VA_SouthamptonHenricoWMBG_2019_B19

Work Package 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 work package.

Project Information

Work Package ID: 182948

Lidar Base Specification: 1.3	**Primary Contractor:** Fugro Geospatial, Inc
Las Version: 1.4	**Contract Mechanism:** GPSC
P Method: 7 - Linear-Mode Lidar	**Hydro Treatment:** hydro-flattened
Collection Start Date: 2019-12-08	**Collection End Date:** 2020-01-02
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 work package 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	5.57	19.6	5.96
Vegetated Vertical Accuracy 95th Percentile		14.86	30.0	15.22

Please see the vertical_accuracy folder within the work package 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
10	Ignored Ground
17	Bridge Decks
18	High Noise

Sensor(s) Used

Sensor
Leica ALS80 - Aerial Oscillating Mirror
Leica ALS80 - Aerial Oscillating Mirror

Work Unit Information

VA_SouthamptonHenricoWMBG_2_2019	**Work Unit ID:** 197230	**Quality Level:** 2
Horizontal EPSG Code: 6347	**Vertical EPSG Code:** 5703	**Geoid Model:** GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 2019-12-08	**Collection End Date:** 2020-01-02	

VA_SouthamptonHenricoWMBG_1_2019	**Work Unit ID:** 182945	**Quality Level:** 2
Horizontal EPSG Code: 6346	**Vertical EPSG Code:** 5703	**Geoid Model:** GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 2019-12-08	**Collection End Date:** 2019-12-12	