

**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> Other	<b>Primary Contractor:</b> Other
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> Contributed
<b>P Method:</b> 7 - Linear-Mode Lidar	
<b>Collection Start Date:</b> 03-21-2017	<b>Collection End Date:</b> 11-30-2017
<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	invalid QL/LBS	7.63	invalid QL/LBS	7.58
<b>Vegetated Vertical Accuracy</b> 95th Percentile	invalid QL/LBS	9.53	invalid QL/LBS	11.99

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
10	Ignored Ground
17	Bridge Deck
18	High Noise

### Sensor(s) Used

<b>Sensor</b>
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Project Name:  
IL\_CassCounty\_2017\_C18

Report Date: 2023-02-28

## Work Unit Information

<a href="#">IL_CassCounty_2017</a>	<b>Work Unit ID:</b> 76851	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6457	<b>Vertical EPSG Code:</b> 6360	<b>Geoid Model:</b> GEOID12B
<b>DEM Ground Sample Distance:</b> 4.0	<b>Hydro Treatment:</b> hydro-flattened	
<b>Collection Start Date:</b> 2017-03-21	<b>Collection End Date:</b> 2017-11-30	