

# Metadata

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|--|---|
| <b>Title</b>                               | CEOS/NSIDC Extratropical Cyclone Tracking   |
| <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>                             |   |
| <b>Theme</b>                               |   |
| <b>Title</b>                               | Atmosphere  |
| <b>URL</b>                                 | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/en/group/modelling</a> |
| <b>Status</b>                              | In Progress   |
| <b>Project Area</b>                        | Northern hemisphere   |
| <b>Spatial regions</b>                     | northern-hemisphere   |
| <b>Spatial extent West Bound Longitude</b> | -180.0  |
| <b>Spatial extent East Bound Longitude</b> | 180.0   |
| <b>Spatial extent South Bound Latitude</b> | 0.0   |
| <b>Spatial extent North Bound Latitude</b> | 90.0  |
| <b>Project DOI</b>                         | 10.34992/ebnw-s681  |

**Metadata****Creation Date** 2024**Publisher** CanWIN**Principal Investigators****Principal Investigators 1****Principal Investigator Name** Crawford, Alex D**Type of Name** Personal**Principal Investigator Email** [alex.crawford@umanitoba.ca](mailto:alex.crawford@umanitoba.ca)**Principal Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba**Principal Investigator ORCID ID** 0000-0003-1561-290X

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**Project Start  
Date** 2015-01-20

**Project End  
Date**

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| <b>Awards</b>             |  |
| <b>Related Facilities</b> | □  |

## Related Datasets

|              |   |
|--------------|---|
| <b>Title</b> | Extreme precipitation days and their impact on surface mass balance in Greenland and the Baffin Bay region  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/extreme-precipitation-smb-greenland">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/extreme-precipitation-smb-greenland</a>               |
| <b>Title</b> | Northern Hemisphere Extratropical Cyclone Tracks from ERA-5   |
| <b>URL</b>   | <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> |
| <b>Title</b> | Northern Hemisphere Extratropical Cyclone Tracks in CMIP6   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/cnect-nh-cmip6">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/cnect-nh-cmip6</a>   |

## Related Publications

|              |   |
|--------------|---|
| <b>Title</b> | A decomposition of the key drivers of current and future Northern Hemisphere cyclone-associated precipitation trends  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/publication/key-drivers-of-current-and-future-nh-cap-trends">https://canwin-datahub.ad.umanitoba.ca/data/en/publication/key-drivers-of-current-and-future-nh-cap-trends</a>   |
| <b>Title</b> | Sensitivity of Northern Hemisphere Cyclone Detection and Tracking Results to Fine Spatial and Temporal Resolution Using ERA5  |
| <b>URL</b>   | <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>   |
| <b>Title</b> | The Response of extratropical cyclone propagation in the Northern Hemisphere to global warming  |
| <b>URL</b>   | <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> |