

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_San_Miguel\Client_LAS](#)

<u>File</u>	<u>Horizontal Datum</u>	<u>EPSG Code</u>	<u>Vertical Datum</u>	<u>EPSG Code</u>
13S_BB_3593.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3594.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3595.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3596.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3597.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3598.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3599.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3692.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3693.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3694.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3695.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3696.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3697.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3698.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3699.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3790.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3791.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3792.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3793.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3794.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BB_3795.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103

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<u>File</u>	<u>Horizontal Datum</u>	<u>EPSG Code</u>	<u>Vertical Datum</u>	<u>EPSG Code</u>
13S_BC_8150.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BC_8151.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_BC_8152.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103