

# Metadata

|                                     |   |
|-------------------------------------|---|
| Title                               | CEOS/NSIDC Extratropical Cyclone Tracking   |
| Research Program Name               |   |
| Keyword Vocabulary                  | Polar Data Catalogue  |
| Keyword Vocabulary URL              | <a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>               |
| Website                             |   |
| Theme                               |   |
| Title                               | Atmosphere  |
| URL                                 | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/en/group/modelling</a> |
| Status                              | In Progress   |
| Project Area                        | Northern hemisphere   |
| Spatial regions                     | northern-hemisphere   |
| Spatial extent West Bound Longitude | -180.0  |
| Spatial extent East Bound Longitude | 180.0   |
| Spatial extent South Bound Latitude | 0.0   |
| Spatial extent North Bound Latitude | 90.0  |
| Project DOI                         | 10.34992/ebnw-s681  |
| Metadata Creation Date              | 2024  |
| Publisher                           | CanWIN  |

## Principal Investigators

### Principal Investigators 1

|                                    |  |
|------------------------------------|--|
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| Principal Investigator Affiliation | Centre for Earth Observation Science - University of Manitoba              |
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|                                    | <a href="http://orcid.org/">http://orcid.org/</a>                          |

## Co-Investigators

### Co-Investigators 1

|                             |  |
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| Co-Investigator Role        | ProjectMember  |
| Co-Investigator Email       | <a href="mailto:serreze@nsidc.org">serreze@nsidc.org</a> |
| Co-Investigator Affiliation | National Snow and Ice Data Center                        |
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### Co-Investigators 2

|                       |  |
|-----------------------|--|
| Co-Investigator Name  | Stroeve, Julianne C  |
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|                                  |  |
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| Project Data Curator             | Alex D. Crawford   |
| Project Data Curator email       | <a href="mailto:alex.crawford@umantioba.ca">alex.crawford@umantioba.ca</a>   |
| Project Data Curator Affiliation | Centre for Earth Observation Science - University of Manitoba  |
| Project Start Date               | 2015-01-20   |
| Project End Date                 |  |
| License Name                     | Creative Commons Attribution 4.0 International   |
| Licence Schema Name              | SPDX   |
| Licence URL                      | <a href="https://spdx.org/licenses">https://spdx.org/licenses</a>  |
| 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]( <a href="https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0">https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0</a> ).  |
| Awards                           |  |
| Related Facilities               | ▯  |

## Sub-projects

|       |   |
|-------|---|
| Title | Extreme Precipitation Events in Greenland & Baffin Bay  |
| URL   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/project/extreme-precipitation-events-in-greenland-baffin-bay">https://canwin-datahub.ad.umanitoba.ca/data/en/project/extreme-precipitation-events-in-greenland-baffin-bay</a> |

# Related Datasets

|       |   |
|-------|---|
| Title | Northern Hemisphere Extratropical Cyclone Tracks from ERA-5   |
| URL   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/nsidc-extratropical-cyclone-tracking-cnect">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/nsidc-extratropical-cyclone-tracking-cnect</a> |

# Related Publications

|       |   |
|-------|---|
| Title | Sensitivity of Northern Hemisphere Cyclone Detection and Tracking Results to Fine Spatial and Temporal Resolution Using ERA5  |
| URL   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/cyclone-tracking-resolution-sensitivity">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/cyclone-tracking-resolution-sensitivity</a>   |
| Title | The Response of extratropical cyclone propagation in the Northern Hemisphere to global warming  |
| URL   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/the-response-of-extratropical-cyclone-propagation-in-the-northern-hemisphere-to-global-warming">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/the-response-of-extratropical-cyclone-propagation-in-the-northern-hemisphere-to-global-warming</a> |