

# DPH-4 Report on Datums

The USGS Lidar Base Specification 2023 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\100060\\_MN\\_RiverWest\Production\LIDAR\10\\_LiDAR\\_Reclass\Project\\_Wide\LAS\B3](Y:\Mapping\Projects\100060_MN_RiverWest\Production\LIDAR\10_LiDAR_Reclass\Project_Wide\LAS\B3)

<u>File</u>	<u>Horizontal Datum</u>	<u>EPSG Code</u>	<u>Vertical Datum</u>	<u>EPSG Code</u>
200_5053.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
200_5054.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
200_5055.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
201_5052.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
201_5053.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
201_5054.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
201_5055.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
202_5051.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
202_5052.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
202_5053.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
202_5054.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
202_5055.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5049.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5050.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5051.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5052.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5053.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5054.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
203_5055.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
204_5048.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
204_5049.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103

















































































































































































































































































