ISO Geodetic Registry

Item class	VerticalDatum	
Name	**Virgin Islands Vertical Datum of 2009**	
Item status	VALID	
Identifier	163	
Alias	VIVD09	
Information source	*Title*	Affirmation of Vertical Datum for Surveying and Mapping Activities for the Islands of St. Croix, St. John, and St. Thomas, United States Virgin Islands
	Author	US Government
	Publisher	Office of Federal Register, NARA
	Publication date	2011-12-12
	Edition date	2011-12-12
	Series/Journal name	Federal Register Notice
	Issue identification	Volume 76, No. 238, Document: 2011-31592, Citation: 76 FR 77208
	Page	77208-77209
	Other citation details	Mandates use of VIVD09
Data source	ISO Geodetic Registry	
Remarks	Normal orthometric heights.	
Anchor definition	Virgin Islands Vertical Datum of 2009 (VIVD09) consists of a set of three independent leveling networks on the islands of St. Croix, St. John and St. Thomas in the United States Virgin Islands. Each of these leveling networks is affixed to a single origin point on their respective island. Island of St. Croix: Tide Station Lime Tree Bay (PID: DK7165, VM: 1636, Bench Mark: 975 1401 M, 3.111 m above LMSL. Island of St. John: Tide Station Lameshur Bay (PID = DL3636, VM: 18179, Bench Mark: 975 1381 A, 1.077 m above LMSL. Island of St. Thomas: Tide Station 9751639, Charlotte Amalie (PID: DL3908, VM: 1372, Bench Mark: 975 1639 F, 1.552 m above LMSL. VIVD09 was affirmed as the official vertical datum in the National Spatial Reference System for the islands of St. Croix, St. John and St. Thomas in the U.S. Virgin Islands by Federal Register Notice (2011), replacing all previous height systems for this region.	
Release date	2011	
Scope	Spatial referencing	

Extent

Description	**Virgin Islands (US) - onshore.**	
Geographic Bounding Box	*West-bound longitude*	-65.5
	North-bound latitude	18.5
	East-bound longitude	-64.5
	South-bound latitude	17.5