



2010

MASSACHUSETTS CLEAN TECHNOLOGY AWARDS

A Program from The Foresight Project Inc; www.theforesightproject.org



Region IV: Northeastern
Massachusetts

Michael May: Locke Middle
School, Billerica

Climate Science: *Will Fresh
Water Freeze Faster than
Salt Water?*

About Me:

My family is great. I have two brothers. I love school. I like to play board games. I have many after-school programs that I enjoy a lot. I have five cats; their names are Afflack, Sculy, Scrapper, Rambow, and Zorro. I am interested in many things that I see interesting. I hope to be a teacher someday. I LOVE LIFE!!!!

My Project:

I became interested in this particular subject because I wanted to know if adding salt to water would change the way that it freezes. When I added the salt, the fresh water did freeze faster than the water with salt in it. The salt water also took a longer time to defrost (thaw).

When I read about this for a project, I thought it was very interesting, and I wanted to see if it was true for myself.

[Editor's note: Since the ocean is salty, the way that salty water freezes is very important in ocean circulation.]