

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: 192235

Lidar Base Specification: 2.1	Primary Contractor: Merrick-Surdex Joint-Venture
Las Version: 1.4	Contract Mechanism: Partnership
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 03-30-2020	Collection End Date: 05-04-2020
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	8.09	19.6	7.89
Vegetated Vertical Accuracy 95th Percentile	N/A	12.61	30.0	14.69

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	Undetermined/Unclassified
2	Ground
3	Low Veg (Automated)
4	Medium Veg (Automated)
5	High Veg (Automated)
6	Building (Automated)
7	Low Point (noise)

Sensor(s) Used

Sensor
Optech Galaxy ALTM - Aerial Oscillating Mirror
Leica Terrain Mapper - Aerial Oscillating Mirror

9	Water
17	Bridge Decks
18	High Noise
20	Ignore Ground (near a breakline)

Work Unit Information

IL_8County_B1_2020	Work Unit ID: 192232	Quality Level: 2
Horizontal EPSG Code: 6455	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0		
Collection Start Date: 04-08-2020	Collection End Date: 05-04-2020	

IL_8County_B2_2020	Work Unit ID: 193826	Quality Level: 2
Horizontal EPSG Code: 6455	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5		
Collection Start Date: 03-30-2020	Collection End Date: 04-10-2020	