Interactive comment on “Cold smoke: smoke-induced density currents cause unexpected smoke transport near large wildfires” by N. P. Lareau and C. B. Clements

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We thank the reviewer for their thoughtful consideration of our manuscript.

We agree that this case should be used as a reference case for future modeling investigations of the feedbacks between smoke radiative processes and boundary-layer dynamics.

"I would only propose to add the scale of wind vectors on Fig.4a."

We have added a scale vector to Fig. 4a to aid in interpretation.
The modified figure is attached to this response and will be included in the final manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 17945, 2015.
Fig. 1.