POLAR DETECTIVES



Using Ice Core Data to Decode Past Climate Mysteries



Resources

HOME EDUCATORS STUDENTS PUBLIC COOL STUFF CONTACT US For Educators This is where the journey begins for you and your students! To ensure quality educational apparances, the Ire Drilling Program's (DRO) selection reflects which with the U.S. community of ice coring researches and ice defining engineers to deliver the blasts pathorished decreases from the executes to fresh and and informal advication florage interests and executes to reflect to make your needs. Materials are currently being developed that utilize a perblem-based, quied inquiry approach, with content that addresses multiples science, technology, math and climate flateracy standards. Incorporating learnings, or and definition searches, and executes and execute the proposal proposal proposal provide insight, but his to be you and in the proposal proposal provide insight, but the proposal proposal provide insight, and the proposal provide insight and control insight of the provide insight, and the provide insight is controlled in the provide insight in the provide insight is controlled in the provide insight in the provide insight

Polar Detectives Activity:

http://www.climateexpeditions.org/educators/activities.html

Webinar with science background:

http://learningcenter.nsta.org/products/symposia_seminars/NSF/webseminar3.aspx

US Ice Drilling Program Info:

- www.icedrill.org
- www.climate-expeditions.org
 Watch this site for revisions!

A Discrepant Event....

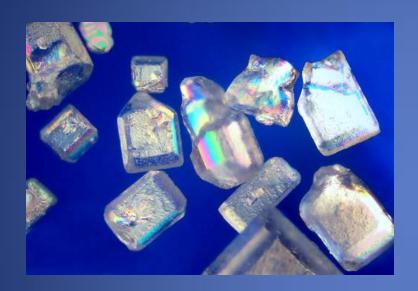
Our question: What caused the



A hypothesis:

Evidence archived in ice cores...

Investigating physical properties



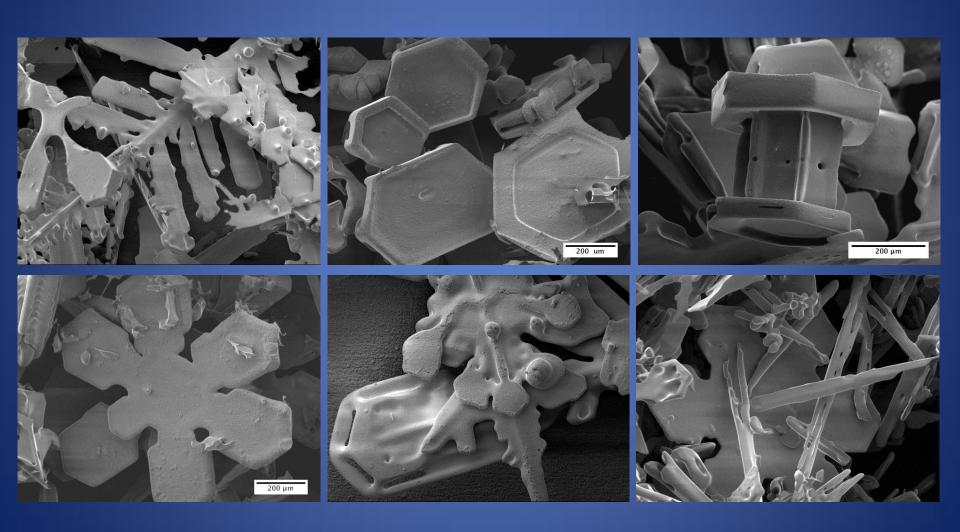
Summer



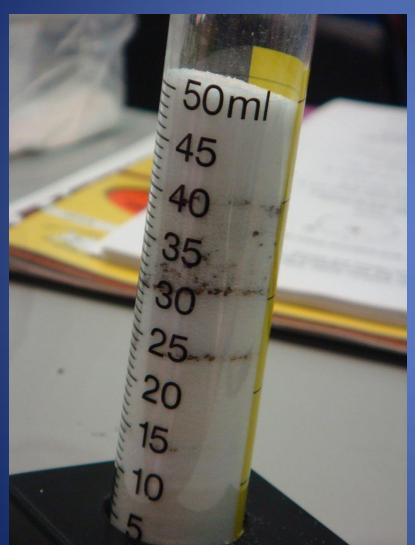
Winter

Size, color, crystal shape...

SEM Images of the Real Thing



Modeling An Ice Core



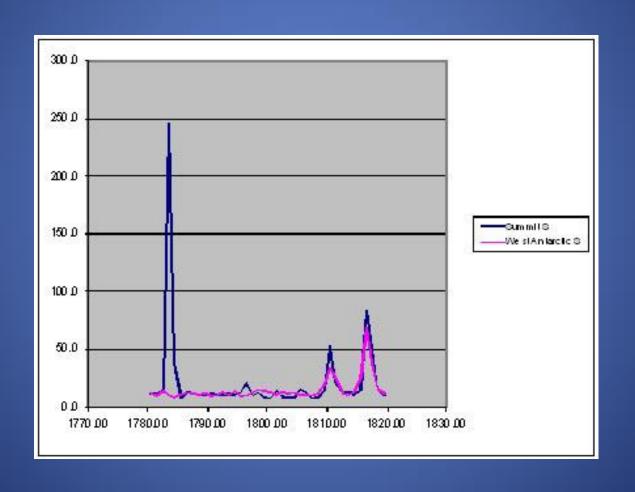


Snow builds in visible layers

Recent Core From WAIS



Critical Thinking About Results



Please give us feedback ©





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