

Metadata

Dataset Name	Fagradalsfjall Iceland Eruption - Mercury sampling campaigns 2021-2022
Dataset General Type	Hg and SO2 gas data
Dataset Type	Dataset
Dataset Level	1.1
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Atmosphere
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/group/modelling
Dataset Status	Complete
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2023-09-11
Dataset DOI	10.34992/pnqh-zs42
Metadata Creation Date	2024
Publisher	CanWIN

Dataset Authors

Dataset Authors 1

Name Edwards, Brock

Type of Name Personal

Email brock.edwards@umanitoba.ca

Affiliation Centre for Earth Observation Science - University of Manitoba

ORCID ID 0000-0003-0385-9139

ORCID
<http://orcid.org/>

Dataset Authors 2

Name Wang, Feiyue

Type of Name Personal

Email feiyue.wang@umanitoba.ca

Affiliation Centre for Earth Observation Science - University of Manitoba

ORCID ID 0000-0001-5297-0859

ORCID
<http://orcid.org/>

Dataset Authors 3

Name Outridge, Peter

Type of Name Personal

Email pmoutridge@gmail.com

Affiliation Centre for Earth Observation Science - University of Manitoba

ORCID ID

Contributors

Contributors 1

Name

Role

Email

Affiliation

ORCID ID

**Project Data
Curator**

Edwards, Brock

**Project Data
Curator
email**

brock.edwards@umanitoba.ca

**Project Data
Curator
Affiliation**

Centre for Earth Observation Science - University of Manitoba

**Dataset
Collection
Start Date**

2021-03-28

**Dataset
Collection
End Date**

2022-08-22

**Sample
Collection**

**Sample
Collection 1**

**Sampling
Instrument
Name**

**Standardized
Sampling
Instrument
Name**

**Sample
Collection
Method Name**

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>**Terms of
Access**

CanWIN datasets are licensed individually, however most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgment is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available.

**Terms of
Use**

By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).

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/c8746bc0-7fd1-4822-92f4-811642130d51/resource/faff44cd-c21e-41c4-ae68-ad13a1e1dbb3/download/mercury_fagra_mar31_2021_headers_cleaned.csv
Name	mercury_fagra_mar31_2021
Description	10 s averaged GEM and SO2.
Format	CSV

Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/af535640-7be5-45e5-b837-3ecba6918064/download/mercury_fagra_apr12_2021_headers_cleaned.csv
Name	mercury_fagra_apr12_2021
Description	10 s averaged GEM and SO2.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/aa964a9f-7ada-40c5-9e8a-1d977fc5c426/download/mercury_fagra_apr14_2021_headers_cleaned.csv
Name	mercury_fagra_apr14_2021
Description	10 s averaged GEM and SO2.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/4989ac39-1cb9-47dd-aba1-8d3011acbcbc/download/mercury_fagra_aug12_2022_headers_cleaned.csv
Name	mercury_fagra_aug12_2022
Description	10 s averaged GEM and SO2.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/dfd51779-6302-4714-9a4c-e76302dde0c1/download/mercury_fagra_aug16_2022_headers_cleaned.csv
Name	mercury_fagra_aug16_2022
Description	10 s averaged GEM and SO2.
Format	CSV
Resource Category	data

URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/aedb0129-f8e9-466a-9436-b2f7bac1392c/download/mercury_fagra_sampling_types.csv
Name	mercury_fagra_sampling_types
Description	Sampling types and Hg/SO2 values.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/3bf7f4b6-5507-43aa-be75-b522e85b4819/download/mercury_fagra_category.csv
Name	mercury_fagra_categories
Description	Category (arc/non-arc), Hg/SO2 values, volcanoes.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/cd1e1718-276e-4d2d-bee5-961410748ba4/download/mercury_fagra_hg_fluxes.csv
Name	mercury_fagra_hg_fluxes
Description	Min, max, mean Hg fluxes.
Format	CSV
Resource Category	data