ISO Geodetic Registry

Item class VerticalCRS

Name NAVD88 - OHt

Item statusVALIDIdentifier256

Alias North American Vertical Datum of 1988 height (m)

Information source Title Affirmation of Vertical Datum for Surveying and

Mapping Activities

Author US Government

Publisher Office of Federal Register, NARA

Publication date 1993-06-24 Edition date 1993-06-24

Series/Journal name Federal Register Notice

Issue identification Volume 58, No. 120, Document: 93-14922,

Docket No. 930650-3150

Other citation details Mandates use of NAVD 88

Information source Title Results of the General Adjustment of the North

American Vertical Datum of 1988

Author D.B. Zilkoski, J.H. Richards, G.M. Young

Publisher American Cobgress on Surveying and Mapping

Publication date 1992-03-01 Edition date 1992-03-01

Series/Journal name Surveying and Land Information Systems

Issue identification Volume 52, No. 3

Page 133-149

Other citation details One of many NAVD 88 publiations. Nothing

definitive was every written, but this is most cited

Information source Title VERTCON User Manual

Author National Geodetic Survey

Publisher National Oceanic and Atmospheric Administration

(NOAA), National Geodetic Survey (NGS)

Publication date 2003-09-29 Edition date 2003-09-29

Other citation details NGS Online Readme File; Provides grids and

usage of VERTCON for transformations between

NGVD 29 and NAVD 88

Information source Title Notice to Adopt a Standard Model for

Mathematical Vertical Datum Transformations

Author US Government

Publisher Office of Federal Register, NARA

Publication date 2007-07-11 Edition date 2007-07-11

Series/Journal name Federal Register Notice

Issue identification Volume 72, No. 132, Document: 07-3377

Page 37732.0

Other citation details Mandates use of VERTCON for official

transformations between datums

Data source ISO Geodetic Registry
Scope Spatial referencing

Datum North American Vertical Datum of 1988

Coordinate System Vertical CS. Axis: height (H). Orientation: up. UoM: m.

Extent

United States (USA) - onshore - Alaska, 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	172.0
North-bound latitude	73.0
East-bound longitude	-66.0
South-bound latitude	24.0

ISO Geodetic Registry

Item class VerticalDatum

North American Vertical Datum of 1988

Item statusVALIDIdentifier193AliasNAVD88

Information source Title Affirmation of Vertical Datum for Surveying and

Mapping Activities

Author US Government

Publisher Office of Federal Register, NARA

Publication date 1993-06-24 Edition date 1993-06-24

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Other citation details NGS Online Readme File; Provides grids and

usage of VERTCON for transformations between

NGVD 29 and NAVD 88

Data source ISO Geodetic Registry

Remarks Helmert orthometric heights.

Anchor definition North American Vertical Datum of 1988 (NAVD 88) consists of a

leveling network on the North American Continent, ranging from Alaska, through Canada, across the United States, referenced to water levels at tide stations at Pointe-au-Pere (1970-1983) and Rimouski (1984-1988) in Canada. The station at Pointe-au-Pere was transferred to Rimouski in 1984. The station at Rimouski is the only one remaining

as a reference for NAVD88.

Release date 1993

Extent

Description	United States (USA) - onshore - Alaska, 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	172.0
	North-bound latitude	73.0
	East-bound longitude	-66.0
	South-bound latitude	24.0

ISO Geodetic Registry

Item class VerticalCS

Vertical CS. Axis: height (H). Orientation: up.

UoM: m.

Item status VALID
Identifier 42

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in vertical coordinate reference systems.

Axes

Item class CoordinateSystemAxis

Name Gravity-related height

Item statusVALIDIdentifier35

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in a 1D vertical coordinate system.

Abbreviation H
Direction up
Unit metre