

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: 80449

Lidar Base Specification: 1.3	Primary Contractor: Quantum Spatial, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 08-05-2018	Collection End Date: 05-06-2019
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	11.83	19.6	11.95
Vegetated Vertical Accuracy 95th Percentile	N/A	25.60	30.0	25.12

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 Decks

Sensor(s) Used

Sensor
Leica ALS80 - Aerial Oscillating Mirror
Riegl VQ-1560i - Aerial Oscillating Mirror
Leica ALS80 - Aerial Oscillating Mirror
Riegl VQ-1560i - Aerial Oscillating Mirror
Leica ALS80 - Aerial Oscillating Mirror
Riegl VQ-1560i - Aerial Oscillating Mirror

20	Ignored Ground
21	Snow

Work Unit Information

WA_FEMAHQ_B1_QL1_2019	Work Unit ID: 177747	Quality Level: 1
Horizontal EPSG Code: 6340	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 0.5		
Collection Start Date: 08-12-2018	Collection End Date: 08-13-2018	

WA_FEMAHQ_B2B_2018	Work Unit ID: 181654	Quality Level: 2
Horizontal EPSG Code: 6339	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 08-30-2018	Collection End Date: 04-24-2019	

WA_FEMAHQ_B1_QL2_2018	Work Unit ID: 80446	Quality Level: 2
Horizontal EPSG Code: 6340	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 11-05-2018	Collection End Date: 12-04-2018	

WA_FEMAHQ_B2C_2018	Work Unit ID: 184123	Quality Level: 2
Horizontal EPSG Code: 6339	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 03-26-2019	Collection End Date: 05-06-2019	

WA_FEMAHQ_B2_2018	Work Unit ID: 80452	Quality Level: 2
Horizontal EPSG Code: 6339	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 08-05-2018	Collection End Date: 04-26-2019	

