

Interactive comment on “Concentration, temporal variation and sources of black carbon in the Mount Everest region retrieved by real-time observation and simulation” by Xintong Chen et al.

Anonymous Referee #1

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The manuscript investigated the seasonal and diurnal variations of BC and its potential source regions in the Tibetan Plateau. It is significant to research the effect of pollutant aerosol on the Tibetan Plateau. But there are some comments to improve the manuscript. 1. Merge Table 1 in Figure 1. So the reader can directly see the distribution of BC in the Tibetan Plateau. 2. Figure 2 and Figure 6 are redundant. The weather data is not significant in the research. 3. Add some important references to compare with the results, e.g. Xin et al., BAMS, 2015. 4. Compare the BC concentration of WRF-Chem with the observation in the Tibetan Plateau.

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