

Course Work Activity 3 – Air Pollution

Work must be titled 'Coursework 3 – Air pollution'. Answer the questions in full and make sure that your explanation is thorough. Be sure to show all your work (calculations); a single numerical answer is not acceptable.

Aim: to explore the concepts of the air pollution and acid rain.

All 50 states plus Puerto Rico and the Virgin Islands have at least one precipitation monitoring site, as part of the National Atmospheric Deposition Program/National trends network. Some sites have been collecting data since the 1970s, and the data are posted on the web.

1. How many monitoring sites are here in your state? Select one and find out who operates it. What is a typical pH value at the site? What is the trend in acidity over the past few years?
2. How does the acidity of the precipitation in your state compare with that in another state? Make a prediction and then look up the data for this state. Again look at the trend over time.