

**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> 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> 09-15-2020	<b>Collection End Date:</b> 12-08-2020
<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	11.21	19.6	11.39
<b>Vegetated Vertical Accuracy</b> 95th Percentile	N/A	17.15	30.0	18.08

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
3	Low Vegetation
4	Medium Vegetation
5	High Vegetation
6	Building
7	Low Noise
9	Water
17	Bridge
18	High Noise
20	Ignored Ground

### Sensor(s) Used

<b>Sensor</b>
Optech Galaxy ALTM - Aerial Oscillating Mirror



## Work Unit Information

<a href="#">AZ_CochiseCounty_1_2020</a>	<b>Work Unit ID:</b> 194315	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6341	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 0.5		
<b>Collection Start Date:</b> 2020-09-15	<b>Collection End Date:</b> 2020-10-20	

<a href="#">AZ_CochiseCounty_2_2020</a>	<b>Work Unit ID:</b> 217204	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6341	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> .5		
<b>Collection Start Date:</b> 2020-09-29	<b>Collection End Date:</b> 2020-12-08	

<a href="#">AZ_CochiseCounty_3_2020</a>	<b>Work Unit ID:</b> 219320	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6341	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 0.5 meter		
<b>Collection Start Date:</b> 2020-09-24	<b>Collection End Date:</b> 2020-12-08	