

Interactive comment on “Black carbon (BC) in North Tibetan Mountain; Effect of Kuwait fires on glacier” by Jiamao Zhou et al.

Anonymous Referee #2

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This article investigates the large Kuwait fires on BC deposition on the ice core at Muztagh Ata Mountain, Northern Tibetan Plateau and the related radiative forcing. It has an excellent scientific point and is meaningful for the current Tibetan Plateau experiments. I strongly suggest the acceptance and quick publication of the article. Following are some comments and suggestions for the paper:

- (1) In Fig.1, the topography should be plotted to illustrate the plateau characteristics.
- (2) In Fig.2, the BC measurements were much lower during Apr to May of 2004, and sharply increased on Jun, while the model results were very flat, the author should give some explanations.
- (3) I suggest the author make more discussion on the possible impact of the change of

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ice on regional climate, such as the flood, the drought in china.

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