

Metadata Input Form (* Mandatory fields)

Data Identification Information (Basic information about the data set)

Please use this template and save in your files as a backup of your metadata. Simply copy/paste information onto website.

Click on grey rectangles to type text

Title of data: *(e.g. Climate data in Northern Québec)
5-Minute Camera Stills

How should the data be cited: *(As unpublished data or a journal reference)

(Maximum characters: 500, including spaces)

Study Site: *
Environment Canada Weather Office in Iqaluit, NU

Purpose: * (A summary of the intentions with which the data set was developed)
providing images of the sky and current surface conditions over the duration of
the project

(Maximum characters: 1500, including spaces)

Abstract: * (description of methodology and data type, e.g., interviews, physical
and chemical variables, imagery, recordings, maps and other spatial data,
profile, etc.)

A Campbell Scientific CC680 still imaging camera was installed during the STAR field project. Camera stills were taken every 5 minutes project. The camera was facing north and had a direct view of the 10-m tower weather station (A3) . An overnight light was installed so that conditions could still be monitored during darkness, which was the norm for much of the project. Data was continuously written to a compact flash card in *.jpg format. Each image was > 200 kb in size. Based on the image size, and card memory, the card reached its capacity every 5 days. Instead of letting to card fill, the compact flash was downloaded daily, which means that each day of data there might be one or two missing photographs in succession during the time when the card was downloaded. During the Winter Blowing Snow Project the cameras sampling resolution was adjusted so that it could be left without downloading for longer periods. Between February 24-April 10, photos were taken every 30 minutes. Images taken with the 5-min camera have a time stamp on the actual photo. Time is in local standard, and was not adjusted for daylight savings (Nov 4 - 2:00am). Users should be aware of this when using at data files.

(Maximum characters: 1500, including spaces)

Data Originators: *(e.g. name of data collector(s))
(Do not enter duplicate originators)
John Hanesiak, University of Manitoba CEOS, Winnipeg, MB

Ron Stewart, University of Manitoba CEOS, Winnipeg, MB

Kent Morre, University of Toronto, Toronto, ON

Peter Taylor, York University, Toronto, ON

Walter Strapp, Cloud Physics and Severe Weather Division, Environment Canada, Ottawa, ON

Mengistu Wolde, Flight Research Laboratory, National Research Council of Canada, Ottawa, ON

Links to data (if available, [enter NI Email address if direct link is not yet available](#)):

Status of data: * [Click on grey rectangle to view scroll down menu](#)
Completed

Maintenance and update frequency: * [Click on grey rectangle to view scroll down menu](#)
Daily

Geographic Coordinates (in decimal format)

Research Area *

[Coordinates should be in the range of -90.0000 to 90.0000 for the latitude and -180.0000 to 180.0000 for the longitude](#)

North (latitude N): 63 deg 44.86 min

South (latitude N):

West (longitude W): - 68 deg 32.698 min

East (longitude W):

Time Period (covered by the data set)

* [Select entry from scroll down menu on website](#)

Start Year: * 2007

End Year: * 2008

Start Month: * October

End Month: * February

Start Day: * 10

End Day: * 29

Keywords (see Keywords Library)

(e.g., Air, temperature, Precipitation, Photosynthesis, Ocean, Soil, Bacterial production, Climate, Land, Policy, Charr)

* Select entry from the scroll down menu on the website or consult the Keywords Library

Keyword 1: *sky and surface condition

Keyword 2: *

Keyword 3: *

Keyword 4: *

Keyword 5: *

Keyword 6:

Keyword 7:

Keyword 8:

Keyword 9:

Keyword 10:

Security

Access: * Click on grey rectangle to view scroll down menu
Public