

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 - Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block1_Surveys\point_cloud\tilecls](Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block1_Surveys\point_cloud\tilecls)

File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
13S_DA_1094.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1095.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1096.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1097.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1098.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1099.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1194.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1195.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1196.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1197.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1198.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1199.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1294.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1295.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1296.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1297.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1298.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1299.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1394.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DA_1395.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
13S_DB_8525.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8526.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8527.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8536.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8537.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8538.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8604.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8605.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8606.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8607.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8614.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8615.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8616.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8617.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8623.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8624.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8625.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8626.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
13S_DB_8627.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103