

# DPH-4 Report on Datums

The USGS Lidar Base Specification Version 1.3 states: "To maximize the usability of 3DEP lidar and elevation products, 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 - Z:\MARS\\_OC\2900112\\_Lot\\_7\Classified\\_LAS\\_Files](#)

File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
14RKT100985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT130985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT145985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT160970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT160985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT175985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT190985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT205985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT220985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT235985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT250985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT265970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT265985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT280970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT280985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT295970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT295985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT310970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT310985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT325970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT325985.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT340955.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RKT340970.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103











































































































































































































































## DPH-4 Report on Datums - continued

File	Horizontal Datum	EPSG Code	Vertical Datum	EPSG Code
14RLU345390.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU345405.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU345420.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU345435.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU345450.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360315.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360330.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360345.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360360.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360375.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360390.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360405.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360420.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360435.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103
14RLU360450.las	NAD83 (National Spatial Reference System 2011)	1116	North American Vertical Datum 1988	5103