CANDAC
Canadian Network for the Detection of Atmospheric Change

Photo Credit:
Cristen Adams, 2008

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Link for High-Resolution Photo:
http://www.candac.ca/candac/Links/Media/Images/CA-2008-outreach-RB_AM.jpg

Caption:
Rebecca Batchelor, a Postdoctoral Fellow at the University of Toronto, talks to a young visitor while Andrea Moss, a student at The University of Western Ontario, plays with a husky puppy during an outreach session in Grise Fiord, Nunavut Territory. This was one of the Canadian activities undertaken by the Canadian Network for the Detection of Atmospheric Change (CANDAC) for the International Polar Year (2008-09).

Summary:
The Canadian Network for the Detection of Atmospheric Change (CANDAC) is a collaboration between university researchers and government departments formed in 2005. Among other projects, CANDAC operates the Polar Environment Atmospheric Research Laboratory (PEARL), located on Ellesmere Island at Eureka, Nunavut (80N, 86W). PEARL contains instrumentation to study the atmosphere from the ground to about 100 km. Since the laboratory is at 600 m above sea level, an additional site – the Zero altitude PEARL Auxiliary Laboratory (ØPAL) - was established beside the Environment Canada weather station at approximately sea level. In addition, the Surface Atmospheric Flux and Irradiance Remote Extension (SAFIRE) site, established for instruments that require a degree of isolation, is located near the Eureka runway.

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