

Interactive comment on “Measurement and estimation of the aerodynamic resistance” by S. Liu et al.

S. Liu et al.

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The authors thank Referee #2 for the detailed review and comments on this paper. Following is our response.

1. Referee #2 mentioned that the values measured with the evaporation pan in Figure 1 were occasionally > 250 s/m but were not used in the comparison graphed in Figure 3. Because the evaporation pan have a larger measurement error at night, so we use data during 7:00-17:00 for diurnal variation analysis and data during 10:00-17:00 for comparison of the two methods to measure the aerodynamic resistance. We will consider using data during 7:00-17:00 for both in the revised paper.

2. We agree with referee#2 that the structure of the paper should be improved. We will put the performance criteria and methods used for sensitivity analysis into the method

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section in the revised paper.

3. We agree with referee#2 that some English writing should be perfected, such as removing “respectively” on p.683, “L” in lower case on p.683 and r in 2 significant numbers, etc.

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