

**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

<b>Lidar Base Specification:</b> 2.1	<b>Primary Contractor:</b> Digital Aerial Solutions LLC (DAS)
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> GPSC
<b>P Method:</b> 7 - Linear-Mode Lidar	<b>Hydro Treatment:</b> hydro-flattened
<b>Collection Start Date:</b> 03-30-2020	<b>Collection End Date:</b> 05-08-2020
<b>The National Map Email:</b> 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)
<b>Non-Vegetated Vertical Accuracy</b>				
95-Percent Confidence Level	19.6	8.82	19.6	9.17
<b>Vegetated Vertical Accuracy</b>				
95th Percentile	N/A	18.71	30.0	19.88

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
18	High Noise
20	Ignored Ground

## Sensor(s) Used

Sensor
Leica Terrain Mapper - Aerial Oscillating Mirror

## Work Unit Information

IA_SouthCentral_1_2020	<b>Work Unit ID:</b> 190534	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6344	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 2020-04-14	<b>Collection End Date:</b> 2020-05-08	

IA_SouthCentral_3_2020	<b>Work Unit ID:</b> 223685	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6344	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 2020-03-30	<b>Collection End Date:</b> 2020-04-10	

IA_SouthCentral_2_2020	<b>Work Unit ID:</b> 213956	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6344	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 2020-03-31	<b>Collection End Date:</b> 2020-04-21	