

## CALIFORNIA STATE SCIENCE FAIR 2014 PROJECT SUMMARY

Name(s)	Project Number
Cole D. Lorch	J1115
Project Title	
The Dew Point Dilemma	
Abstract	
<b>Objectives/Goals</b> To figure out if cars and houses on my block form frost maway. My hypothesis: If I measure dew point within a few vary.	
<ul> <li>Methods/Materials <ul> <li>I selected 9 locations that were 1/10th of a mile away from was the central control location. I made sure that the locati Starting at 6:00 am in the morning, for 8 days I went with bulb and dry bulb temperatures on a sling psychrometer. Thumidity and dew point for each location on each day. I realso used an anemometer to measure the wind, but found t</li> </ul> </li> <li>Results <ul> <li>Overall, the higher elevations had a lower dew point and a</li> </ul> </li> <li>Conclusions/Discussion <ul> <li>The control location did have lower dew point and relative elevation. But the control location did not have a lower de that had a higher elevation.</li> </ul> </li> </ul>	ions varied from lower to higher elevation. my mom to each location to measure the wet Then I used the temperature to find relative otated the order that I went to each location. I hat there was no wind at that time of day. I lower relative humidity.
<b>Summary Statement</b> My goal was to find out why cars and houses in my block houses a block or two away.	appeared to have frost more often than cars and
Help Received	
The mentors helped me. My mother drove me to the exper created the diagram showing each location on the hill I t printed the project text on her work printer.	