

**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> L3Harris Technologies, Inc
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> Financial Assistance
<b>P Method:</b> 15 - Geiger Mode Lidar	
<b>Collection Start Date:</b> 08-11-2018	<b>Collection End Date:</b> 10-14-2019
<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	12	19.6	12
<b>Vegetated Vertical Accuracy</b>				
95th Percentile	N/A	14	30.0	14

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 deck
20	Ignored ground (typically breaklines proximity)

### Sensor(s) Used

<b>Sensor</b>
L3 Harris Geiger Mode Lidar

## Work Unit Information

<a href="#">NY_HudsonRiverRegion_1_2020</a>	<b>Work Unit ID:</b> 192491	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6347	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID12B
<b>DEM Ground Sample Distance:</b> 0.5	<b>Hydro Treatment:</b> hydro-flattened	
<b>Collection Start Date:</b> 2018-08-11	<b>Collection End Date:</b> 2019-10-14	