ISO Geodetic Registry

Item class	Transformation	
Name	**NAD83(Original) to NAD83(CSRS) v4 [ABv1]**	
Item status	VALID	
Identifier	469	
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
Information source	*Title*	Transformation Grid - NAD83(CSRS) Epoch 2002 to NAD83(Original) and v/v
	Author	G. Banham
	Publisher	Surveys Section (Geodetic Control Unit), Provincial Programs Branch, Operations Division, Alberta Environment and Parks, Government of Alberta
	Publication date	2017-01-30
	Other citation details	Personal email communication.
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
Data source	ISO Geodetic Registry	
Remarks	Grid tranformation in NTv2 format adopted for use in Alberta.	
Operation version	ABv1	
Scope	Spatial referencing	
Operation accuracy	0.1 m	
Source CRS	NAD 83 (1986) - LatLon	
Target CRS	NAD83(CSRS) v4 - LatLon	
Operation method	NTv2	

Extent

Description	**Canada - Alberta.**	
Geographic Bounding Box	West-bound longitude	-120.0
	North-bound latitude	60.0
	East-bound longitude	-109.98
	South-bound latitude	48.99

Operation parameter values

Latitude and Longitude difference file	ABCSRSv4.DAC

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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