

ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	EVRF2007 - NHt	
<i>Item status</i>	VALID	
<i>Identifier</i>	409	
<i>Alias</i>	European Vertical Reference Frame 2007,EVRF2007_AMST / NH	
<i>Information source</i>	<i>Title</i>	EVRF2007 as Realization of the European Vertical Reference System
	<i>Author</i>	M. Sacher, J. Ihde, G. Liebsch, J. Makinen
	<i>Publisher</i>	Istituto Geografico Militare, Firenze
	<i>Publication date</i>	2009
	<i>Edition date</i>	
	<i>Series/Journal name</i>	Bollettino di Geodesia e Scienze Affini
	<i>Issue identification</i>	Volume 68, No. 1
<i>Data source</i>	<i>Page</i>	35-50
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<i>Remarks</i>	Uses Normal heights referenced to the GRS80 ellipsoid. Replaces EVRF2000 - NHt.	
<i>Scope</i>	Spatial referencing	
<i>Datum</i>	European Vertical Reference Frame 2007	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

Extent

<i>Description</i>	Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France - mainland, Germany, Gibraltar, Hungary, Italy - mainland and Sicily, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain - mainland, Sweden, Switzerland, United Kingdom (UK) - Great Britain mainland, Vatican City State.	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-9.56
	<i>North-bound latitude</i>	71.21
	<i>East-bound longitude</i>	31.59
	<i>South-bound latitude</i>	35.95

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<i>Item class</i>	VerticalDatum	
<i>Name</i>	European Vertical Reference Frame 2007	
<i>Item status</i>	VALID	
<i>Identifier</i>	144	
<i>Alias</i>	EVRF2007	
<i>Information source</i>	<i>Title</i>	EVRF2007 as Realization of the European Vertical Reference System
	<i>Author</i>	M. Sacher, J. Ihde, G. Liebsch, J. Makinen
	<i>Publisher</i>	Istituto Geografico Militare, Firenze
	<i>Publication date</i>	2009
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	<i>Series/Journal name</i>	Bollettino di Geodesia e Scienze Affini
	<i>Issue identification</i>	Volume 68, No. 1
<i>Data source</i>	<i>Page</i>	35-50
	ISO Geodetic Registry	
<i>Remarks</i>	Replaces EVRF2000. Normal heights are referenced to the GRS80 ellipsoid.	
<i>Anchor definition</i>	EVRF2007 is realised by an adjustment of geopotential numbers and Normal heights of the United European Levelling Network. Height at Normal Amsterdams Peil (NAP) is zero, realized by least squares fit to 13 stations of the EVRF2000 solution. The realization used in Finland, Norway, Sweden, Denmark, Estonia, Latvia, Lithuania as well as northern parts of Germany and Poland were reduced to the epoch 2000 using the land uplift model NKG2005LU provided by the Nordic Geodetic Commission.	
<i>Release date</i>	2008	
<i>Coordinate Reference Epoch</i>	2000.0	
<i>Scope</i>	Spatial referencing	

Extent

<i>Description</i>	Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France - mainland, Germany, Gibraltar, Hungary, Italy - mainland and Sicily, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain - mainland, Sweden, Switzerland, United Kingdom (UK) - Great Britain mainland, Vatican City State.	
<i>Geographic Bounding Box</i>	<i>West-bound longitude</i>	-9.56
	<i>North-bound latitude</i>	71.21
	<i>East-bound longitude</i>	31.59
	<i>South-bound latitude</i>	35.95

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<i>Item class</i>	VerticalCS	
<i>Name</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	
<i>Item status</i>	VALID	
<i>Identifier</i>	42	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in vertical coordinate reference systems.	

Axes

<i>Item class</i>	CoordinateSystemAxis	
<i>Name</i>	Gravity-related height	
<i>Item status</i>	VALID	
<i>Identifier</i>	35	
<i>Information source</i>	<i>Title</i>	ISO 19111 Geographical information - Spatial referencing by coordinates
	<i>Author</i>	International Organization for Standardization (ISO)
	<i>Publisher</i>	International Organization for Standardization (ISO)
	<i>Publication date</i>	2007-07-01
	<i>Edition</i>	Second Edition
	<i>Series/Journal name</i>	International Standard
	<i>Issue identification</i>	ISO 19111:2007
	<i>Data source</i>	ISO Geodetic Registry
<i>Remarks</i>	Used in a 1D vertical coordinate system.	
<i>Abbreviation</i>	H	
<i>Direction</i>	up	
<i>Unit</i>	metre	