

# ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	<b>EVRF2000 - NHt</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	238	
<i>Alias</i>	European Vertical Reference Frame 2000,EVRF_AMST / NH	
<i>Information source</i>	<i>Title</i>	The Vertical Reference System for Europe
	<i>Author</i>	J. Ihde, W. Augath, M. Sacher
	<i>Publisher</i>	Springer, Berlin-Heidelberg
	<i>Publication date</i>	2002.0
	<i>Edition date</i>	
	<i>Series/Journal name</i>	International Association of Geodesy Symposia
	<i>Issue identification</i>	Volume 124
	<i>Page</i>	345-350
	<i>Other citation details</i>	In Drewes H., Dodson A.H., Fortes L.P.S., Sanchez L., Sandoval P. (eds) Vertical Reference Systems. International Association of Geodesy Symposia, Vol 124. Springer, Berlin, Heidelberg
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Uses Normal heights referenced to the GRS80 ellipsoid. Replaced by EVRF2007 - NHt.	
<i>Scope</i>	Spatial referencing	
<i>Datum</i>	European Vertical Reference Frame 2000	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

## Extent

<i>Description</i>	<b>Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, 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.</b>	
<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

# ISO Geodetic Registry

<i>Item class</i>	VerticalDatum	
<i>Name</i>	<b>European Vertical Reference Frame 2000</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	127	
<i>Alias</i>	EVRF2000	
<i>Information source</i>	<i>Title</i>	The Vertical Reference System for Europe
	<i>Author</i>	J. Ihde, W. Augath, M. Sacher
	<i>Publisher</i>	Springer, Berlin-Heidelberg
	<i>Publication date</i>	2002.0
	<i>Edition date</i>	
	<i>Series/Journal name</i>	International Association of Geodesy Symposia
	<i>Issue identification</i>	Volume 124
	<i>Page</i>	345-350
	<i>Other citation details</i>	In Drewes H., Dodson A.H., Fortes L.P.S., Sanchez L., Sandoval P. (eds) Vertical Reference Systems. International Association of Geodesy Symposia, Vol 124. Springer, Berlin, Heidelberg
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Replaced by EVRF2007. F75.	
<i>Anchor definition</i>	EVRF2000 is realized by the 1998 adjustment of geopotential numbers and Normal heights of the United European Leveling Network, named UELN-95/98, where the height at Normaal Amsterdams Peil (NAP) is zero, defined through height at UELN bench mark 13600 (52°22'53"N, 4°54'34"E) of 0.71599m. Datum at NAP is mean high tide in 1684. EVRF2000 is realized in Romania, Estonia, Latvia and Lithuania by a subsequent adjustment computed in 2000. The realization in Finland, Sweden and Norway was reduced to the epoch 1960 because of postglacial rebound.	
<i>Release date</i>	2000	
<i>Coordinate Reference Epoch</i>	1960.0	
<i>Scope</i>	Spatial referencing	

## Extent

<i>Description</i>	<b>Europe - onshore - Andorra, Austria, Belgium, Bosnia and Herzegovina, 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.</b>	
<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

# ISO Geodetic Registry

<i>Item class</i>	VerticalCS	
<i>Name</i>	<b>Vertical CS. Axis: height (H). Orientation: up. UoM: m.</b>	
<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>	<b>Gravity-related height</b>	
<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	