

Project Definition: The entire collection for a contracted area.

Work Unit Definition: A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.

Project Information

Lidar Base Specification: 2020 Revision A	Primary Contractor: Woolpert, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 13 - Topobathymetric Lida	Hydro Treatment: various treatments
Collection Start Date: 10-03-2020	Collection End Date: 10-10-2020
The National Map Email: tnm_help@usgs.gov	

Vertical Accuracy Results

The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level	Lidar Point Cloud		Digital Elevation Model	
	Required Value(cm)	Tested Value (cm)	Required Value(cm)	Tested Value (cm)
Non-Vegetated Vertical Accuracy				
95-Percent Confidence Level	19.6	5.86	19.6	6.44
Vegetated Vertical Accuracy				
95th Percentile	N/A	19.52	30.0	19.71

Please see the vertical_accuracy folder within the project metadata for more information.

Classifications Used

Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.

Classification ID	Classification Type
1	Unclassified
2	Ground
7	Low Noise
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground
40	Bathymetric Point
41	Water Surface
42	Derived Water Surface
45	Water Column
46	Unclassified Land from Bathy

Sensor(s) Used

Sensor

Work Unit Information

CO_UpperColorado_Topobathy_1_2020	Work Unit ID: 198570	Quality Level: 1
Horizontal EPSG Code: 6342	Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 0.5		
Collection Start Date: 2020-10-03	Collection End Date: 2020-10-10	

CO_UpperColorado_Hydroflattened_2020	Work Unit ID: 220908	Quality Level: 1
Horizontal EPSG Code: 6342	Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 0.5		
Collection Start Date: 2020-10-03	Collection End Date: 2020-10-10	