

Metadata

Dataset Name	Arctic Sea Ice Phenology in CMIP6
Dataset General Type	Sea ice model data
Dataset Type	Dataset
Dataset Level	2
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	2023-01-24
Dataset DOI	10.34992/cgzt-5n02
Metadata Creation Date	2023
Publisher	CanWIN
Dataset Authors	
Dataset Authors 1	
Name	Crawford, Alex
Type of Name	Personal

Email	alex.crawford@umanitoba.ca
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	0000-0003-1561-290X
	ORCID
	http://orcid.org/
Contributors	
Contributors 1	
Name	Stroeve, Julianne
Role	ProjectLeader
Email	juienne.stroeve@umanitoba.ca
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	0000-0001-7316-8320
	ORCID
	http://orcid.org/
Project Data Curator	Crawford, Alex
Project Data Curator email	alex.crawford@umanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Dataset Collection Start Date	1850-01-01
Dataset Collection End Date	2100-01-01
Sample Collection	
Sample Collection 1	
Sampling Instrument Name	
Standardized Sampling Instrument Name	
Sample Collection Method Name	
Comment	

<div>Method Link</div> <div>Method Summary</div> <div>Method Description Type</div>	Methods
Activity Collection Type	
Preferred citation	
<div>Analytical Instrument</div> <div>Analytical Instrument 1</div> <div><div>Analytical Instrument Name</div><div>Standardized Analytical Instrument Name</div><div>Analytical Instrument Identifier Id</div><div>Analytical Instrument Title Type</div><div>Analytical Instrument Identifier Type</div></div> <div>Alternative Title</div>	
<div>Analytical Method</div> <div>Analytical Method 1</div> <div><div>Analytical Method Name</div><div>Method Link</div><div>Method Summary</div><div>Laboratory</div><div>Comments</div><div>Variables Measured</div></div>	
License Name	Creative Commons Attribution 4.0 International

Licence Type	Open
Embargo Date	
Licence URL	https://spdx.org/licenses
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 <div> <div>Award Title</div> <div>Canada-150 Research Chair Program: Climate-Sea Ice Coupling</div> <div>Website</div> <div></div> <div>Funder Name</div> <div>Canada 150 Research Chairs, Government of Canada</div> <div>Funder Identifier Code</div> <div></div> <div>Funder Identifier Type</div> <div></div> <div>Funder Identifier Scheme</div> <div></div> <div>Grant Number</div> <div></div> </div>	
Related Resources Related Resources 1 <div> <div>Related Resource Name</div> <div>Sea Ice Phenology Code</div> <div>Resource Code</div> <div>10.5281/zenodo.4730450</div> <div>Identifier Type</div> <div>DOI</div> <div>Relationship To This Dataset</div> <div>Compiles</div> <div>Resource Type</div> <div>Online Resource</div> <div>Type</div> <div>Software</div> <div>Series Name</div> <div></div> </div>	

Related

Resources 2

Related
Resource
Name

Coupled Model Intercomparison Project Phase 6 (CMIP6)

Resource
Code

10.5194/gmd-9-1937-2016

Identifier Type

DOI

Relationship
To This
Dataset

IsRequiredBy

Resource Type

Online Resource

Type

Dataset

Series Name

Publications

Publications 1

Publication
Name

Arctic open-water periods are projected to lengthen dramatically by 2100

Identifier Code

10.1038/s43247-021-00183-x

Identifier Type

DOI

Relationship to
this dataset

IsSupplementedBy

Resource Type

Online Resource

Publication
Type

JournalArticle

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

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/Alex_Crawford_sea_ice_model_a97c_4efd_e7b6/
Name	Arctic Sea Ice Phenology in CMIP6
Description	Daily sea ice concentration from CMIP6 models that were run under four experiments: historical, ssp126, ssp245, and ssp585. Click on any file to download.
Format	
Resource Category	data

Related Publications

Title	Arctic open-water periods are projected to lengthen dramatically by 2100
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/arctic-open-water-periods-are-projected-to-lengthen-dramatically-by-2100