

Summary

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: 78917

Lidar Base Specification: 1.3	Primary Contractor: Dewberry Consultants LLC
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Lidar	Hydro Treatment: Hydroflatten
Collection Start Date: 2018-12-08	Collection End Date: 2018-12-12
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	9.54	19.6	10.43
Vegetated Vertical Accuracy 95th Percentile		14.35	30.0	17.54

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
20	Ignored ground
1	Processed, But Unclassified
2	Bare Earth
7	Low Noise
9	Water
17	Bridge Decks

Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror
Riegl LMS Q1560 - Aerial Rotating Prism
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Riegl LMS Q1560 - Aerial Rotating Prism

Work Unit Information

WV_FEMAHQ_B1_2018	Work Unit ID: 78914	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0	Units: Meters	
Collection Start Date: 2018-12-08	Collection End Date: 2018-12-12	

WV_FEMAHQ_B2_2018	Work Unit ID: 78919	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 1.0	Units: Meters	
Collection Start Date: 2018-12-07	Collection End Date: 2018-12-12	

WV_FEMAHQ_B3_2018	Work Unit ID: 78922	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0	Units: Meters	
Collection Start Date: 2018-11-08	Collection End Date: 2019-05-01	

Internal Comments:

WV_FEMAHQ_B2 was delivered without contractor reports and a late delivery of preliminary metadata that passed the parser. The reports should be delivered with the final Block delivery.