

Work Package 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 work package.

Project Information

Work Package ID: 196602

Lidar Base Specification: 2.1	Primary Contractor: Quantum Spatial, Inc
Las Version: 1.4	Contract Mechanism: Partnership
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 2020-03-22	Collection End Date: 2020-04-15
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 work package 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	7.74	19.6	7.61
Vegetated Vertical Accuracy 95th Percentile		20.78	30.0	20.59

Please see the vertical_accuracy folder within the work package 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
7	Low Noise
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground

Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror

Work Unit Information

CA_SantaCruzCounty_2020	Work Unit ID: 196600	Quality Level: 1
Horizontal EPSG Code: 6420	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0		
Collection Start Date: 2020-03-22	Collection End Date: 2020-04-15	