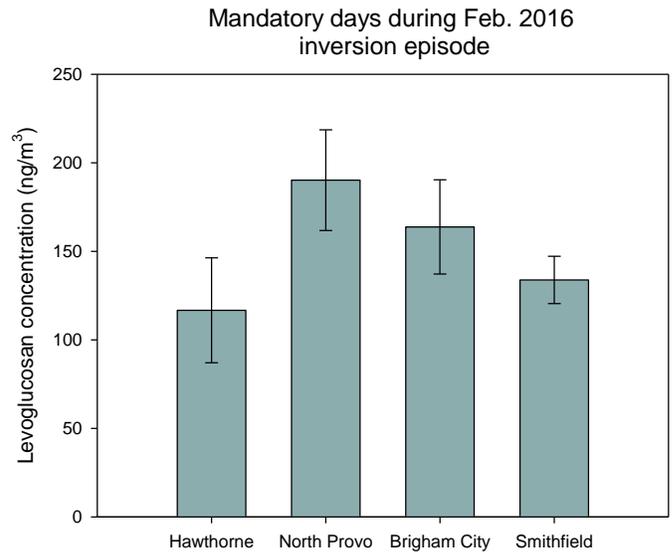
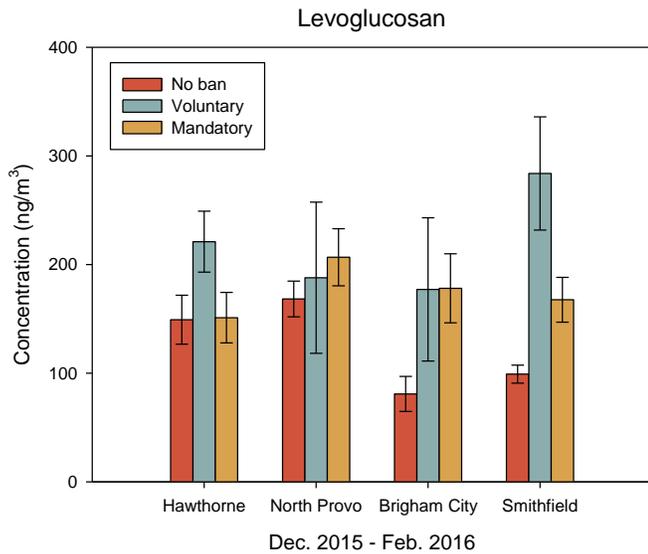


## Wood Smoke Contribution

Levoglucosan displayed a similar trend at all sampling sites throughout northern Utah, with concentrations varying across burn and no-burn days. Comparable or higher concentrations overall were measured on mandatory no-burn days compared to days when there were no burning restrictions in place. This was true even during periods when inversion conditions were present. The right-hand chart shows that significant levoglucosan concentrations were measured on mandatory no-burn days during the February 2016 inversion episode. This suggests that residential wood-burning contributes to PM<sub>2.5</sub> during inversion episodes.



\* (ng/m<sup>3</sup>) = nanograms per cubic meter