REI Toolkit Workshop 14 July 2006

GREEN TEAM - Participants:

Dianne Ahmann, University of Oregon Terri Boake, University of Waterloo Cliff Kotnik, Colorado Springs Jim Minner, Global Renewable Energy Jack Beal, Colorado Springs Dept of Corrections Rhett McNallie, Denver Colorado Jimmy Broomhall, Broomhall Brothers, Denver

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HYPOTHESIS:

"This building today has no stratification in the main space from the bottom to the top adjacent to the climbing stone, greater than 1 degree F."

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METHODOLOGY: Although the desire was to put the hobos on the rock, from the rock, it was not permitted (safety reasons!) so we decided to hang them in the space nearby by mounting them on strings and hanging them from the steel beams.

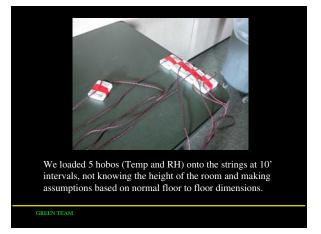


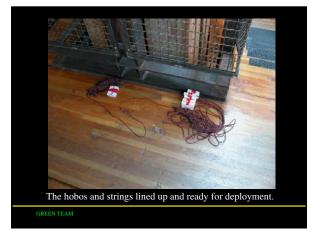


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Hobos were taped to the string using the 5' long tables as our measuring device. GREEN TEAM









We threw the string over the beam and then lowered the hobos to the floor.
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Lowering the hobo string from the third floor balcony.

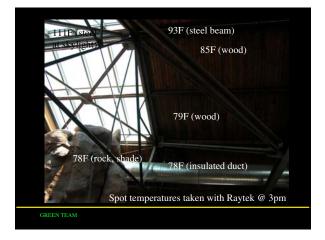




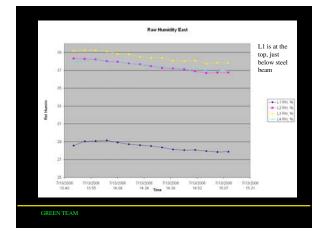


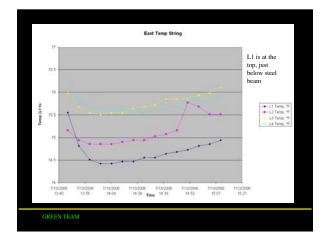
The top hobo was situated just inches below the underside of the bottom flange of the steel beam that spanned across the space.

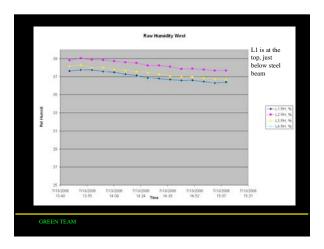


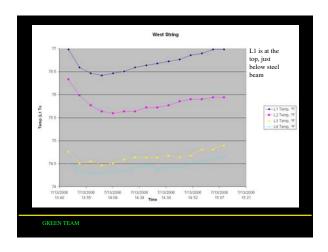


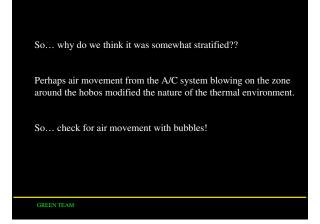


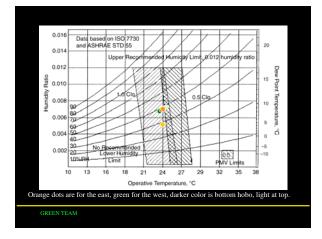












CONCLUSION:

The temperature was stratified by more than 1 degree F, BUT!!!

In checking the all important "comfort zone", none of the temperatures or RH factors were outside of acceptable measurements.

Lack of stratification is likely attributable to the high velocity of the A/C system and the movement of Tool Day participants running up and down the stairs adjacent to the hobos.