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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: 2021 Revision A	**Primary Contractor:** Quantum Spatial Inc. (QSI)
Las Version: 1.4	**Contract Mechanism:** Financial Assistance
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 02-07-2022	**Collection End Date:** 04-14-2022
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	5.49	19.6	5.61
Vegetated Vertical Accuracy 95th Percentile	N/A	16.20	30.0	15.37

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	Unclassified
2	Ground
7	Low point(noise)
9	Water
17	Bridge Deck
18	High point(noise)
20	Ignored Ground
22	Temporal Exclusion

Sensor(s) Used

Sensor
Riegl 1560ii/ii-s - Rotating Polygonal Mirror

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The National Map

Project Name: KY_WesternKY_A22

Report Date: 2023-03-22

Work Unit Information

KY_Western_1_A22		Work Unit ID: 229352	Quality Level: 2
Horizontal EPSG Code: 6473		Vertical EPSG Code: 6360	Geoid Model: GEOID12B
DEM Ground Sample Distance: 2.0		Hydro Treatment: hydro-flattened	
Collection Start Date: 2022-02-07		Collection End Date: 2022-04-14	

Project Name: KY_WesternKY_A22

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