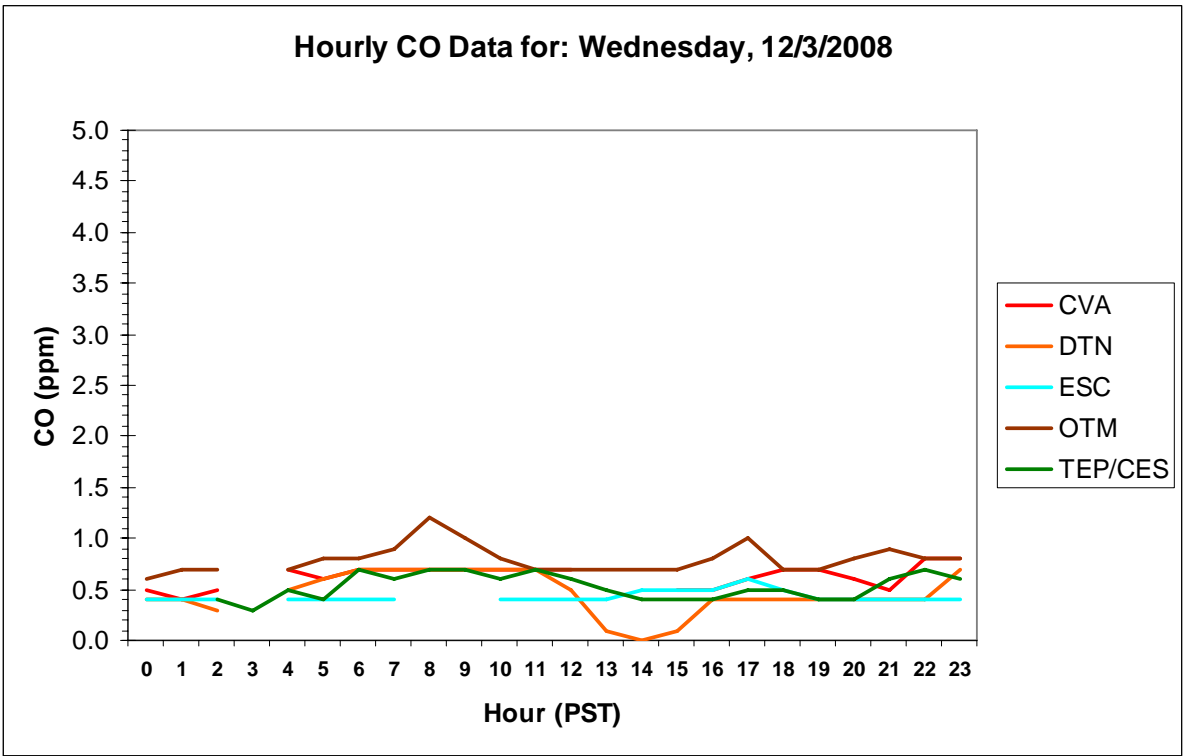


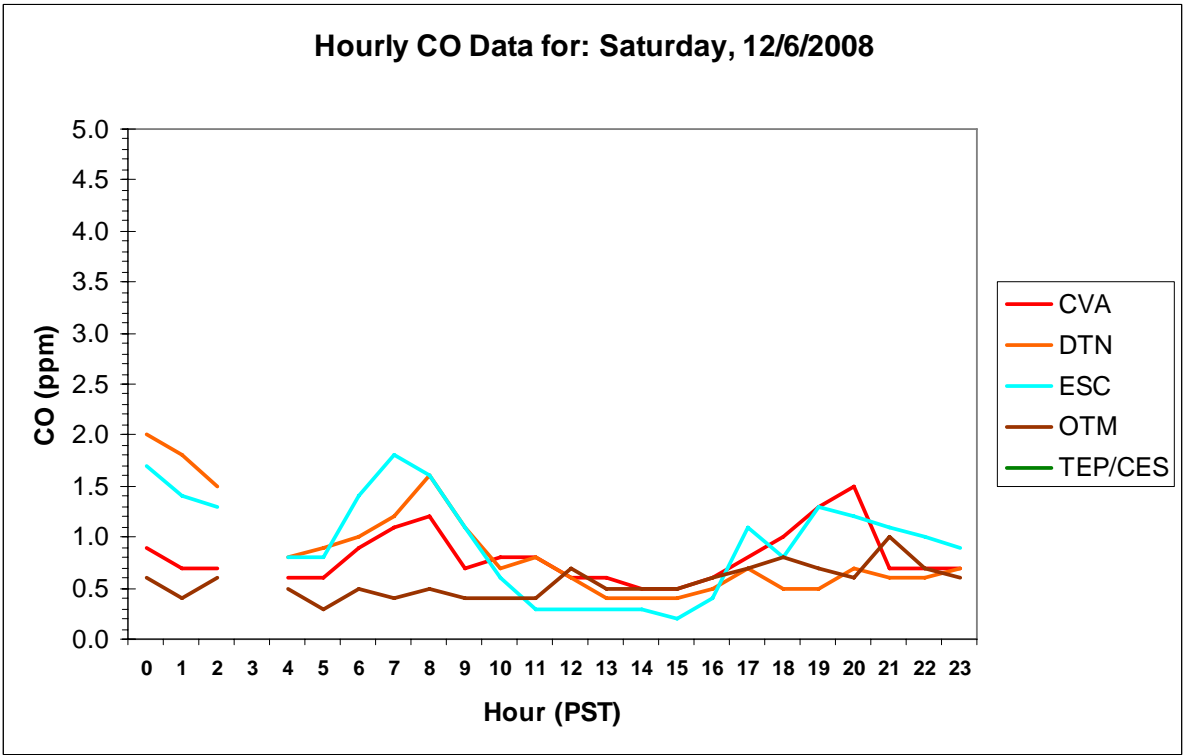
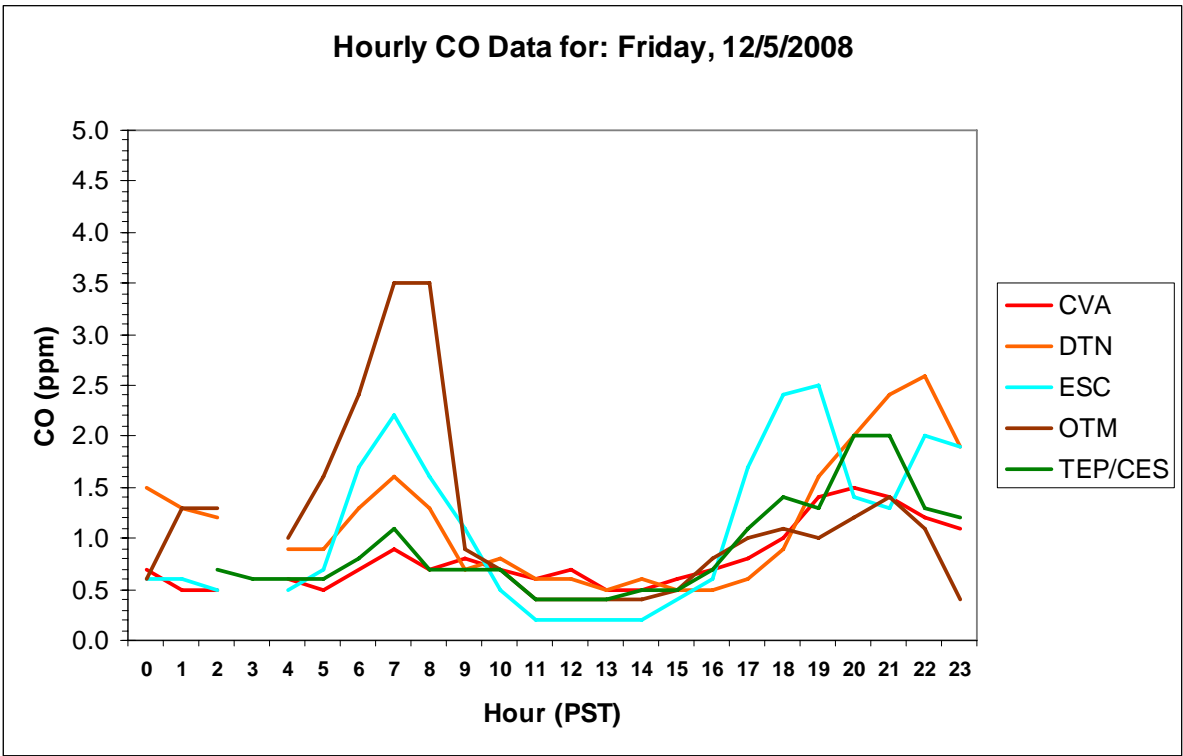


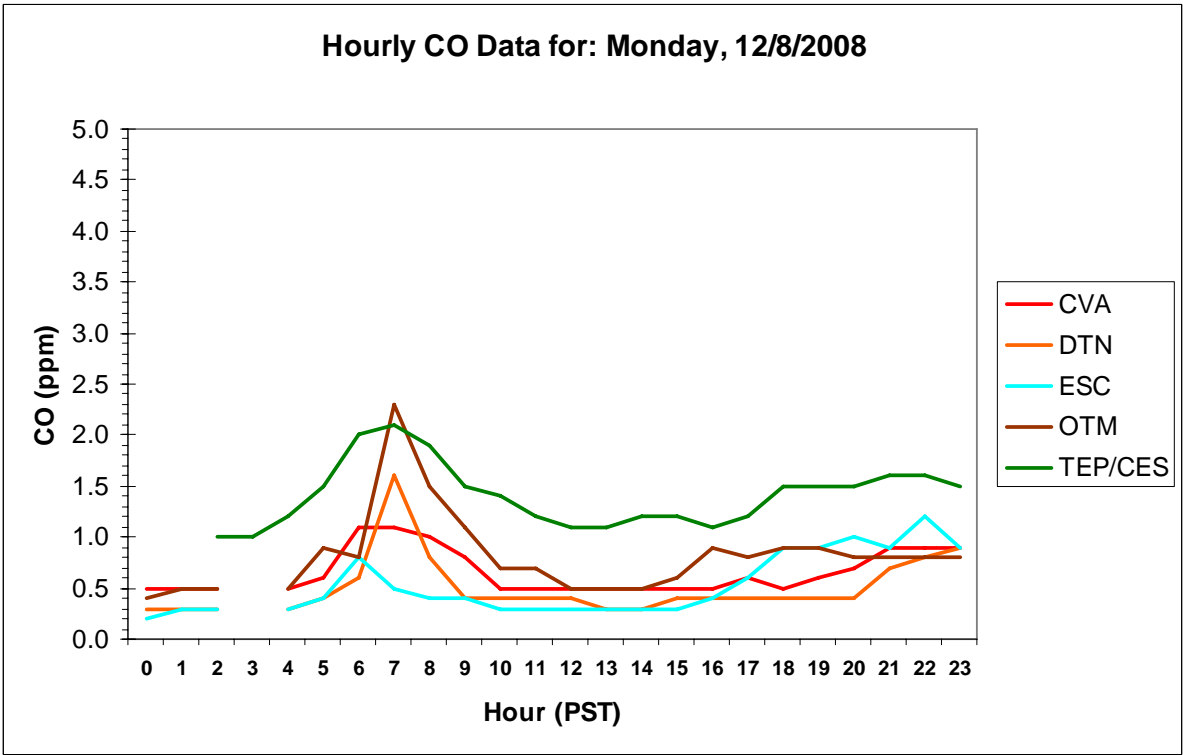
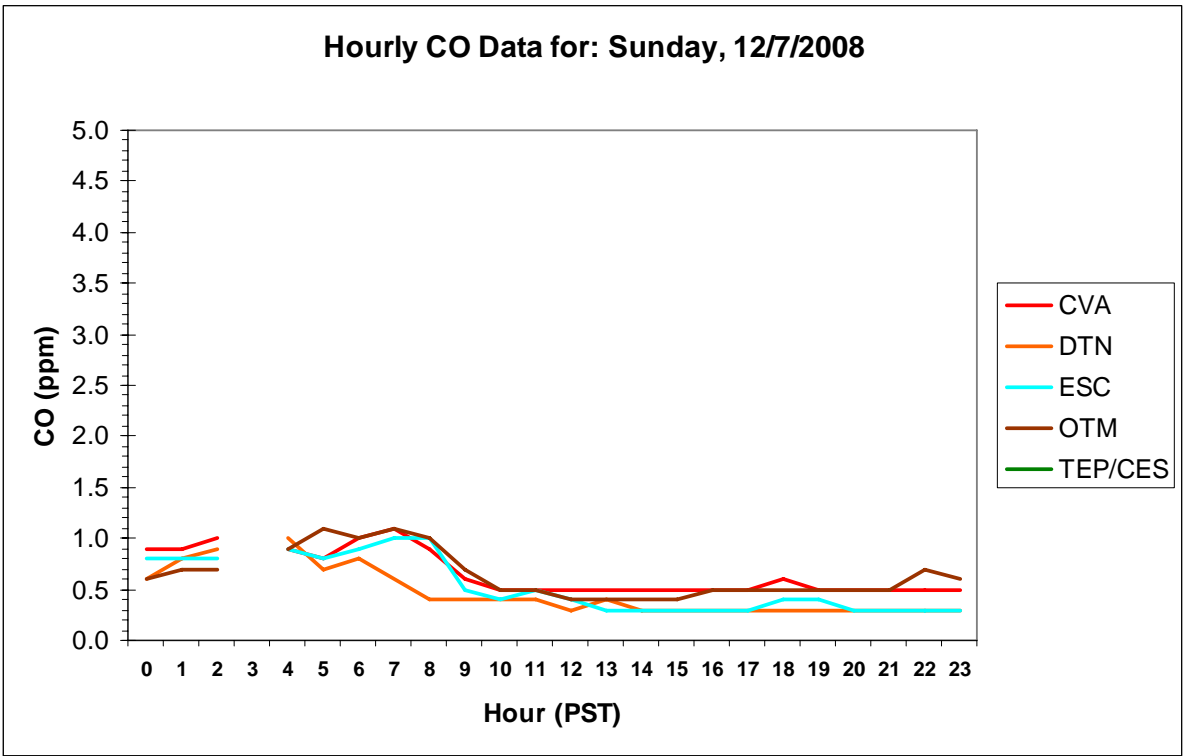


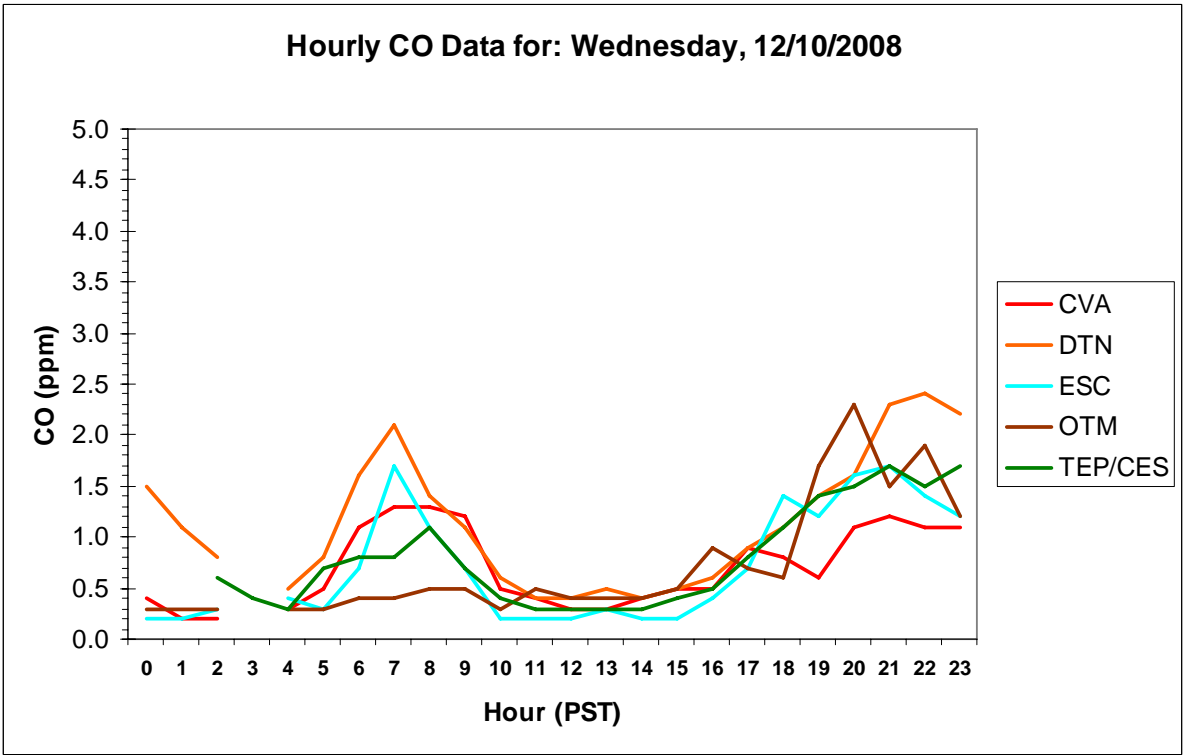
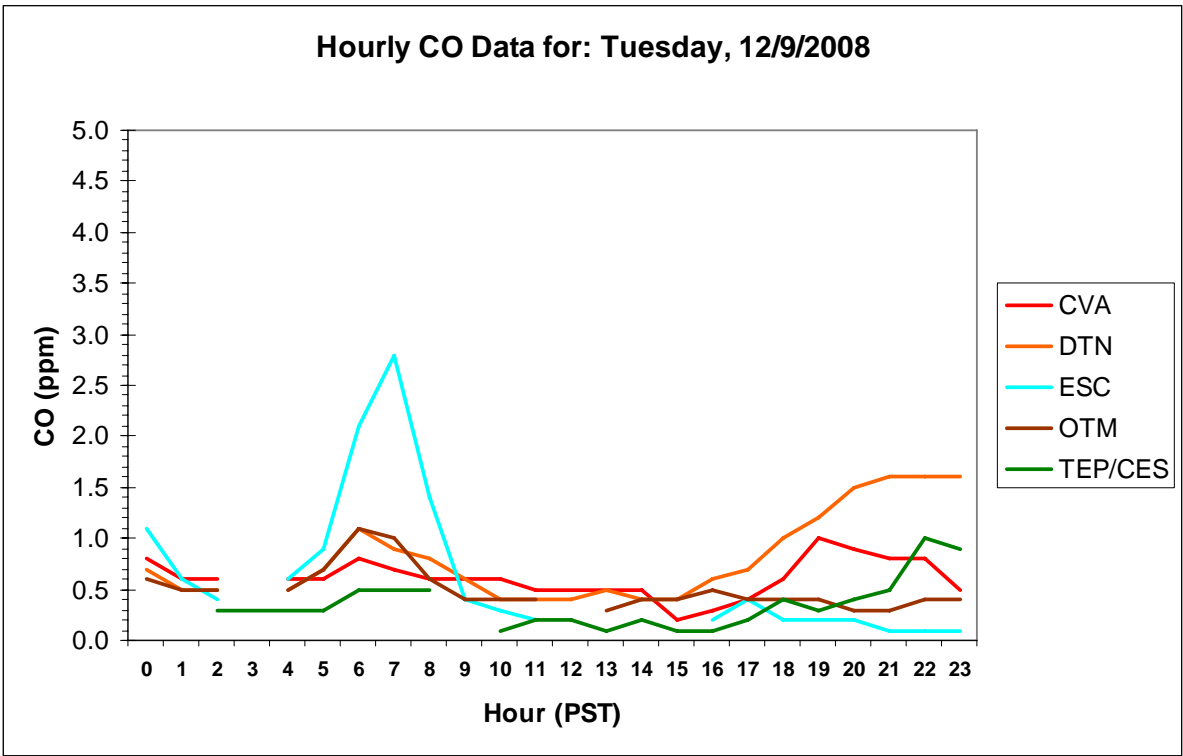


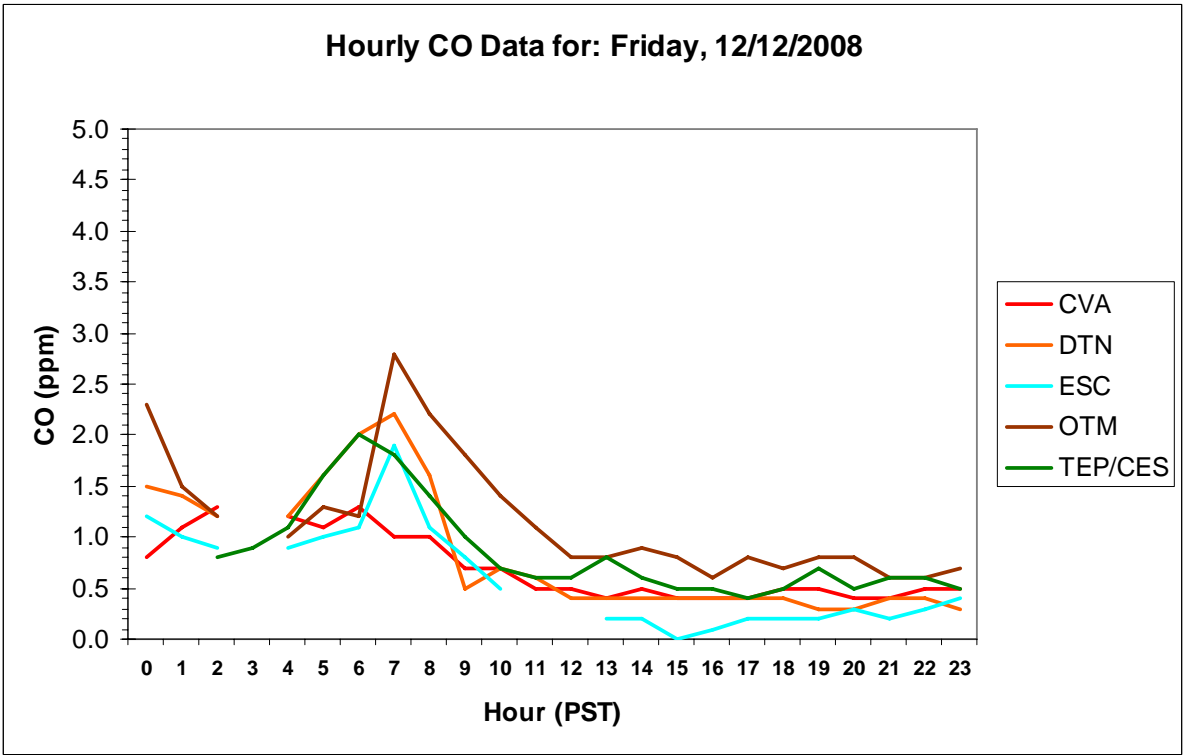
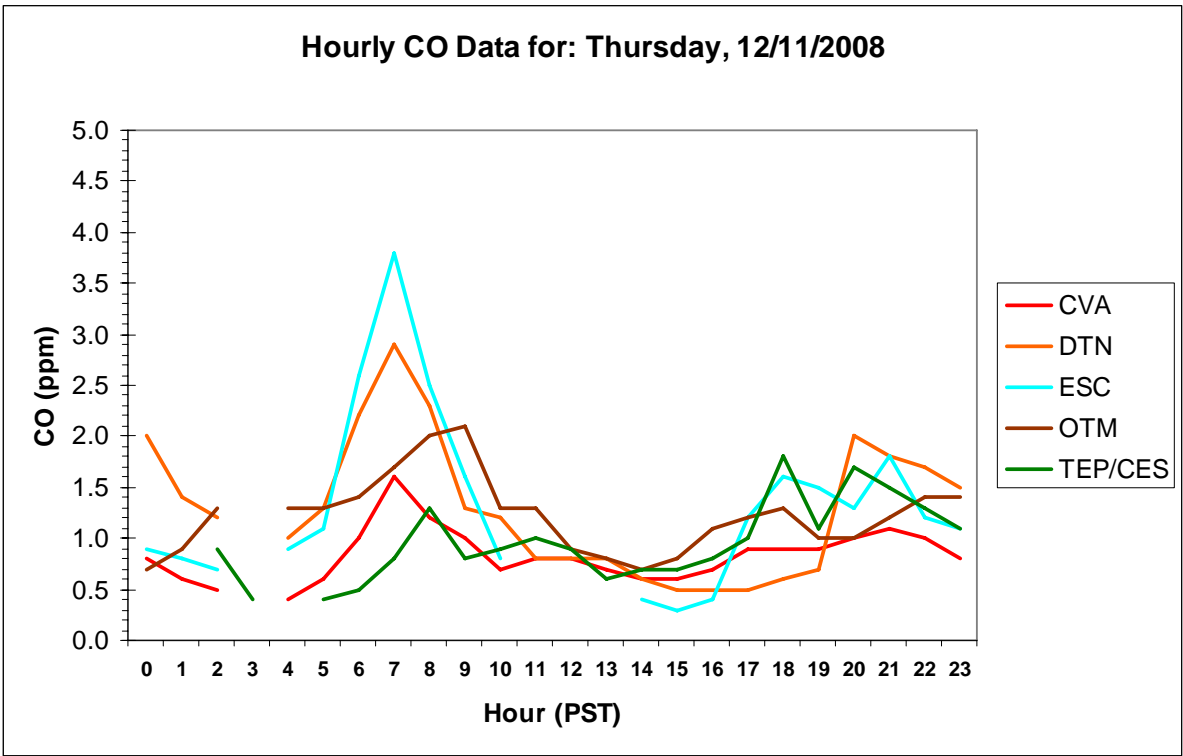


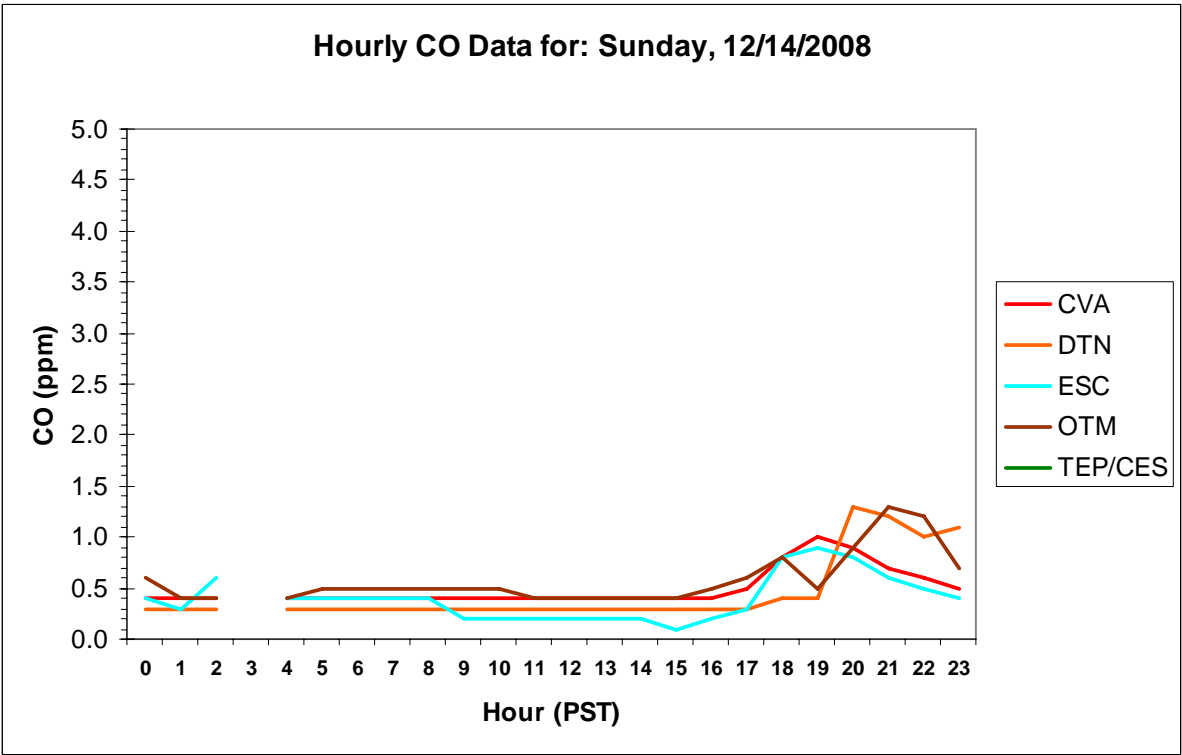
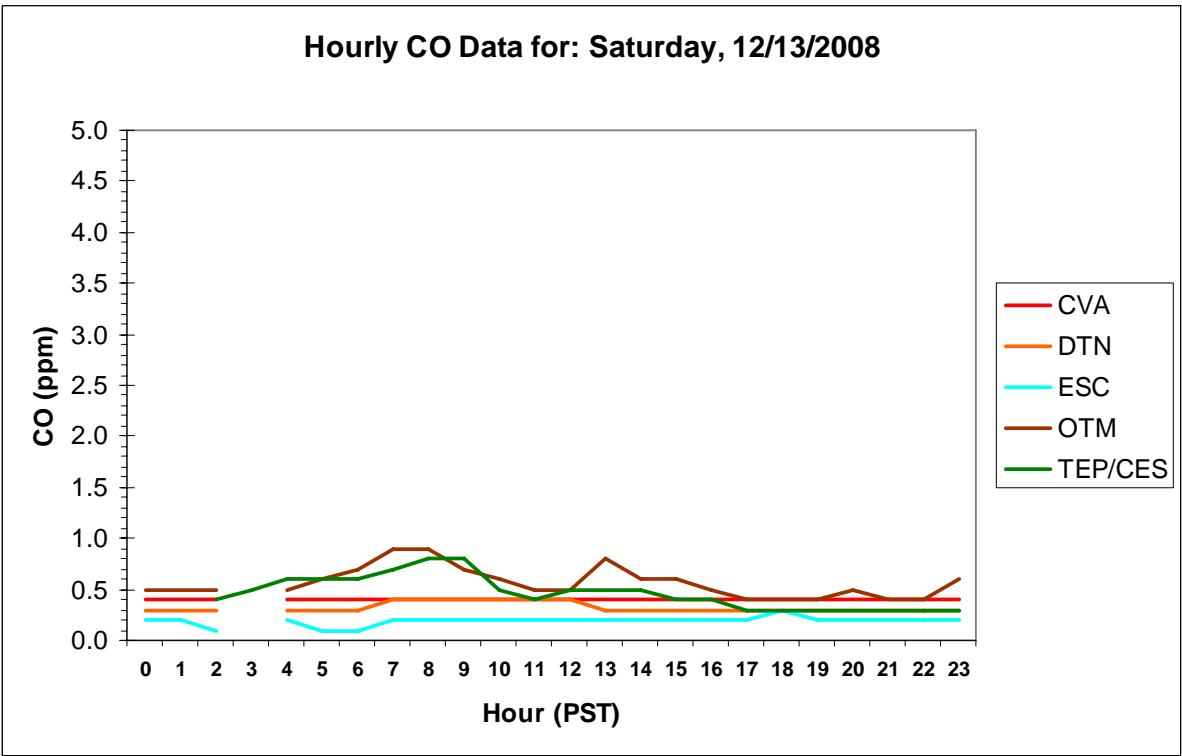


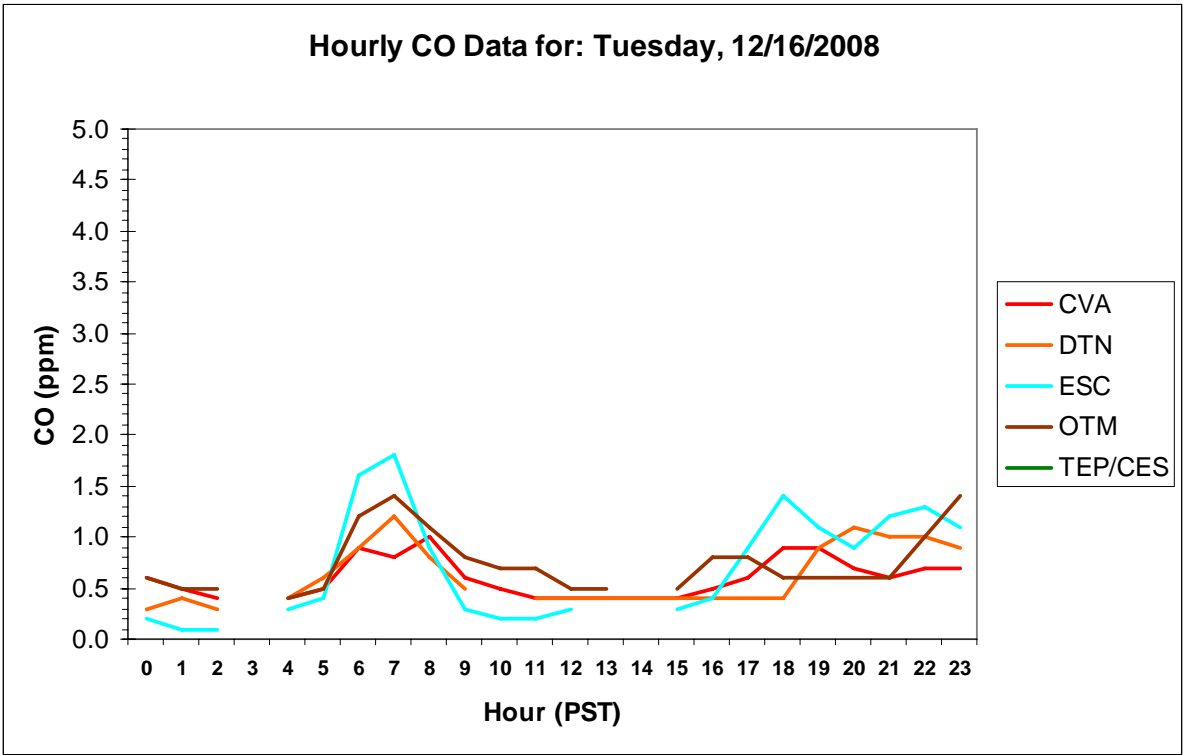
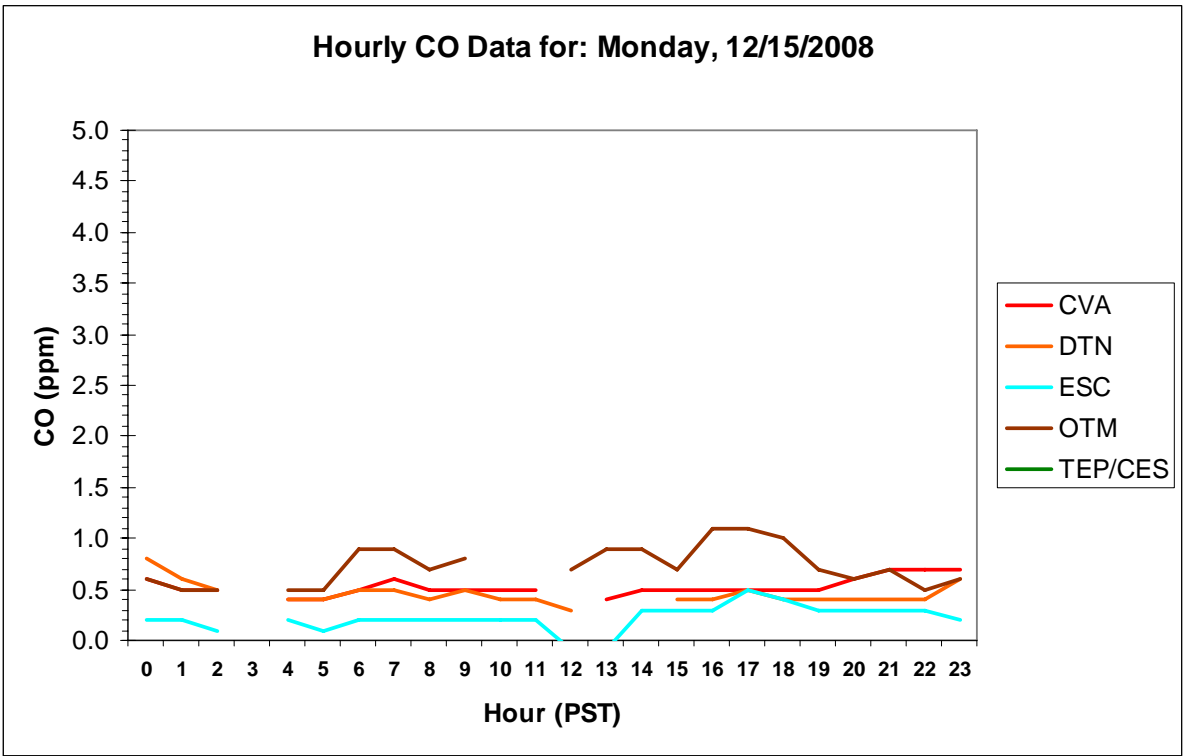


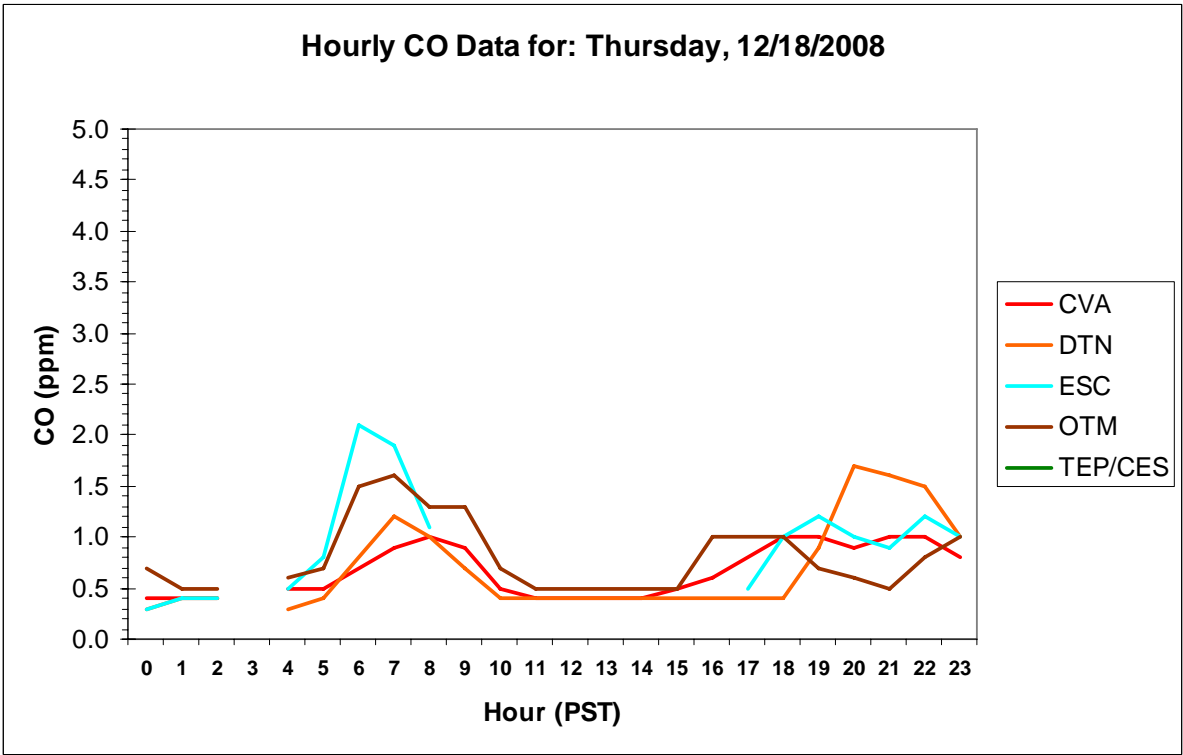
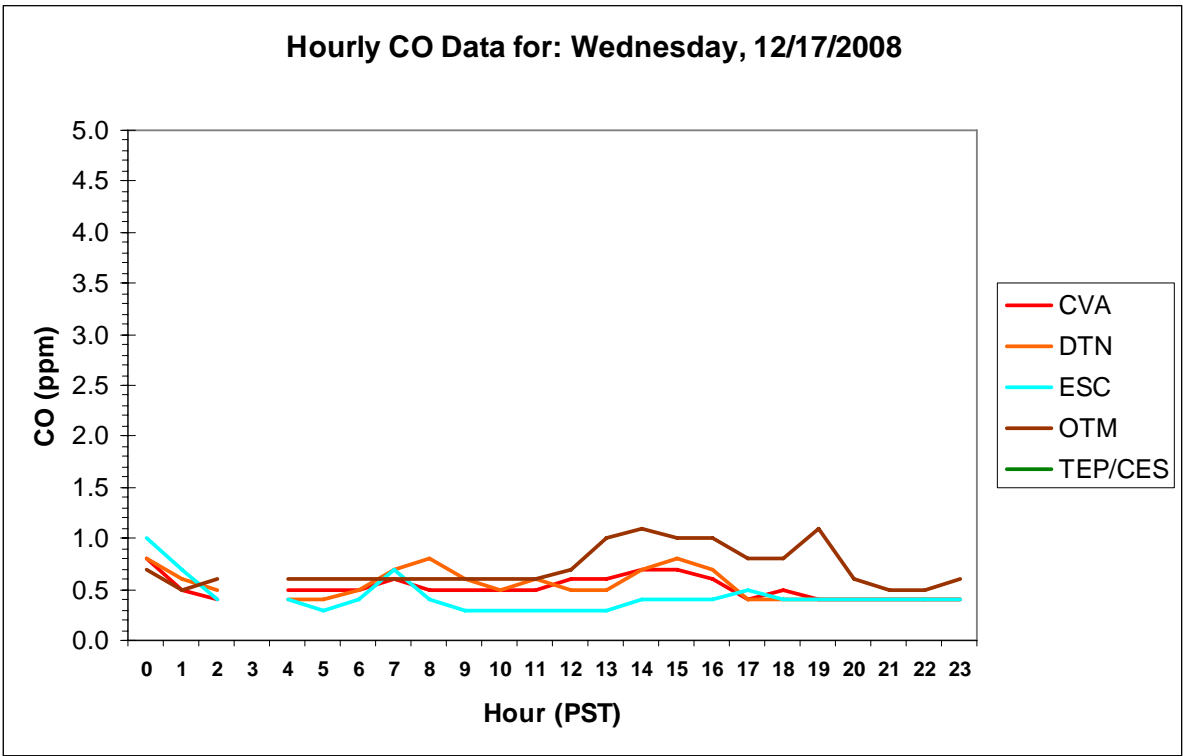


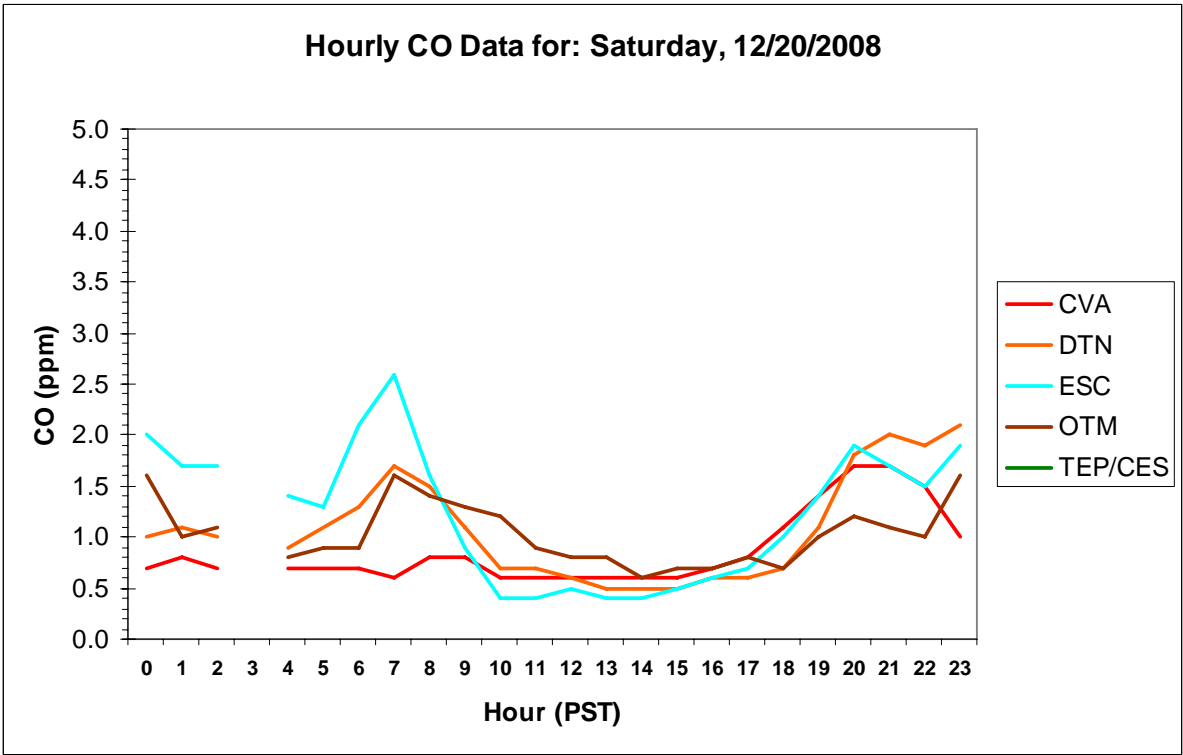
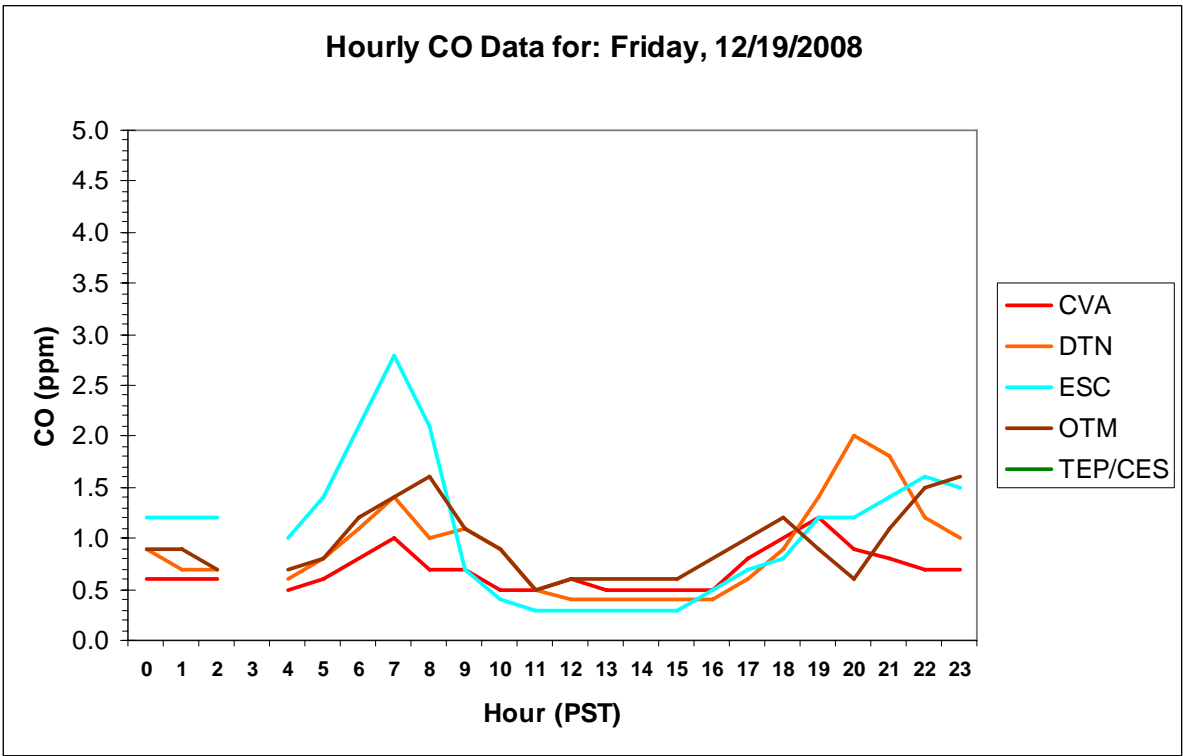


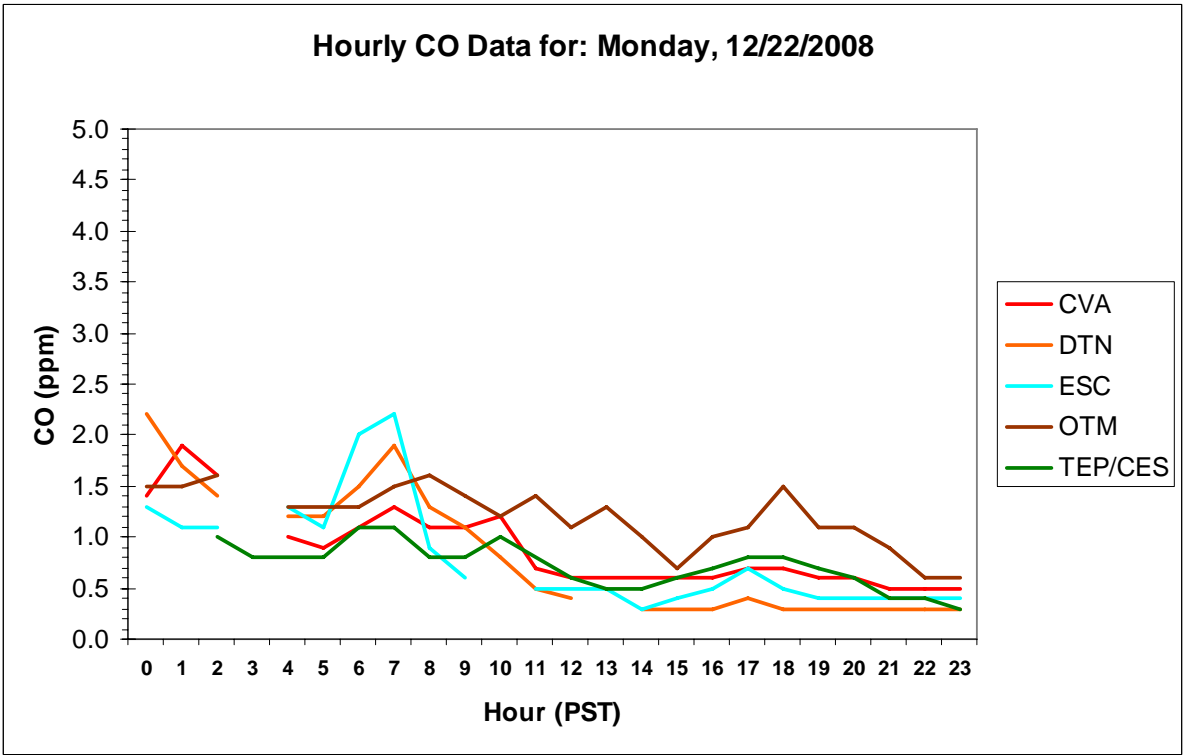
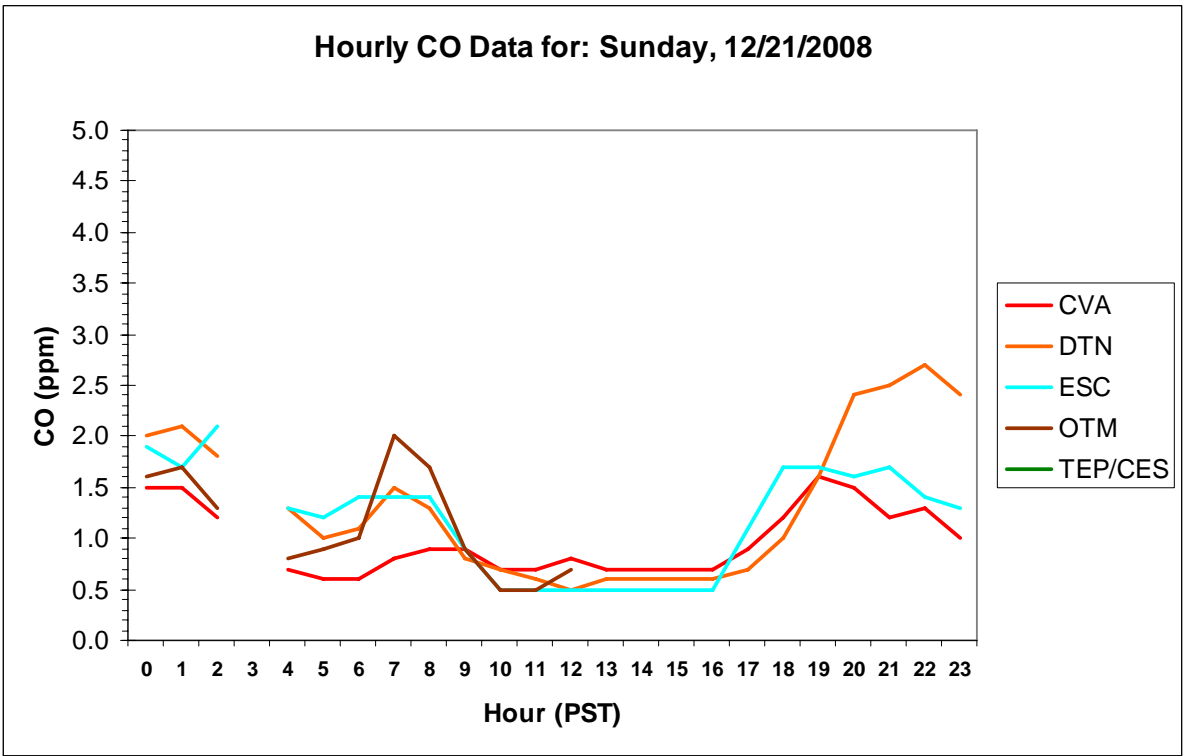


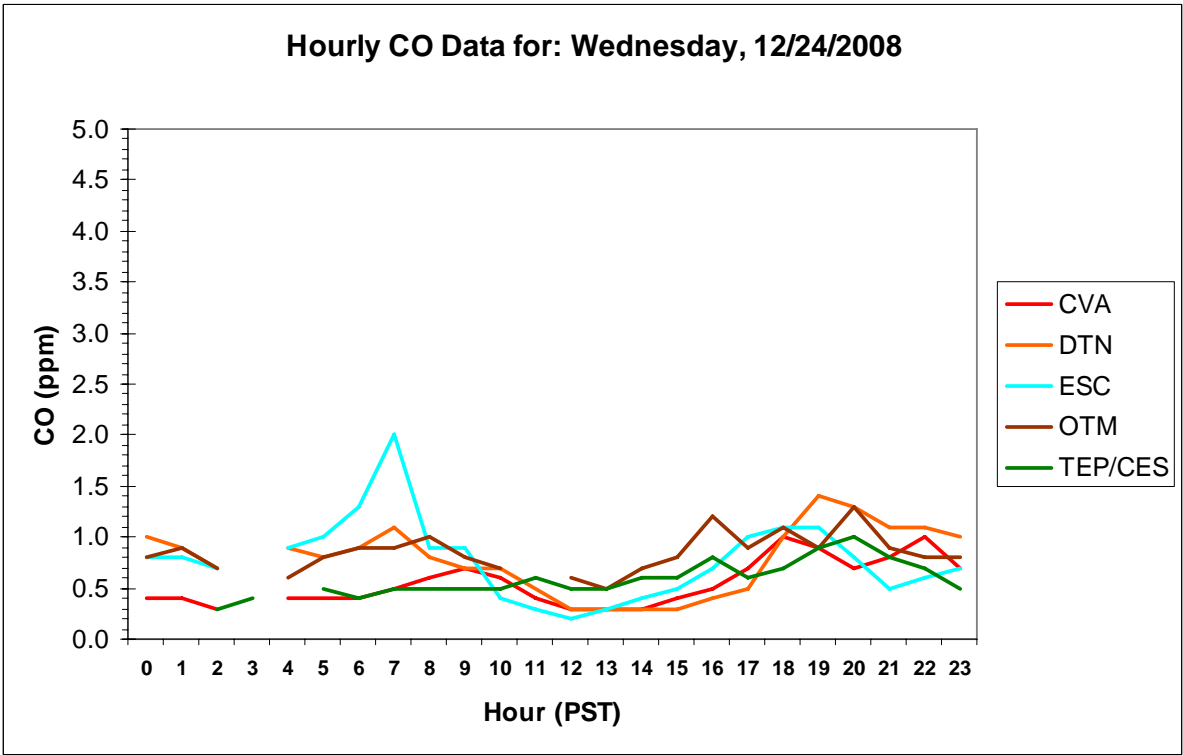
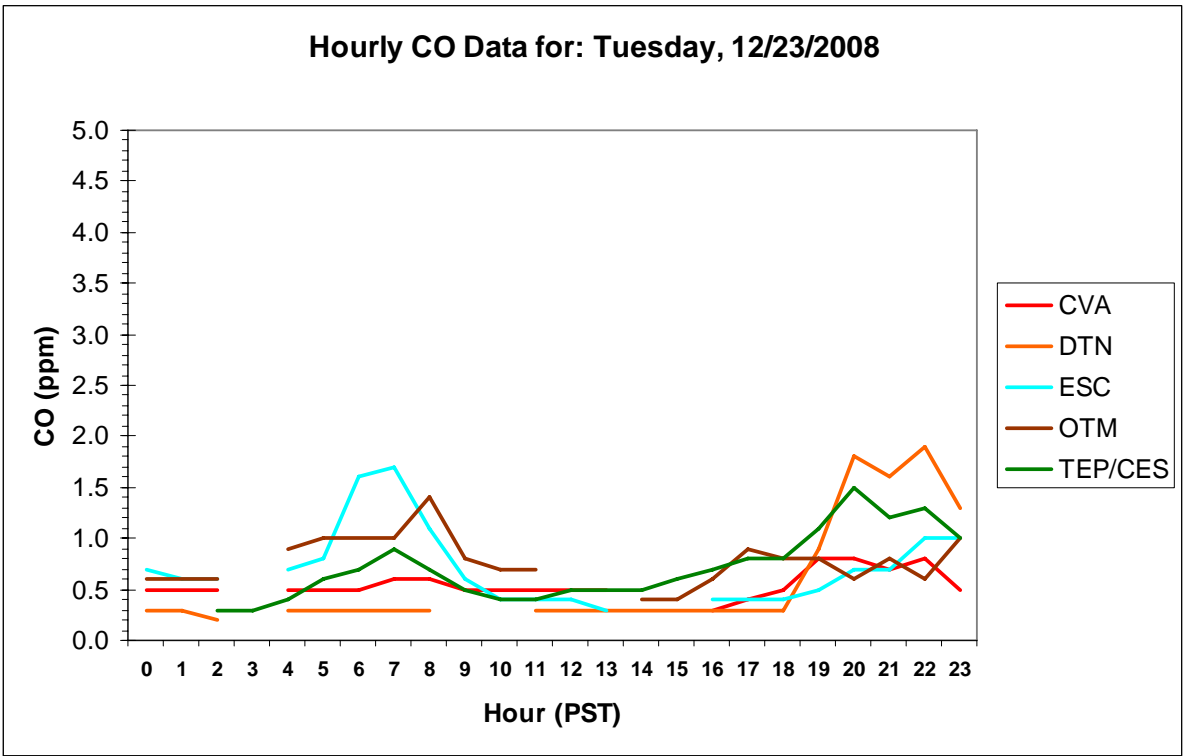


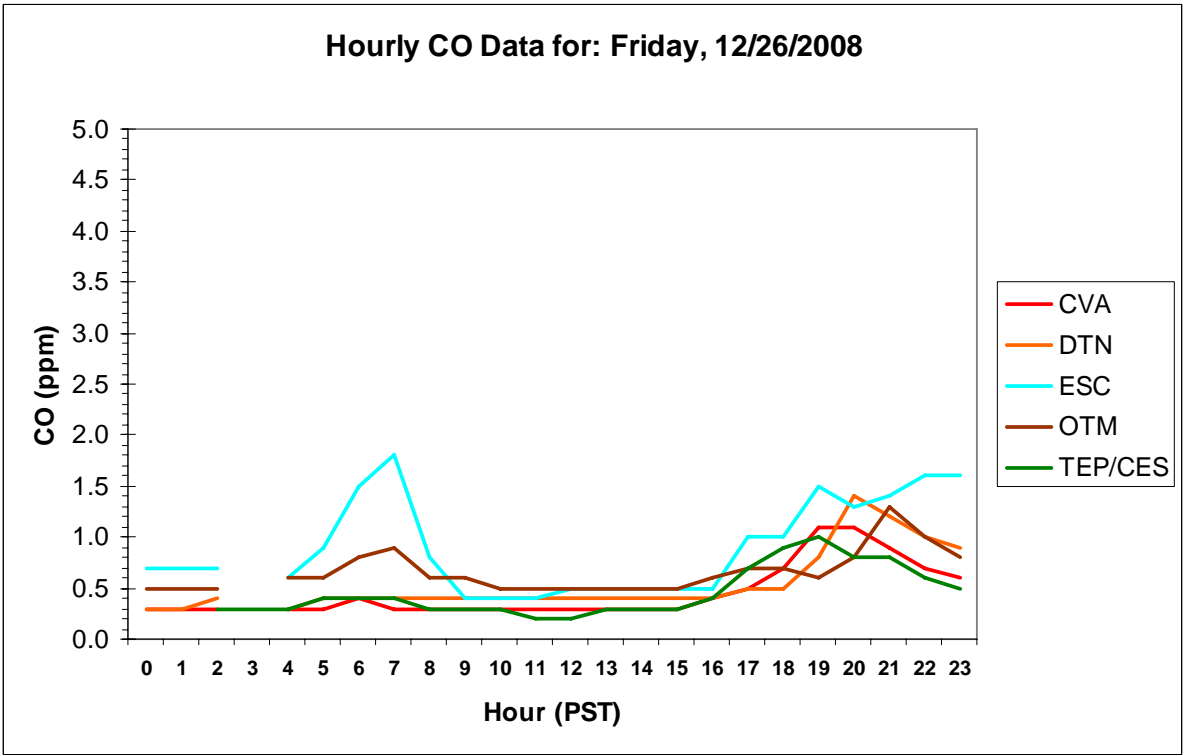
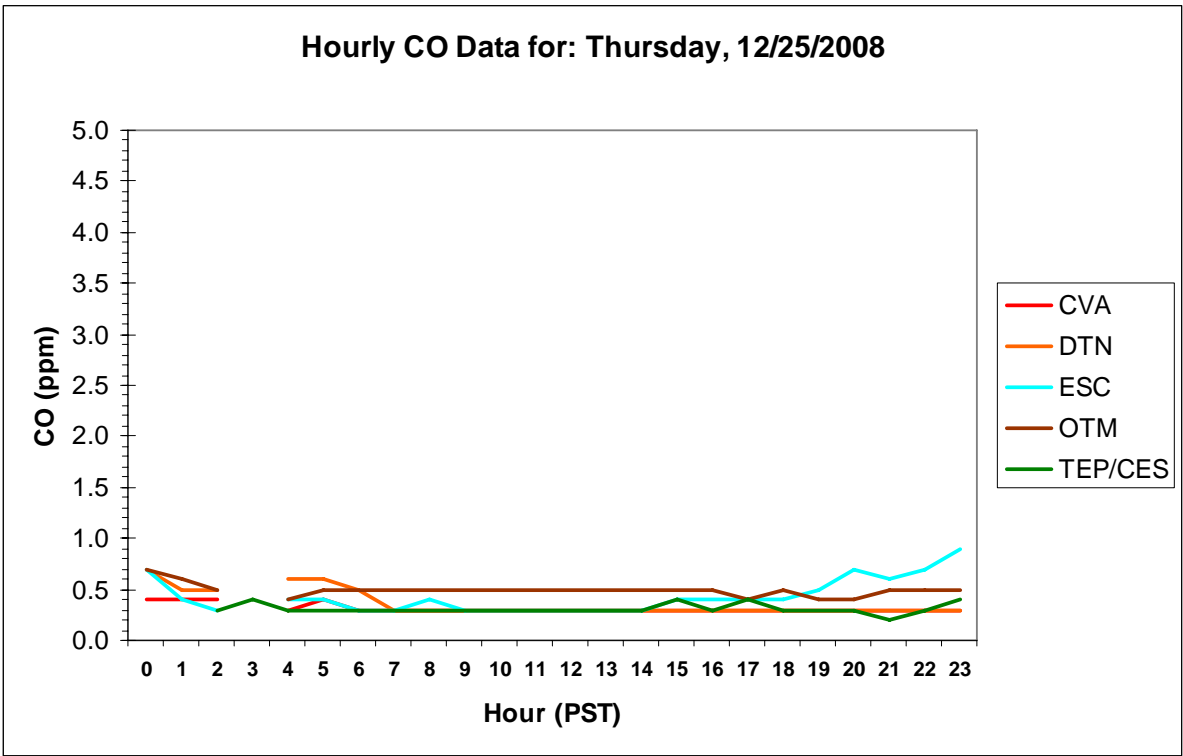


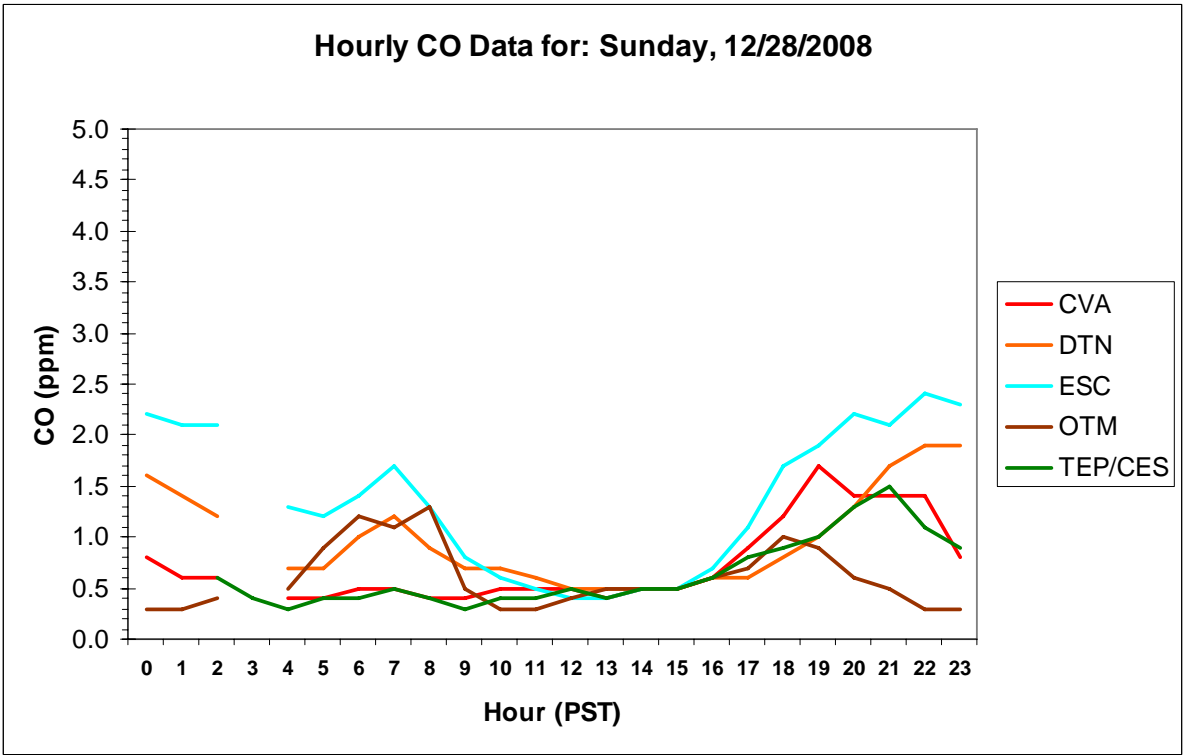
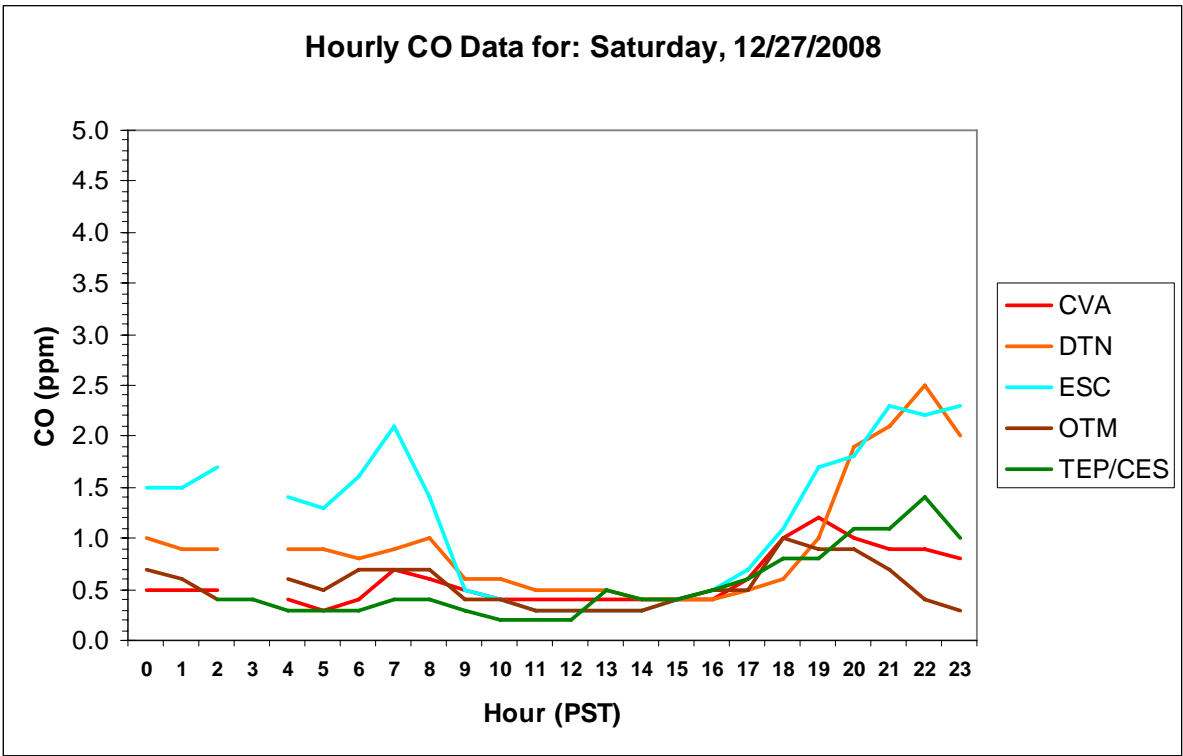


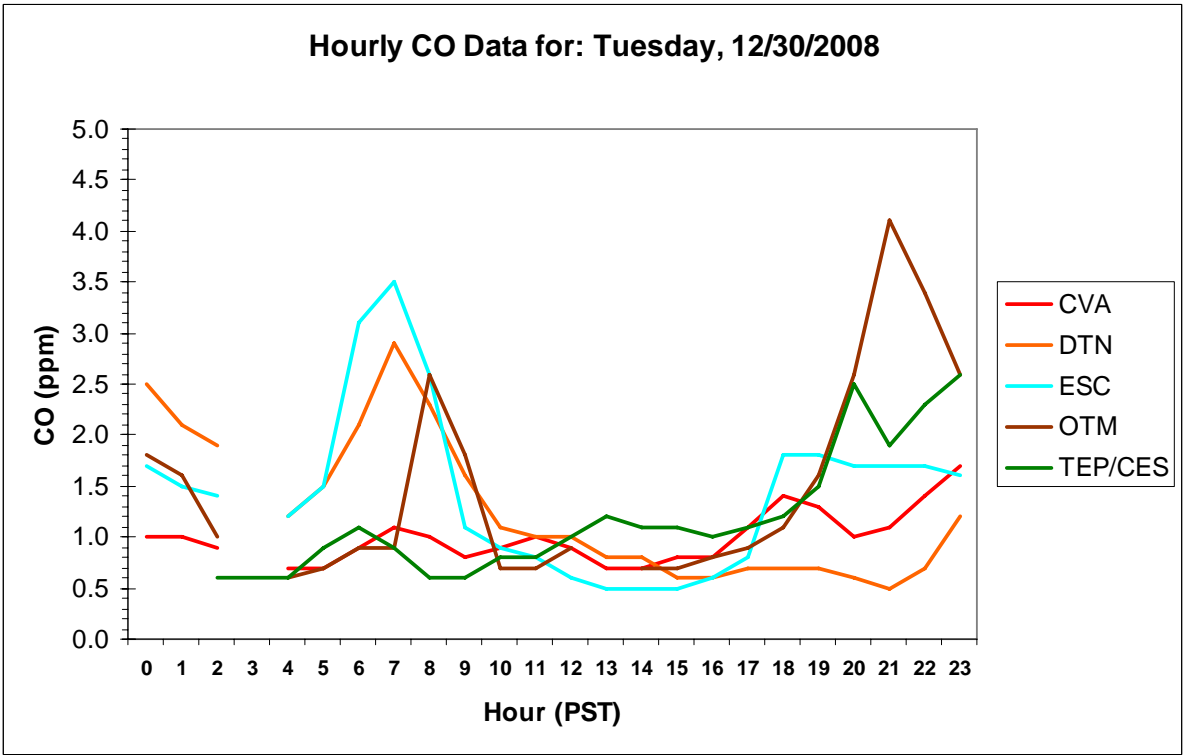
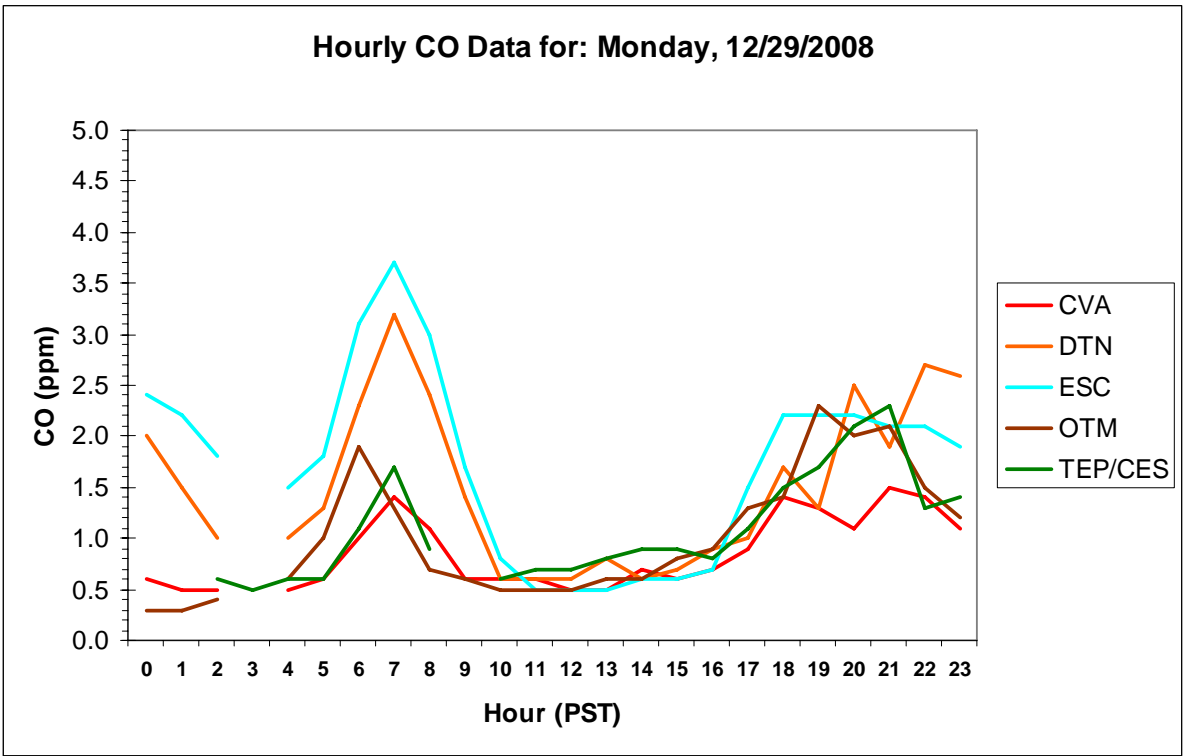


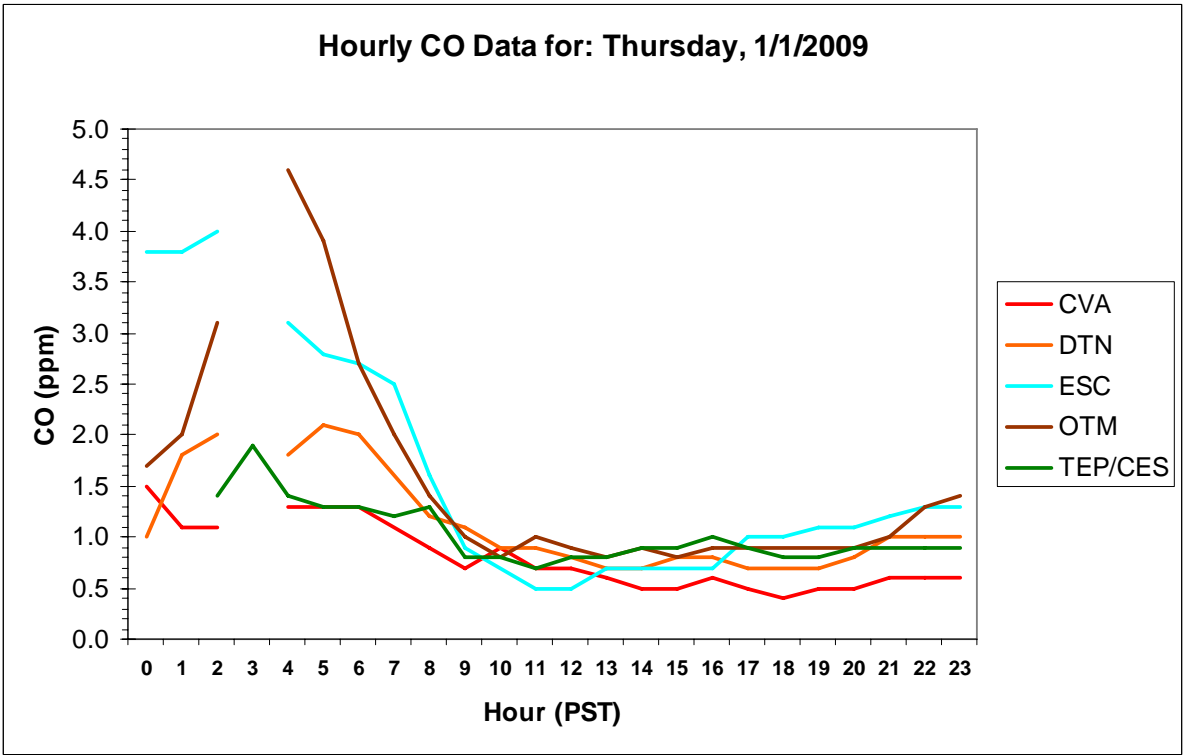
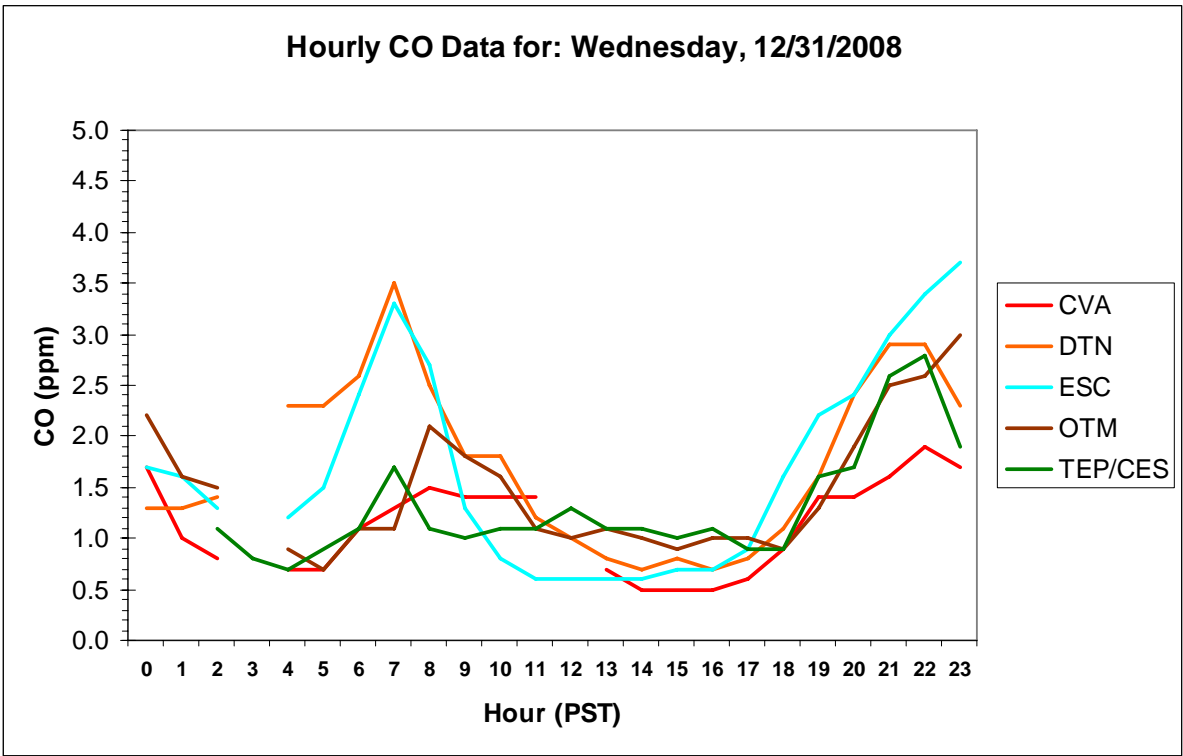


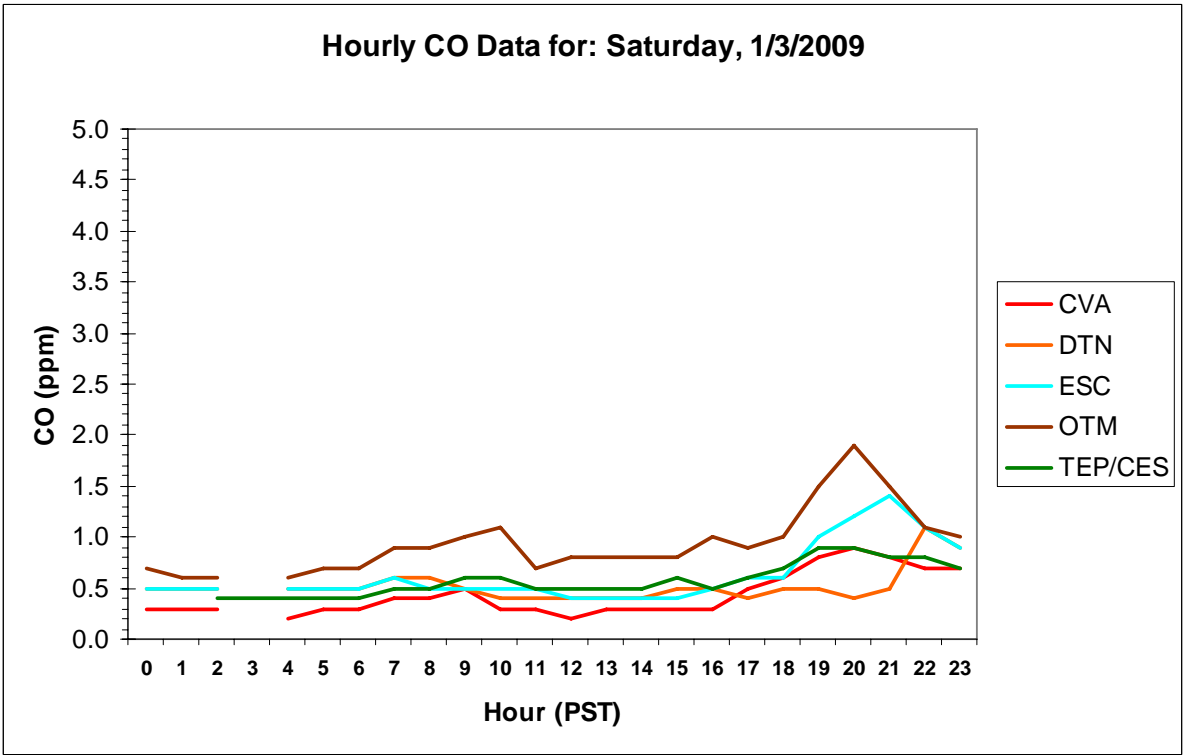
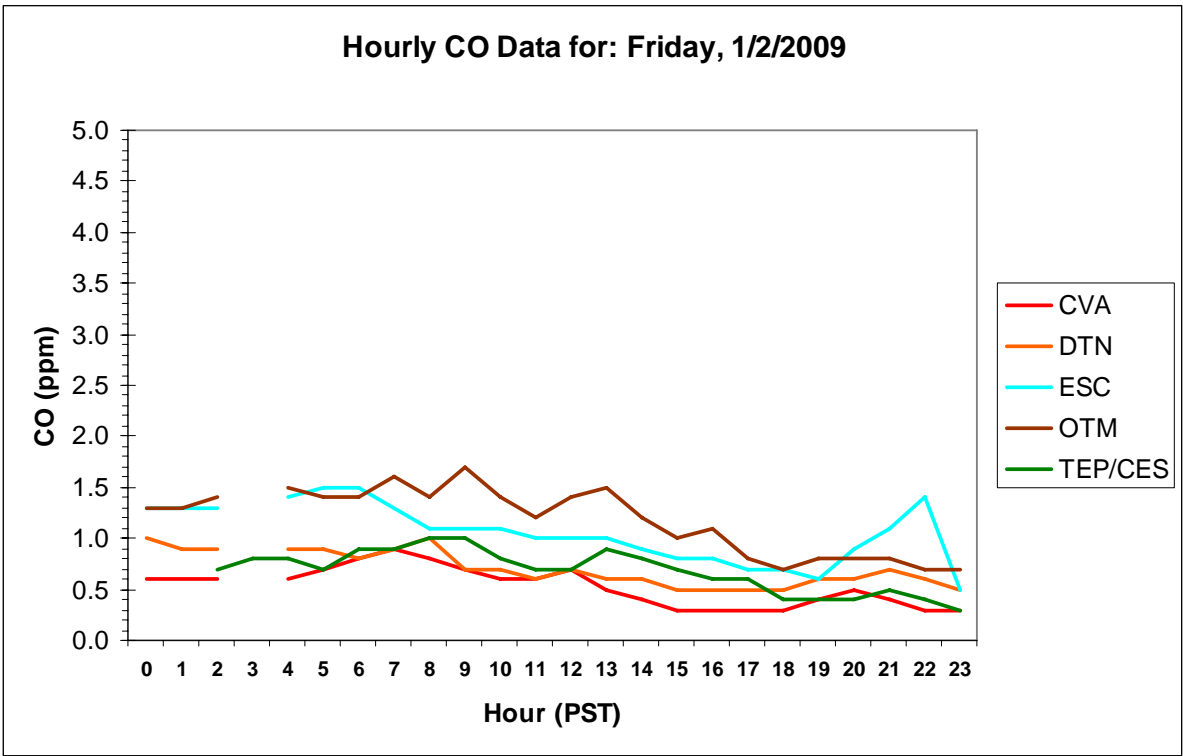


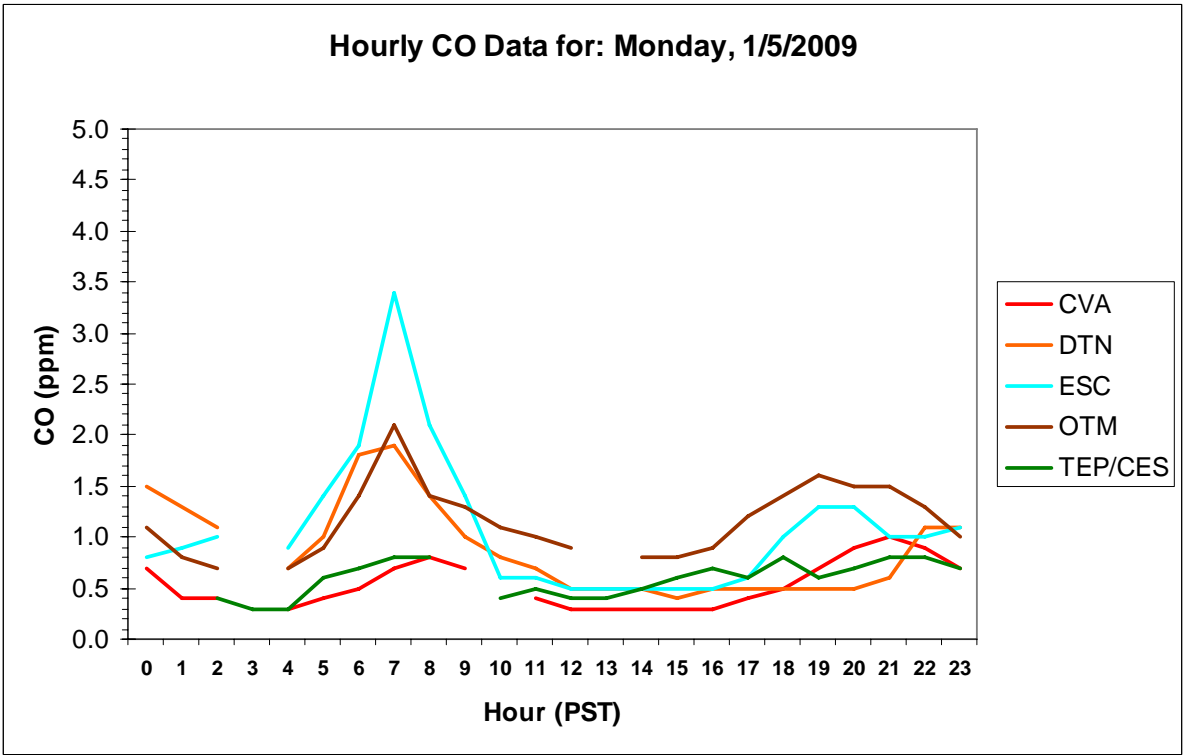
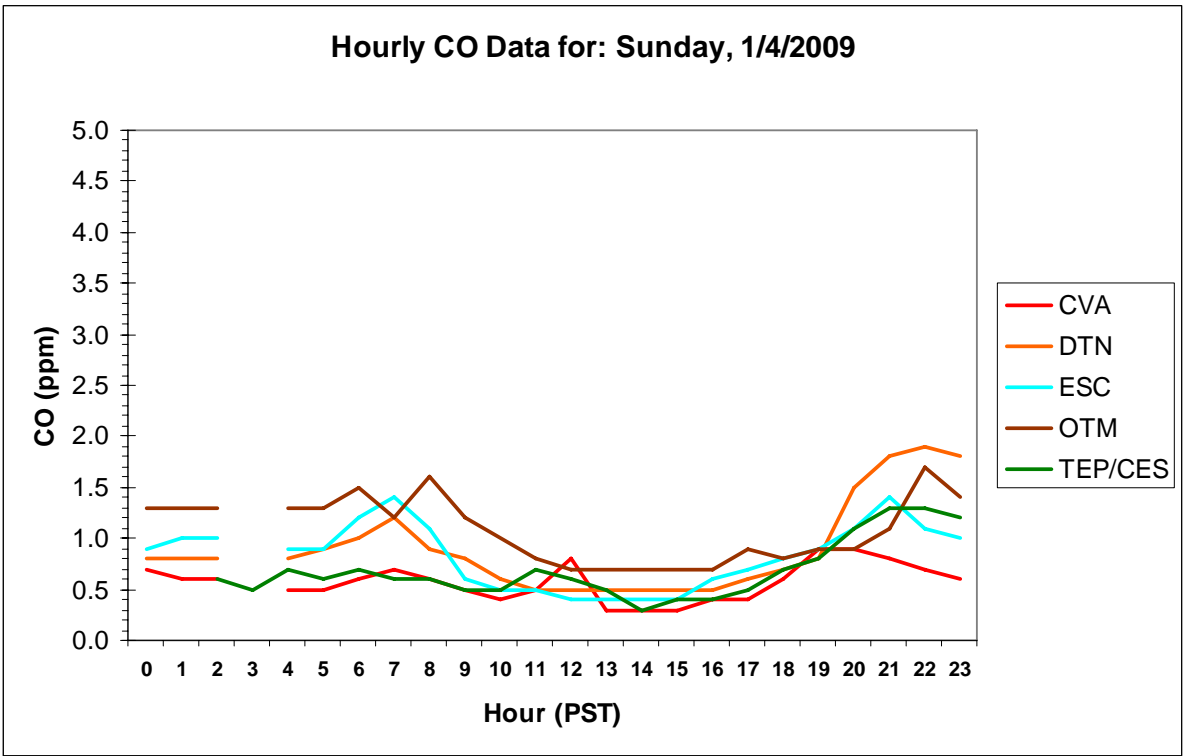


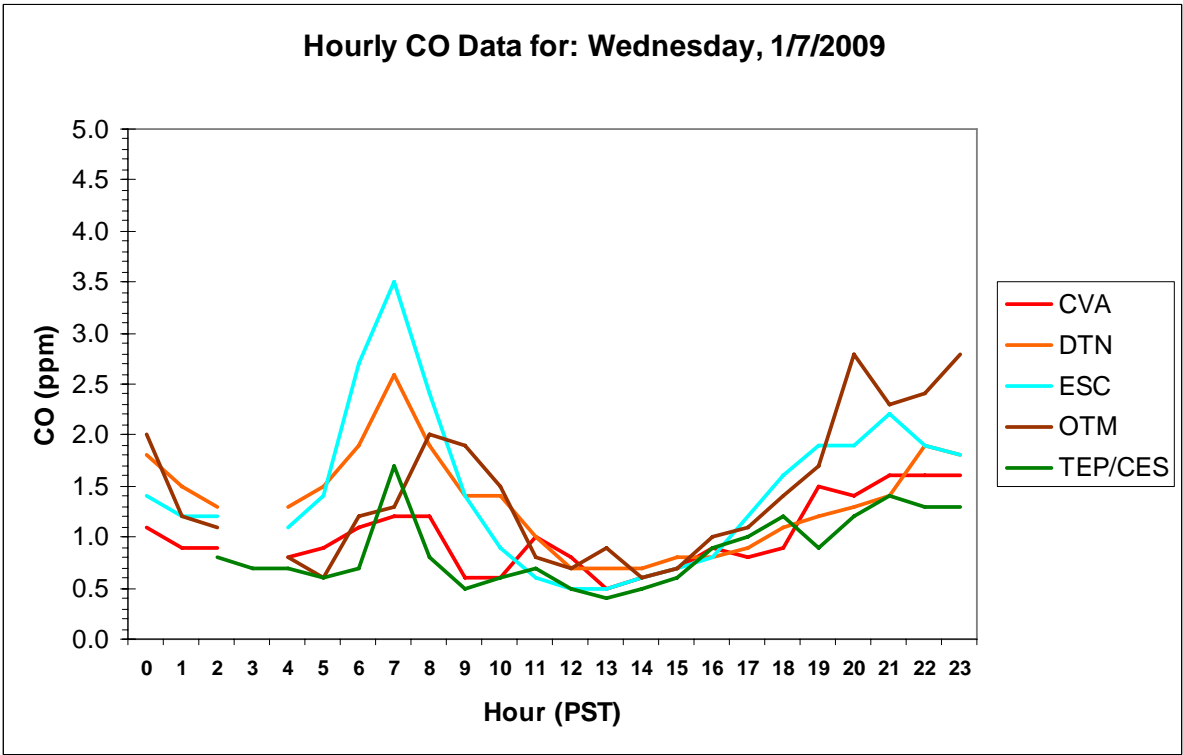
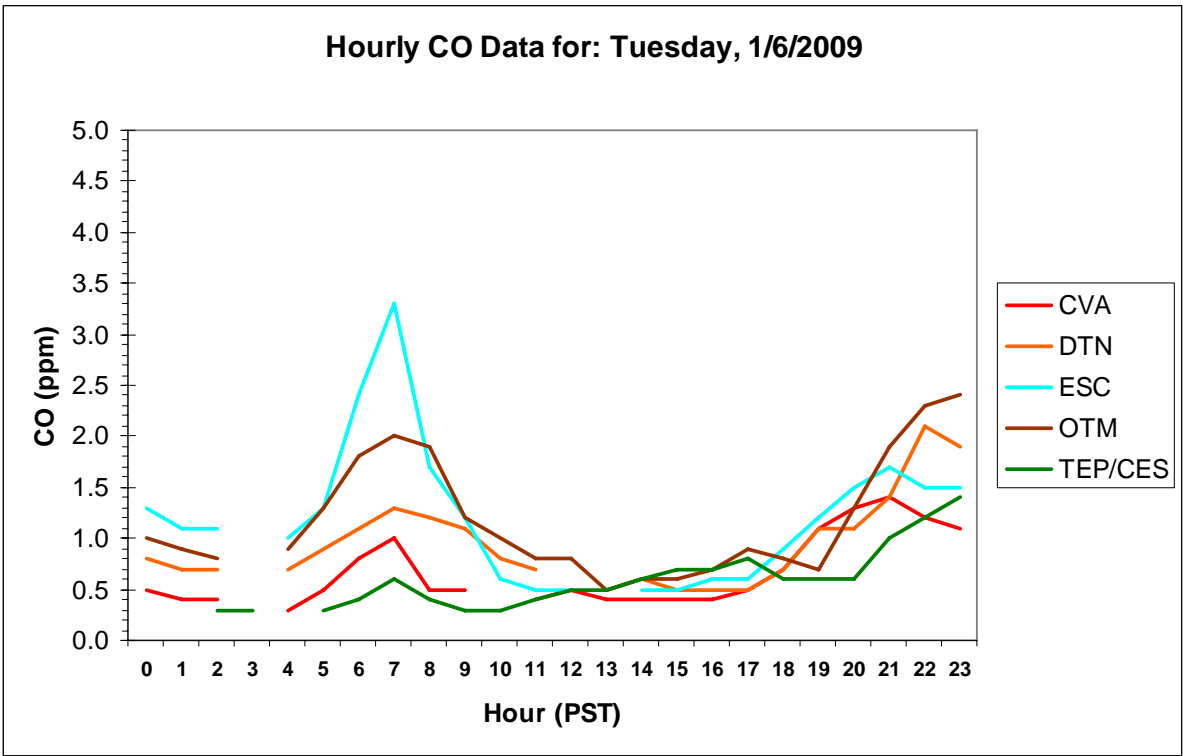


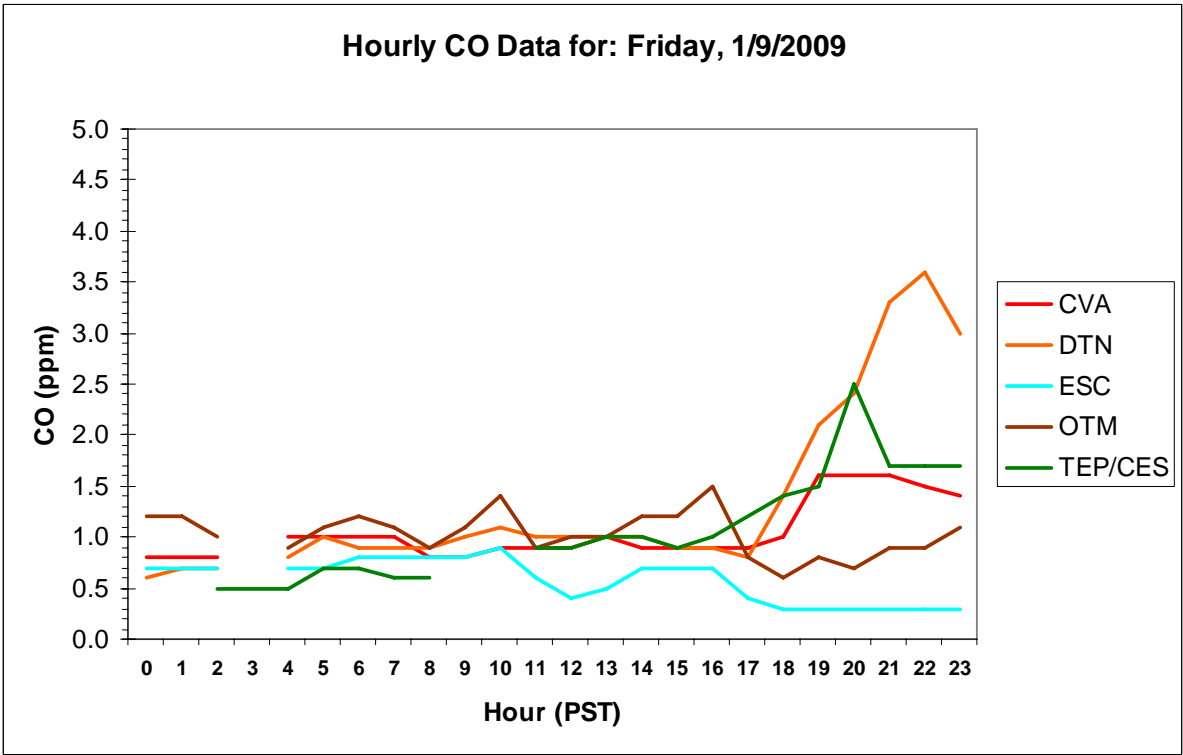
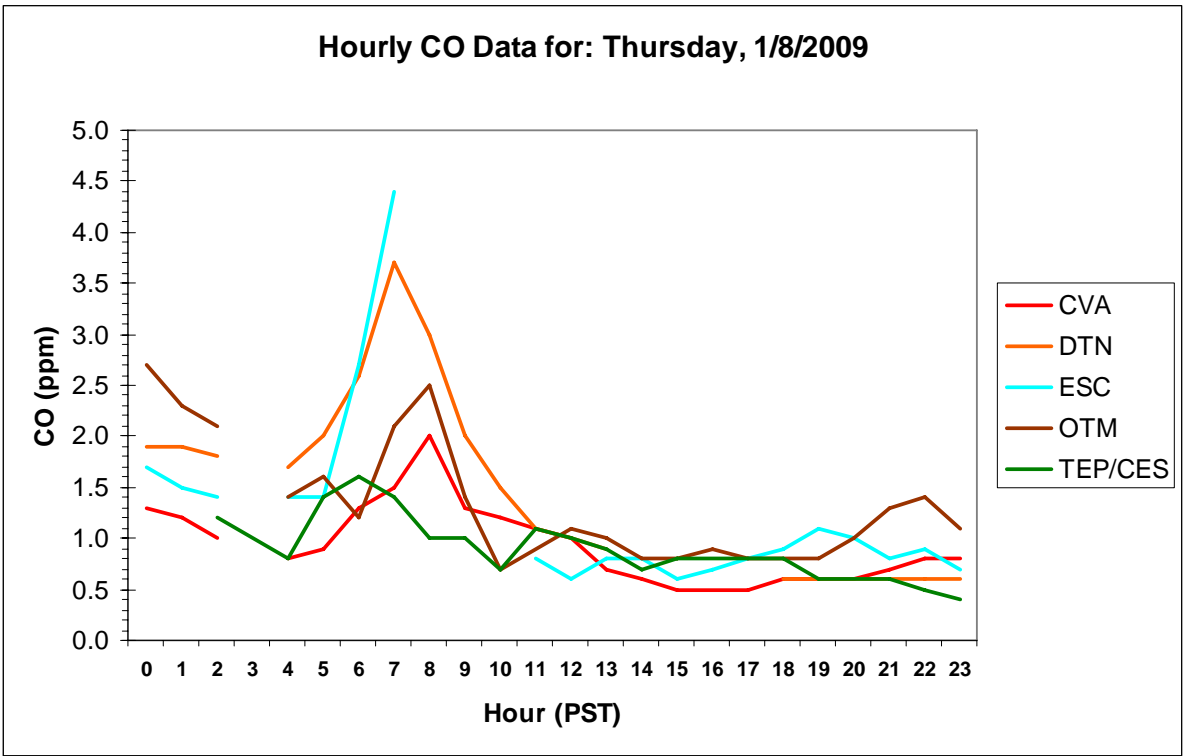


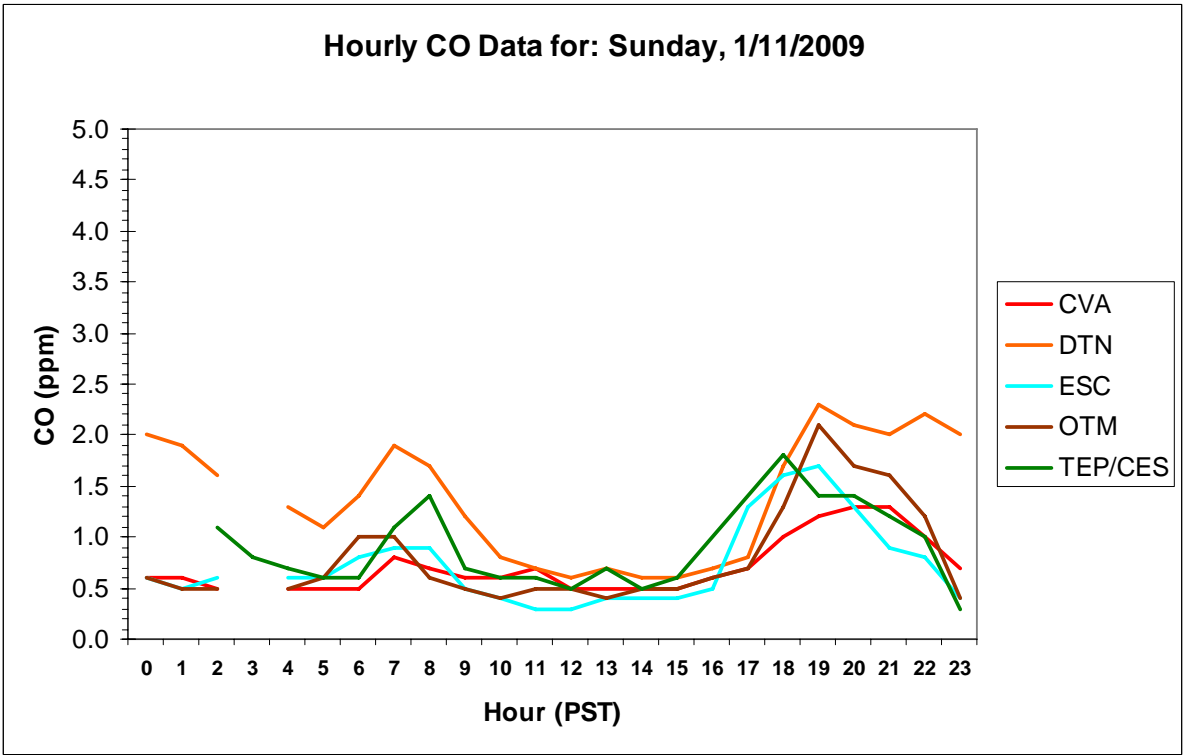
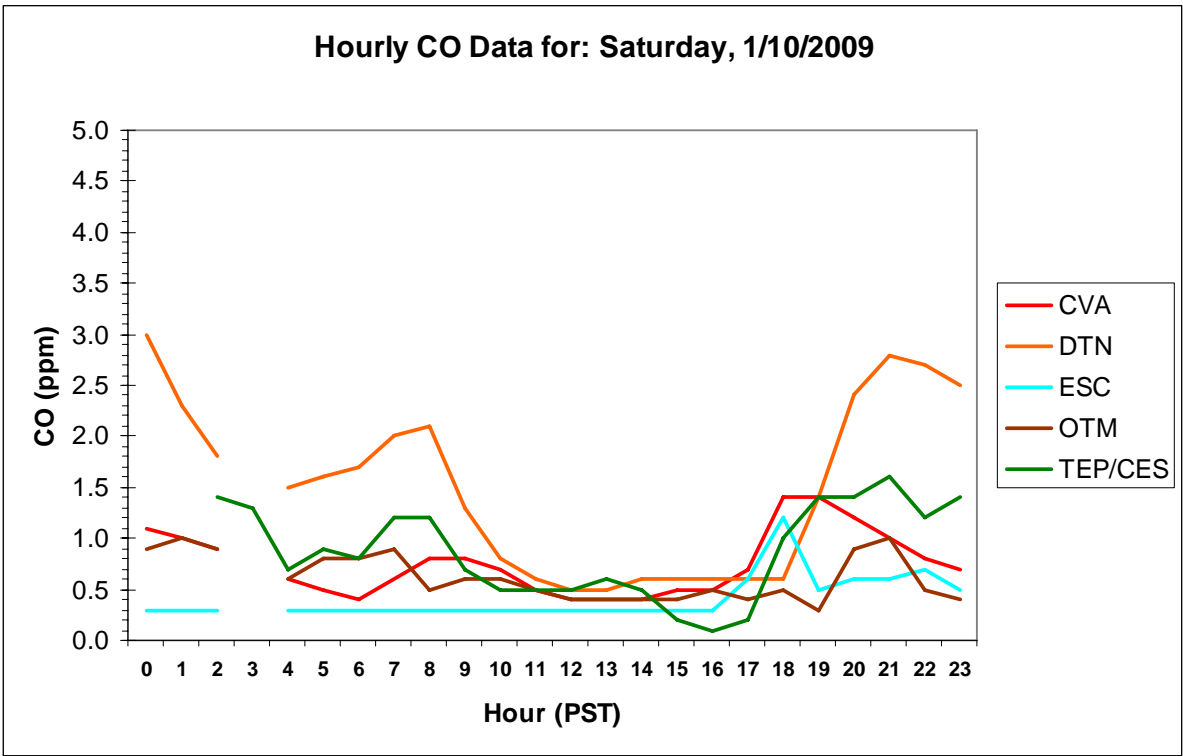


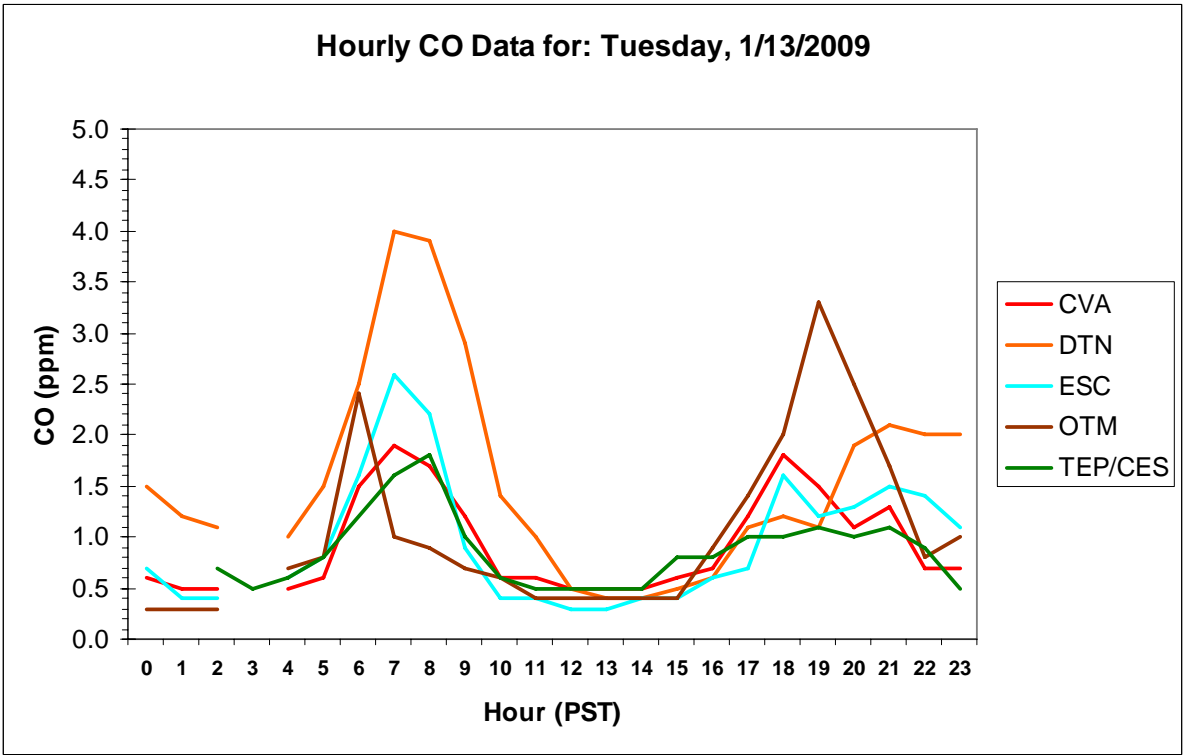
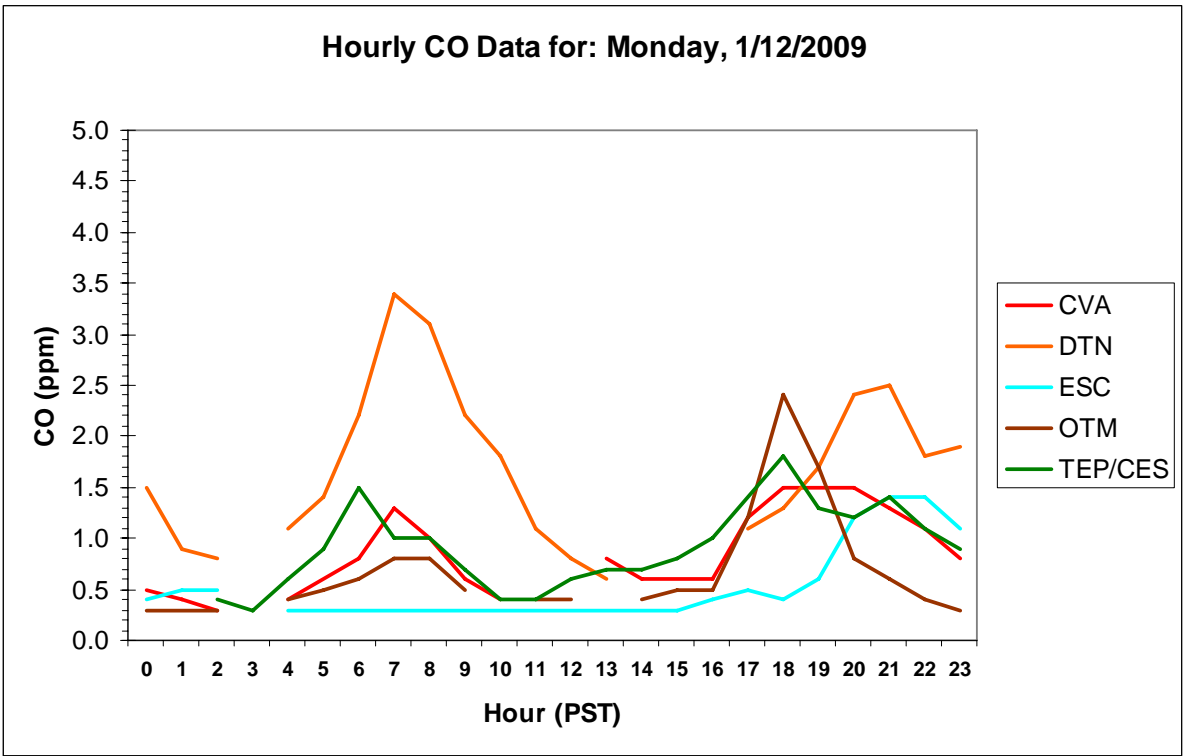


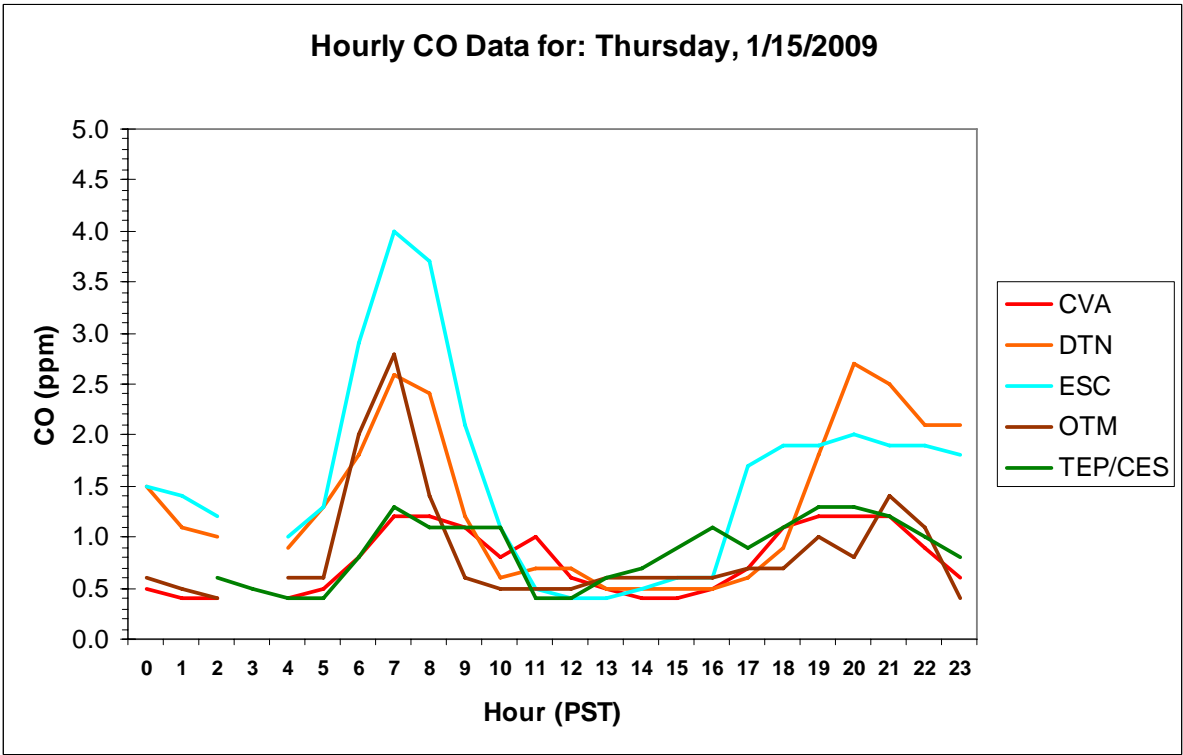
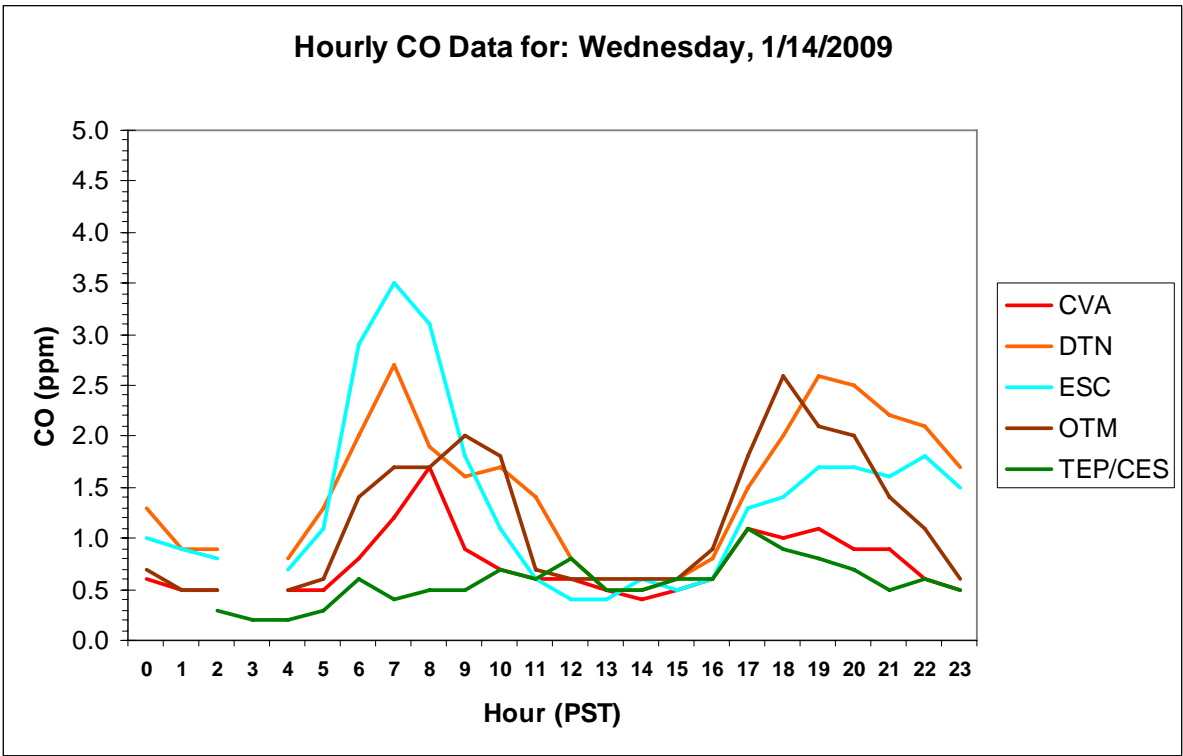


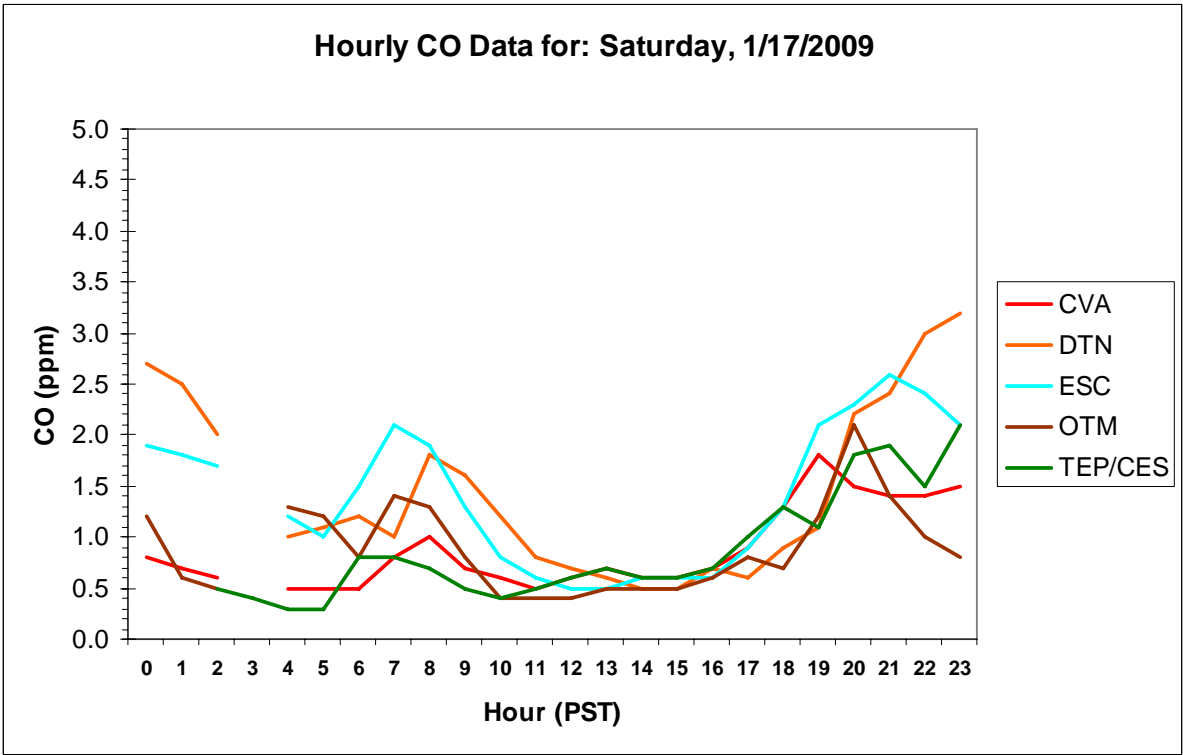
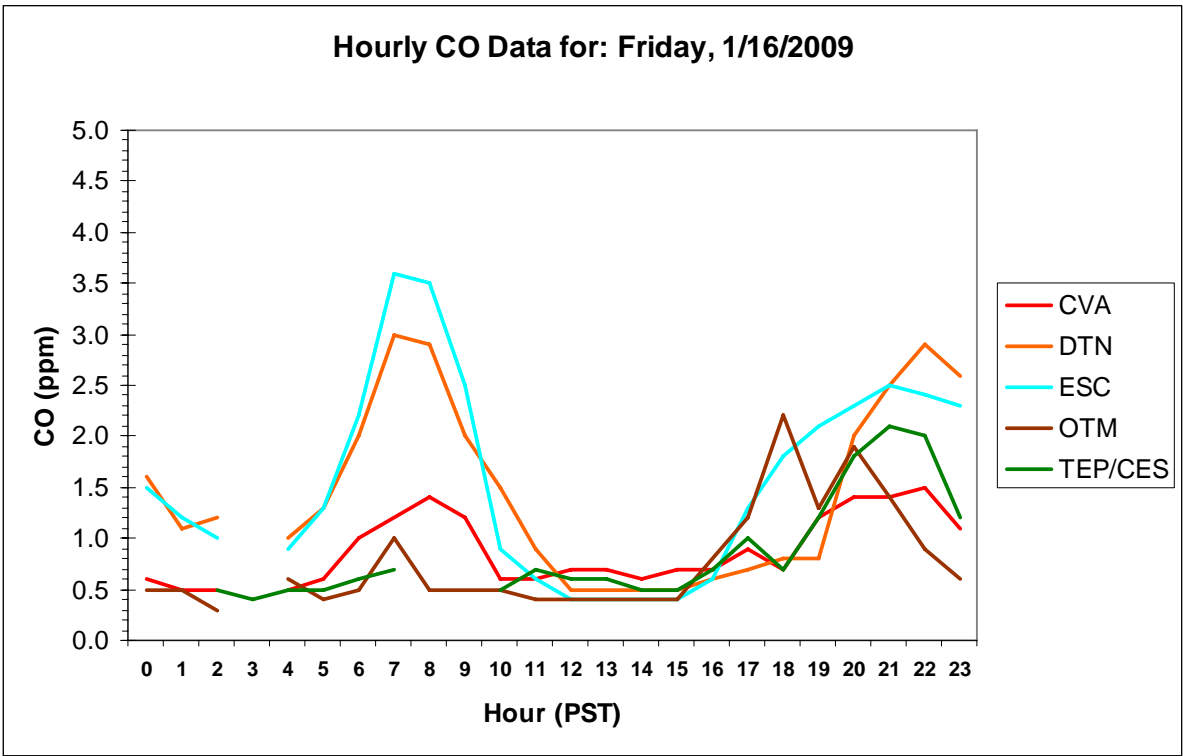


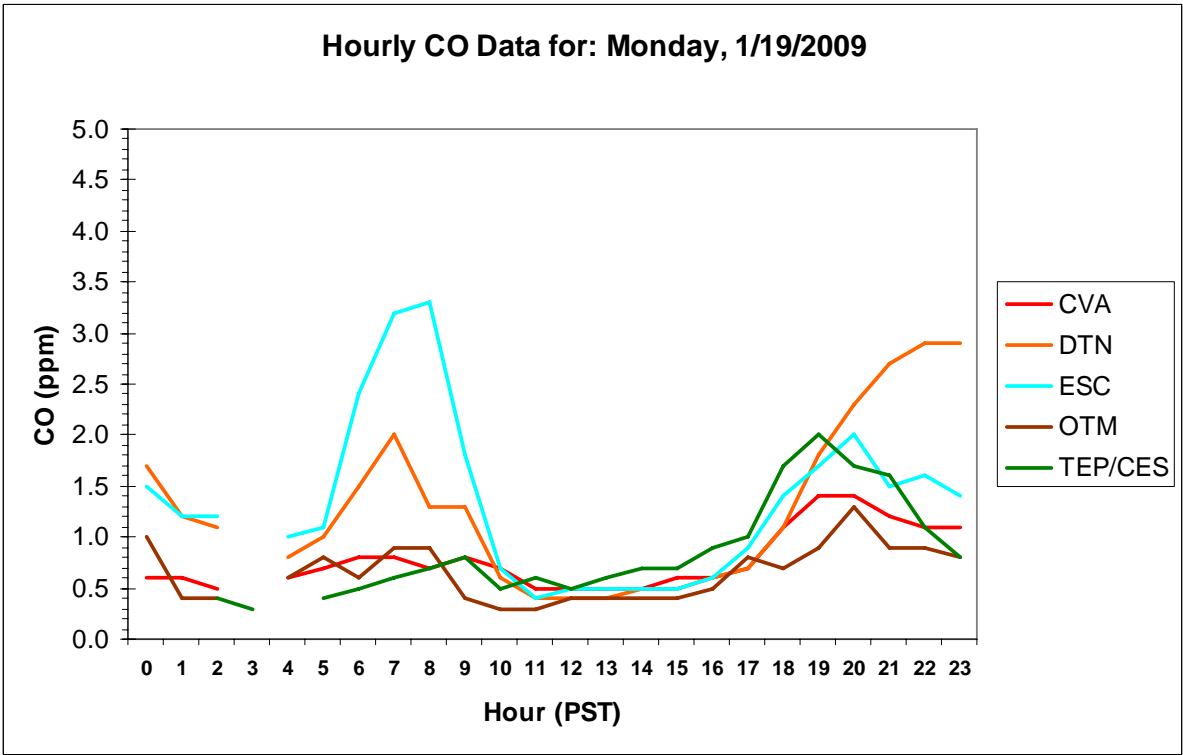
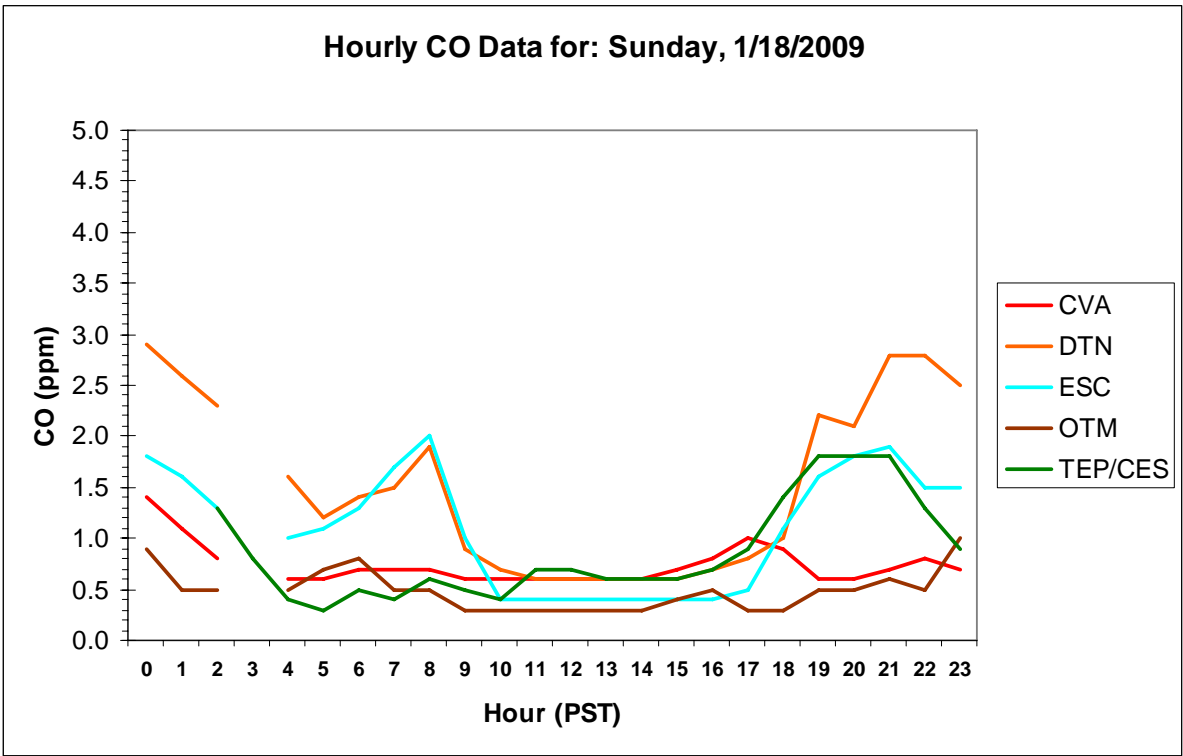


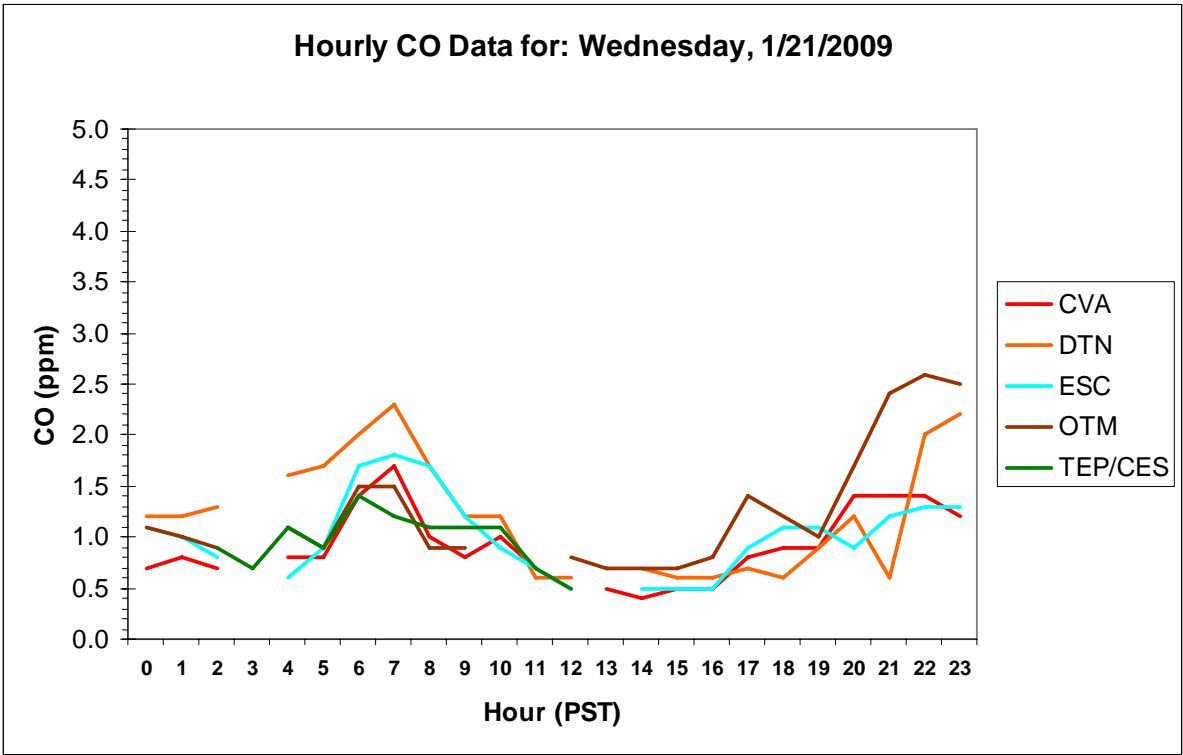
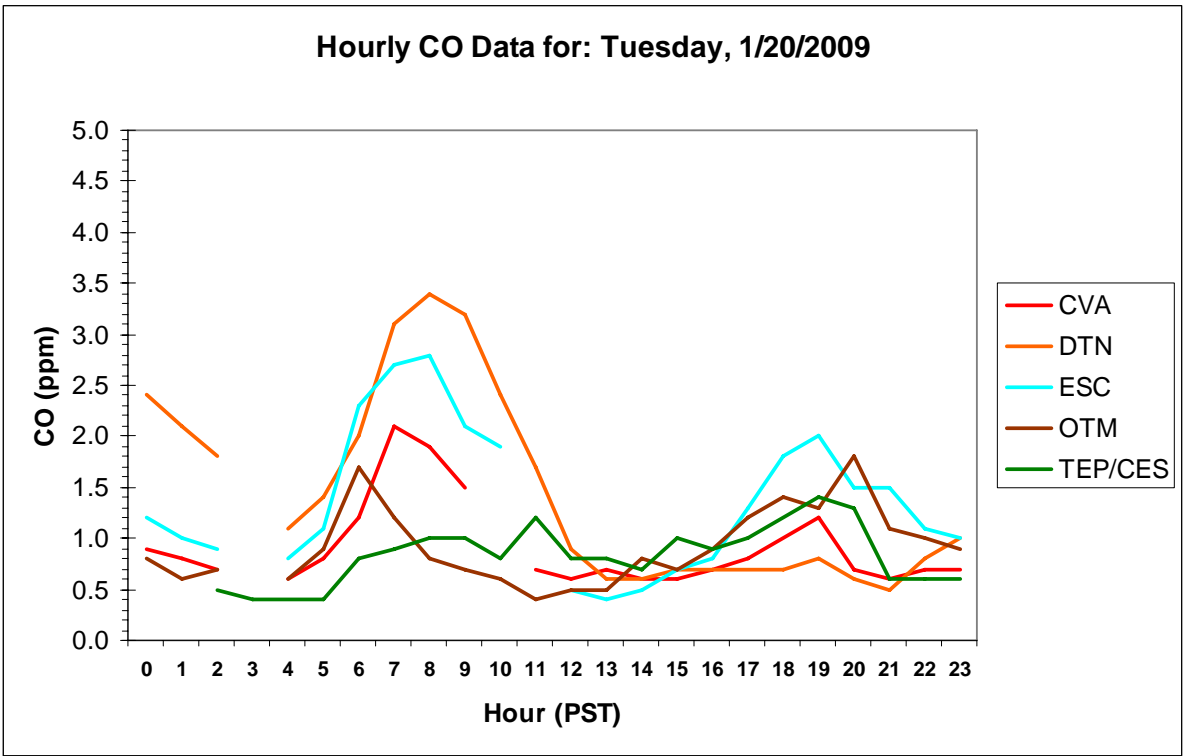


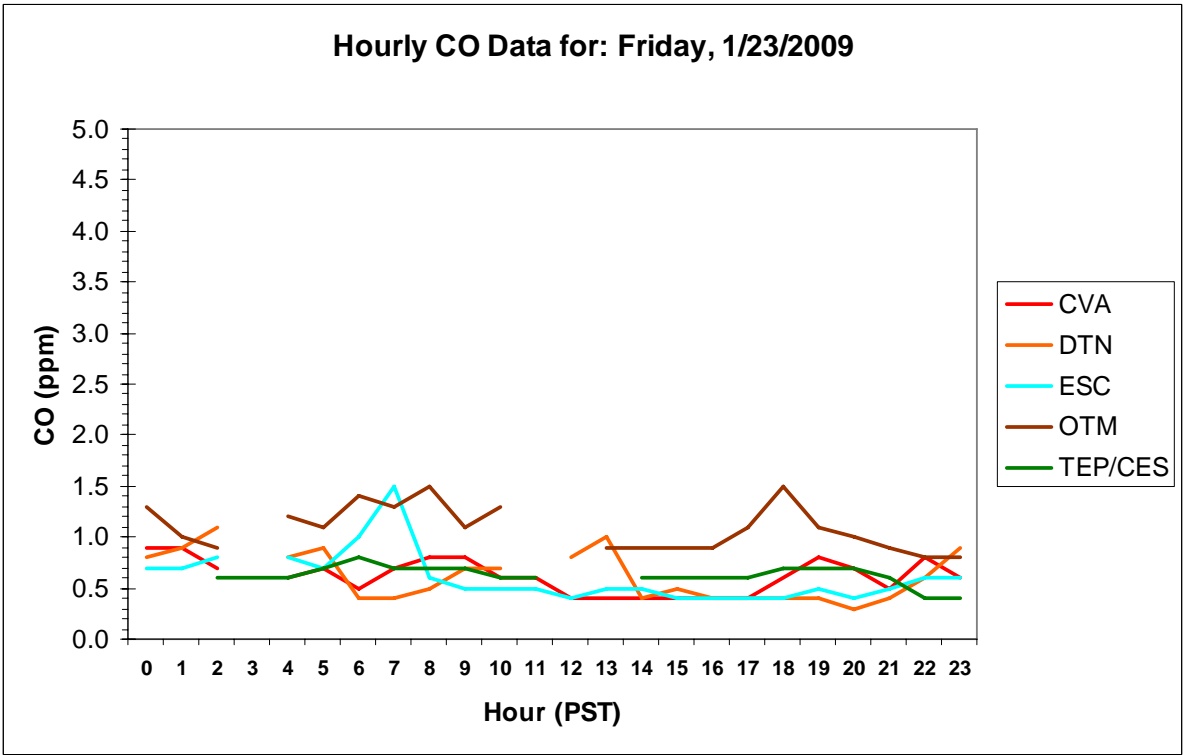
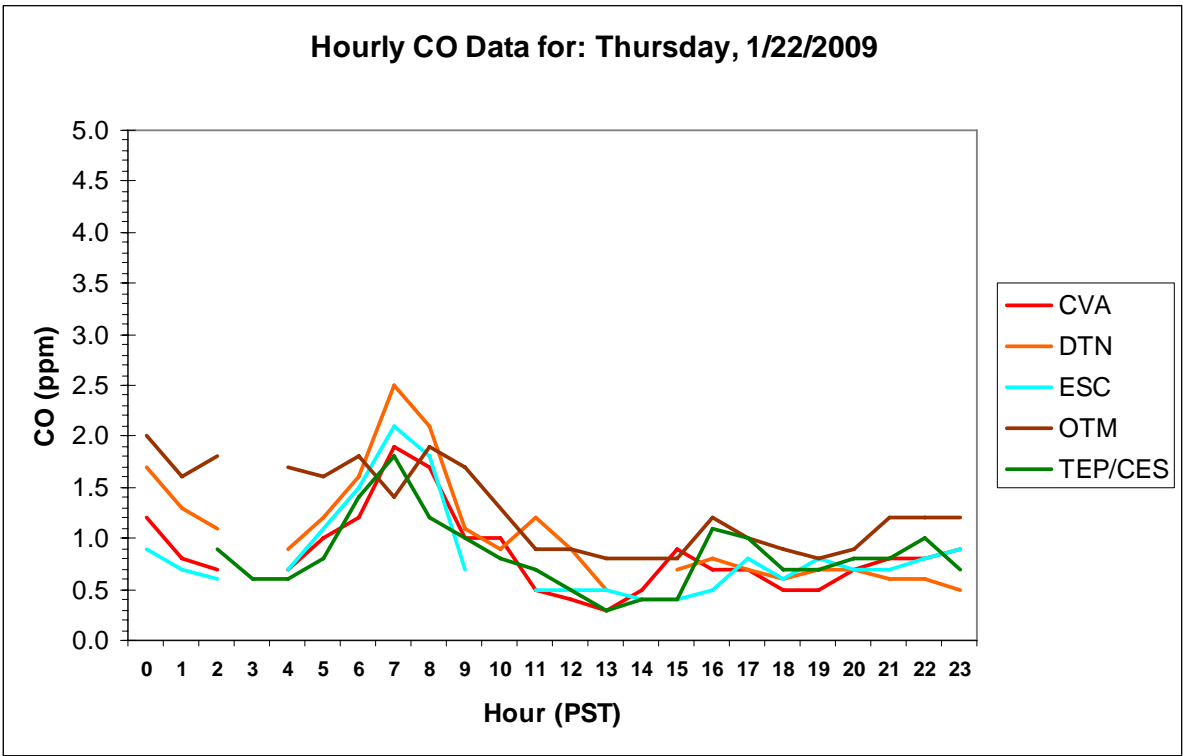


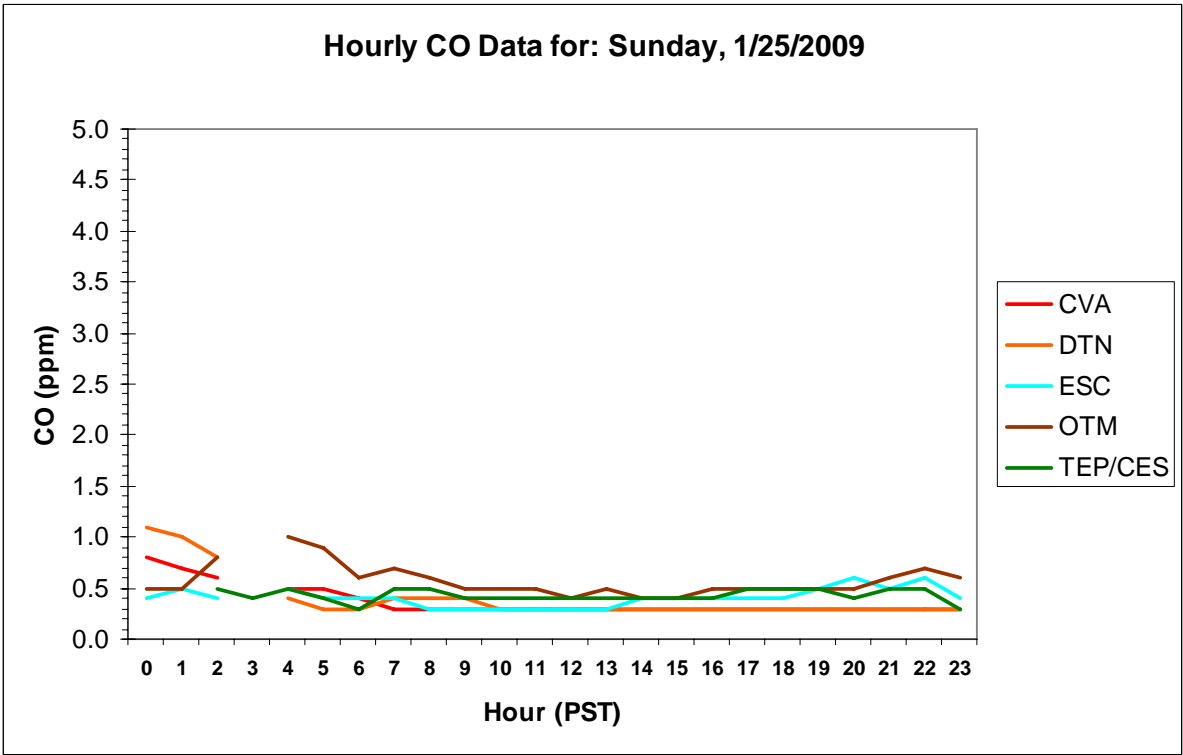
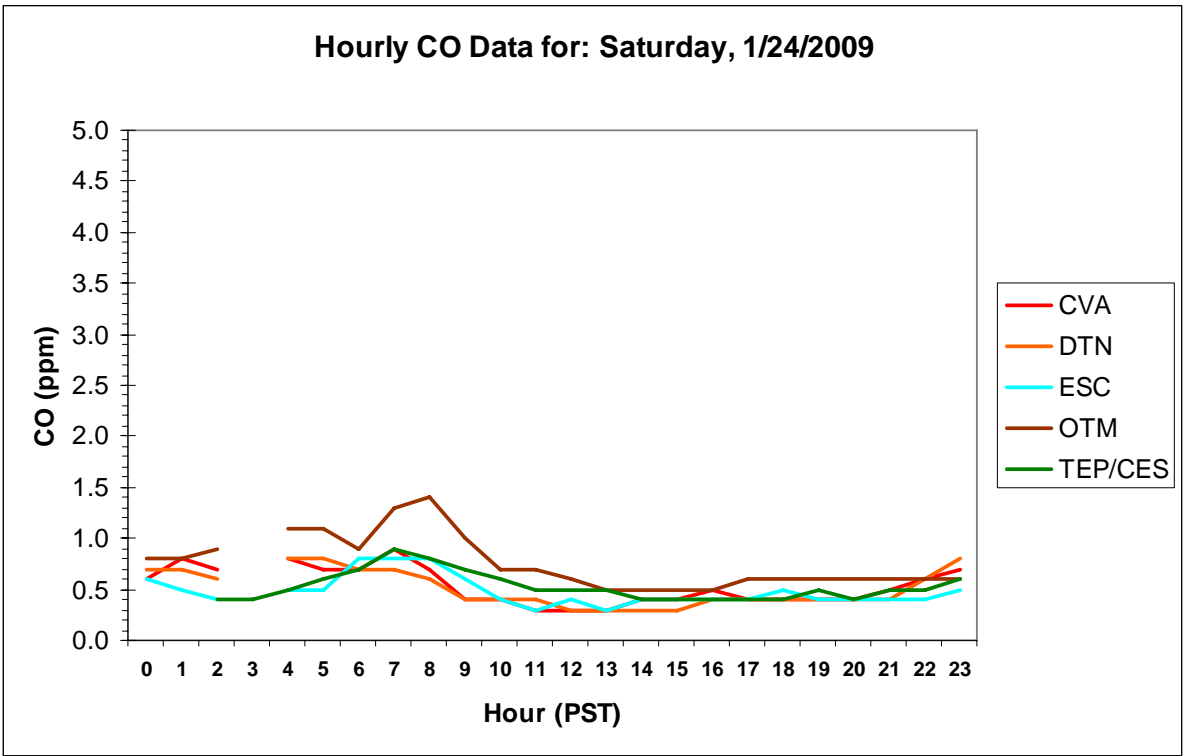


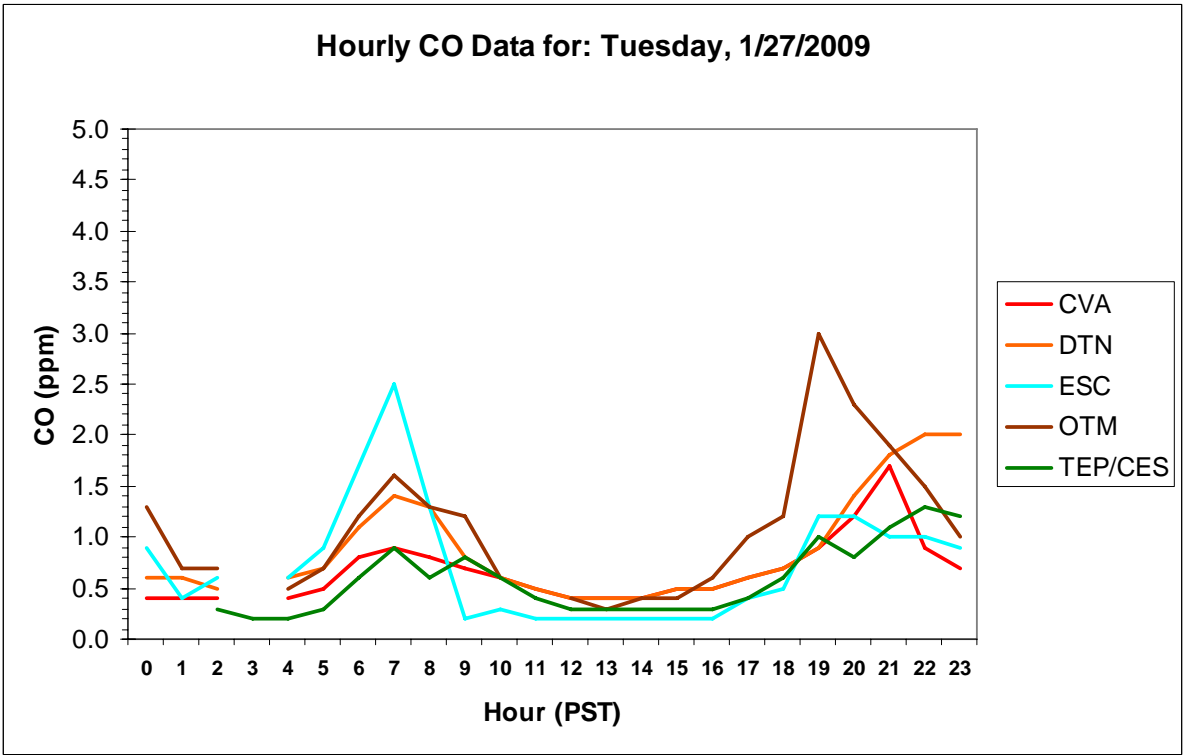
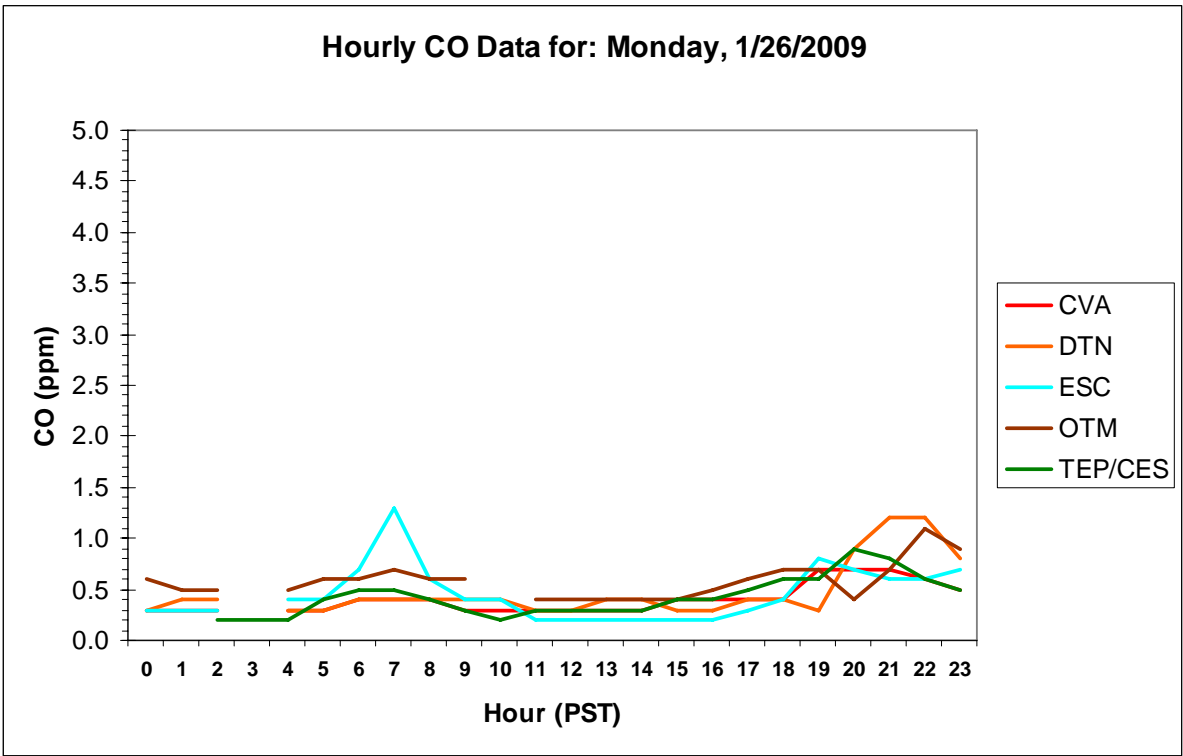


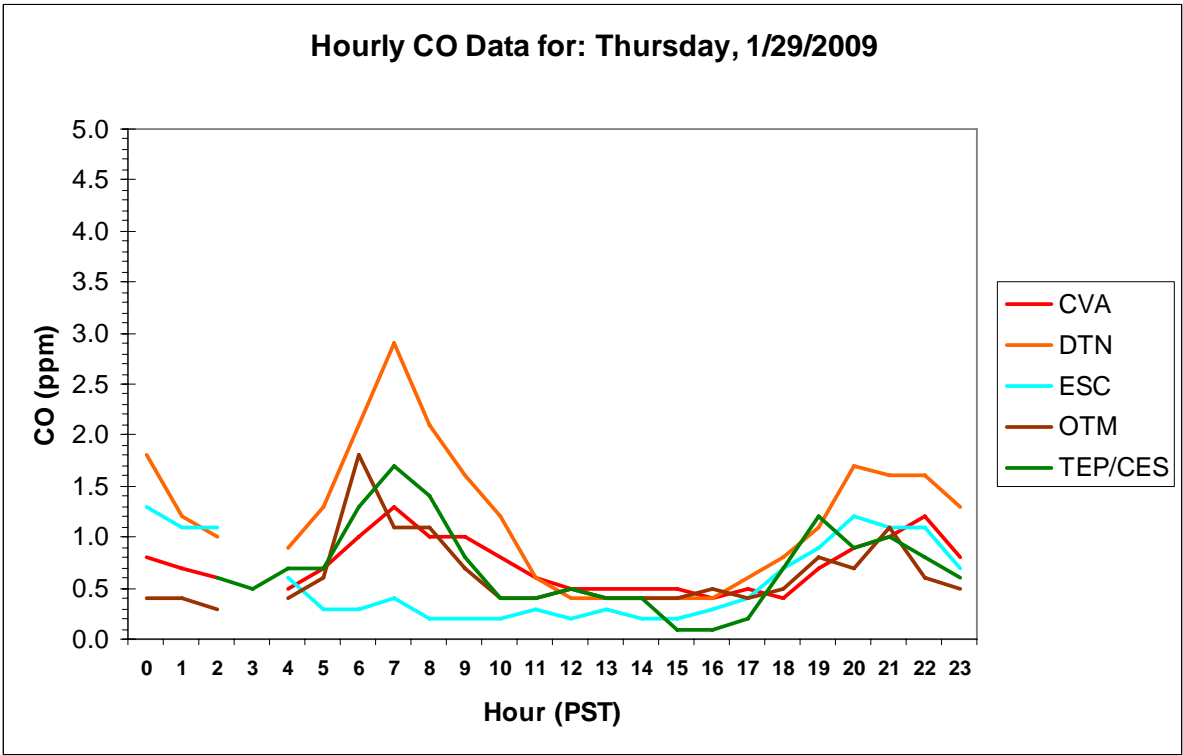
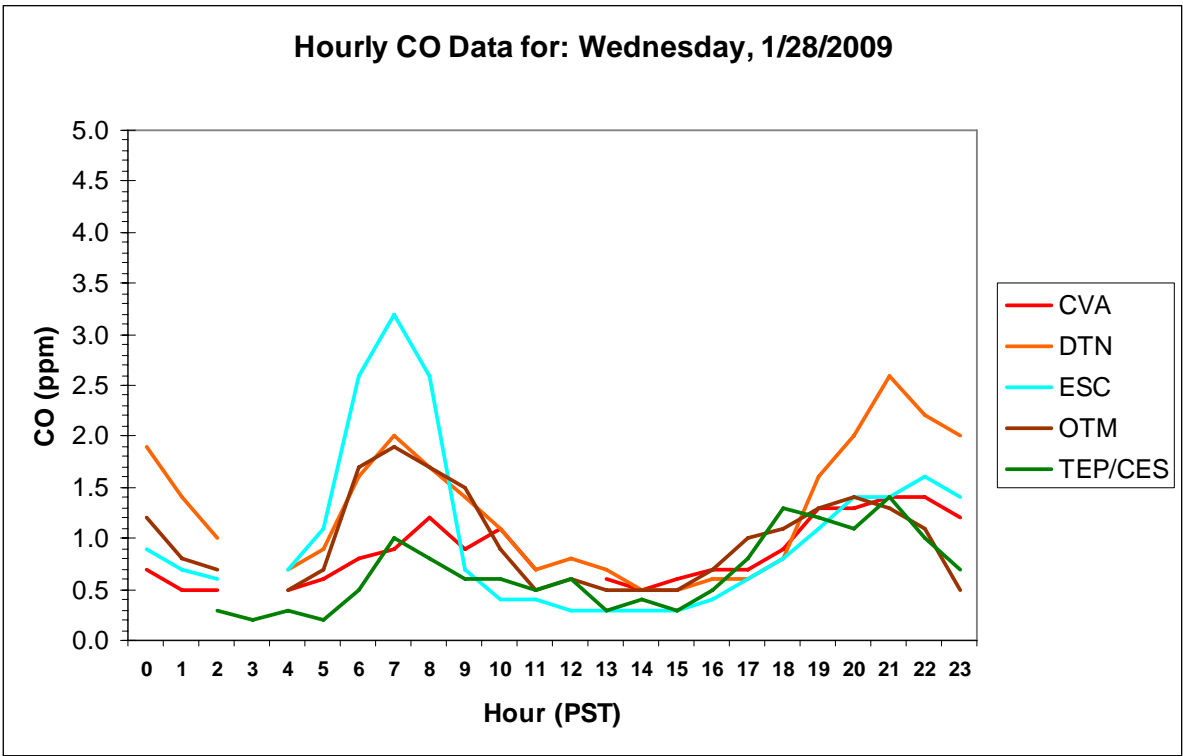












Hourly CO Data for: Friday, 1/30/2009

