

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

Lidar Base Specification: 1.3	Primary Contractor: Aerial Services, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 04-16-2019	Collection End Date: 11-12-2020
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	9.89	19.6	9.21
Vegetated Vertical Accuracy 95th Percentile	N/A	12.08	30.0	12.01

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
3	Low Vegetation
4	Medium Vegetation
5	High Vegetation
7	Low Noise
9	Water
18	High Noise
20	Ignored Ground

Sensor(s) Used

Sensor
Leica ALS70 - Aerial Oscillating Mirror
Optech Galaxy Prime - Aerial Oscillating Mirror
Riegl VQ-1560i - Aerial Oscillating Mirror

Work Unit Information

IL_8County_PlusChampaign_B1_2019	Work Unit ID: 175710	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 2019-11-23	Collection End Date: 2020-03-08	

IL_8County_PlusChampaign_B2_2019	Work Unit ID: 176488	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0 meter		
Collection Start Date: 2019-11-23	Collection End Date: 2020-11-12	

IL_8County_PlusChampaign_B3_QL1_2019	Work Unit ID: 176491	Quality Level: 1
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: N/A
DEM Ground Sample Distance: 0.5		
Collection Start Date: 2019-04-16	Collection End Date: 2019-04-16	

IL_8County_PlusChampaign_B4_2019	Work Unit ID: 216347	Quality Level: 2
Horizontal EPSG Code: 6350	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: .5		
Collection Start Date: 2019-11-23	Collection End Date: 2020-03-08	