

ISO Geodetic Registry

| | | |
|---------------------------|---|--|
| <i>Item class</i> | VerticalCRS | |
| <i>Name</i> | ASVD02 - NOHt | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 452 | |
| <i>Alias</i> | American Samoa Vertical Datum of 2002 | |
| <i>Information source</i> | <i>Title</i> | Affirmation of Vertical Datum for Surveying and Mapping Activities for the island of Tutuila, American Samoa |
| | <i>Author</i> | US Government |
| | <i>Publisher</i> | Office of Federal Register, NARA |
| | <i>Publication date</i> | 2009-01-22 |
| | <i>Edition date</i> | 2009-01-22 |
| | <i>Series/Journal name</i> | Federal Register Notice |
| | <i>Issue identification</i> | Volume 74, No. 13, Document: E9-1181, Citation: 74 FR 3991 |
| | <i>Page</i> | 3991.0 |
| | <i>Other citation details</i> | Mandates use of ASVD02 |
| | <i>Title</i> | Development of Comprehensive Geodetic Vertical Datums for the United States Pacific Territories of American Samoa, Guam, and the Northern Marianas |
| <i>Information source</i> | <i>Author</i> | E. Carlson, D. Doyle, D. Smith |
| | <i>Publisher</i> | American Congress on Surveying and Mapping |
| | <i>Publication date</i> | 2009-01-01 |
| | <i>Edition date</i> | 2009-01-01 |
| | <i>Series/Journal name</i> | Surveying and Land Information Systems |
| | <i>Issue identification</i> | Volume 69, No. 1 |
| | <i>Page</i> | 5-17 |
| <i>Information source</i> | <i>Other citation details</i> | ASVD02, GUV04, NMVD03 |
| | <i>Title</i> | ISO Geodetic Registry |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Scope</i> | Spatial referencing | |
| <i>Datum</i> | American Samoa Vertical Datum of 2002 | |
| <i>Coordinate System</i> | Vertical CS. Axis: height (H). Orientation: up. UoM: m. | |

Extent

| | | |
|--------------------------------|--|--------|
| <i>Description</i> | American Samoa - onshore - Tutuila. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -171.0 |
| | <i>North-bound latitude</i> | -14.0 |
| | <i>East-bound longitude</i> | -170.0 |
| | <i>South-bound latitude</i> | -14.5 |

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| | | |
|---------------------------|---|--|
| <i>Item class</i> | VerticalDatum | |
| <i>Name</i> | American Samoa Vertical Datum of 2002 | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 121 | |
| <i>Alias</i> | ASVD02 | |
| <i>Information source</i> | <i>Title</i> | Affirmation of Vertical Datum for Surveying and Mapping Activities for the island of Tutuila, American Samoa |
| | <i>Author</i> | US Government |
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| | <i>Page</i> | 5-17 |
| <i>Information source</i> | <i>Other citation details</i> | ASVD02, GUV04, NMVD03 |
| | <i>Title</i> | ISO Geodetic Registry |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Normal orthometric heights. Replaced by Local Tidal at Pago Pago (item 740). | |
| <i>Anchor definition</i> | American Samoa Vertical Datum of 2002 (ASVD02) consists of a leveling network on the island of Tutuila (in the territory of American Samoa) referenced to mean sea level at the tide gauge Pago Pago Harbor. ASVD02 was affirmed as the official vertical datum in the National Spatial Reference System for the island of Tutuila in American Samoa, replacing all previous height systems for this region. The official defining document for that datum was published in 2009. | |
| <i>Release date</i> | 2009 | |
| <i>Scope</i> | Spatial referencing | |

Extent

| | | |
|--------------------------------|--|--------|
| <i>Description</i> | American Samoa - onshore - Tutuila. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -171.0 |
| | <i>North-bound latitude</i> | -14.0 |
| | <i>East-bound longitude</i> | -170.0 |
| | <i>South-bound latitude</i> | -14.5 |

ISO Geodetic Registry

| | | |
|---------------------------|--|---|
| <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 | |