

# ISO Geodetic Registry

<i>Item class</i>	Transformation	
<i>Name</i>	<b>NAD83(Original) to NAD83(CSRs) v7 [ABv1]</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	773	
<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>Edition</i>	
	<i>Edition date</i>	
	<i>Series/Journal name</i>	,
	<i>Issue identification</i>	,
	<i>Page</i>	,
	<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>	ABCSRSV7.GSB
	<i>Author</i>	Geodetic Control Unit
	<i>Publisher</i>	Geodetic Control Unit, Lands Policy and Programs Branch, Lands Division, Government of Alberta, Edmonton, AB, Canada
	<i>Revision date</i>	2021
	<i>Edition</i>	
	<i>Edition date</i>	
	<i>Series/Journal name</i>	,
	<i>Issue identification</i>	,
	<i>Page</i>	,
	<i>Other citation details</i>	
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Grid transformation in NTv2 format adopted for use in the province of Alberta, Canada.	
<i>Operation version</i>	ABv1	
<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) v7 - LatLon	
<i>Operation method</i>	NTv2	

## Extent

<i>Description</i>	<b>Canada - Alberta</b>	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-120.0
	<i>North-bound latitude</i>	60.0
	<i>East-bound longitude</i>	-110.0
	<i>South-bound latitude</i>	49.0

## Operation parameter values

<i>Latitude and Longitude difference file</i>	ABCSRSV7.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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