

**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

Project ID: 192976

<b>Lidar Base Specification:</b> 2.1	<b>Primary Contractor:</b> Merrick-Surdex Joint-Venture
<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> 05-09-2020	<b>Collection End Date:</b> 09-07-2020
<b>The National Map Email:</b> tnm_help@usgs.gov	

## Vertical Accuracy Results

<a href="#">The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level</a>	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	13.91	19.6	14.08
<b>Vegetated Vertical Accuracy</b> 95th Percentile	N/A	22.67	30.0	22.16

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

## Sensor(s) Used

Sensor
Optech Galaxy ALTM - Aerial Oscillating Mirror
Optech Galaxy ALTM - Aerial Oscillating Mirror
Optech Galaxy ALTM - Aerial Oscillating Mirror

20	Ignored Ground
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## Work Unit Information

<b>CO_CentralEasternPlains_1_2020</b>	<b>Work Unit ID:</b> 192973	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6342	<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> 05-09-2020	<b>Collection End Date:</b> 06-10-2020	

<b>CO_CentralEasternPlains_3_2020</b>	<b>Work Unit ID:</b> 216117	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6342	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 1		
<b>Collection Start Date:</b> 05-22-2020	<b>Collection End Date:</b> 09-07-2020	

<b>CO_CentralEasternPlains_2_2020</b>	<b>Work Unit ID:</b> 211452	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6342	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 1		
<b>Collection Start Date:</b> 05-12-2020	<b>Collection End Date:</b> 06-29-2020	