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)
Snowflake Microphotography data in Iqaluit, NU - STAR project

How should the data be cited: *(As unpublished data or a journal reference)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)
- provide detailed precipitation characteristics that occurred in Iqaluit,
- to be used in conguction with radar data and laser precipitation data to identify local precipitation characteristics and evolution during precipitation events.
- valdation/comparison of Cloudsat and other satellites
(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.)
Photos of precipitation particles were taken using a Nikon D1x camera during six precipitation events over the fall field campaign. Temporal resolution of the photographs varied from five-minutes to one-hour. Photos were take in the Upper Air Shed at the weather office.
Files are stored in a *.jpg format with average individual file sizes of >2 MB per photo. During the observation periods, coincident photos were taken of sizing scale before a photo of precipitation. If the zoom was ever adjusted, a new photo of the sizing scale was taken.
(Maximum characters: 1500, including spaces)

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

John Hanesiak,University of Manitoba CEOS, Winnipeg, MB

Kent Moore, 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°44.830'

South (latitude N):

West (longitude W): 68°32.657'

East (longitude W):

Time Period (covered by the data set)

* Select entry from scroll down menu on website

Start Year:* 2007 End Year:*2007
Start Month:*Oct End Month:*Novemember
Start Day:* 17 End Day:*30

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:*precipitation

Keyword 2:*precipitation particle evolution

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