

**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: 80345

<b>Lidar Base Specification:</b> 1.3	<b>Primary Contractor:</b> Quantum Spatial, Inc
<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> 10-05-2018	<b>Collection End Date:</b> 09-24-2019
<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	6.32	19.6	6.98
<b>Vegetated Vertical Accuracy</b> 95th Percentile	N/A	16.57	30.0	17.22

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
6	Building
7	Low Point (Noise)
9	Water
17	Bridge Deck

## Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror
Riegl VQ-1560i - Aerial Oscillating Mirror
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18	High Noise
20	Ignored Ground
21	Snow

## Work Unit Information

<b>CO_Southwest_NRCS_B3_2018</b>	<b>Work Unit ID:</b> 80349	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6350	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 12B
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 10-05-2018	<b>Collection End Date:</b> 09-24-2019	

<b>CO_Southwest_NRCS_B1_2018</b>	<b>Work Unit ID:</b> 80343	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6350	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 12B
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 10-05-2018	<b>Collection End Date:</b> 11-10-2018	

<b>CO_Southwest_NRCS_B2_2018</b>	<b>Work Unit ID:</b> 80352	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6350	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 12B
<b>DEM Ground Sample Distance:</b> 1.0		
<b>Collection Start Date:</b> 11-03-2018	<b>Collection End Date:</b> 09-24-2019	