

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

Lidar Base Specification: 1.3	Primary Contractor: Quantum Spatial Inc. (QSI)
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 10-10-2019	Collection End Date: 07-29-2020
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	8.41	19.6	8.24
Vegetated Vertical Accuracy 95th Percentile	N/A	16.59	30.0	18.46

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 Decks
18	High Noise
20	Ignored Ground
21	Snow (if present and identifiable)
22	Temporal exclusion (typically nonfavored data in intertidal zones)

Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror
Optech Galaxy Prime - Aerial Oscillating Mirror
Optech Orion H300 - Aerial Oscillating Mirror

Work Unit Information

OR_NRCSUSGS_1_2019	Work Unit ID: 183736	Quality Level: 1
Horizontal EPSG Code: 6557	Vertical EPSG Code: 8228	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-10-11	Collection End Date: 2019-11-02	

OR_NRCSUSGS_5_2019	Work Unit ID: 228999	Quality Level: 1
Horizontal EPSG Code: 6557	Vertical EPSG Code: 8228	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-10-10	Collection End Date: 2019-10-12	

OR_NRCSUSGS_2_2019	Work Unit ID: 205779	Quality Level: 1
Horizontal EPSG Code: 6557	Vertical EPSG Code: 8228	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-11-05	Collection End Date: 2019-11-09	

OR_NRCSUSGS_3_2019	Work Unit ID: 217483	Quality Level: 1
Horizontal EPSG Code: 6557	Vertical EPSG Code: 8228	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-11-02	Collection End Date: 2019-11-30	

OR_NRCSUSGS_4_2019	Work Unit ID: 219333	Quality Level: 1
Horizontal EPSG Code: 6557	Vertical EPSG Code: 8228	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-10-30	Collection End Date: 2020-07-29	