

Interactive comment on "Climate change and climate-driven disturbances in the San Juan River sub-basin of the Colorado River" by Katrina E. Bennett et al.

Anonymous Referee #1

Received and published: 3 September 2017

REFERENCES:

Bearup, L.A., Maxwell, R.M. and McCray, J.E., 2016. Hillslope response to insect-induced land-cover change: an integrated model of end-member mixing. Ecohydrology, 9(2), pp.195-203.

Bearup, L.A., Maxwell, R.M., Clow, D.W. and McCray, J.E., 2014. Hydrological effects of forest transpiration loss in bark beetle-impacted watersheds. Nature Climate Change, 4(6), pp.481-486.

Carroll, R.W., Huntington, J.L., Snyder, K.A., Niswonger, R.G., Morton, C. and Stringham, T.K., 2017. Evaluating mountain meadow groundwater response to Pinyon-

Juniper and temperature in a great basin watershed. Ecohydrology, 10(1).

Livneh, B., Deems, J.S., Buma, B., Barsugli, J.J., Schneider, D., Molotch, N.P., Wolter, K. and Wessman, C.A., 2015. Catchment response to bark beetle outbreak and dust-on-snow in the Colorado Rocky Mountains. Journal of Hydrology, 523, pp.196-210.

Penn, C.A., Bearup, L.A., Maxwell, R.M. and Clow, D.W., 2016. Numerical experiments to explain multiscale hydrological responses to mountain pine beetle tree mortality in a headwater watershed. Water Resources Research, 52(4), pp.3143-3161.

Pribulick, C.E., Foster, L.M., Bearup, L.A., Navarre-Sitchler, A.K., Williams, K.H., Carroll, R.W. and Maxwell, R.M., 2016. Contrasting the hydrologic response due to land cover and climate change in a mountain headwaters system. Ecohydrology, 9(8), pp.1431-1438.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2017-204, 2017.