ISO Geodetic Registry

Item class	VerticalDatum	
Name	**National Geodetic Vertical Datum of 1929**	
Item status	VALID	
Identifier	117	
Alias	NGVD29	
Alias	Sea Level Datum of 1929	
Information source	*Title*	National Vertical Control Network - Proposed Action
	Author	US Government
	Publisher	Office of Federal Register, NARA
	Publication date	1973-05-16
	Edition date	1973-05-16
	Series/Journal name	Federal Register Notice
	Issue identification	Volume 38, No. 94, Document 73-9694
	Page	12840.0
	Other citation details	Proposed use of NGVD 29 to replace SLD 29
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
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*	Annual Report of the Director, United States Coast and Geodetic Survey to the Secretary of Commerce for the Fiscal Year Ended June 30, 1930
	Author	US Government
	Publisher	Government Printing Office
	Publication date	1930-06-30
	Edition date	1930-06-30
	Page	33.0
	Other citation details	NGVD29
Information source	*Title*	National Vertical Control Network - Notice of Final Action
	Author	US Government
	Publisher	Office of Federal Register, NARA
	Publication date	1976-05-14
	Edition date	1976-05-17
	Series/Journal name	Federal Register Notice
	Issue identification	Volume 41, No. 96, Document 76-14245
	Page	20202.0

	Other citation details	Formally adopted usage of NGVD 29 as datum name
Data source	ISO Geodetic Registry	
Remarks	Normal orthometric heights.	
Anchor definition	The Sea Level Datum of 1929 was named the National Geodetic Vertical Datum of 1929 on May 10, 1973. The Sea Level Datum of 1929 is a vertical control datum in the United States by the general adjustment of 1929. Mean sea level was held fixed at the sites of 26 tide gauges, 21 in the United States and 5 in Canada. The datum is defined by the observed heights of mean sea level at the 26 tide gauges and by the set of elevations of all bench marks resulting from the adjustment. A total of 106,724 kilometers of leveling was involved, constituting 246 closed circuits and 25 circuits at sea level. The datum was not mean sea level, the geoid, or any other equipotential surface. Therefore, it was renamed in 1973, the National Geodetic Vertical Datum on 1929.	
Release date	1929	
Scope	Spatial referencing	

Extent

Description	**United States (USA) - onshore and offshore - 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*	-135.0
	North-bound latitude	50.0
	East-bound longitude	-66.0
	South-bound latitude	24.0