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Interactive comment on “Evaluating local anthropogenic impact on remote Arctic monitoring stations: a case study at Summit, Greenland” by G. S. W. Hagler et al.

Anonymous Referee #2

Received and published: 12 February 2008

General comment

This paper is dealing with potential contamination of the activities at Summit (Central Greenland) on concentrations measured in air and snow samples. The focus is place in EC measurements. Overall, the paper is clearly written and leads to clear conclusions on the level of contamination by the camp and the associated risk according to sampling location. It will be extremely helpful to design further experiment in this and other remote locations. According to me, it merist publication with minor revisions. However, the ms could be a bit shortened in some parts.

Specific comments 1) I agree with reviewer #1 that the title should only mention Sum-

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mit. 2) for readers not familiar with the Summit camp, it would be helpful if the paper presents a map of the camp or gives a web address where such a map is available. 3) some comments should be made on how are handled the days with flights at camp. Are they excluded from figure 1? Is the wind sector controller taking care of that?

Interactive comment on *Atmos. Chem. Phys. Discuss.*, 8, 1239, 2008.

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8, S157–S158, 2008

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