

# ISO Geodetic Registry

<i>Item class</i>	VerticalCRS	
<i>Name</i>	<b>National Height Datum 1985 - NHt</b>	
<i>Item status</i>	VALID	
<i>Identifier</i>	735	
<i>Information source</i>	<i>Title</i>	A Study on the 1985 National Dautm Level of Altitude
	<i>Author</i>	Z. Chen, T. Zhou, Y. Yu, et al.
	<i>Publication date</i>	1988
	<i>Edition date</i>	
	<i>Series/Journal name</i>	Journal of Ocean University of Qingdao
	<i>Issue identification</i>	18(1)
	<i>Page</i>	9-14
	<i>Other citation details</i>	In Chinese; <a href="http://doi.org/10.16441/j.cnki.hdx.1988.03.002">http://doi.org/10.16441/j.cnki.hdx.1988.03.002</a> (accessed 2020-05-15)
	<i>Title</i>	Modernization of National Geodetic Datum in China
	<i>Author</i>	P. Zhang, Z. Li, H. Wen
<i>Information source</i>	<i>Publisher</i>	United Nations Economic and Social Council
	<i>Publication date</i>	2012
	<i>Series/Journal name</i>	Nineteenth United Nations Regional Cartographic Conference for Asia and the Pacific, Bangkok, 29 October – 1 November 2012
	<i>Issue identification</i>	E/CONF.102/IP.16
	<i>Other citation details</i>	<a href="https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap19/ip/E_Conf.102_IP16_Modernization%20of%20National%20Geodetic%20Datum%20in%20China.pdf">https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap19/ip/E_Conf.102_IP16_Modernization%20of%20National%20Geodetic%20Datum%20in%20China.pdf</a> (accessed 2020-05-15)
<i>Data source</i>	ISO Geodetic Registry	
<i>Remarks</i>	Adopted May 1987 by China. Replaaces Yellow Sea 1956.	
<i>Scope</i>	Spatial referencing	
<i>Datum</i>	National Height Datum 1985	
<i>Coordinate System</i>	Vertical CS. Axis: height (H). Orientation: up. UoM: m.	

## Extent

<i>Description</i>	<b>China - onshore</b>
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# ISO Geodetic Registry

Item class	VerticalDatum	
Name	National Height Datum 1985	
Item status	VALID	
Identifier	731	
Information source	Title	Modernization of National Geodetic Datum in China
	Author	P. Zhang, Z. Li, H. Wen
	Publisher	United Nations Economic and Social Council
	Publication date	2012
	Series/Journal name	Nineteenth United Nations Regional Cartographic Conference for Asia and the Pacific, Bangkok, 29 October – 1 November 2012
	Issue identification	E/CONF.102/IP.16
	Other citation details	https://unstats.un.org/unsd/geoinfo/RCC/docs/rccap19/ip/E_Conf.102_IP16_Modernization%20of%20National%20Geodetic%20Datum%20in%20China.pdf (accessed 2020-05-15)
Information source	Title	A Study on the 1985 National Dautm Level of Altitude
	Author	Z. Chen, T. Zhou, Y. Yu, et al.
	Publication date	1988
	Edition date	
	Series/Journal name	Journal of Ocean University of Qingdao
	Issue identification	18(1)
	Page	9-14
Information source	Other citation details	In Chinese; http://doi.org/10.16441/j.cnki.hdx.1988.03.002 (accessed 2020-05-15)
	Title	National GNSS continuous operation reference stations
	Author	National Basic Geographic Information Center
	Publisher	National Geomatics Center of China
	Publication date	2019
Information source	Other citation details	In Chinese; http://www.ngcc.cn/ngcc/html/1/396/401/16122.html (accessed 2020-06-05)
	Title	
Data source	ISO Geodetic Registry	
Remarks	Normal heights are used. Replaces Yellow Sea 1956 Height Datum.	
Anchor definition	The National Height Datum 1985 is defined by mean sea level at Qinqdao using more than 20 years of tide gauge observations. It is realized and maintained by a first-order levelling network of 27,400 bench marks with 122,000 km of first-order leveling.	
Release date	1987-05-01	
Scope	Spatial referencing	

## Extent

<i>Description</i>	<b>China - onshore</b>
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# 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	