Item class	Transformation	
Name	**NAD83(Original) to NAD83(CSRS) v2 [SKv1]**	
Item status	VALID	
Identifier	794	
Information source	Title	FAQ: What are some of the transformation methods for Canada?
	Author	Esri Canada
	Publisher	Esri, Redlands, CA
	Publication date	2016-05-05
	Issue identification	Article ID: 000011846
	Other citation details	http://downloads2.esri.com/support/TechArticles/Grid-based_Transformation_Methods_for_Canada3.pdf (accessed 2021-11-26)
Information source	Title	Desktop Applications: NTv2
	Author	Canadian Geodetic Survey
	Publisher	Canadian Geodetic Survey, Surveyor General Branch, Earth Sciences Sector, Natural Resources Canada, Government of Canada
	Publication date	2017-02-28
	Other citation details	Webpage. https://webapp.geod.nrcan.gc.ca/geod/tools-outils/applications.php?locale=en (accessed N4 (accessed 2021-11-26)
Information source	Title	Grid shift files
	Author	Saskatchewan Information Services Corporation (ISC)
	Publisher	Saskatchewan Information Services Corporation (ISC), Geomatics Distribution Centre, Regina, Saskatchewan
	Publication date	2017-03-28
	Other citation details	Webpage. https://www.isc.ca/MapsandPhotos/GISData/Pages/Shift.aspx (accessed 2021-11-26)
Information source	Title	Coordinate Transformations
	Author	Canadian Geodetic Survey
	Publisher	Canadian Geodetic Survey, Natural Resources Canada, Ottawa, ON, Canada
	Revision date	2021-06-23
	Other citation details	Webpage. https://webapp.geod.nrcan.gc.ca/geod/data-donnees/transformations.php (accessed 2021-06-23)
Data source	ISO Geodetic Registry	
Remarks	Grid tranformation in NTv2 format adopted for use in Saskatchewan.	
Operation version	SKv1	
Scope	Spatial referencing	
Operation accuracy	0.1 m	
Source CRS	NAD 83 (1986) - LatLon	
Target CRS	NAD83(CSRS) v2 - LatLon	
Operation method	NTv2	

Extent

Description	**Canada - Saskatchewan.**	
Geographic Bounding Box	West-bound longitude	-110.0

North-bound latitude	60.0
East-bound longitude	-101.34
South-bound latitude	49.0

Operation parameter values

Latitude and Longitude difference file	SK83-98.GSB

ISO Geodetic Registry

Item class	OperationMethod
Name	**NTv2**
Item status	VALID
Identifier	95
Alias	National Transformation version 2 grid shift
Data source	ISO Geodetic Registry
Remarks	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

Latitude and Longitude difference file