

Interactive comment on “Climate, snow, and soil moisture data set for the Tuolumne and Merced River watersheds, California, USA” by James W. Roche et al.

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Thank you to Dr. Bruce McGurk for providing helpful feedback. Please find below a response to your comments.

RC2: 1. We have clarified the explanation of how hourly precipitation data was processed. Data for TUM and VLR were not scaled with snow pillow data. Rather, positive hourly increases were multiplied by a constant so that the 24-hour sum equaled the daily total.

We have noted the stark difference between these measured values and those from

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the PRISM product and identified how these data may be useful in a larger context (i.e. as scaling factors for nearby snow pillows in order to estimate precipitation amounts or to better estimate precipitation timing).

2. We have corrected the formatting in Table 3.

3. We have corrected the name of the California Data Exchange Center in Table 2.

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