

# Metadata

<b>Title</b>	Nutrient Exports in the Swan Lake Watershed - Master's Thesis
<b>Research Program Name</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>Website</b>	<a href="https://umanitoba.ca/earth-observation-science/research/manitoba-great-lakes-program">https://umanitoba.ca/earth-observation-science/research/manitoba-great-lakes-program</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>	Complete
<b>Project Area</b>	Swan River
<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>	
<b>Spatial extent North Bound Latitude</b>	
<b>Project DOI</b>	10.34992/6rfm-q690

**Metadata****Creation**

2023

**Date****Publisher**

CanWIN

**Principal Investigators****Principal Investigators 1****Principal Investigator Name**

Rodgers, Katelyn

**Type of Name**

Personal

**Principal Investigator Email**[rodgersk@myumanitoba.ca](mailto:rodgersk@myumanitoba.ca)**Principal Investigator Affiliation**

Centre for Earth Observation Science - University of Manitoba

**Principal Investigator ORCID ID****Co-Investigators****Co-Investigators 1****Co-Investigator Name**

McCullough, Greg

**Co-Investigator Role**

Supervisor

**Co-Investigator Email**[greg.mccullough@umanitoba.ca](mailto:greg.mccullough@umanitoba.ca)**Co-Investigator Affiliation**

Centre for Earth Observation Science - University of Manitoba

**Co-Investigator ORCID ID**

<b>Co- Investigators 2</b>	
<b>Co- Investigator Name</b>	Barber, David
<b>Co- Investigator Role</b>	Supervisor
<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>
<b>Project Data Curator</b>	Rodgers, Katelyn
<b>Project Data Curator email</b>	<a href="mailto:rodgersk@myumanitoba.ca">rodgersk@myumanitoba.ca</a>
<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Project Start Date</b>	2020-06-01
<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>	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.
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Related Facilities</b>	□

## Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/970b9911-ef76-4f9c-a2ee-8fea83accbf6/download/stations_map.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/970b9911-ef76-4f9c-a2ee-8fea83accbf6/download/stations_map.pdf</a>
<b>Name</b>	Project Stations Map
<b>Description</b>	Image of the stations used in Katelyn's masters project.
<b>Format</b>	PDF
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/85fb9189-a0f6-4282-9747-a144ee0bbe2b/download/fwmc_totalloads_l2.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/85fb9189-a0f6-4282-9747-a144ee0bbe2b/download/fwmc_totalloads_l2.csv</a>
<b>Name</b>	fwmc_totalLoads_L2.csv
<b>Description</b>	Annual and Seasonal FWMC and Loads in Swan and Woody Rivers collected by the Province of Manitoba. Level 2 data.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/236e9d73-c952-49f5-a990-73416326d0e2/download/data_dictionary_fwmc_totalloads.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/236e9d73-c952-49f5-a990-73416326d0e2/download/data_dictionary_fwmc_totalloads.csv</a>
<b>Name</b>	Data Dictionary - fwmc_totalLoads_L2
<b>Description</b>	
<b>Format</b>	CSV

<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/10e8dc64-b9fb-4045-9cc6-975a658cf058/download/total_discharge_L2.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/10e8dc64-b9fb-4045-9cc6-975a658cf058/download/total_discharge_L2.csv</a>
<b>Name</b>	total_discharge_L2.csv
<b>Description</b>	Annual and Seasonal total discharge in the Swan and Woody Rivers collected by Water Survey of Canada. Level 2 data. Discharge rates have an area ratio applied to equate discharge rates to the water quality monitoring stations.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/dcea1d20-0459-4c68-a8b3-d5e478f5da28/download/data_dictionary_total_discharge.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/dcea1d20-0459-4c68-a8b3-d5e478f5da28/download/data_dictionary_total_discharge.csv</a>
<b>Name</b>	Data Dictionary - total_discharge_L2
<b>Description</b>	
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/45456c3d-6c48-4035-84d7-2a8dabc210db/download/total_precip_L2.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/45456c3d-6c48-4035-84d7-2a8dabc210db/download/total_precip_L2.csv</a>
<b>Name</b>	total_precip_L2.csv
<b>Description</b>	Annual and Seasonal total precipitation amounts at four weather stations (Swan River, Pelly, Pelly 2, and Mafeking) collected by ECCC. Level 2 data.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/535be24d-2087-4823-a448-6445bae93901/download/data_dictionary_total_precip.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7532a329-624f-48e7-a02d-9fb00d38ca81/resource/535be24d-2087-4823-a448-6445bae93901/download/data_dictionary_total_precip.csv</a>
<b>Name</b>	Data Dictionary - total_precip_L2
<b>Description</b>	
<b>Format</b>	CSV

**Resource Category** data

## Related Publications

**Title** The effects of climate change on nutrient loading and river discharge

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/en/publication/the-effects-of-climate-change-on-nutrient-loading-and-river-discharge>