EOL MetaData Template for "STAR Upper Air Soundings"

Dataset Title - The dataset title that will publicly appear in the data archive. EOL may modify for project consistency.

STAR Upper Air Soundings

Dataset Author(s) - List dataset authors. Indicate lead and corresponding authors. Include contact information.

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Time of Interest - Include begin and end dates (i.e., YYYY/MM/DD hh:mm:ss to YYYY/MM/DD hh:mm:ss).

2007/10/05 00:00:00 to 2008/11/01 00:00:00

Area of Interest - Include GeoLocation information (latitude/longitude box) (e.g., 40.00 to 45.50; -95.37 to -110.00).

57.50 to 72.50; -62.50 to -87.50

Data Frequency - Frequency of data collection (5 minute, hourly, continuous, etc.).

Determine from Data

Data Spatial Type - ISO metadata SpatialRepresentation (vector, grid, textTable, tin, stereoModel, video, etc.) which describes how the geographic nature of the data is represented.

Point Data

General Dataset Description - Short description of this dataset.

This dataset contains upper air meteorological rawinsonde soundings from the operational Environment Canada observing stations in the STAR domain. The data contain multiple stations in the STAR domain with soundings taken twice per day at (00 and 12 UTC).

Iqaluit was the only location on southern Baffin Island where regular 12-hourly upper-air observations were made. During storms and other significant weather events, the standard upper-air releases were supplemented with additional radiosondes at 3- or 6-hourly intervals. From the period of 10 October–30 November 2007, there were 51 special radiosonde releases. A portable radiosonde unit was deployed in the community of Pangnirtung to conduct simultaneous releases with those in Iqaluit during selected severe weather events. A total of 18 radiosondes were released in Pangnirtung between the dates of 2 and 18 November 2007.

File Names - List names of files transferred.

Determine from Data

Data restrictions - Indicate if dataset needs to be restricted. Password protection is available for a dataset upon request. A dataset will NOT be password protected unless requested at the time of submission or as specified in this project's Data Policy. If password protection is requested, you will receive a project-specific "user ID" and "password." If you require additional security, please contact eol-archive@ucar.edu to request a unique "user ID" and "password" for your data.

None

Digital Object Identifier (DOI) - Indicate if you would like for NCAR/EOL to generate a DOI for your dataset. If your dataset already has a DOI, please include that link in your email.

No DOI Exists for this dataset. EOL to assign

GCMD Keywords - Please select keywords at least down to the "variable_level_1" level to support search and discovery of your dataset. Select keywords from the list at http://gcmdservices.gsfc.nasa.gov/static/kms/sciencekeywords/sciencekeywords.csv?ed_wiki_keywords_page

Upper Air Parameters

In addition to observed meteorological parameters, Potential general Keywords might include “Upper Air Observations”, “Atmospheric Thermodynamic Profiles”, and “Rawinsonde” or “Radiosonde”?

Publications (Optional) - Please include a list of links to publications using this dataset, including "in press" and "submitted" publications, conference proceedings, theses, and reports. Submitted publications will be added to this project's publications list.

N/A