

ISO Geodetic Registry

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| <i>Item class</i> | Transformation | |
| <i>Name</i> | NAD83(Original) to NAD83(CSRS) v2 [SKv1] | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 794 | |
| <i>Information source</i> | <i>Title</i> | FAQ: What are some of the transformation methods for Canada? |
| | <i>Author</i> | Esri Canada |
| | <i>Publisher</i> | Esri, Redlands, CA |
| | <i>Publication date</i> | 2016-05-05 |
| | <i>Issue identification</i> | Article ID: 000011846 |
| | <i>Other citation details</i> | http://downloads2.esri.com/support/TechArticles/Grid-based_Transformation_Methods_for_Canada3.pdf (accessed 2021-11-26) |
| <i>Information source</i> | <i>Title</i> | Desktop Applications: NTV2 |
| | <i>Author</i> | Canadian Geodetic Survey |
| | <i>Publisher</i> | Canadian Geodetic Survey, Surveyor General Branch, Earth Sciences Sector, Natural Resources Canada, Government of Canada |
| | <i>Publication date</i> | 2017-02-28 |
| <i>Information source</i> | <i>Other citation details</i> | Webpage. https://webapp.geod.nrcan.gc.ca/geod/tools-outils/applications.php?locale=en (accessed N4 (accessed 2021-11-26) |
| | <i>Title</i> | Grid shift files |
| | <i>Author</i> | Saskatchewan Information Services Corporation (ISC) |
| | <i>Publisher</i> | Saskatchewan Information Services Corporation (ISC), Geomatics Distribution Centre, Regina, Saskatchewan |
| <i>Information source</i> | <i>Publication date</i> | 2017-03-28 |
| | <i>Other citation details</i> | Webpage. https://www.isc.ca/MapsandPhotos/GISData/Pages/Shift.aspx (accessed 2021-11-26) |
| | <i>Title</i> | Coordinate Transformations |
| | <i>Author</i> | Canadian Geodetic Survey |
| <i>Information source</i> | <i>Publisher</i> | Canadian Geodetic Survey, Natural Resources Canada, Ottawa, ON, Canada |
| | <i>Revision date</i> | 2021-06-23 |
| | <i>Other citation details</i> | Webpage. https://webapp.geod.nrcan.gc.ca/geod/data-donnees/transformations.php (accessed 2021-06-23) |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Grid tranformation in NTV2 format adopted for use in Saskatchewan. | |
| <i>Operation version</i> | SKv1 | |
| <i>Scope</i> | Spatial referencing | |
| <i>Operation accuracy</i> | 0.1 m | |
| <i>Source CRS</i> | NAD 83 (1986) - LatLon | |
| <i>Target CRS</i> | NAD83(CSRS) v2 - LatLon | |
| <i>Operation method</i> | NTV2 | |

Extent

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|--------------------------------|-------------------------------|--------|
| <i>Description</i> | Canada - Saskatchewan. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -110.0 |

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|-----------------------------|---------|
| <i>North-bound latitude</i> | 60.0 |
| <i>East-bound longitude</i> | -101.34 |
| <i>South-bound latitude</i> | 49.0 |

Operation parameter values

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|---|-------------|
| <i>Latitude and Longitude difference file</i> | SK83-98.GSB |
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| <i>Item class</i> | OperationMethod |
| <i>Name</i> | NTv2 |
| <i>Item status</i> | VALID |
| <i>Identifier</i> | 95 |
| <i>Alias</i> | National Transformation version 2 grid shift |
| <i>Data source</i> | ISO Geodetic Registry |
| <i>Remarks</i> | National Transformation version 2 grid shift file interpolation. Geodetic transformation operating on a grid of 2D geographic coordinate differences by bi-linear interpolation. Assumes longitudes to be positive west. |

Operation parameters

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| <i>Latitude and Longitude difference file</i> |
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