Metadata

Field	Value
Dataset Name	Amundsen KuKa Data
Dataset General Type	KuKa Data
Dataset Type	Collection
Dataset Level	1.1
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Cryosphere
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/cryosphere
Dataset Status	Complete
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2025-10-01
Dataset DOI	10.34992/KQYY-WJ24

Field	Value
Metadata Creation Date	2025
Publisher	CanWIN
Dataset Authors	
Dataset Authors 1	
Name	Stroeve, Julienne
Type of Name	Personal
Email	julienne.stroeve@umanitoba.ca
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	
Dataset Authors 2	
Name	Soriot, Clement
Type of Name	Personal
Email	clement.soriot@umanitoba.ca
Affiliation	Centre for Earth Observation Science - University of Manitoba

Field	Value
ORCID ID	
Contributors	
Contributors 1	
Name	
Role	
Email	
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	
Project Data Curator	Stroeve, Julienne
Project Data Curator email	julienne.stroeve@umanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Dataset Collection Start Date	2025-09-12
Dataset Collection End Date	2025-09-27
Sample Collection	
Sample Collection 1	

Field	Value
Sampling Instrument Name	KuKa radar
Standardized Sampling Instrument Name	
Sample Collection Method Name	transect
Comment	
Method Link	
Method Summary	
Method Description Type	Methods
Activity Collection Type	Field Measurement
Preferred citation	
Analytical Instrument	
Analytical Instrument 1	
Analytical Instrument Name	KuKa
Standardized Analytical Instrument Name	
Analytical Instrument Identifier Id	
Analytical Instrument Title Type	Alternative Title
Analytical Instrument Identifier Type	
Analytical Method	
Analytical Method 1	

Field	Value
Analytical Method Name	
Method Link	
Method Summary	Data has been converted from the raw data format into netcdf format.
Laboratory	
Comments	KuKa.py was used to convert the data into netCDF. A version of KuKa.py can be found here: https://github.com/robbiemallett/kukapy_RM
Variables Measured	radar backscatter
Licence Name or Copyright Statement	Creative Commons Attribution 4.0 International
Copyright Statement	
Licence Type	Open
Embargo Date	
Licence URL	https://spdx.org/licenses

Field	Value
Terms of Access	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.
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	C150
Website	https://www.canada150.chairs-chaires.gc.ca/home-accueil-eng.aspx
Funder Name	Government of Canada
Funder Identifier Code	
Funder Identifier Type	Crossref Funder ID
Funder Identifier Scheme	https://www.crossref.org/services/funder-registry
Grant Number	50296

Field	Value
Related Resources	
Publications	
Spatial regions	
Spatial extent West Bound Longitude	
Spatial extent East Bound Longitude	
Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	

Data and Resources

Field	Value
URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/Amundsen_KuKa_Data_7fb1_1c47_a015/
Name	Amundsen KuKa Data
Description	Data collected during the Amundsen field campaign to the Queen Elizabeth Islands.
Format	.nc
Resource Category	data