

Metadata

| | |
|---|---|
| Dataset Name | Churchill snow depth - December 2021 |
| Dataset General Type | Magnaprobe data |
| Dataset Type | Dataset |
| Dataset Level | 0 |
| Program Website | |
| Keyword Vocabulary | Polar Data Catalogue |
| Keyword Vocabulary URL | https://www.polardata.ca/pdcinput/public/keywordlibrary |
| Theme | |
| Dataset Status | Complete |
| Maintenance and Update Frequency | Not planned |
| Dataset Last Revision Date | 2023-08-08 |
| Dataset DOI | 10.34992/8rm6-q815 |
| Metadata Creation Date | 2023 |
| Publisher | CanWIN |
| Dataset Authors | |
| Dataset Authors 1 | |

Name Stroeve, Julianne
Type of Name Personal
Email julienne.stroeve@umanitoba.ca
Affiliation Centre for Earth Observation Science - University of Manitoba
ORCID ID

Contributors

Contributors 1

Name Saha, Monojit
Role DataCollector
Email
Affiliation Centre for Earth Observation Science - University of Manitoba
ORCID ID

Contributors 2

Name Nandan, Vishnu
Role DataCollector
Email
Affiliation Centre for Earth Observation Science - University of Manitoba
ORCID ID

Contributors 3

Name Willatt, Rosemary
Role DataCollector
Email
Affiliation
ORCID ID

Contributors 4

Name Mallett, Robbie

Role DataCollector

Email

Affiliation

ORCID ID

Contributors 5

Name Newman, Thomas

Role DataCollector

Email

Affiliation

ORCID ID

Contributors 6

Name Jensen, David

Role DataCollector

Email

Affiliation Centre for Earth Observation Science - University of Manitoba

ORCID ID

Contributors 7

Name Yackel, John

Role DataCollector

Email

Affiliation University of Calgary

ORCID ID

Project Data Curator

Stroeve, Julianne

| | |
|--|---|
| Project Data | |
| Curator email | julienne.stroeve@umanitoba.ca |
| Project Data | |
| Curator Affiliation | Centre for Earth Observation Science - University of Manitoba |
| Dataset Collection Start Date | 2021-12-02 |
| Dataset Collection End Date | 2023-08-12 |
| Sample Collection | |
| Sample Collection 1 | |
| Sampling Instrument Name | Magnaprobe |
| Standardized Sampling Instrument Name | |
| Sample Collection Method Name | Transect Survey |
| Comment | |
| Method Link | https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2018WR023559 |
| Method Summary | A Snow Hydro Magnaprobe was used to sample snow on sea ice and lake ice. |
| Method Description Type | Methods |
| Activity Collection Type | Field Measurement |
| Preferred citation | |
| Analytical Instrument | |

Analytical Instrument 1

Analytical Instrument Name Snow Hydro Magnaprobe

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 | Canada 150 Research Chair |
| Website | https://www.canada150.chairs-chaire.gc.ca/chairholders-titulaires/index-eng.aspx#stroeve |
| Funder Name | NSERC |
| 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 | churchill |
| 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/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/93a76899-0e2c-4cba-a50c-6e7508f84934/download/snow_depth_december_2_2021_processed.csv |
| Name | Snow depth December 2, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |

| | |
|--------------------------|---|
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/a76ea9f3-4504-4316-ae5c-a871c31645e3/download/snow_depth_december_4_2021_processed.csv |
| Name | Snow depth December 4, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/cb2be7cb-78cc-475c-b81d-b9a6676be24e/download/snow_depth_december_6_2021_processed.csv |
| Name | Snow depth December 6, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/9657f8a1-217f-4bdb-a131-c0ef3efca11f/download/snow_depth_december_8_2021_processed.csv |
| Name | Snow depth December 8, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/83a1b8af-5895-4a92-9de6-2d087940262b/download/snow_depth_december_9_2021_processed.csv |
| Name | Snow depth December 9, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/53653269-6132-4c70-9568-9f4f47542c6b/download/snow_depth_december_11_2021_processed.csv |

| | |
|--------------------------|---|
| Name | Snow depth December 11, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/a2ba700e-6ef2-44e0-8195-0e6275052a4b/resource/86632e04-5402-4376-8d94-d8926b0ccd0d/download/snow_depth_december_12_2021_processed.csv |
| Name | Snow depth December 12, 2021 |
| Description | Snow depth transects conducted in conjunction with KuKa transects during the Churchill Freeze-up Campaign (December 2 to 15, 2021). |
| Format | CSV |
| Resource Category | data |