

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: 182585

Lidar Base Specification: 2.1	Primary Contractor: Aerial Services, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 06-28-2019	Collection End Date: 08-01-2020
The National Map Email: 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)
Non-Vegetated Vertical Accuracy 95-percent confidence level	19.6	6.86	19.6	8.02
Vegetated Vertical Accuracy 95th Percentile	N/A	25.31	30.0	27.10

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
18	High Noise

Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror
Riegl LMS Q1560 - Aerial Rotating Prism
Riegl LMS Q1560 - Aerial Rotating Prism
Riegl VQ-1560i - Aerial Oscillating Mirror

Work Unit Information

AK_GlacierBay_5_2019	Work Unit ID: 213734	Quality Level: 1
Horizontal EPSG Code: 6337	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 0.5		
Collection Start Date: 06-28-2019	Collection End Date: 08-01-2020	

AK_GlacierBay_B2_2019	Work Unit ID: 182778	Quality Level: 2
Horizontal EPSG Code: 6337	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 07-31-2019	Collection End Date: 09-15-2019	

AK_GlacierBay_B3_2019	Work Unit ID: 194256	Quality Level: 1
Horizontal EPSG Code: 6337	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 0.5		
Collection Start Date: 07-31-2019	Collection End Date: 09-15-2019	

AK_GlacierBay_4_2019	Work Unit ID: 213731	Quality Level: 2
Horizontal EPSG Code: 6337	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 1.0		
Collection Start Date: 04-08-2020	Collection End Date: 05-04-2020	