

Excel Training Exercise

You have been given an Excel spreadsheet that has 36 hours worth of data from UNH's Climate Change Research Center AIRMAP monitoring station at Thompson Farm in Durham. The data represented are 10-minute averages of atmospheric CO, ozone, and air temperature.

Take the data set (spreadsheet) and create an XY scatter plot with the following characteristics:

1. Give the graph a title.
2. Make the Y-Axis represent ozone and air temperature in parts per billion (ppb) and degrees Celsius on the left, and CO in ppb on the right. The range for ozone and temperature should be 0-40, and the range for CO should be 80-160.
3. X-Axis represents time, with hourly tick marks—eliminate space at the beginning and end of the axis where no data lie(the first point that is plotted should rest on the Y-axis).
4. Scatter plot with connecting lines—each data series should have its own color, and each data point represented by a 3 pt diamond.
5. The background should be white.
6. The data series should be labeled through a legend on the right of the graph.