

# Metadata

Field	Value
<b>Title</b>	Manitoba Métis Federation Weather Keeper Program
<b>Research Program Name</b>	MMF Weather Keeper Program
<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>Website</b>	<a href="https://www.mmf.mb.ca/environment-climate-change#WeatherKeeper">https://www.mmf.mb.ca/environment-climate-change#WeatherKeeper</a>
<b>Theme</b>	
<b>Title</b>	Freshwater
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater</a>
<b>Status</b>	In Progress
<b>Project Area</b>	Lake Manitoba,Lake Winnipegosis,Manitoba Great Lakes
<b>Spatial regions</b>	manitoba-great-lakes
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	
<b>Spatial extent South Bound Latitude</b>	

Field	Value
<b>Spatial extent North Bound Latitude</b>	
<b>Project DOI</b>	10.34992/0147-wx73
<b>Metadata Creation Date</b>	2025
<b>Publisher</b>	CanWIN
<b>Principal Investigators</b>	
<b>Principal Investigators 1</b>	
<b>Principal Investigator Name</b>	Manitoba Métis Federation
<b>Type of Name</b>	Organizational
<b>Principal Investigator Email</b>	<a href="mailto:info@mmf.mb.ca">info@mmf.mb.ca</a>
<b>Principal Investigator Affiliation</b>	Manitoba Métis Federation
<b>Principal Investigator ORCID ID</b>	
<b>Principal Investigators 2</b>	
<b>Principal Investigator Name</b>	Combe, Phoenix
<b>Type of Name</b>	Personal

Field	Value
<b>Principal Investigator Email</b>	<a href="mailto:phoenix.combe@mmf.mb.ca">phoenix.combe@mmf.mb.ca</a>
<b>Principal Investigator Affiliation</b>	Manitoba Métis Federation
<b>Principal Investigator ORCID ID</b>	
<b>Co-Investigators</b>	
<b>Co-Investigators 1</b>	
<b>Co-Investigator Name</b>	McCullough, Greg
<b>Co-Investigator Role</b>	ProjectMember
<b>Co-Investigator Email</b>	<a href="mailto:greg.mccullough@umanitoba.ca">greg.mccullough@umanitoba.ca</a>
<b>Co-Investigator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Co-Investigator ORCID ID</b>	
<b>Co-Investigators 2</b>	
<b>Co-Investigator Name</b>	Herbert, Claire
<b>Co-Investigator Role</b>	ProjectManager

Field	Value
<b>Co-Investigator Email</b>	<a href="mailto:claire.herbert@umanitoba.ca">claire.herbert@umanitoba.ca</a>
<b>Co-Investigator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Co-Investigator ORCID ID</b>	0000-0003-2724-4200
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	<a href="http://orcid.org/">http://orcid.org/</a>
<b>Co-Investigators 3</b>	
<b>Co-Investigator Name</b>	Barber, David
<b>Co-Investigator Role</b>	ProjectLeader
<b>Co-Investigator Email</b>	<a href="mailto:david.barber@umanitoba.ca">david.barber@umanitoba.ca</a>
<b>Co-Investigator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Co-Investigator ORCID ID</b>	0000-0001-9466-3291
	ORCID
	<a href="http://orcid.org/">http://orcid.org/</a>

Field	Value
<b>Project Data Curator</b>	Combe, Phoenix
<b>Project Data Curator email</b>	<a href="mailto:phoenix.combe@mmf.mb.ca">phoenix.combe@mmf.mb.ca</a>
<b>Project Data Curator Affiliation</b>	Manitoba Métis Federation
<b>Project Start Date</b>	2020-04-01
<b>Project End Date</b>	
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Schema Name</b>	SPDX
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	<p>**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.</p>

Field	Value
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Awards 1</b>	
<b>Award Title</b>	Indigenous engagement in the Lake Winnipeg Basin - Building watershed resilience
<b>Award URL</b>	<a href="https://www.canada.ca/en/environment-climate-change/services/water-overview/comprehensive-approach-clean/lake-winnipeg/funding.html">https://www.canada.ca/en/environment-climate-change/services/water-overview/comprehensive-approach-clean/lake-winnipeg/funding.html</a>
<b>Funder Name</b>	Environment and Climate Change Canada
<b>Funder Identifier</b>	026ny0e17
<b>Funder Identifier Type</b>	ROR
<b>Funder identifier URL</b>	<a href="https://ror.org">https://ror.org</a>
<b>Grant Number</b>	
<b>Awards 2</b>	
<b>Award Title</b>	CLIMATE CHANGE, THE MANITOBA GREAT LAKES, AND MOBILIZING GEOSPATIAL DATA FOR INDIGENOUS DECISION MAKING

Field	Value
<b>Award URL</b>	<a href="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">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</a>
<b>Funder Name</b>	Natural Resources Canada
<b>Funder Identifier</b>	5hepy730
<b>Funder Identifier Type</b>	ROR
<b>Funder identifier URL</b>	<a href="https://ror.org">https://ror.org</a>
<b>Grant Number</b>	
<b>Awards 3</b>	
<b>Award Title</b>	Manitoba Métis Federation Community-Based Climate Monitoring Project
<b>Award URL</b>	<a href="https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979">https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979</a>
<b>Funder Name</b>	Crown-Indigenous Relations and Northern Affairs Canada
<b>Funder Identifier</b>	05xmf1h49
<b>Funder Identifier Type</b>	ROR
<b>Funder identifier URL</b>	<a href="https://ror.org">https://ror.org</a>

Field	Value
<b>Grant Number</b>	
<b>Related Facilities</b>	[9e21f6b6-d13f-4ba2-a379-fd962f507071']

## Data and Resources

Field	Value
<b>URL</b>	<a href="https://geoconnections.ad.umanitoba.ca/d/JbY1pIZ7z/st-laurent-mb-weather-dashbo">https://geoconnections.ad.umanitoba.ca/d/JbY1pIZ7z/st-laurent-mb-weather-dashbo</a>
<b>Name</b>	St. Laurent, MB Li Taan Aen Staansyoon Weather Dashboard
<b>Description</b>	View near real-time weather station data from St.Laurent, MB. Click on <b>"Go To Res
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/dashboards/weather-stations/">https://canwinmap.ad.umanitoba.ca/dashboards/weather-stations/</a>
<b>Name</b>	Interactive Weather Station Map
<b>Description</b>	View the weather stations on an interactive map in our geospatial platform. <b>**How do open a panel on the left side of your screen. Click the <b>**i**</b> button to view instructions</b>
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/apps/96/embed">https://canwinmap.ad.umanitoba.ca/apps/96/embed</a>

Field	Value
<b>Name</b>	English Weather Keeper StoryMap
<b>Description</b>	Read about the Weather Keeper program as an interactive map story. The stories are a
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/apps/95/embed">https://canwinmap.ad.umanitoba.ca/apps/95/embed</a>
<b>Name</b>	French Weather Keeper StoryMap
<b>Description</b>	Interactive map story in French.
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/apps/64/embed">https://canwinmap.ad.umanitoba.ca/apps/64/embed</a>
<b>Name</b>	Michif Weather Keeper StoryMap
<b>Description</b>	Interactive map story in Michif.
<b>Format</b>	HTML
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AWeatherKe">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3AWeatherKe</a>

Field	Value
<b>Name</b>	MMF Weather Stations
<b>Description</b>	A map hosted on CanWIN's GeoPortal displaying the current weather stations actively
<b>Format</b>	GeoJSON
<b>Resource Category</b>	web_services

### Related Datasets

Field	Value
<b>Title</b>	St Laurent Li Taan Aen Staansyoon_17060
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/stlaurent-metdata_17060">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/stlaurent-metdata_17060</a>
<b>Title</b>	Dawson Bay Li Taan Aen Staansyoon_54190
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/dawbay-metdata">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/dawbay-metdata</a>

### Related Publications

Field	Value
<b>Title</b>	Weather Station Technician Guide
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide</a>
<b>Title</b>	Weather Station Instrument Guide
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-instrument-guide">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-instrument-guide</a>
<b>Title</b>	L'Prâgramme dju Gardjjein d'la Mitiô
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-michif">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-michif</a>
<b>Title</b>	Weather Keeper Data Processing

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-code">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-code</a>
<b>Title</b>	Weather Station Sensor Manuals
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/met-sensor-manuals">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/met-sensor-manuals</a>
<b>Title</b>	Weather Station Troubleshooting Guides
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-trouble-guides">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-trouble-guides</a>
<b>Title</b>	Le programme de surveillance des conditions météorologiques
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-fr">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-fr</a>
<b>Title</b>	The Weather Keeper Program
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-eng">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-program-eng</a>
<b>Title</b>	Weather Keeper Logbook - ENG, FR CA, Michif
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-logbook">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/weather-keeper-logbook</a>
<b>Title</b>	Guide technique de station météorologique
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-fr">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-fr</a>
<b>Title</b>	Guide à l'intention de l'utilisateur du programme de surveillance des conditions météorologiques
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-fr">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-fr</a>
<b>Title</b>	L'Gid Teknik pour la Stâssion Mitiorâlogik
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-michif">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-tech-guide-michif</a>
<b>Title</b>	Weather Keeper User Guide
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide</a>

Field	Value
<b>Title</b>	L'Gid d'Utilizateurre dju Gardjjein d'la Mitiô
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-michif">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-user-guide-michif</a>
<b>Title</b>	Weather Keeper Decision Tree - ENG, FR CA, Michif
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-decision-tree">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mmf-decision-tree</a>

## Deployment details

Field	Value
<b>Title</b>	Dawson Bay Li Taan Aen Staansyoon_54190
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/daw-bay-deploy">https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/daw-bay-deploy</a>
<b>Title</b>	DECOMMISSIONED St Laurent Li Taan Aen Staansyoon_13390
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-deploy">https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-deploy</a>
<b>Title</b>	St Laurent Li Taan Aen Staansyoon_17060
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-17060-deploy">https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/st-laur-17060-deploy</a>