



U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Weather Service Forecast Office  
9200 White Lake Road  
White Lake, Michigan 48386

September 6, 2006

To Science Curricula Directors and Science Teachers:

The National Weather Service (NWS) Weather Forecast Office (WFO) in White Lake will operate a program called the "WeatherBox". The NWS will operate this program for a fourth year which aids in the study of weather and the atmosphere. The WeatherBox was conceived to provide a week's worth of weather materials for you to use in your class and also designed to meet some science standards. There are lesson plans, experiments and many other materials to use.

Specifically, the WeatherBox includes the following materials:

- \* Weather instruments including a rain gage, barometer, anemometer, psychrometers, and thermometers
- \* Additional supplies to conduct the experiments (safety goggles, hair dryer, balloons, etc.)
- \* Weather Radio
- \* Three Videos
- \* Six reference books
- \* Several poster sized charts (i.e., cloud chart, four seasons chart, etc.)
- \* Four lesson plans
  - 1) Weather Observations, Forecasts and Climate
  - 2) Temperature and Rising/Sinking Air
  - 3) Clouds and Precipitation
  - 4) Atmospheric Pressure

The WeatherBox is designed for classes in the middle school grade levels, specifically 5<sup>th</sup> through 8<sup>th</sup> grades. However, much of this material could be useful for any school level.

The WeatherBox is yours to use for two weeks (one week for planning, one week for use). We kindly ask that you take care of the WeatherBox, as other teachers throughout southeast Michigan will also be using the box. When you are finished with the box, we will ask you to please fill out the survey and inventory sheet. The rain gage is for you and your class to keep and use.

Request will be filled on a first come, first serve basis. The NWS will deliver and pick up the WeatherBox, prior to and just after the scheduled two weeks. If you would like to request the WeatherBox, or if you have additional questions, you can contact me by e-mailing [Richard.Pollman@noaa.gov](mailto:Richard.Pollman@noaa.gov) or by calling (248) 625-3309 Ext. 726.

We hope that you find the WeatherBox helpful for the weather portion of your curriculum!

Sincerely,  
Richard B. Pollman  
Warning Coordination Meteorologist  
National Weather Service White Lake, MI