

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

Project ID: 194209

Lidar Base Specification: 2.1	Primary Contractor: Optimal GEO, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 07-19-2020	Collection End Date: 09-12-2020
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	7.05	19.6	7.51
Vegetated Vertical Accuracy 95th Percentile	N/A	15.39	30.0	11.2

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	Processed, but unclassified
2	Bare earth
7	Low noise
9	Water
17	Bridge deck
18	High noise
20	Ignored ground (typically breaklines proximity)

Sensor(s) Used

Sensor

Leica Terrain Mapper - Aerial Oscillating Mirror

Optech Galaxy Prime - Aerial Oscillating Mirror

21	Snow (if present and identifiable)
22	Temporal exclusion (typically nonfavored data in intertidal zones)

Work Unit Information

WY_Sheridan_1_2020	Work Unit ID: 194206	Quality Level: 1
Horizontal EPSG Code: 6342	Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 0.5m, -0.5m		
Collection Start Date: 07-31-2020		Collection End Date: 08-18-2020

WY_Sheridan_2_2020	Work Unit ID: 217820	Quality Level: 2
Horizontal EPSG Code: 6342	Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1m		
Collection Start Date: 07-19-2020		Collection End Date: 09-12-2020