

Name _____



The AQI and Weather

Focus Questions:

Is the Air Quality Index (AQI) related to weather conditions? List the weather conditions that might influence air quality below.

1. _____
2. _____
3. _____
4. _____

Write a hypothesis to test using the AQI information related to weather.

Directions:

1. On the Internet, go to: <http://www.deqmiar.org> and <http://airnow.gov/>. Determine the site that will provide information for your hypothesis. Look in the newspaper, watch TV, or go to the Weather Channel (<http://www.weather.com>) or Weather Underground (<http://www.wunderground.com>) to find out the weather forecast for your site.
2. Describe the weather forecast and predict the AQI. Go to the AQI web site to determine the actual AQI. You can also check the MDEQ's predictions.

Location of Site: _____

Date	Weather Forecast	Predicted AQI	Actual AQI

6. Study the data. Was your hypothesis supported? Were your predictions correct? Summarize your conclusion in the space below.