

Metadata

| Field | Value |
|---|---|
| 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/group/modelling |
| Dataset Status | Complete |
| Maintenance and Update Frequency | Not planned |
| Dataset Last Revision Date | 2023-09-11 |
| Dataset DOI | 10.34992/pnqh-zs42 |

| Field | Value |
|-------------------------------|--|
| Metadata Creation Date | 2026 |
| 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 |

| Field | Value |
|--------------------------|--|
| 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 | |

| Field | Value |
|--|--|
| 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 |

| Field | Value |
|--|--|
| 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 | |
| Licence Name or Copyright Statement | Creative Commons Attribution 4.0 International |
| Copyright Statement | |
| Licence Type | Open |

| Field | Value |
|---------------------------------|---|
| Embargo Date | |
| Licence URL | https://spdx.org/licenses |
| Terms of Access | <p>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.</p> |
| Terms of Use | <p>By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).</p> |
| Awards | |
| Awards 1 | |
| Award Title | |
| Website | |
| Funder Name | |
| Funder Identifier Code | |
| Funder Identifier Type | |
| Funder Identifier Scheme | |
| Grant Number | |
| Related Resources | |
| Related Resources 1 | |

| Field | Value |
|--|-----------------|
| 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

| Field | Value |
|--------------------------|---|
| 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 |

| Field | Value |
|--------------------------|---|
| 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-aba1-8d3011acbbcb/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 |

| Field | Value |
|--------------------------|---|
| 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. |

| Field | Value |
|--------------------------|-------|
| Format | CSV |
| Resource Category | data |