

# 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/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/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 Date** 2023**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**

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<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>

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<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/publication/the-effects-of-climate-change-on-nutrient-loading-and-river-discharge>