

Frequency Analysis of Disdrometer Data Collected at LEO-E.

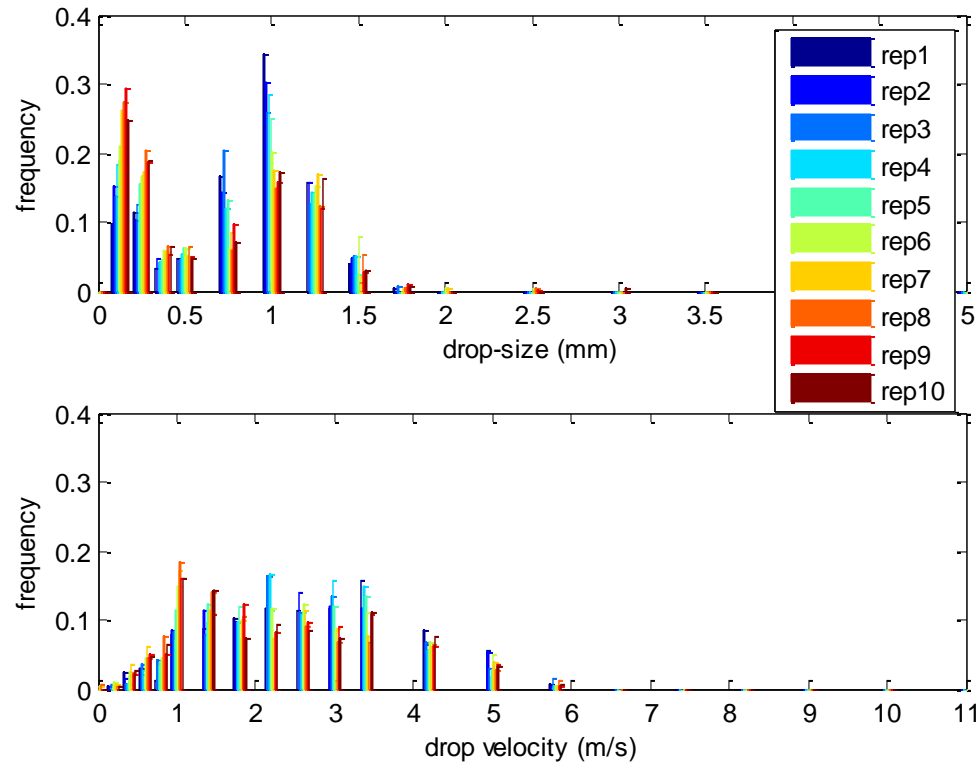
Slides 2-7 show frequency distributions of drop size and drop velocity. Data are shown for each of 10 replicate tests per irrigation circuit (5 replicates tests performed from measurement locations at both upslope and downslope positions). Replicates 1-5 show data where the measurement location was upslope; replicates 6-10 show data where the measurement location was downslope.

Slides 8-13 show the same data in boxplots, where data from all 10 replicate tests per circuit are lumped together.

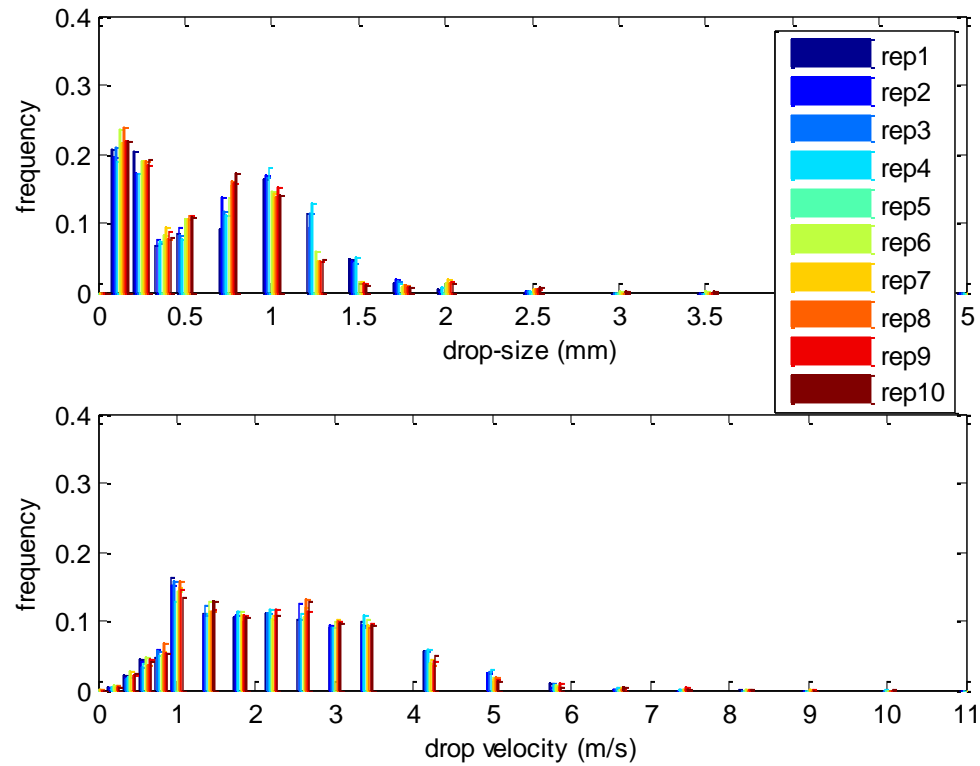
Slides 14-19 show the bivariate frequency distributions of drop size and drop velocity for each circuit using 2-d colormaps. Here again, data from all 10 tests are lumped together.

Note: For all plots, circuits 1-5 correspond to the individual irrigation circuits, based on their orientation (actual location at the site) from left to right looking downslope. Circuit 6 corresponds to the scenario where all 5 circuits are operating simultaneously.

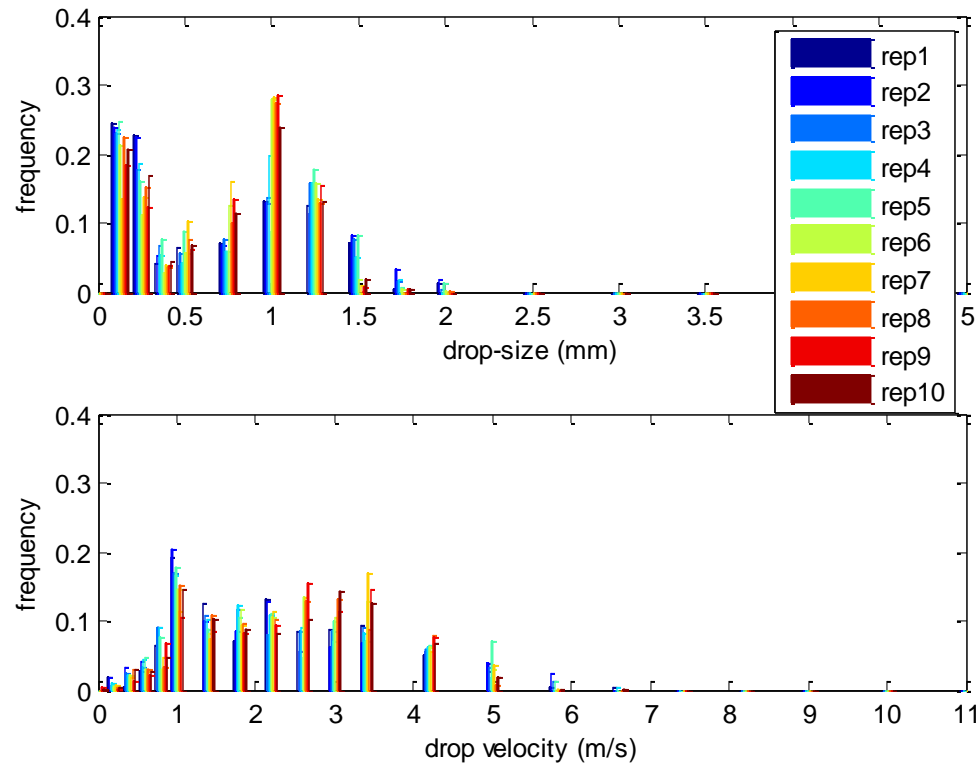
Circuit 1



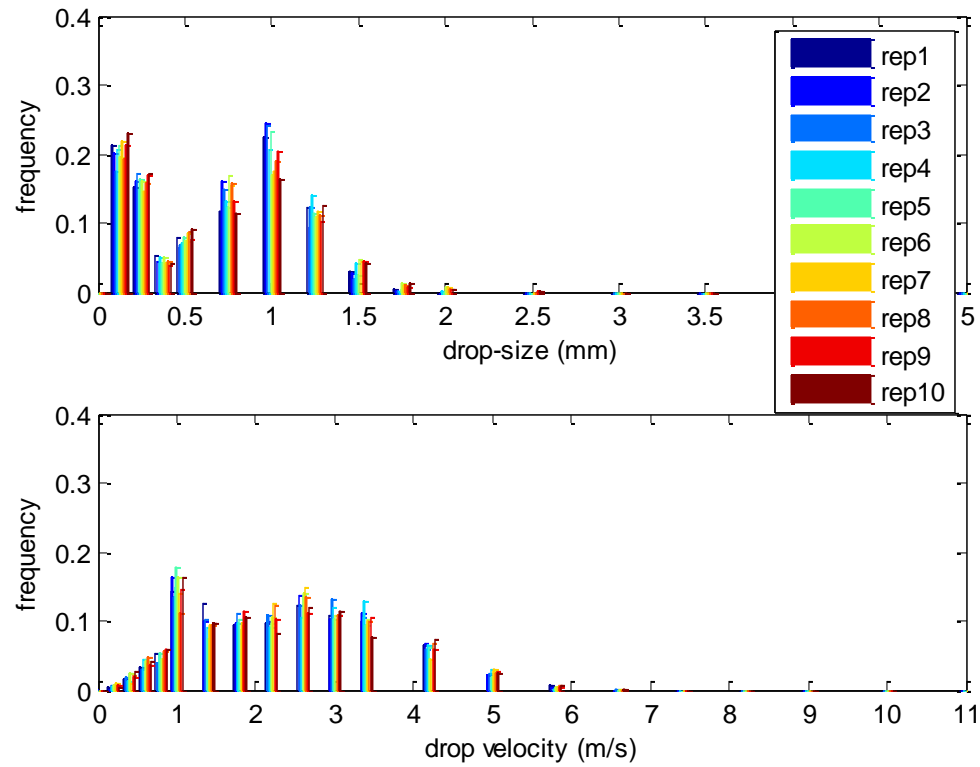
Circuit 2



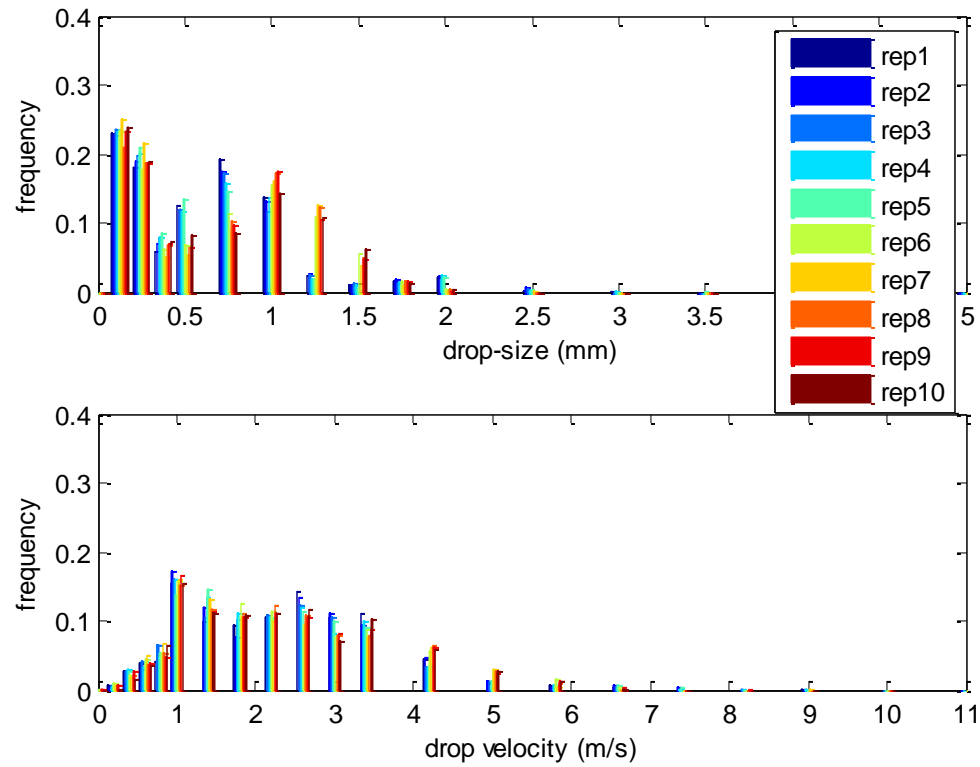
Circuit 3



Circuit 4



Circuit 5



Circuit 6

