



CANDAC

Canadian Network for the Detection of Atmospheric Change

Photo Credit:

Tara Cunningham, 2008

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Link for High-Resolution Photo:

<http://www.candac.ca/candac/Links/Media/Images/TC-2008-outreach-JT.jpg>

Caption:

Jeff Taylor, a Postdoctoral Fellow at the University of Toronto, talks to students at Ulaajuk School in Pond Inlet, Nunavut Territory in May 2008. This was one of the Canadian IPY activities undertaken by the Canadian Network for the Detection of Atmospheric Change (CANDAC).

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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