

Metadata

Title	Manitoba Métis Federation Weather Keeper Program
Research Program Name	MMF Weather Keeper Program
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Website	https://www.mmf.mb.ca/environment-climate-change#WeatherKeeper
Theme	
Title	Freshwater
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater
Status	In Progress
Project Area	Lake Manitoba,Lake Winnipegosis,Manitoba Great Lakes
Spatial regions	manitoba-great-lakes
Spatial extent West Bound Longitude	
Spatial extent East Bound Longitude	
Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	
Project DOI	10.34992/0147-wx73
Metadata Creation Date	2025
Publisher	CanWIN
Principal Investigators	
Principal Investigators 1	
Principal Investigator Name	Manitoba Métis Federation
Type of Name	Organizational
Principal Investigator Email	info@mmf.mb.ca
Principal Investigator Affiliation	Manitoba Métis Federation
Principal Investigator ORCID ID	
Principal Investigators 2	

Principal Investigator Name Combe, Phoenix

Type of Name Personal

Principal Investigator Email phoenix.combe@mmf.mb.ca

Principal Investigator Affiliation Manitoba Métis Federation

Principal Investigator ORCID ID

Co- Investigators

Co- Investigators 1

**Co-
Investigator Name** McCullough, Greg

**Co-
Investigator Role** ProjectMember

**Co-
Investigator Email** greg.mccullough@umanitoba.ca

**Co-
Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba

**Co-
Investigator ORCID ID**

Co- Investigators 2

**Co-
Investigator Name** Herbert, Claire

**Co-
Investigator Role** ProjectManager

**Co-
Investigator Email** claire.herbert@umanitoba.ca

**Co-
Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba

**Co-
Investigator ORCID ID** 0000-0003-2724-4200

ORCID
<http://orcid.org/>

Co- Investigators 3

**Co-
Investigator Name** Barber, David

**Co-
Investigator Role** ProjectLeader

**Co-
Investigator Email** david.barber@umanitoba.ca

**Co-
Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba

**Co-
Investigator ORCID ID** 0000-0001-9466-3291

ORCID
<http://orcid.org/>

Project Data Curator	Combe, Phoenix
Project Data Curator email	phoenix.combe@mmf.mb.ca
Project Data Curator Affiliation	Manitoba Métis Federation
Project Start Date	2020-04-01
Project End Date	
License Name	Creative Commons Attribution 4.0 International
Licence Schema Name	SPDX
Licence URL	https://spdx.org/licenses
Terms of Access	**Users must notify the Manitoba Metis Federation of their intent to use the data and must also use the attribution or citation information when referring to the data.** 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 acknowledgement 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	Indigenous engagement in the Lake Winnipeg Basin - Building watershed resilience
Award URL	https://www.canada.ca/en/environment-climate-change/services/water-overview/comprehensive-approach-clean/lake-winnipeg/funding.html
Funder Name	Environment and Climate Change Canada
Funder Identifier	026ny0e17
Funder Identifier Type	ROR
Funder identifier URL	https://ror.org
Grant Number	
Awards 2	
Award Title	CLIMATE CHANGE, THE MANITOBA GREAT LAKES, AND MOBILIZING GEOSPATIAL DATA FOR INDIGENOUS DECISION MAKING
Award URL	https://www.nrcan.gc.ca/science-and-data/science-and-research/earth-sciences/geomatics/canadas-spatial-data-infrastructure/announcements/geoconnections-announcement-opportunities-for-the-fiscal-year-2021-2022/23164
Funder Name	Natural Resources Canada
Funder Identifier	5hepy730
Funder Identifier Type	ROR
Funder identifier URL	https://ror.org
Grant Number	
Awards 3	
Award Title	Manitoba Métis Federation Community-Based Climate Monitoring Project
Award URL	https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979
Funder Name	Crown-Indigenous Relations and Northern Affairs Canada
Funder Identifier	05xmf1h49
Funder Identifier Type	ROR
Funder identifier URL	https://ror.org
Grant Number	

Related Facilities [9e21f6b6-d13f-4ba2-a379-fd962f507071]

Data and Resources

URL	https://geoconnections.ad.umanitoba.ca/d/JbY1plZ7z/st-laurent-mb-weather-dashboard?orgId=1&refresh=1m&theme=light
Name	St. Laurent, MB Li Taan Aen Staansyoon Weather Dashboard
Description	View near real-time weather station data from St.Laurent, MB. Click on "Go To Resource" to view the data page on the MMF website.
Format	HTML
Resource Category	web_services
URL	https://canwinmap.ad.umanitoba.ca/dashboards/weather-stations/
Name	Interactive Weather Station Map
Description	View the weather stations on an interactive map in our geospatial platform. **How do I see the data?* Click **Go to resource** on the right. On the map, view livestream data by open a panel on the left side of your screen. Click the **i** button to view instructions on how to use the dashboard, and click the Full-screen button to view the weather station f
Format	HTML
Resource Category	web_services
URL	https://canwinmap.ad.umanitoba.ca/apps/96/embed
Name	English Weather Keeper StoryMap
Description	Read about the Weather Keeper program as an interactive map story. The stories are available in English, French, and Michif.
Format	HTML
Resource Category	web_services
URL	https://canwinmap.ad.umanitoba.ca/apps/95/embed
Name	French Weather Keeper StoryMap
Description	Interactive map story in French.
Format	HTML
Resource Category	web_services
URL	https://canwinmap.ad.umanitoba.ca/apps/64/embed
Name	Michif Weather Keeper StoryMap
Description	Interactive map story in Michif.
Format	HTML
Resource Category	web_services
URL	https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&version=1.0.0&request=GetFeature&typename=geonode%3AWeatherKeeper_stations&outputFormat=json&srs=EPSG%3A4269&srsName=EPSG%3A4269&access
Name	MMF Weather Stations
Description	A map hosted on CanWIN's GeoPortal displaying the current weather stations actively streaming weather data at their corresponding location. Note: Dawson Bay is not streamir
Format	GeoJSON
Resource Category	web_services

Related Datasets

Title	St Laurent Li Taan Aen Staansyoon_17060
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/stlaurent-metdata_17060
Title	Dawson Bay Li Taan Aen Staansyoon_54190
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/dawbay-metdata

Related Publications

Title	Weather Keeper Logbook - ENG, FR CA, Michif
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-logbook
Title	L'Prâgramme dju Gardjjein d'la Mitiö
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-michif
Title	Guide à l'intention de l'utilisateur du programme de surveillance des conditions météorologiques
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-fr
Title	Weather Keeper Data Processing
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-code
Title	Weather Station Technician Guide
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide
Title	Weather Keeper User Guide
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide
Title	Le programme de surveillance des conditions météorologiques
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-fr
Title	L'Gid Teknik pour la Stâssion Mitorâlogik
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-michif
Title	L'Gid d'Utilizateurre dju Gardjjein d'la Mitiö
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-michif
Title	Guide technique de station météorologique
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-fr
Title	Weather Station Troubleshooting Guides
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-trouble-guides
Title	Weather Station Instrument Guide
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-instrument-guide
Title	Weather Keeper Decision Tree - ENG, FR CA, Michif
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-decision-tree
Title	Weather Station Sensor Manuals
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/met-sensor-manuals
Title	The Weather Keeper Program
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-eng

Deployment details

Title	DECOMMISSIONED St Laurent Li Taan Aen Staansyoon_13390
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-deploy
Title	St Laurent Li Taan Aen Staansyoon_17060
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-17060-deploy
Title	Dawson Bay Li Taan Aen Staansyoon_54190
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/daw-bay-deploy