

DPH-4 Report on Datums

The USGS Lidar Base Specification 2022 rev. A states: "All data collected shall be tied to the datums listed below:

For the CONUS, unless otherwise specified by the user and agreed to in advance by the USGS–NGP:

- The horizontal datum for latitude and longitude and ellipsoid heights will be the North American Datum of 1983 (NAD 83) using the most recently NGS-published adjustment (currently NAD 83, epoch 2010.00, realization of 2011).
- The vertical datum for orthometric heights will be the North American Vertical Datum of 1988 (NAVD 88).
- The geoid model used to convert between ellipsoid heights and orthometric heights will be the latest hybrid geoid model of NGS, supporting the latest realization of NAD 83 (currently [2020] GEOID18 model)."

Note: See the specification document for requirements concerning non-contiguous areas of the United States.

The purpose of this section is to show the datums of the LAS files for the lidar tiled data. The project specifications should be reviewed to ensure that the Datums listed in this report are as expected.

[Data Source - V:\Mapping\Projects\65221273_MN_UpperMSRiver\Production\Final_Client_Deliverables\230958\MN_UpperMSRiver_2_B22_300138\point_cloud\tilecls](V:\Mapping\Projects\65221273_MN_UpperMSRiver\Production\Final_Client_Deliverables\230958\MN_UpperMSRiver_2_B22_300138\point_cloud\tilecls)

File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
334_5271.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5272.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5281.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5282.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5283.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5284.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5285.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5286.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5287.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5288.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5289.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5290.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5291.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5292.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5293.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5294.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5295.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5296.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5297.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
334_5298.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103

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File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
496_5275.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5276.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5277.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5278.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5279.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5280.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5281.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5282.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5283.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5284.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
496_5285.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103