

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 - Y:\Mapping\Projects\65221102_MN_BeckerCounty\Production\Final_Client_Deliverables\Projectwide\point_cloud\tilecls](Y:\Mapping\Projects\65221102_MN_BeckerCounty\Production\Final_Client_Deliverables\Projectwide\point_cloud\tilecls)

File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
257_5178.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5179.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5180.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5181.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5182.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5183.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5184.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5185.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5186.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5187.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5188.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5189.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5190.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5191.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5192.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5193.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5194.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5195.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5196.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
257_5207.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
335_5200.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5201.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5202.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5203.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5204.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5205.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5206.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5207.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5208.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5209.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5210.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5211.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5212.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5213.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5214.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5215.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5216.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5217.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5218.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5219.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5220.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5221.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5222.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5223.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
335_5224.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103