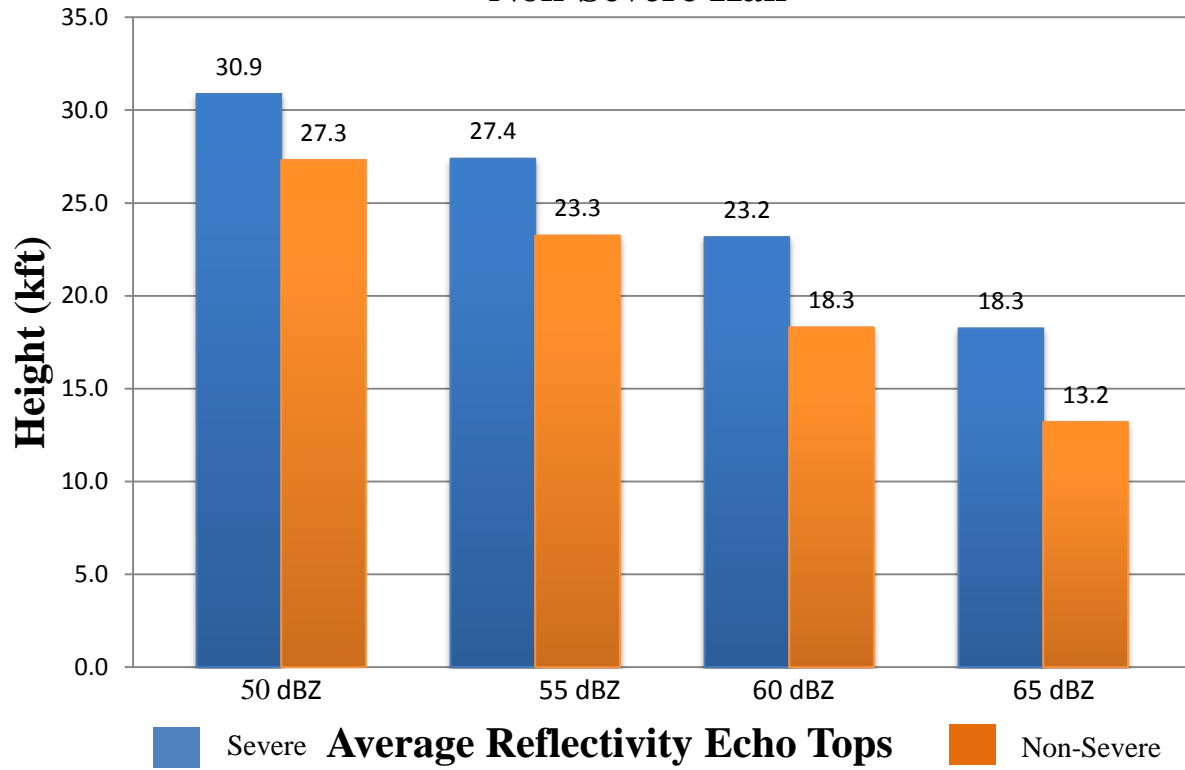


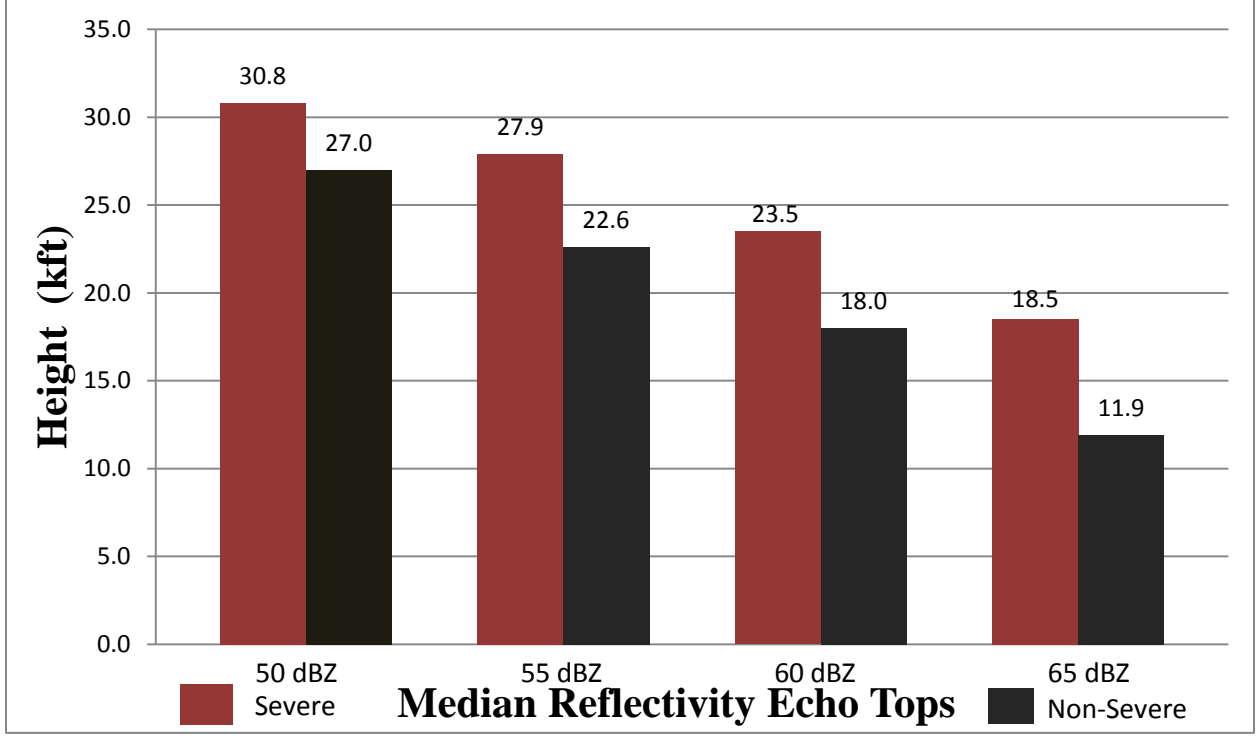
**Statistics from the Albany 1" Hail Study by Brian Frugis and Tom Wasula**  
*Based off 384 hail events from 2005-2010 from the Albany CWA*

	<b>SEVERE 1.00"+ (Quarter or Larger) Hail</b>	<b>NON-SEVERE 0.25"- 0.88" (Nickel or smaller) Hail</b>	<b>Difference</b>
<b>Average Height of 50 dBZ Echo Top</b>	<b>30.9 kft</b>	<b>27.3 kft</b>	<b>3.6 kft</b>
<b>Average Height of 55 dBZ Echo Top</b>	<b>27.4 kft</b>	<b>23.3 kft</b>	<b>4.1 kft</b>
<b>Average Height of 60 dBZ Echo Top</b>	<b>23.2 kft</b>	<b>18.3 kft</b>	<b>4.9 kft</b>
<b>Average Height of 65 dBZ Echo Top</b>	<b>18.3 kft</b>	<b>13.2 kft</b>	<b>5.1 kft</b>
<b>Average Height of 50 dBZ Echo Top above -20° C Isotherm</b>	<b>8.7 kft</b>	<b>5.5 kft</b>	<b>3.2 kft</b>
<b>Average GVIL (kg/m<sup>2</sup>)</b>	<b>50 kg/m<sup>2</sup></b>	<b>44 kg/m<sup>2</sup></b>	<b>6 kg/m<sup>2</sup></b>

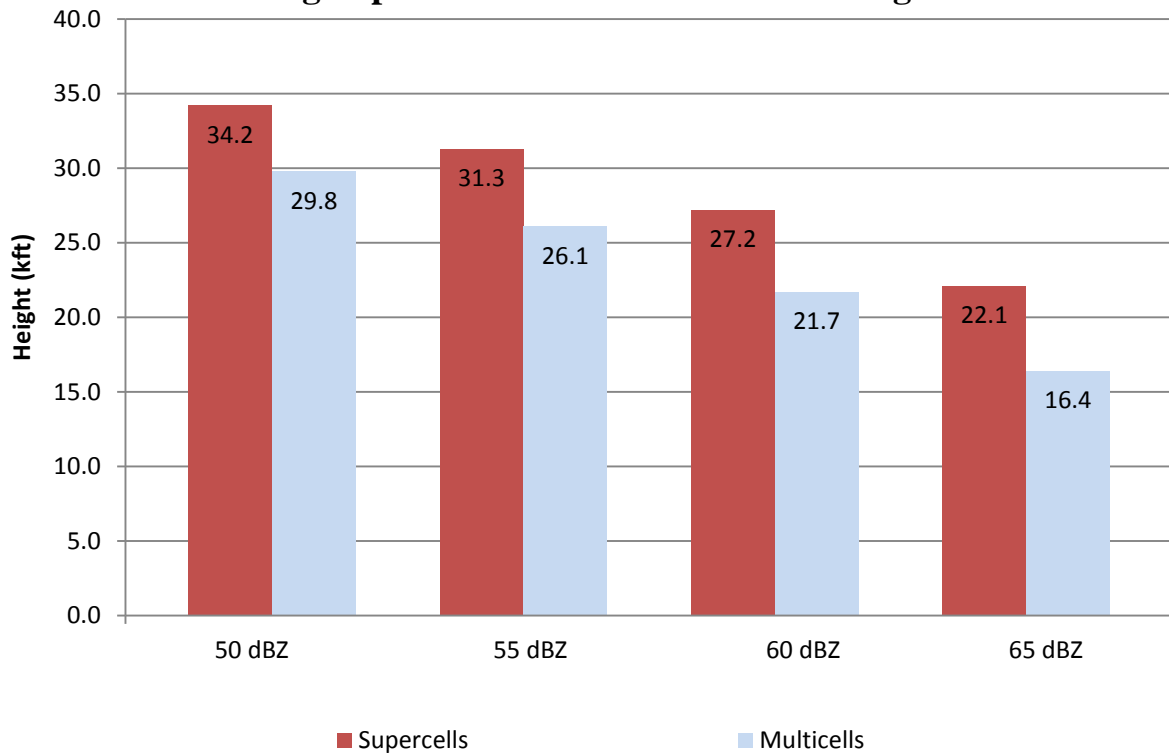
## Average Reflectivity Echo Top Values of Severe vs. Non-Severe Hail



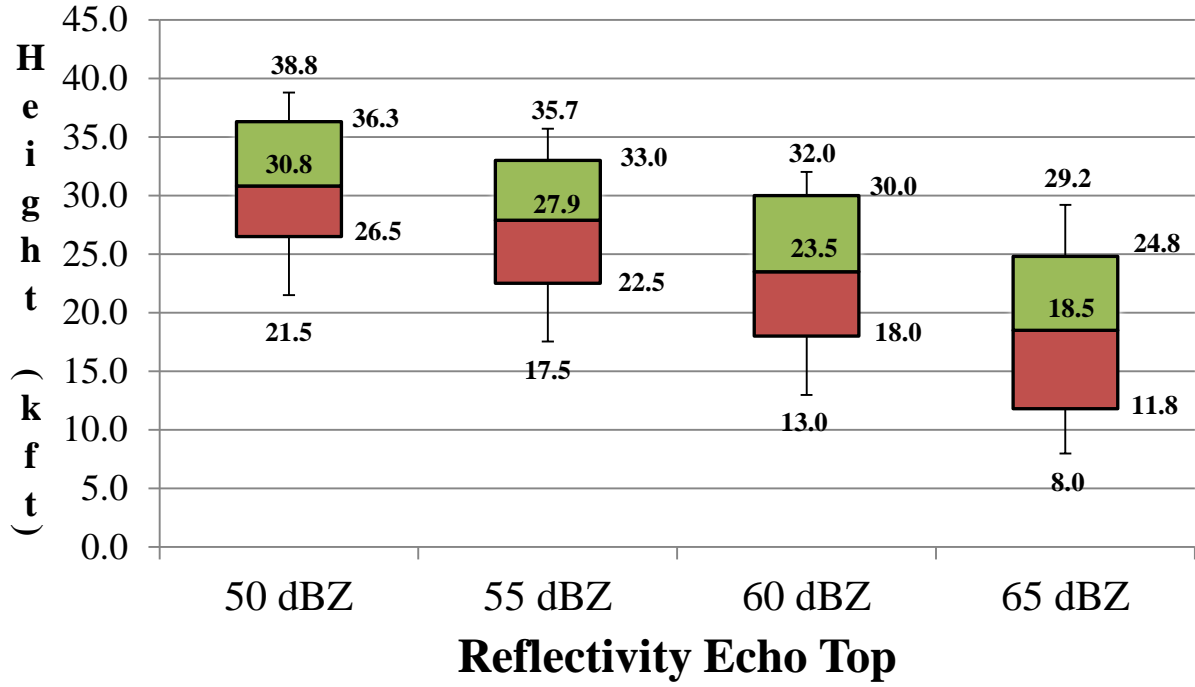
**Median Reflectivity Echo Top Values of Severe vs. Non-Severe Hail**



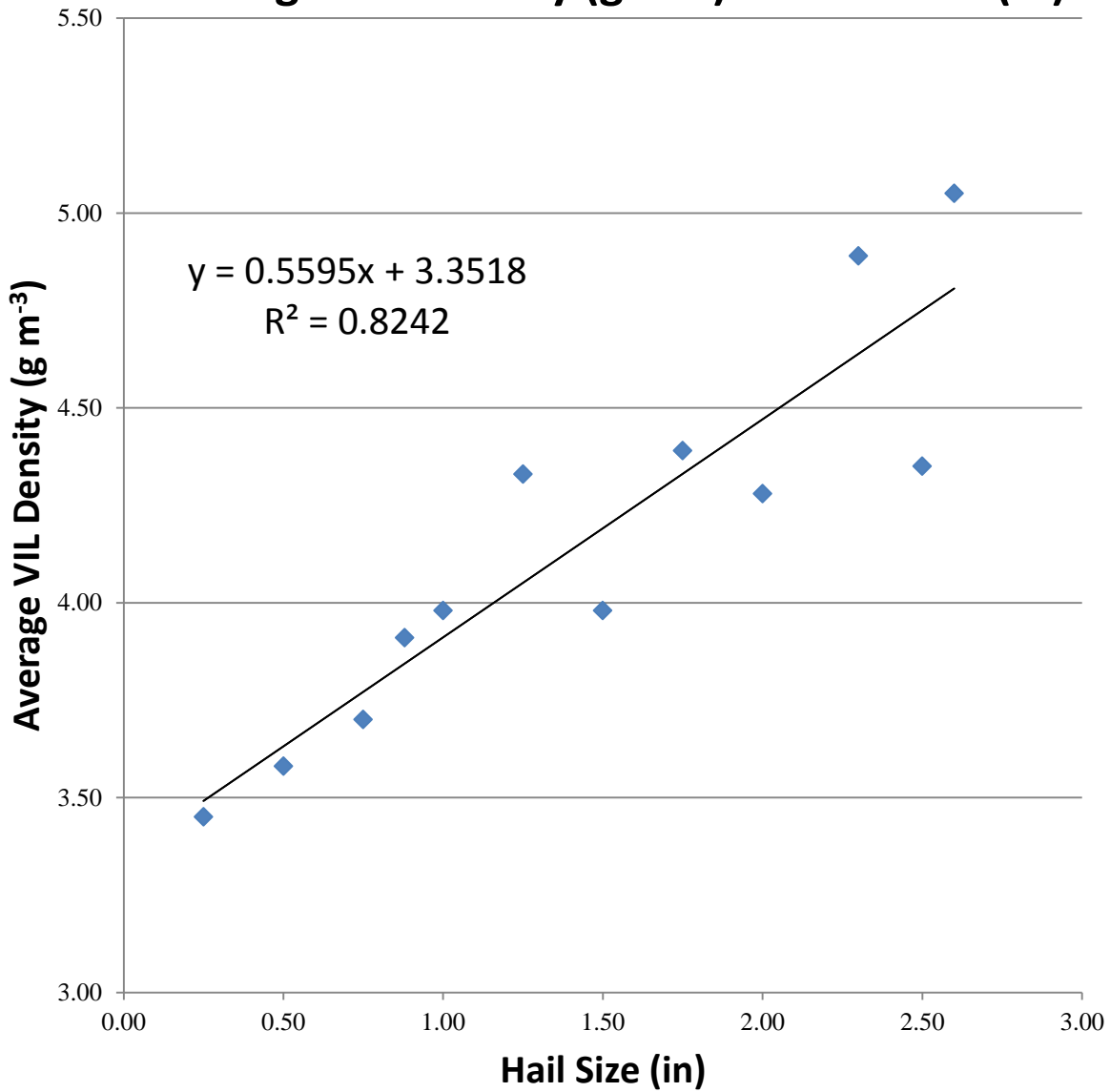
### Average Reflectivity Echo Top Values for Severe Hail Producing Supercells vs. Severe Hail Producing Multicells



# Severe Hail (n=177)



### Average VIL Density (g m<sup>-3</sup>) vs. Hail Size (in)



### Average 50 dBZ Echo Top vs. Hail Size (in) (n=368)

