

# Metadata

<b>Dataset Name</b>	Iceland Geothermal Mercury Study 2021-2022
<b>Dataset General Type</b>	Mercury concentration and soil parameter data
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	1.1
<b>Program Website</b>	
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Theme</b>	
<b>Title</b>	Atmosphere
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/group/modelling</a>
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	Irregular
<b>Dataset Last Revision Date</b>	2023-12-15
<b>Dataset DOI</b>	10.34992/shjg-9p11
<b>Metadata Creation Date</b>	2024
<b>Publisher</b>	CanWIN

## Dataset Authors

### Dataset Authors 1

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<b>Type of Name</b>	Personal
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	<a href="http://orcid.org/">http://orcid.org/</a>

## Contributors

### Contributors 1

<b>Name</b>
<b>Role</b>
<b>Email</b>
<b>Affiliation</b>
<b>ORCID ID</b>

<b>Project Data Curator</b>	Edwards, Brock
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<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
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<b>Dataset Collection Start Date</b>	2021-08-20
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<b>Dataset Collection End Date</b>	2022-08-30
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## Sample Collection

### Sample Collection 1

**Sampling Instrument Name** Lumex RA-915M

**Standardized Sampling Instrument Name**

**Sample Collection Method Name** Mercury vapor sampling

**Comment**

**Method Link**

**Method Summary**

**Method Description Type** Methods

### Activity Collection Type

Field Measurement

### Preferred citation

## Analytical Instrument

### Analytical Instrument 1

**Analytical Instrument Name**

**Standardized Analytical Instrument Name**

**Analytical Instrument Identifier Id**

**Analytical Instrument Title Type** Alternative Title

Analytical  
Instrument  
Identifier Type

## Analytical Method

### Analytical Method 1

Analytical  
Method Name

Method Link

Method  
Summary

Laboratory

Comments

Variables  
Measured

### License Name

Creative Commons Attribution 4.0 International

### Licence Type

Open

### Embargo Date

### Licence URL

<https://spdx.org/licenses>

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## Awards

### Awards 1

Award Title

Website

Funder Name

Funder  
Identifier Code

**Funder Identifier Type**

**Funder Identifier Scheme**

**Grant Number**

## **Related Resources**

### **Related Resources 1**

**Related Resource Name**

**Resource Code**

**Identifier Type**

**Relationship To This Dataset**

**Resource Type**      Online Resource

**Type**

**Series Name**

## **Publications**

### **Publications 1**

**Publication Name**

**Identifier Code**

**Identifier Type**

**Relationship to this dataset**

**Resource Type**      Online Resource

**Publication Type**

## **Spatial regions**

iceland

## **Spatial extent West Bound Longitude**

**Spatial  
extent East  
Bound  
Longitude**

**Spatial  
extent South  
Bound  
Latitude**

**Spatial  
extent North  
Bound  
Latitude**

## Data and Resources

**URL** [https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/e1c621ee-1a45-4113-afd9-e71410b476a6/download/10cm\\_20cm\\_gemvalues.csv](https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/e1c621ee-1a45-4113-afd9-e71410b476a6/download/10cm_20cm_gemvalues.csv)

**Name** 10-20cm GEM values

**Description**

**Format** CSV

**Resource  
Category** data

**URL** [https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/fdd4c29e-addd-4977-8d0a-dbc3d66b789f/download/2021\\_2022\\_deltac.csv](https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/fdd4c29e-addd-4977-8d0a-dbc3d66b789f/download/2021_2022_deltac.csv)

**Name** 2021\_2022 DeltaC values

**Description**

**Format** CSV

**Resource  
Category** data

**URL** [https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/769db61a-9cb6-4e79-92e4-07bc95083422/download/c\\_s\\_and\\_soil\\_hg\\_values.csv](https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/769db61a-9cb6-4e79-92e4-07bc95083422/download/c_s_and_soil_hg_values.csv)

**Name** C\_s and Soil\_Hg values

**Description**

**Format** CSV

<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/39e13053-4634-41e7-9cf5-d51836fd3782/download/gemflux_values_updated.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/39e13053-4634-41e7-9cf5-d51836fd3782/download/gemflux_values_updated.csv</a>
<b>Name</b>	GEMflux values
<b>Description</b>	
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/933039c3-a8ad-49da-88c9-4dd7b4f629d3/download/data-dictionary.xlsx">https://canwin-datahub.ad.umanitoba.ca/data/dataset/1bf95837-209e-4dd4-8de7-b43ccfc62674/resource/933039c3-a8ad-49da-88c9-4dd7b4f629d3/download/data-dictionary.xlsx</a>
<b>Name</b>	Data Dictionary
<b>Description</b>	Descriptions of all measured variables.
<b>Format</b>	XLSX
<b>Resource Category</b>	supplemental