

The WaterNet Data Management System

INARCH 2026 (Kananaskis)

Stephen O'Hearn

Chris DeBeer

John Pomeroy

<https://waternet.ca>



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WaterNet

Canada's Data Catalogue for Everything Water
Catalogue canadien de données sur l'eau

Data Feeds

Collections: INARCH, GWFO, GWF

Total Sites: 127

Total Stations/Zones: 176

Total Data Feeds: 8247

GWFO

Data: 249

Sites: 49

Indexes: 197

Publications: 5277

Misc. Records: 179

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Data: 32

Facilities: 30

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Publications: 263

Misc. Records: 51

INARCH

Sites: 34

Data: 22

Indexes: 16

Publications: 120

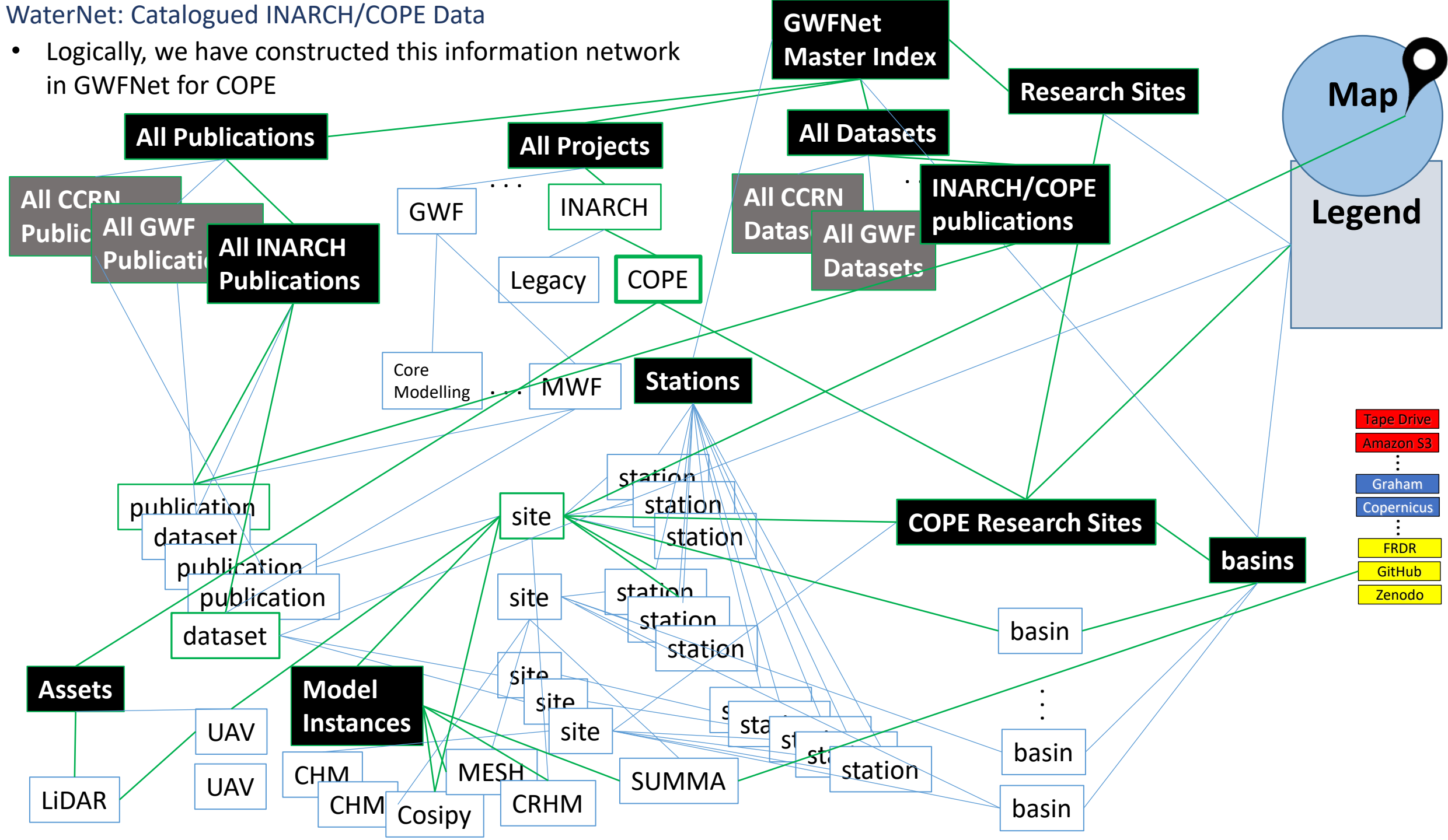
Misc. Records: 65

WaterNet

- Advancement of GWFFNet (GWFFNet is now WaterNet)
- Collections of records are based on standardized templates for
 - Datasets
 - Publications
 - Sites
 - Models
 - Indexes
 - Other types
- Records are linked together to provide context
 - Example **Indexes** linked to **Datasets** linked to **Publications** linked to **Sites** linked to other **Indexes**
 - Links provide context to records and the metadata information they contain
 - Links also provides navigation between related records within the website

WaterNet: Catalogued INARCH/COPE Data

- Logically, we have constructed this information network in GWFNet for COPE



Information Collections

- New to WaterNet: Every record belongs to one or more collections or divisions of the information system: e.g., INARCH, GWF, GWFO, ...
- Allows information from different, but often overlapping, programmes to co-exist in a common base water research focused information system (and be forever “co-integratable” as research from various programs accumulates)
- The selection of collection(s) controls what information is shown, affecting:
 - navigation links in indexes
 - related link information near the top of each record
 - records found from the search box (and from the Advanced Search)
 - pins on the map
 - legend content of the map
 - search box results
 - variable types and sites shown in the Data Centre dashboard
- So, for our purposes here, just select **INARCH** as shown (next slide)



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Select library collection(s) of data, publications, observatories, ...

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CCRN



CRHO



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GWFO



GWFO



INARCH



IP3



MAGS

Data Feeds

Collections: INARCH, GWFO, GWFO

Total Sites: 127

Total Stations/Zones: 176

Total Data Feeds: 8247

GWFO

Data: 249

Sites: 49

Indexes: 197

Publications: 5277

Misc. Records: 179

GWFO

Data: 32

Facilities: 3

Sites: 110

Indexes: 2

Publications: 25

Misc. Records: 51

Publications: 125

Misc. Records: 65



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Collections: INARCH, GWFO, GWF

Total Sites: 127

Total Stations/Zones: 176

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GWFO

Data: 249

Sites: 49

Indexes: 197

Publications: 5277

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GWFO

Data: 32

Facilities: 3

Sites: 110

Indexes: 2

Publications: 205

Misc. Records: 51

Publications: 120

Misc. Records: 65

Defaults

Select All

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☐ DRI

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☐ GWFO

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Data Feeds

Collections: INARCH

Total Sites: 49

Total Stations/Zones: 51

Total Data Feeds: 1592

INARCH

Sites: 34

Data: 22

Indexes: 16

Publications: 120

Misc. Records: 65

Finding Datasets, Publications, Sites, etc.

(1) Navigating Linked Records

(e.g., starting from the *Catalogue Master Index*)



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COPE: Common Observation Period Experiment

INARCH (The International Network for Alpine Research Catchment Hydrology)

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- Dataset* [SnoUF: Snow Under Forest. Snow, forest and meteorological measurements at Col de Porte](#)

2023

Sicart Jean Emmanuel, Ramseyer Victor, Picard Ghislain, Arnaud Laurent, Coulaud Catherine, Freche Guilhem, Soubeyrand Damien, Lejeune Yves, Dumont Marie, Gouttevin Isabelle, Le Gac Erwan, Berger Frederic, Monnet Jean Matthieu, Borgniet Laurent, Mermin Eric, Rutter Nick, Webster Clare, and Essery Richard (2023). [Snow accumulation and ablation measurements in a mid-latitude mountain coniferous forest \(Col de Porte, France, 1325 m alt.\): The Snow Under Forest field campaigns dataset. ESSD 2023-174 https://doi.org/10.5194/essd-2023-174](#) [Journal Article](#)

- Site Overview
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- Data

Basin / Site Name	Chartreuse, Western Alps
Country; Province/State	France



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[Dataset](#) [SnoUF: Snow Under Forest. Snow, forest and meteorological measurements at Col de Porte](#)

2023

Sicart Jean Emmanuel, Ramseyer Victor, Picard Ghislain, Arnaud Laurent, Coulaud Catherine, Freche Guilhem, Soubeyrand Damien, Lejeune Yves, Dumont Marie, Gouttevin Isabelle, Le Gac Erwan, Berger Frederic, oniferous forest (Col de Porte,

SnoUF: Snow Under Forest. Snow, forest and meteorological measurements at Col de Porte

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[Col de Porte, France](#)

[ESSD - INARCH Special Issue 871 - Hydrometeorological data from mountain and alpine research catchments](#)

2023

Sicart Jean Emmanuel, Ramseyer Victor, Picard Ghislain, Arnaud Laurent, Coulaud Catherine, Freche Guilhem, Soubeyrand Damien, Lejeune Yves, Dumont Marie, Gouttevin Isabelle, Le Gac Erwan, Berger Frederic, Monnet Jean Matthieu, Borgniet Laurent, Mermin Eric, Rutter Nick, Webster Clare, and Essery Richard (2023). [Snow accumulation and ablation measurements in a mid-latitude mountain coniferous forest \(Col de Porte, France, 1325 m alt.\): The Snow Under Forest field campaigns dataset](#). *ESSD* 2023-174 <https://doi.org/10.5194/essd-2023-174> [Journal Article](#)

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Snow accumulation and ablation measurements in a mid-latitude mountain coniferous forest (Col de Porte, France, 1325 m alt.): The Snow Under Forest field campaigns dataset

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[Col de Porte, France](#)

[ESSD - INARCH Special Issue 871 - Hydrometeorological data from mountain and alpine research catchments](#)

[Dataset](#) [SnoUF: Snow Under Forest. Snow, forest and meteorological measurements at Col de Porte](#)

Publication Additional Information Download

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Publication Type

Journal Article

[Col de Porte, Fr](#)

[ESSD - INARCH](#)

[Sicart Jean Emr](#)

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[mount conif](#)

Authorship

Sicart Jean Emmanuel, Ramseyer Victor, Picard Ghislain, Arnaud Laurent, Coulaud Catherine, Freche Guilhem, Soubeyrand Damien, Lejeune Yves, Dumont Marie, Gouttevin Isabelle, Le Gac Erwan, Berger Frederic, Monnet Jean Matthieu, Borgniet Laurent, Mermin Eric, Rutter Nick, Webster Clare, and Essery Richard

Title

Snow accumulation and ablation measurements in a mid-latitude mountain coniferous forest (Col de Porte, France, 1325 m alt.): The Snow Under Forest field campaigns dataset

Year

2023

Publication Outlet

ESSD 2023-174

DOI

<https://doi.org/10.5194/essd-2023-174>

Citation

Sicart, J. E., Ramseyer, V., Picard, G., Arnaud, L., Coulaud, C., Freche, G., Soubeyrand, D., Lejeune, Y., Dumont, M., Gouttevin, I., Le Gac, E., Berger, F., Monnet, J. M., Borgniet, L., Mermin, E., Rutter, N., Webster, C., and Essery, R.: Snow accumulation and ablation measurements in a mid-latitude mountain coniferous forest (Col de Porte, France, 1325 m alt.): The Snow Under Forest field campaigns dataset, Earth Syst. Sci. Data Discuss. [preprint], <https://doi.org/10.5194/essd-2023-174>, in review, 2023

Abstract

Forests strongly modify the accumulation, metamorphism and melting of snow in mid and high-latitude regions. Recently, snow routines in hydrological and land surface models have been improved to incorporate more accurate representations of forest snow processes, but model inter-comparison projects have identified deficiencies, partly due to incomplete knowledge of the processes controlling snow cover in forests. The Snow Under Forest (SnoUF) project was initiated to enhance knowledge of the complex interactions between snow and vegetation. Two field campaigns, during the winters 2016–17 and 2017–18, were conducted in a coniferous forest bordering the snow study at Col de Porte (1325 m a.s.l. French Alps) to document the snow accumulation and ablation processes. This paper

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Finding Datasets, Publications, Sites, etc.

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Djankuat Research Basin, Russia

Country

Russia

MeteorologicalVariables

Air temperature and Relative Humidity Djankuat Glacier AWS 1 Campbell AWS - Vaisala MT300 sensor 3000 2007-2021 15 min Operating during June-September Djankuat Glacier AWS 2 Campbell AWS - Vaisala MT300 sensor 3050 2007-2009 15 min Operating during June-September Djankuat Glacier AWS 3 DAVIS AWS 3200 2017 15 min Operating during June-September Djankuat Base Camp AWS DAVIS AWS 2640 2007 - ongoing 15 min Operating during June-September Solar Radiation Djankuat Glacier AWS 1 Campbell AWS -KEEP & ZONNEN radiometers 3000 2007-2021 15 min Operating during June-September Djankuat Glacier AWS 2 Campbell AWS -KEEP & ZONNEN radiometers 3050 2007-2009 15 min Operating during June-September Longwave Radiation Djankuat Glacier AWS 1 Campbell AWS - wind sensor 3000 2007-2021 15 min Operating during June-September Djankuat Glacier AWS 2 Campbell AWS -KEEP & ZONNEN radiometers 3050 2007-2009 15 min Operating during June-September Wind Speed/Direction Djankuat Glacier AWS 1 Campbell AWS - wind sen ...

Purpose

The Djankuat glacier was chosen as representative of the central North Caucasus during the International Hydrological Decade (IHD) - research program on water problems launched by UNESCO in 1965 - and is one of 30 'reference' glaciers in the world which has annual mass balance series longer than 50 years. The mass-balance measurements have been carried out on Djankuat glacier since 1967 till now regularly (www.wgms.ch) based on standard methods. Detailed hydrological and meteorological measurements were included in the monitoring program of the station during the IHD and came to an end in the late 1970s. The comprehensive hydrometeorological observation was resumed in the Djankuat research basin since 2007. Hydrometeorological measurements were done during the ablation season every year since 2007, all-year round hydrological gauge since 2021, and the observational program gradually expanded during 2007-2023 and now goes beyond the standard network hydrological and meteorological obse ...

SiteName

Djankuat Research Basin

Search Results for: precipitation

Alpine Research Site 1.0 T-2023-10-06-31byY33k32uNE329z9WJ1UFuHA

Djankuat Research Basin, Russia

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Djankuat Research Basin

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Dataset 1.2 T-2020-12-06-p1sJB2NYVPUWNfIFMRwPJYw

4-KM WRF CONUS I Simulations

Keywords

WRF CONUS 4-KM Latent heat flux Sensible heat flux Mixing ratio Precipitations Radiation Temperature NCAR

ProjectAffiliations

GWFO-CPE: Climate-Related Precipitation Extremes

Purpose

Two NCAR simulations (13-year): (1) retrospective simulation (October 2000 to September 2013) with initial and boundary conditions from ERA-Interim (2) future climate sensitivity simulation with initial and boundary conditions derived from reanalysis and modified by adding the CMIP5 ensemble mean of the high emission scenario climate change.

RelatedProject1

GWFO-CPE: Climate-Related Precipitation Extremes

Summary

The dataset is from a high resolution climate change simulation that permits convection and resolves mesoscale orography at 4 km grid spacing over much of North America using the Weather Research and Forecasting (WRF) model. The project aims to provide new insights into the future occurrence of precipitation-related extremes including drought, intense precipitation events and hazardous winter precipitation. Such extremes impact many sectors across Canada including agriculture, electrical utilities, engineering design, health, and insurance.



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Dataset 1.2 T-2020-12-06-p1sJB2NYVPUWNfiFMRwPJYw

4-KM WRF CONUS I Simulations

Keywords

WRF CONUS 4-KM Latent heat flux Sensible heat flux Mixing ratio Precipitations Radiatio

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RelatedProject1

GWFO-CPE: Climate-Related Precipitation Extremes

Summary

The dataset is from a high resolution climate change simulation that permits convection parameterization. The project aims to provide new insights into the future occurrence of precipitation-related extreme events, including heavy precipitation, agriculture, electrical utilities, engineering design, health, and insurance.

X

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A-Interim (2) future climate sensitivity simulation with initial and boundary conditions derived from

ing over much of North America using the Weather Research and Forecasting (WRF) model. The project
hazardous winter precipitation. Such extremes impact many sectors across Canada including

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Dataset 1.2 T-2020-12-06-p1sJB2NYVPUNfIFMRwPJYw

4-KM WRF CONUS I Simulations

Keywords

WRF CONUS 4-KM Latent heat flux Sensible heat flux Mixing ratio Precipitations Radiatio

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A-Interim (2) future climate sensitivity simulation with initial and boundary conditions derived from

ing over much of North America using the Weather Research and Forecasting (WRF) model. The project
hazardous winter precipitation. Such extremes impact many sectors across Canada including



Search Results for: precipitation

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Dataset 1.3 T-2026-09-03-11KI2TpE2MU2RDO11FYWYeQ

A 40-year high-resolution gridded meteorological dataset derived from station observations in the Reynolds Creek Experimental Watershed

Abstract

A 40-year gridded meteorological forcing dataset spanning the water years from 1 October 1983 to 30 September 2023 was compiled for the Reynolds Creek Experimental Watershed (RCEW) in southwest Idaho, USA. This Reynolds Creek Long-Term (RCLT) dataset consists of hourly, 10 m resolution grids of air temperature, vapor pressure, precipitation mass and phase, incoming shortwave and longwave radiation, visible and infrared snow albedo, and wind speed and direction. These variables were interpolated and calculated from hourly measurements from the dense meteorological station network within the mountainous 239 km² RCEW, which contains elevations that span the historical winter rain-to-snow transition. The observations are foundational for many ecological and hydrological Land Surface Models (LSMs) used in research and operational applications. Additionally, an example use case is presented in which we show how the snow-dominated area of the basin has evolved over the data record. This 13 TB ...



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Dataset 1.3 T-2026-08-24-W1VfXgeGD3UGcv5f9MBwv6Q

A high-resolution snow and hydrometeorological dataset for the Dischma region in Switzerland

Summary

We provide 7 water years of high-resolution (100 m) spatially distributed hourly meteorological data for the Dischma catchment and surrounding areas in eastern Switzerland that will be useful as input to various models. These model forcing data include air temperature, relative humidity, wind speed and direction, short- and longwave radiation, and precipitation, alongside land and forest cover information. The meteorological data were obtained from a numerical weather prediction model and precipitation radar product. The model forcing data, used by Quéno et al. (2024) for detailed snow simulations including snow redistribution processes, have been formatted for ease of use to facilitate different modelling

Applying Quotes for Exact Match

"A long-term hydrometeorological dataset (1993-2014) of a northern mountain basin: Wolf Creek Research Basin"



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A long-term hydrometeo



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A long-term hydrometeorological dataset (1993-2014) of a northern mountain basin: Wolf Creek Research Basin, Yukon Territory, Canada

DatasetTitle

A long-term hydrometeorological dataset (1993-2014) of a northern mountain basin: Wolf Creek Research Basin, Yukon Territory, Canada



Record Type Keywords

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Dataset 1.3 T-2026-08-28-p1f3e5qIqTEyibfPAp3smBeA

Hourly Integrated Land-Atmosphere Interaction Observation Dataset for the High-Altitude Mountainous Region of Gyirong, Tibet (2021-2026)

Abstract

Approximate English translation from simplified Chinese: Jilong County, Shigatse City, Tibet, is located on the southern edge of the Himalayas, with high terrain and complex mountainous terrain, and the risk of natural disasters such as flash floods, mudslides and landslides caused or exacerbated by extreme weather is high. On August 26, 2026, a major mudslide disaster occurred at the Geelong Port in Geelong County, causing heavy casualties, which aroused widespread concern from all walks of life about extreme weather and natural disaster risks in the high and cold mountains of the Himalayan region. The disaster also further highlights the importance of long-term continuous meteorological observation in high and cold mountains, and strengthening disaster weather monitoring and scientific research. In order to give full play to the social and scientific research value of long-term scientific observation data, this data set is collated and open to sharing the year-to-hour continuous obs ...

Citations

Ma Yaoming, Ma Weiqiang, Xie Zhipeng, Wang Binbin, Chen Xuelong, Han Cunbo. (2026) An hourly comprehensive observation data set of geo-gas interactions in the high-cold mountains of Tibet (2021-2026). National Qinghai-Tibet Plateau Science Data Center. <https://doi.org/10.11888/Atmos.tpd.c.303600>. <https://cstr.cn/18406.11>. Atmos.tpd.c.303600.

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Dataset 1.3 T-2026-09-03-E1fGRv2CuSk6VgJPob5UiVw

青藏高原地气相互作用综合观测数据集 - Spatially extensive long-term quality-assured land-atmosphere interactions dataset over the Tibetan Plateau (2005-2021)

Fetch info from: [INARCH](#) Search is currently set to find [Everything](#)

Hourly Integrated Land-Atmosphere Interaction Observation Dataset for the High-Altitude Mountainous Region of Gyirong, Tibet (2021-2026)

[INARCH Datasets](#)[Gyirong, Tibet Plateau, China](#)[Overview](#)[Research Site](#)[Access and Downloads](#)

Dataset Title

Hourly Integrated Land-Atmosphere Interaction Observation Dataset for the High-Altitude Mountainous Region of Gyirong, Tibet (2021-2026)

Dataset DOI

<https://doi.org/10.1888/Atmos.tpdc.303600> . Atmos.tpdc.303600

Abstract

Approximate English translation from simplified Chinese:

Jilong County, Shigatse City, Tibet, is located on the southern edge of the Himalayas, with high terrain and complex mountainous terrain, and the risk of natural disasters such as flash floods, mudslides and landslides caused or exacerbated by extreme weather is high. On August 26, 2026, a major mudslide disaster occurred at the Geelong Port in Geelong County, causing heavy casualties, which aroused widespread concern from all walks of life about extreme weather and natural disaster risks in the high and cold mountains of the Himalayan region. The disaster also further highlights the importance of long-term continuous meteorological observation in high and cold mountains, and strengthening disaster weather monitoring and scientific research. In order to give full play to the social and scientific research value of long-term scientific observation data, this data set is collated and open to sharing the year-to-hour continuous observation data of the 2021-2026 of the Gaohan Mountain Meteorological Tower in Shigatse City, Tibet, aiming to provide users with accessible and usable basic meteorological observation data in the field of disaster prevention and reduction of scientific research institutions,

Fetch info from: **INARCH** Search is currently set to find **Everything**

Hourly Integrated Land–Atmosphere Interaction Observation Dataset for the High-Altitude Mountainous Region of Gyirong, Tibet (2021–2026)

INARCH Datasets
Gyirong, Tibet Plateau, China

Overview Research Site Access and Downloads

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Datasets and Real-time Data Feeds

Data Centre Postings

Download Links and Instructions

Dataset information:
<https://data.tpdac.ac.cn/zh-hans/data/5b09afd1-d11b-4150-a291-50f0484dddf1>

Data download (direct WaterNet download):
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2021_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2022_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2023_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2024_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2025_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_FLUX_JILO_2026_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2021_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2022_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2023_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2024_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2025_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_MET_JILO_2026_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2021_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2022_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2023_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2024_hourly.csv

https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2021_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2022_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2023_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2024_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2025_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_RADM_JILO_2026_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2021_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2022_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2023_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2024_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2025_hourly.csv
https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/QC_SOIL_JILO_2026_hourly.csv

Downloadable archive of all files of this dataset
(download and then extract using: tar -xzf AllFiles.tgz)
<https://waternet.ca/fileserv/T-2026-08-28-p1f3e5qlqTEyibfPAp3smBeA/AllFiles.tgz>

- File formats and online databases
- ☐ Link to online database or web services (e.g., WISKI, ECCO)
 - ☐ Archive files (.zip, .rar, .7z, .tar, .tgz, .tar.gz, etc.)
 - ☒ CSV files (.csv - comma or tab separated value files)
 - ☐ Excel document files (.xlsx, .xls)
 - ☐ Image files (e.g., .tiff, .jpeg, .png, .gif, etc.)
 - ☐ NetCDF files (.netcdf, .nc)
 - ☐ Text files (.txt)
 - ☐ Word document files (.docx, .doc)
 - ☐ Other (Please specify in field below)

Record Type Keywords

find **datasets** related to the Tibetan Plateau

give me **publications** on “water quality”

give me **sites** in +tibet

show **datasets** and **publications** regarding +”beaver dams”

Finding Datasets, Publications, Sites, etc.

(3) Using the Map



WaterNet
Home



GWFO
Home



Catalogue
Master Index



Data
Centre ▼



Collections ▼



Websites ▼



Map



Utilities ▼



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find sites with



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Fetch info from: [GWF](#) [GWFO](#) [INARCH](#) Search is currently set to find [Everything](#)



Yukon [Map](#) [Record](#)

Datasets

18O and 2H in streamflow across Canada A national resource for tracing water sources, water balance and predictive modelling [Map](#) [Record](#)

A high-resolution snow and hydrometeorological dataset for the Dischma region in Switzerland [Map](#) [Record](#)

A long-term water quality and meteorological data set (2014 - 2021) of a eutrophic prairie lake: Buffalo Pound Lake [Map](#) [Record](#)

A meteorological and blowing snow data set (2000-2016) from a high-elevation alpine site (Col du Lac Blanc, France, 2720 m a.s.l.) [Map](#) [Record](#)

A shared microbiome between wild and captive fathead minnows [Map](#) [Record](#)

A soil permittivity and temperature dataset of Canadian agricultural soils acquired in laboratory and in situ [Map](#) [Record](#)

Abiotic and vegetation community data from *Alnus alnobetula* shrub and open tundra sites at Trail Valley Creek, NT [Map](#) [Record](#)

ABoVE Characterization of Carbon Dynamics in Burned Forest Plots, NWT, Canada, 2014 [Map](#) [Record](#)

ABoVE Landsat-derived Annual Dominant Land Cover Across ABoVE Core Domain, 1984-2014 [Map](#) [Record](#)

ABoVE Wildfire Carbon Emissions and Burned Plot Characteristics, NWT, CA, 2014-2016 [Map](#) [Record](#)

ABoVE: Synthesis of Burned and Unburned Forest Site Data, AK and Canada, 1983-2016 [Map](#) [Record](#)

Aggregated gridded bedrock depth dataset for Mackenzie and Nelson-Churchill River Basin based on bedrock data by Shannouan et al

Research Sites

Alder Creek [Map](#) [Record](#)

Arou (Babao River), China [Map](#) [Record](#)

Athabasca Glacier [Map](#) [Record](#)

Attawapiskat Research Site [Map](#) [Record](#)

Baker Creek (GWFO) [Map](#) [Record](#)

Baker Creek Research Site [Map](#) [Record](#)

Berchtesgaden National Park [Map](#) [Record](#)

BERMS Research Site [Map](#) [Record](#)

Blair Creek [Map](#) [Record](#)

Bogg Creek and Surround Areas (GWFO) [Map](#) [Record](#)

Bologna Glacier (GWFO) [Map](#) [Record](#)

Borden Bridge [Map](#) [Record](#)

Bow Hut [Map](#) [Record](#)

Brewster Glacier, New Zealand [Map](#) [Record](#)



Datasets

A high-resolution snow and hydrometeorological dataset for the Dischma region in Switzerland [Map](#) [Record](#)

A meteorological and blowing snow data set (2000–2016) from a high-elevation alpine site (Col du Lac Blanc, France, 2720 m a.s.l.) [Map](#) [Record](#)

An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests [Map](#) [Record](#)

Cariboo Alpine Mesonet (CAMnet) Database [Map](#) [Record](#)

Continuous meteorological and snow hydrological measurements since 2013 from three automatic weather stations (AWS) in the upper Rofental, Ötztal Alps, Austria [Map](#) [Record](#)

Debris-cover surface temperature from TIR imagery, Peyto Glacier [Map](#) [Record](#)

Glaciological, hydrological, meteorological observations and isotopes sampling results during 2007–2017 at Djankuat Glacier Station in the North Caucasus, Russia [Map](#) [Record](#)

Hourly Integrated Land–Atmosphere Interaction Observation Dataset for the High-Altitude Mountainous Region of Gyirong, Tibet (2021–2026) [Map](#) [Record](#)

Hydrometeorological data collected at Wolf Creek Research Basin, Yukon Territory, Canada over 1993–2014 [Map](#) [Record](#)

Hydrometeorological data from Marmot Creek Research Basin, Canadian Rockies [Map](#) [Record](#)

Hydrometeorological, glaciological and geospatial research data from the Peyto Glacier Research Basin in the Canadian Rockies [Map](#) [Record](#)

Modelling of the Seasonal Snow Cover Dynamics for Open and Forested

Research Sites

Arou (Babao River), China [Map](#) [Record](#)

Berchtesgaden National Park [Map](#) [Record](#)

Brewster Glacier, New Zealand [Map](#) [Record](#)

Bridger Range, USA [Map](#) [Record](#)

Burstall Creek [Map](#) [Record](#)

Col de Porte [Map](#) [Record](#)

Col du Lac Blanc [Map](#) [Record](#)

Dadongshu Yakou (Binggou River), China [Map](#) [Record](#)

Dischma/Davos, Switzerland [Map](#) [Record](#)

Djankuat Research Basin, Russia [Map](#) [Record](#)

Dry Creek Experimental Watershed [Map](#) [Record](#)

Entering record 2022-08-10 #5 Guadalfeo Basin [Map](#) [Record](#)

Estero Las Bayas, Chile [Map](#) [Record](#)

Fortress Junction Service Research Site [Map](#) [Record](#)



Spatially extensive long-term quality-assured land-atmosphere interactions dataset over the Tibetan Plateau

[Download Map](#)

- + Reset

Rectangular



[Download Map](#)

- + Reset

Rectangular

Legend
[Collapse All](#) [Expand All](#)

+ Miscellaneous

+ Basins

— Datasets

A high-resolution snow and hydrometeorological dataset for the Dischma region in Switzerland [Map](#) [Record](#)

A meteorological and blowing snow data set (2000–2016) from a high-elevation alpine site (Col du Lac Blanc, France, 2720 m a.s.l.) [Map](#) [Record](#)

Hydrometeorological data collected at Wolf Creek Research Basin, Yukon Territory, Canada over 1993–2014 [Map](#) [Record](#)

Hydrometeorological data from Marmot Creek Research Basin, Canadian Rockies [Map](#) [Record](#)

Hydrometeorological, glaciological and geospatial research data from the Peyto Glacier Research Basin in the Canadian Rockies [Map](#) [Record](#)

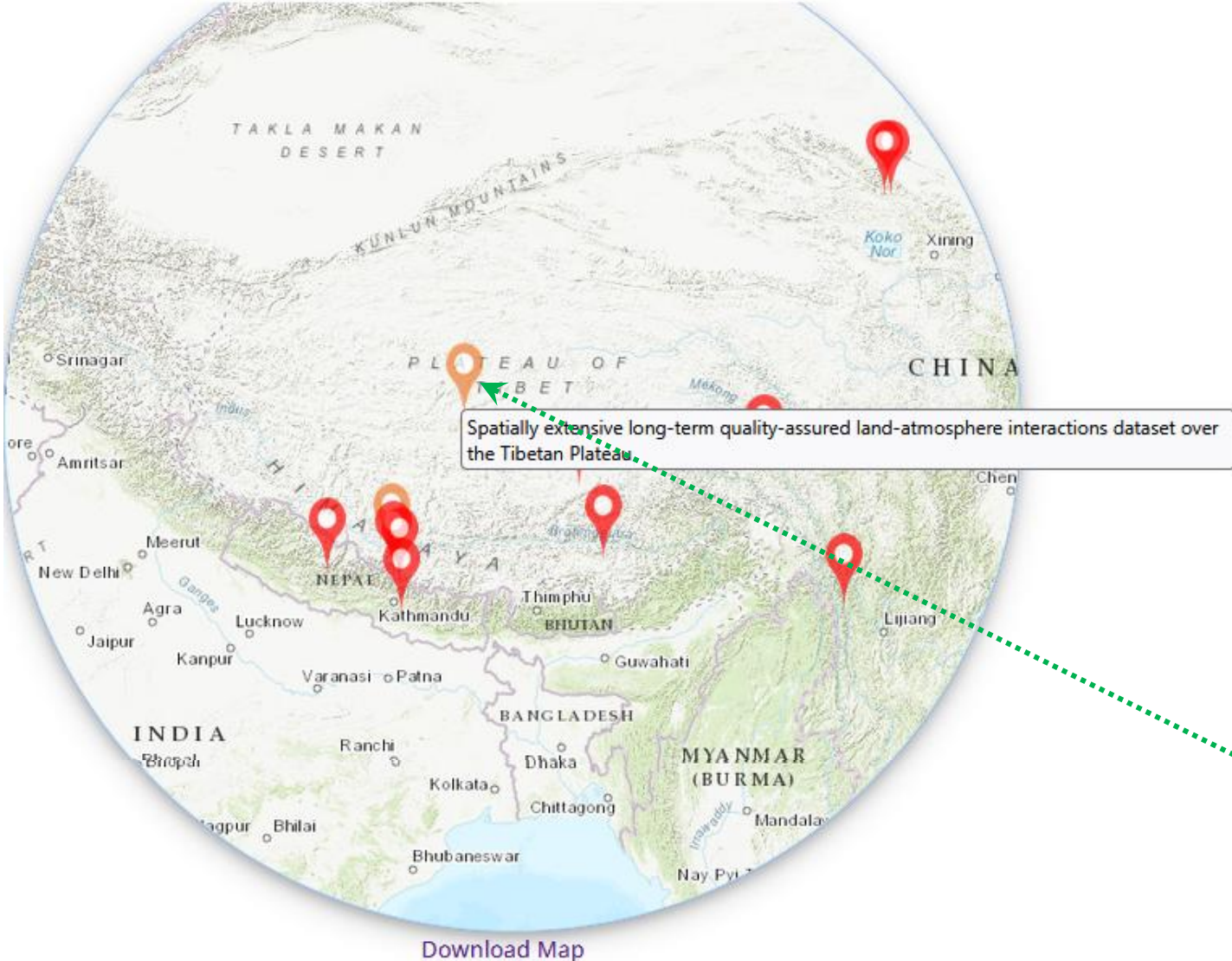
Modelling of the Seasonal Snow Cover Dynamics for Open and Forested Areas in the Berchtesgaden National Park (Germany) Using the openAMUNDSEN Mountain Snow Cover Model [Map](#) [Record](#)

SNOUF: Snow Under Forest. Snow, forest and meteorological measurements at Col de Porte [Map](#) [Record](#)

Spatially extensive long-term quality-assured land-atmosphere interactions dataset over the Tibetan Plateau [Map](#) [Record](#)

— Research Sites

Arou (Babao River), China [Map](#) [Record](#)



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+ Miscellaneous

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— Datasets

A high-resolution snow and hydrometeorological dataset for the Dischma region in Switzerland [Map](#) [Record](#)

A meteorological and blowing snow data set (2000–2016) from a high-elevation alpine site (Col du Lac Blanc, France, 2720 m a.s.l.) [Map](#) [Record](#)

Hydrometeorological data collected at Wolf Creek Research Basin, Yukon Territory, Canada over 1993–2014 [Map](#) [Record](#)

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Spatially extensive long-term quality-assured land-atmosphere interactions dataset over the Tibetan Plateau [Map](#) [Record](#)

— Research Sites

Arzu (Babao River), China [Map](#) [Record](#)

Finding Datasets (and related
Publications, Sites, etc.

(4) Using the *Data Centre* dashboard

Fetch info from: **INARCH** Search is currently set to find **Everything**

Find Data By Variable

Find Data By Site, Facility, or Deployable

Show Near-realtime Telemetry (7 day)

Data Feeds

Collections: INARCH

Total Sites: 49

Total Stations/Zones: 51

Total Data Feeds: 1592

INARCH

Sites: 34

Data: 22

Indexes: 16

Publications: 120

Misc. Records: 65

Fetch info from: **INARCH** Search is currently set to find **Everything**

View Modes
By Variable
By Site
Telemetry (By Site)

Find Data By Variable

Find Data By Site, Facility, or
Deployable

Show Near-realtime Telemetry (7
day)

Data Feeds

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View Modes
By Variable
By Site
Telemetry (By Site)

Find Data By Variable
Find Data By Site, Facility, or Deployable
Show Near-realtime Telemetry (7 day)

Data Feeds

Collections: INARCH
Total Sites: 49
Total Stations/Zones: 51
Total Data Feeds: 1592

INARCH

Sites: 34
Data: 22
Indexes: 16
Publications: 120
Misc. Records: 65

By Variable

Variable type(s) selection (categorized)

- Info pulled from and linked to data records in the system
- every dataset or near real-time data source available in the system is mapped to one or more WMO-inspired standardized variable lineage (and a simplified version):

atmosphere, surface, radiation, downward short-wave irradiance

is simplified in the variable selection box as:

shortwave radiation in classified under meteorology

Listing of sites having selected variable type(s)

Map of sites having selected variable type(s)

Details Pane (data details, availability, download &/ viewing links)

The screenshot shows the WaterNet for Canada website. The top navigation bar includes links for WaterNet Home, GWFO Home, Catalogue Master Index, Data Centre, Collections, Websites, Map, Utilities, and Login. Below the navigation bar, there is a search bar and a section for 'Show Data'. The 'Show Data' section has three radio buttons: 'By Variable(s)' (selected), 'By Site/Facility', and 'By Site (Real-time Telemetry)'. There are also date pickers for 'From' and 'To' (both set to 'YYYY-MM-DD') and a checkbox for 'Show Historical Data' which is checked. Below the 'Show Data' section, there is a 'Select Variable(s)' box with a 'clear all selections' link and 'expand all'/'collapse all' links. The box contains a list of variable categories: cryosphere, hydrology, meteorology, remote sensing, and technical. To the right of the 'Select Variable(s)' box is a 'Sites and Facilities with Selected Variable(s)' section. Below these sections is a map of Canada and the United States. A red arrow points from the 'Variable type(s) selection (categorized)' text to the 'Select Variable(s)' box. Another red arrow points from the 'Listing of sites having selected variable type(s)' text to the 'Sites and Facilities with Selected Variable(s)' section. A third red arrow points from the 'Map of sites having selected variable type(s)' text to the map. A fourth red arrow points from the 'Details Pane (data details, availability, download &/ viewing links)' text to a green circle at the bottom right of the map area. A 'Go to Top' button is located in the bottom right corner.



Fetch info from: [INARCH](#) Search is currently set to find [Everything](#)

[Data Policy](#) [Help](#) [Disclaimer](#)

Show Data ☒ By Variable(s)
☐ By Site/Facility
☐ By Site (Real-time Telemetry)

From
To

☒ Show Historical Data

Select Variable(s)

[clear all selections](#)

[expand all](#) [collapse all](#)

cryosphere

[select all](#) [clear all](#)

- ☐ albedo
- ☐ area covered by snow
- ☐ blowing snow
- ☐ glacier area
- ☐ glacier, NES
- ☐ snow depth
- ☐ snow temperature
- ☒ snow water equivalent
- ☐ snow, NES

hydrology

[select all](#) [clear all](#)

- ☒ canopy NES

Sites and Facilities with Selected Variable(s)

Berchtesgaden National Park, Germany

Col de Porte, France

Dischma/Davos, Switzerland

Fortress Mountain, Canada

Marmot Creek, Canada

Reynolds Creek, USA

Rofental High Alpine Research Basin, Austria

Valle Hermoso, Chile

Wolf Creek Research Basin, Canada

- ☐ blowing snow
- ☐ glacier area
- ☐ glacier, NES
- ☐ snow depth
- ☐ snow temperature
- ☒ snow water equivalent
- ☐ snow, NES

hydrology

[select all](#) [clear all](#)

- ☒ canopy NES
- ☐ canopy surface temperature
- ☐ heat flux
- ☐ hydraulic conductivity
- ☐ land cover
- ☐ land surface temperature
- ☒ leaf area index
- ☐ river discharge
- ☐ river, NES
- ☐ soil moisture
- ☐ soil temperature
- ☐ solid particle mass flux
- ☐ water discharge
- ☐ water level
- ☐ water temperature

meteorology

remote sensing

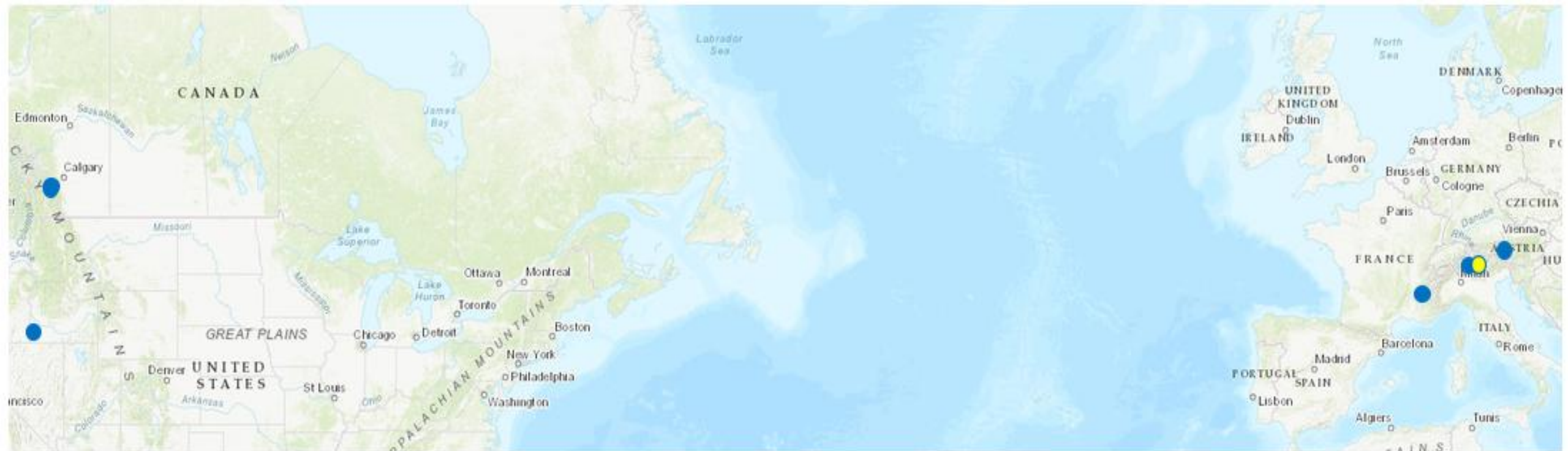
Reynolds Creek, USA

Rofental High Alpine Research Basin, Austria

Valle Hermoso, Chile

Wolf Creek Research Basin, Canada

Go to Top



Rofental High Alpine Research Basin, Austria

[View Record](#) [Edit Record](#)

Static Datasets

Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
datum covers multiple variable types:	Continuous meteorological and snow hydrological		Static Dataset	From 2013 to 2025	View WaterNet dataset record Download data and description

[Go to Top](#)

Static Datasets

Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
datum covers multiple variable types: - meteorology air temperature (atmosphere, surface, temperature) - meteorology shortwave radiation out (atmosphere, surface, radiation, upward short-wave irradiance) - meteorology longwave radiation out (atmosphere, surface, radiation, upward long-wave irradiance) - meteorology shortwave radiation in (atmosphere, surface, radiation, downward short-wave irradiance) - meteorology longwave radiation in (atmosphere, surface, radiation, downward long-wave irradiance) - meteorology precipitation (atmosphere, surface, precipitation)	Continuous meteorological and snow hydrological measurements since 2013 from three automatic weather stations (AWS) in the upper Rofental, Ötztal Alps, Austria time series from three automatic meteorological and snow-hydrological stations at Bellavista, Latschbloder, and Proviantdepot		Static Dataset	From 2013 to 2025	 View WaterNet dataset record  Download data and description Direct downloads from WaterNet file service:  2023-037_Warscher-et-al_data_description_Rofental_v2.0.pdf  2023-037 Data_Rofental_UIBK_2023-08_V1.0.zip  2023-037 _Data_Rofental_UIBK_v1.0.zip  Data_Rofental_UIBK_2025_v2.0.zip

cryosphere

hydrology

meteorology

[select all](#) [clear all](#)

- ☐ air temperature
- ☐ atmospheric pressure
- ☐ longwave radiation in
- ☐ longwave radiation out
- ☐ meteorological NES
- ☐ net radiation
- ☒ precipitation
- ☐ relative humidity
- ☐ shortwave radiation in
- ☐ shortwave radiation out
- ☐ specific humidity
- ☐ vapour pressure
- ☐ wind direction
- ☐ wind other
- ☐ wind speed

remote sensing

[select all](#) [clear all](#)

- ☐ laser altimeter
- ☐ lidar

Burstein Creek, Canada

Col de Porte, France

Col du Lac Blanc, France

Dischma/Davos, Switzerland

Dry Creek Experimental Watershed (DCEW), USA

Fortress Mountain, Canada

Gyirong, Tibet Plateau, China

Kyzylsu Catchment, Tajikistan

Marmot Creek, Canada

Peyto Glacier, Canada

Reynolds Creek, USA

Rofental High Alpine Research Basin, Austria

Valle Hermoso, Chile

Wolf Creek Research Basin, Canada

Go to Top



RMM_LBS_UU

[Download all precipitation data](#)

Centennial Ridge

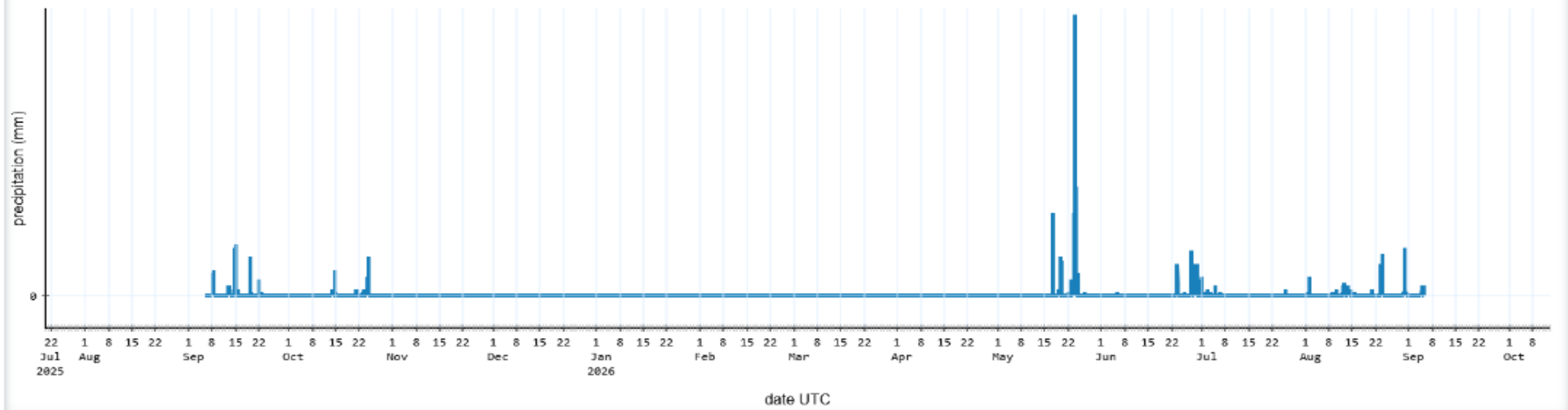
Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
meteorology precipitation (atmosphere, surface, precipitation)	Precip_TBRG (Precipitation during interval) from station RMM_NA1_00	mm	filled	From 2005-07-24 to the present	View recent precipitation (filled) data Download precipitation data (filled, most recent year) Download all precipitation data
meteorology precipitation (atmosphere, surface, precipitation)	Precip_TBRG (Precipitation during interval) from station RMM_NA1_00	mm	original	From 2005-07-24 to the present	View recent precipitation (original) data Download precipitation data (original, most recent year) Download all precipitation data Real-time Telemetry Chart
meteorology precipitation (atmosphere, surface, precipitation)	Precip_TBRG (Precipitation during interval) from station RMM_NA1_00	mm	qaqc	From 2005-07-24 to the present	View recent precipitation (qaqc) data Download precipitation data (qaqc, most recent year) Download all precipitation data

Confluence 5 Meteorological

[Go to Top](#)

Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
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Precipitation



Marmot Creek, Canada

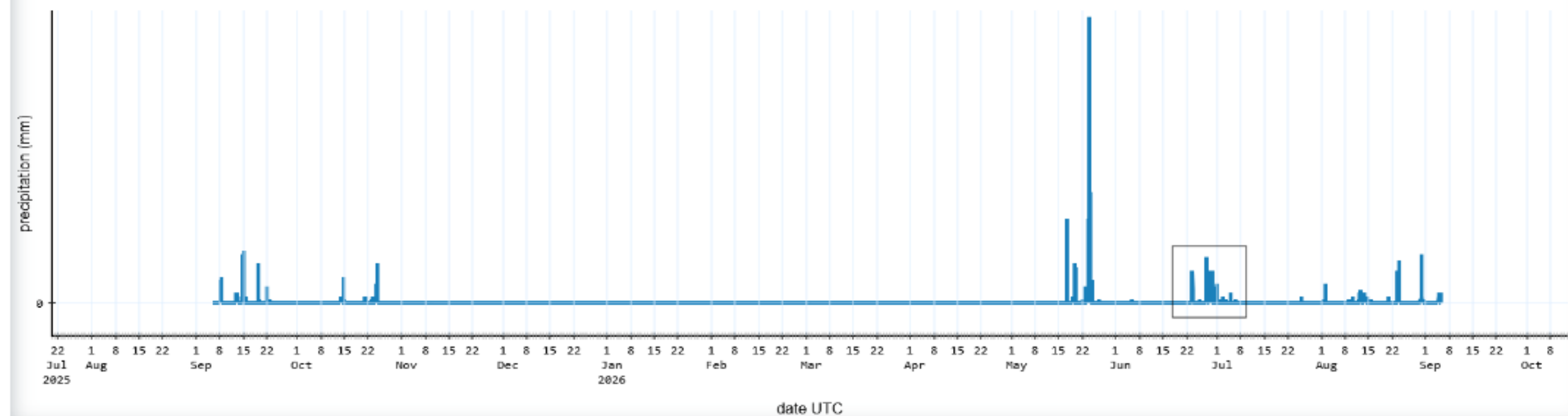
[View Record](#) [Edit Record](#)

Static Datasets

Data Type(s)	Elaboration	Units	Version/Grade	Availability	Access Info

[Go to Top](#)

Precipitation



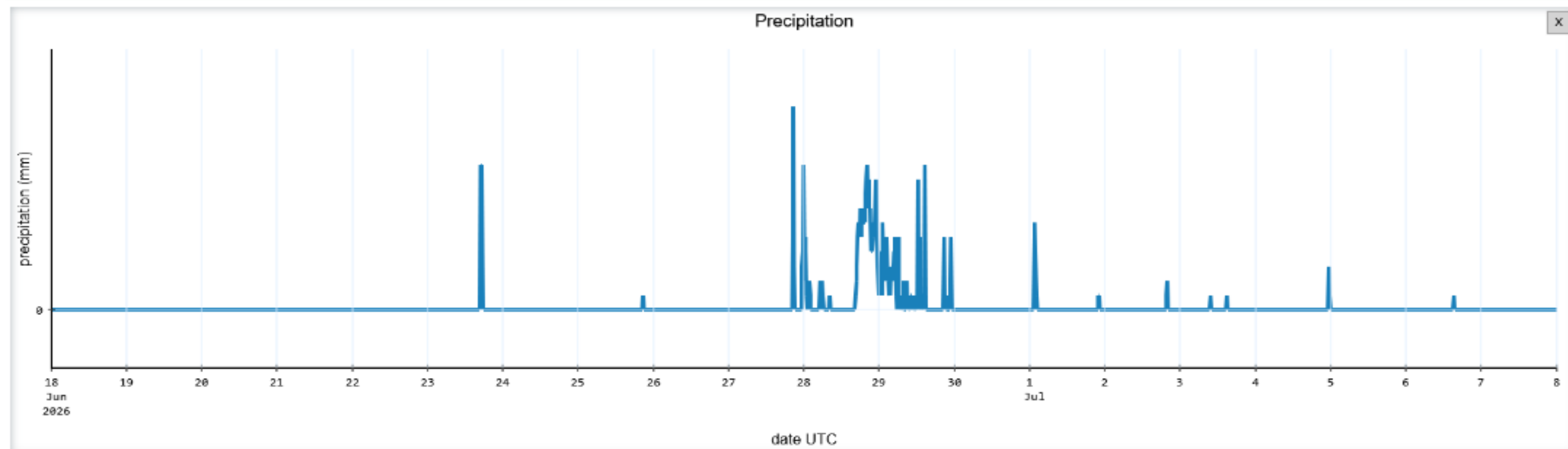
Marmot Creek, Canada

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Static Datasets

Data Type(s)	Elaboration	Units	Version/Grade	Availability	Access Info

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Marmot Creek, Canada

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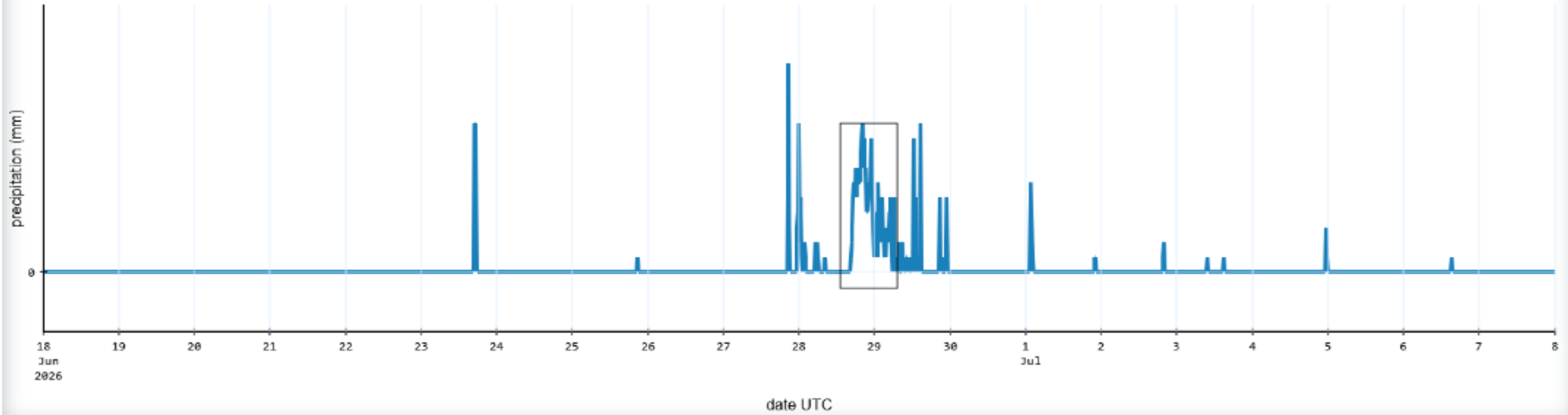
Static Datasets

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Precipitation

X



Marmot Creek, Canada

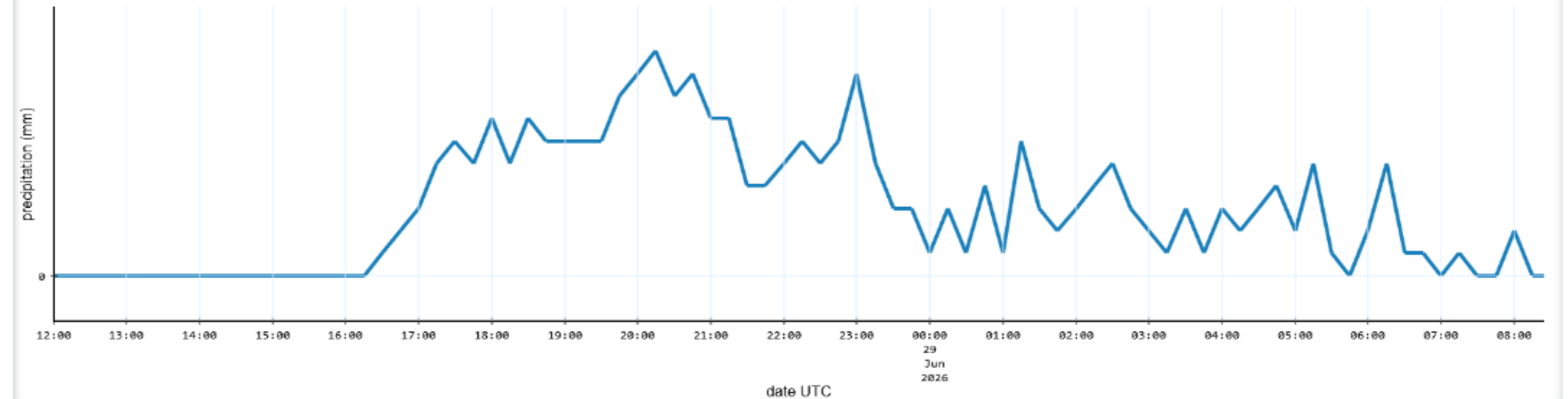
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Static Datasets

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Precipitation



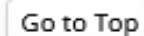
Marmot Creek, Canada

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Static Datasets

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Data Type(s)	Elaboration	Units	Version/	Availability	Access Info
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Fetch info from: **INARCH** Search is currently set to find **Everything**

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Show Data ☐ By Variable(s) ☒ By Site/Facility ☐ By Site (Real-time Telemetry)

From To ☒ Show Historical Data

Select Site or Facility

Berchtesgaden National Park, Germany
Burstall Creek, Canada
Col de Porte, France
Col du Lac Blanc, France
Dischma/Davos, Switzerland
Dry Creek Experimental Watershed (DCEW), USA
Fortress Mountain, Canada
Gyirong, Tibet Plateau, China
Kyzylsu Catchment, Tajikistan
Marmot Creek, Canada
Peyto Glacier, Canada
Reynolds Creek, USA
Rofental High Alpine Research Basin, Austria
Valle Hermoso, Chile
Wolf Creek Research Basin, Canada

Stations/Zones of Selected Site or Facility

+ Static Datasets
+ Alpine
+ Alpine Tower
+ Buckbrush
+ Forest
+ Forest Tower
+ Granger Basin 2
+ Granger Basin 3
+ Granger Basin 4
+ Granger Basin 5

Select Site or Facility

Berchtesgaden National Park, Germany
 Burstall Creek, Canada
 Col de Porte, France
 Col du Lac Blanc, France
 Dischma/Davos, Switzerland
 Dry Creek Experimental Watershed (DCEW), USA
 Fortress Mountain, Canada
 Gyirong, Tibet Plateau, China
 Kyzylsu Catchment, Tajikistan
 Marmot Creek, Canada
 Peyto Glacier, Canada
 Reynolds Creek, USA
 Rofental High Alpine Research Basin, Austria
 Valle Hermoso, Chile
Wolf Creek Research Basin, Canada

Stations/Zones of Selected Site or Facility

- Static Datasets

cryosphere blowing snow Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

cryosphere snow depth Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

cryosphere snow water equivalent Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

cryosphere snow, NES Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

hydrology canopy NES Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

meteorology air temperature Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

meteorology precipitation Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

meteorology relative humidity Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

meteorology shortwave radiation in Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

meteorology wind speed Static Dataset An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests

- Alpine

cryosphere blowing snow original BlowingSnow_0.77m (Blowing Snow Particles) from station WOC_ALC_00

cryosphere snow depth filled SnowDepth_ultrasonic (Snow depth) from station WOC_ALC_00

cryosphere snow depth original SnowDepth_ultrasonic (Snow depth) from station WOC_ALC_00

cryosphere snow depth qaqc SnowDepth_ultrasonic (Snow depth) from station WOC_ALC_00

cryosphere snow temperature original SnowTemp_1cmTypeE (Snow temperature) from station WOC_ALC_00

hydrology canopy surface temperature original SurfTemp_Apogee (Surface temperature) from station WOC_ALC_00

hydrology canopy surface temperature original SurfTemp_Everest (Surface temperature) from station WOC_ALC_00

hydrology heat flux original SoilHeatFluxAtPlate_8cmHFT3 (Soil heat flux at flux plate) from station WOC_ALC_00

hydrology soil moisture original SoilVWC_05cmCS615 (Soil volumetric water content) from station WOC_ALC_00

hydrology soil moisture original SoilVWC_15cmCS615 (Soil volumetric water content) from station WOC_ALC_00

meteorology wind speed original WindSpeed_UpperCup (Wind speed) from station WOC_ALC_00

technical battery voltage original BatteryVoltage_LoggerAL1 (Battery Voltage) from station WOC_ALC_00

+ Alpine Tower

+ Buckbrush

+ Forest

+ Forest Tower



Wolf Creek Research Basin, Canada

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Static Datasets

Data Type(s)	Elaboration	Units	Version/Grade	Availability	Access Info
datum covers multiple variable types:	An Evaluation of New Snow Interception		Static Dataset	2006 - 2023	 View WaterNet Record  Download dataset

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Static Datasets

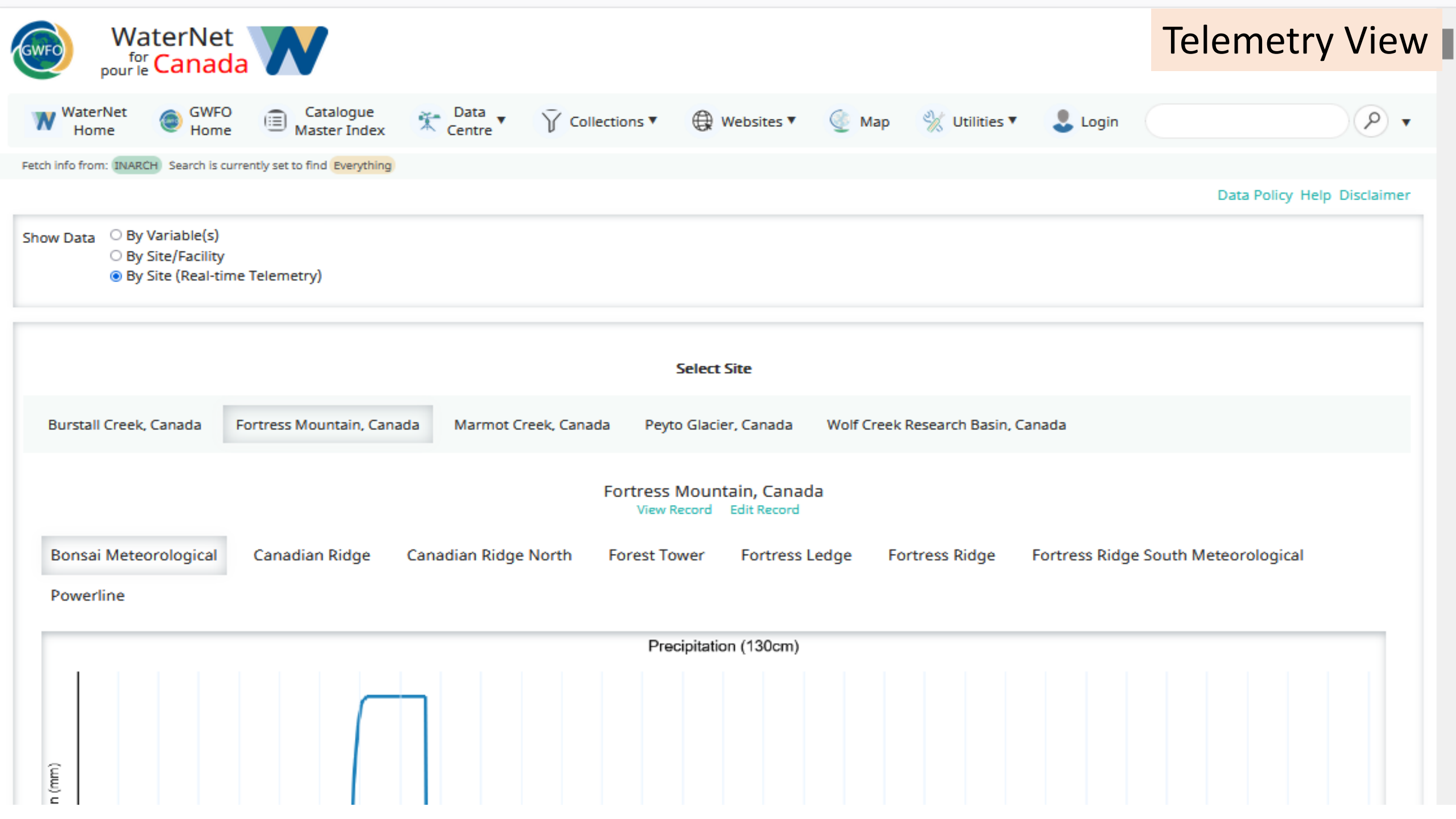
Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
datum covers multiple variable types: - cryosphere blowing snow (cryosphere, snow, blowing snow) - cryosphere snow, NES (cryosphere, snow, NES) - cryosphere snow depth (cryosphere, snow, snow depth) - hydrology canopy NES (same as above) - cryosphere snow water equivalent (cryosphere, snow, snow water equivalent) - meteorology precipitation (atmosphere, surface, precipitation) - meteorology shortwave radiation in (atmosphere, surface, radiation, downward short-wave irradiance) - meteorology air temperature (atmosphere, surface, temperature) - meteorology relative humidity (atmosphere, surface, water vapour, relative humidity)	An Evaluation of New Snow Interception and Ablation Parameterisations in Continental, Subarctic and Maritime Needleleaf Forests		Static Dataset	2006 - 2023	 View WaterNet Record  Download dataset
vapour, relative humidity) - meteorology wind speed (atmosphere, surface, wind, speed)					

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Alpine

Data Type(s)	Elaboration	Units	Version/ Grade	Availability	Access Info
cryosphere blowing snow (cryosphere, snow, blowing snow)	BlowingSnow_0.77m (Blowing Snow Particles) from station WOC_ALC_00	---	original	Historical Data From 1993-09-23 to 2014-01-01	 View recent blowing snow (original) data  Download blowing snow data (original, most recent year)  Download all blowing snow data
cryosphere snow depth (cryosphere, snow, snow depth)	SnowDepth_ultrasonic (Snow depth) from station WOC_ALC_00	mm	filled	Historical Data From 1993-09-23 to 2024-01-26	 View recent snow depth (filled) data  Download snow depth data (filled, most recent year)  Download all snow depth data
cryosphere snow depth (cryosphere, snow, snow depth)	SnowDepth_ultrasonic (Snow depth) from station WOC_ALC_00	cm	original	Historical Data From 1993-09-23 to 2024-01-26	 View recent snow depth (original) data  Download snow depth data (original, most recent year)  Download all snow depth data

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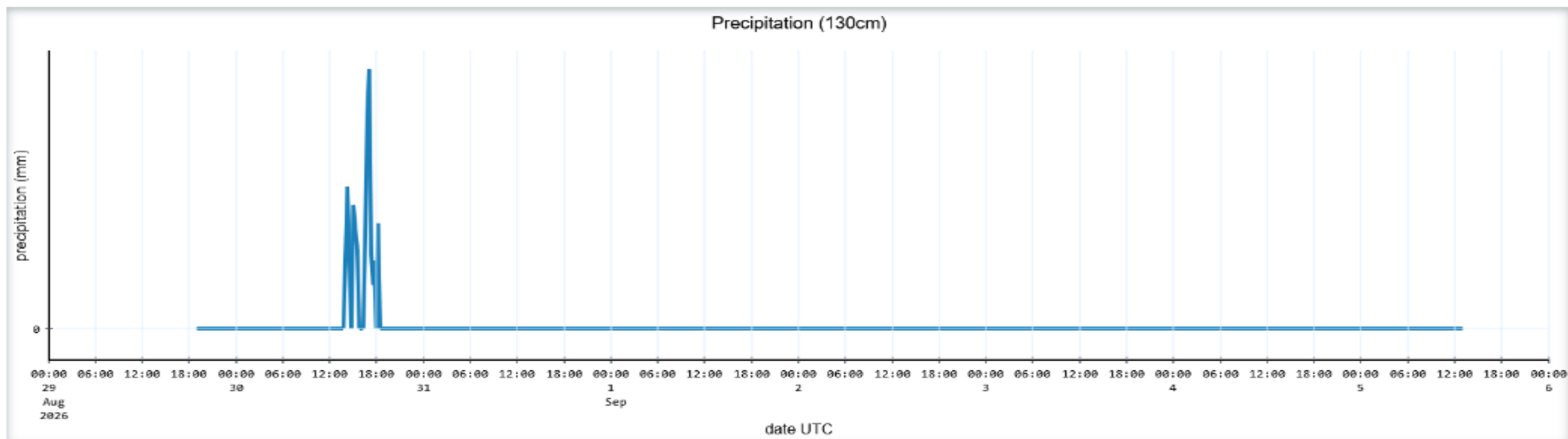


date UTC

Median: 808.00 mm Mean: 492.12 mm Interquartile Range: [815.00 mm, 0.00 mm] Skewness Coefficient: -2.38 Low (2026-09-05 at 13:00:00 o'clock): - - High (2026-08-30 at 18:00:00 o'clock): 815.00 mm
Latest Measurement (2026-09-05 at 13:00:00 o'clock): 0 mm

atmosphere, surface, precipitation

AccumPrecip_130cmPluvioRawBucket (Accumulated precipitation) from station RMF_BNS_00



Median: 0.00 mm Mean: 0.00 mm Interquartile Range: [0.00 mm, 0.00 mm] Skewness Coefficient: 0.38 Low (2026-09-05 at 13:00:00 o'clock): - - High (2026-08-30 at 17:00:00 o'clock): 0.42 mm
Latest Measurement (2026-09-05 at 13:00:00 o'clock): 0 mm

atmosphere, surface, precipitation

Precip_130cmPluvio (Precipitation during interval) from station RMF_BNS_00

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Key Takeaways

- You can share your COPE data and information through the WaterNet information system increasing the value of WaterNet and accesses to your data

stephen.ohearn@usask.ca

- Information (metadata) will be automatically integrated with similar information (from past, currently existing, and future programmes)
- Information from COPE data will be strongly contextualized through relationships with (especially) publications and sites
- Researchers around the world with similar research interests will find it to further their research and promote collaborations with you and with other

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