

ISO Geodetic Registry

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|---------------------------|---|--|
| <i>Item class</i> | Transformation | |
| <i>Name</i> | NAD 83 (HARN) to NAVD88 - OHt [v5] | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 667 | |
| <i>Alias</i> | GEOID99 | |
| <i>Information source</i> | <i>Title</i> | National Geodetic Survey Geoid Homepage |
| | <i>Author</i> | National Geodetic Survey |
| | <i>Publisher</i> | National Oceanic and Atmospheric Administration (NOAA), National Geodetic Survey (NGS) |
| | <i>Revision date</i> | 2017-04-16 |
| | <i>Edition date</i> | |
| | <i>Other citation details</i> | Webpage for GEOID12B, GEOID09, GEOID06, GEOID03, GEOID99 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Grid transformation | |
| <i>Operation version</i> | v5 | |
| <i>Scope</i> | Spatial referencing | |
| <i>Operation accuracy</i> | 0.05 m | |
| <i>Source CRS</i> | NAD 83 (HARN) - LatLonEHt | |
| <i>Target CRS</i> | NAVD88 - OHt | |
| <i>Operation method</i> | Geographic3D to Gravity Related Height (US) | |

Extent

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|--------------------------------|---|---------|
| <i>Description</i> | United States (USA) - onshore - CONUS south of 41°N and west of 112°W (Arizona, California, Nevada, Utah). | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -124.45 |
| | <i>North-bound latitude</i> | 41.0 |
| | <i>East-bound longitude</i> | -112.0 |
| | <i>South-bound latitude</i> | 31.64 |

Operation parameter values

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|---|--------------|
| <i>Geoid (height correction) model file</i> | g1999u05.bin |
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|--------------------|--|
| <i>Item class</i> | OperationMethod |
| <i>Name</i> | Geographic3D to Gravity Related Height (US) |
| <i>Item status</i> | VALID |
| <i>Identifier</i> | 93 |
| <i>Data source</i> | ISO Geodetic Registry |
| <i>Remarks</i> | Transformation of the vertical component of a Geographic 3D CRS to a Vertical CRS. |

Operation parameters

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|---|
| <i>Geoid (height correction) model file</i> |
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