

## CWSF 2012 - Charlottetown, Prince Edward Island



### Elora Weiler

#### Carbon Fingerprint

**Challenge:** Environment

**Category:** Junior

**Region:** East Parry Sound

**City:** Emsdale, ON

**School:** Evergreen Heights Education Centre

**Abstract:** The greenhouse effect keeps heat in, which implies that it would take longer for the earth to cool down at night. I loaded hourly weather data from the Environment Canada web site into a database and analyzed it. I found that the cooling time is getting longer for the weather station I studied, this supports the greenhouse effect as the cause of global warming.

#### Biography

Elora is a grade eight, honour role student at Evergreen Heights Education Centre where she is a member of the student council. Her favourite subjects are math, science and art. Elora's interests include figure skating, cross-country skiing, violin, theatre and singing. Elora also enjoys helping out with some of these activities, in skating she is a program assistant and in skiing she is an assistant coach. Elora is extremely excited to be attending the CWSF for a second year.

#### Awards

#### Value

Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	\$700
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 700