ISO Geodetic Registry

Item class	Transformation	
Name	**NAD 83 (2007) to NAVD88 - OHt [v1]**	
Item status	VALID	
Identifier	636	
Alias	GEOID09	
Information source	*Title*	National Geodetic Survey Geoid Homepage
	Author	National Geodetic Survey
	Publisher	National Oceanic and Atmospheric Administration (NOAA), National Geodetic Survey (NGS)
	Revision date	2017-04-16
	Edition date	
	Other citation details	Webpage for GEOID12B, GEOID09, GEOID06, GEOID03, GEOID99
Data source	ISO Geodetic Registry	
Remarks	Grid transformation	
Operation version	v1	
Scope	Spatial referencing	
Operation accuracy	0.05 m	
Source CRS	NAD 83 (2007) - LatLonEHt	
Target CRS	NAVD88 - OHt	
Operation method	Geographic3D to Gravity Related Height (US)	

Extent

Description	**United States (USA) - onshore - CONUS (Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming).**	
Geographic Bounding Box	*West-bound longitude*	-124.79
	North-bound latitude	49.38
	East-bound longitude	-66.91
	South-bound latitude	24.41

Operation parameter values

Geoid (height correction) model file	geoid09_conus.bin

ISO Geodetic Registry

Item class	OperationMethod
Name	**Geographic3D to Gravity Related Height (US)**
Item status	VALID
Identifier	93
Data source	ISO Geodetic Registry
Remarks	Transformation of the vertical component of a Geographic 3D CRS to a Vertical CRS.

Operation parameters

Geoid (height correction) model file