

# Metadata

<b>Dataset Name</b>	Fagradalsfjall Iceland Eruption - Mercury sampling campaigns 2021-2022
<b>Dataset General Type</b>	Hg and SO2 gas 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>	Not planned
<b>Dataset Last Revision Date</b>	2023-09-11
<b>Dataset DOI</b>	10.34992/pnqh-zs42
<b>Metadata Creation Date</b>	2024
<b>Publisher</b>	CanWIN

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**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

<b>Activity Collection Type</b>	Field Measurement
<b>Preferred citation</b>	
<b>Analytical Instrument</b>  <b>Analytical Instrument 1</b>  Analytical Instrument Name  Standardized Analytical Instrument Name  Analytical Instrument Identifier Id  Analytical Instrument Title Type      Alternative Title  Analytical Instrument Identifier Type	
<b>Analytical Method</b>  <b>Analytical Method 1</b>  Analytical Method Name  Method Link  Method Summary  Laboratory  Comments  Variables Measured	
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Type</b>	Open

**Embargo  
Date****Licence URL** <https://spdx.org/licenses>**Terms of  
Access**

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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**

<b>Series Name</b>	
<b>Publications</b>	
<b>Publications 1</b>	
<b>Publication Name</b>	
<b>Identifier Code</b>	
<b>Identifier Type</b>	
<b>Relationship to this dataset</b>	
<b>Resource Type</b>	Online Resource
<b>Publication Type</b>	
<b>Spatial regions</b>	iceland
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	
<b>Spatial extent South Bound Latitude</b>	
<b>Spatial extent North Bound Latitude</b>	

## Data and Resources

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_mar31_2021
<b>Description</b>	10 s averaged GEM and SO2.
<b>Format</b>	CSV

<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_apr12_2021
<b>Description</b>	10 s averaged GEM and SO2.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_apr14_2021
<b>Description</b>	10 s averaged GEM and SO2.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_aug12_2022
<b>Description</b>	10 s averaged GEM and SO2.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_aug16_2022
<b>Description</b>	10 s averaged GEM and SO2.
<b>Format</b>	CSV
<b>Resource Category</b>	data

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_sampling_types
<b>Description</b>	Sampling types and Hg/SO2 values.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/3bf7f4b6-5507-43aa-be75-b522e85b4819/download/mercury_fagra_category.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/c8746bc0-7fd1-4822-92f4-811642130d51/resource/3bf7f4b6-5507-43aa-be75-b522e85b4819/download/mercury_fagra_category.csv</a>
<b>Name</b>	mercury_fagra_categories
<b>Description</b>	Category (arc/non-arc), Hg/SO2 values, volcanoes.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	mercury_fagra_hg_fluxes
<b>Description</b>	Min, max, mean <b>Hg</b> fluxes.
<b>Format</b>	CSV
<b>Resource Category</b>	data