

# DPH-4 Report on Datums

The USGS Lidar Base Specification Version 2.1 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 [2017] Geoid12b 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 - D:\00\\_ISGS\Final\\_Client\\_Tiles1](#)

<u>File</u>	<u>Horizontal Datum</u>	<u>EPSG Code</u>	<u>Vertical Datum</u>	<u>EPSG Code</u>
10011001.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011003.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011005.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011007.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011009.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011011.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011013.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011015.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011017.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011019.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011021.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011023.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011025.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011027.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011029.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011031.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011033.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011035.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011037.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011039.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
10011041.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103

























































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































## *DPH-4 Report on Datums - continued*

<u>File</u>	<u>Horizontal Datum</u>	<u>EPSG Code</u>	<u>Vertical Datum</u>	<u>EPSG Code</u>
99909850.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909870.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909890.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909910.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909930.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909950.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
99909990.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103