

# ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	<b>NAD27 to NAD83(CSRS) v2 [SKv1]</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	793	
<i>Information source</i>	<i>Title</i>	Coordinate Transformations
	<i>Author</i>	Canadian Geodetic Survey
	<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. <a href="https://webapp.geod.nrcan.gc.ca/geod/data-donnees/transformations.php">https://webapp.geod.nrcan.gc.ca/geod/data-donnees/transformations.php</a> (accessed 2021-06-23)
<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>Information source</i>	<i>Other citation details</i>	<a href="http://downloads2.esri.com/support/TechArticles/Grid-based_Transformation_Methods_for_Canada3.pdf">http://downloads2.esri.com/support/TechArticles/Grid-based_Transformation_Methods_for_Canada3.pdf</a> (accessed 2021-11-26)
	<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. <a href="https://webapp.geod.nrcan.gc.ca/geod/tools-outils/applications.php?locale=en">https://webapp.geod.nrcan.gc.ca/geod/tools-outils/applications.php?locale=en</a> (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>Publication date</i>	2017-03-28
<i>Information source</i>	<i>Other citation details</i>	Webpage. <a href="https://www.isc.ca/MapsandPhotos/GISData/Pages/Shift.aspx">https://www.isc.ca/MapsandPhotos/GISData/Pages/Shift.aspx</a> (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>Publication date</i>	2017-03-28
<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>	1.5 m	
<i>Source CRS</i>	NAD27 - LatLon	
<i>Target CRS</i>	NAD83(CSRS) v2 - LatLon	
<i>Operation method</i>	NTV2	

## Extent

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

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

Operation parameter values

<i>Latitude and Longitude difference file</i>	SK27-98.GSB
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<i>Item class</i>	OperationMethod
<i>Name</i>	<b>NTv2</b>
<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

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