

# Visibility Volunteers Instruction Sheet

**Read these instructions before getting to the trailhead!**

## For Your Hike Bring:

1 Ozone Detector Card

1 data sheet

A camera (disposable, or personal film or digital photos accepted)

A compass, map and altimeter (if altimeter not available use map contour lines)

## General Instructions:

Do not use kits when it is raining. Rain hitting the ozone cards will result in incorrect readings. This includes heavy cloud cover at high elevations.

## Ozone Detector Cards:

- Read the ozone levels 5 times during your hike, spread measurements out evenly throughout the day.
- Read each measurement after removing silver tab and waiting 10 minutes. Note location, time of day that tab is removed and that measurement is recorded, elevation and ozone level after ten minutes of exposure to air.
- Be sure that when you initially remove the silver tab that the spot is reading 1, coloration indicates card has been contaminated.\* **Do not use a contaminated card.**

**\*IMPORTANT:** The ozone cards do have a shelf life and can "go bad" especially if left in a damp or very hot location like your car. To insure your measurements are valid turn card over and check for an obvious brown halo bleeding through around any of the five sample spots. If you can see this do not use the card.

## Visibility Photographs:

- For your day hike please take only 1 photo of the best view from a summit or clearing between noon and 5 pm.
- Note the photograph number, location and direction of photograph, the general weather conditions, time of day, and, if possible, an altimeter and compass bearing.
- A photocopy of a map with the marked location of where the photo was taken would also be very helpful.
- A compass reading should be taken centered in the middle of the photograph view.

Please submit the ozone data sheets once completed and photos as developed.  
*Send everything to: Georgia Murray, Air Quality Scientist, Pinkham Notch Visitor Center, PO Box 298, Gorham, NH, 03581.*