

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: 173489

Lidar Base Specification: 1.3	Primary Contractor: Merrick-Surdex Joint-Venture
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 04-13-2019	Collection End Date: 02-21-2020
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	13.1	19.6	13.17
Vegetated Vertical Accuracy 95th Percentile	N/A	23.65	30.0	23.9

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

Sensor(s) Used

Sensor
Optech Galaxy ALTM - Aerial Oscillating Mirror
Optech Galaxy T1000 - Aerial Oscillating Mirror
Optech Galaxy ALTM - Aerial Oscillating Mirror
Optech Galaxy ALTM - Aerial Oscillating Mirror
Optech Galaxy T1000 - Aerial Oscillating Mirror
Optech Galaxy T1000 - Aerial Oscillating Mirror

17	Bridge Decks
18	High Noise
20	Ignored Ground

Work Unit Information

NE_SouthernNE_B3_2018	Work Unit ID: 174019	Quality Level: 2
Horizontal EPSG Code: 6343	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 04-20-2019		Collection End Date: 05-13-2019

NE_SouthernNE_B4A_2018	Work Unit ID: 174022	Quality Level: 2
Horizontal EPSG Code: 6343	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 04-23-2019		Collection End Date: 05-13-2019

NE_SouthernNE_B4B_2018	Work Unit ID: 187534	Quality Level: 2
Horizontal EPSG Code: 6343	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 02-20-2020		Collection End Date: 02-21-2020

NE_SouthernNE_B5_2018	Work Unit ID: 193849	Quality Level: 2
Horizontal EPSG Code: 6344	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 02-20-2020		Collection End Date: 02-21-2020

NE_SouthernNE_B2_2018	Work Unit ID: 174016	Quality Level: 2
Horizontal EPSG Code: 6343	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 04-19-2019		Collection End Date: 04-22-2019

NE_SouthernNE_B1_2018	Work Unit ID: 173486	Quality Level: 2
Horizontal EPSG Code: 6343	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0		
Collection Start Date: 04-13-2019	Collection End Date: 05-13-2019	