

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: 2.1	Primary Contractor: Dewberry Consultants LLC (Dewberry)
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 12-16-2019	Collection End Date: 10-02-2020
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	11.19	19.6	10.98
Vegetated Vertical Accuracy 95th Percentile	N/A	15.87	30.0	16.29

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	Bare-earth ground
6	Building
7	Low Noise
9	Water
17	Bridge Decks
18	High Noise
20	Ignored Ground
21	Snow
22	Temporal Exclusion

Sensor(s) Used

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

Work Unit Information

FL_HurricaneMichael_1_2020	Work Unit ID: 188515	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 5703	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-12-18	Collection End Date: 2020-01-07	

FL_HurricaneMichael_2_2020	Work Unit ID: 212018	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-12-18	Collection End Date: 2019-12-25	

FL_HurricaneMichael_3_2020	Work Unit ID: 216141	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-12-16	Collection End Date: 2020-01-07	

FL_HurricaneMichael_5_2020	Work Unit ID: 227988	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-02-14	Collection End Date: 2020-02-27	

FL_HurricaneMichael_4_2020	Work Unit ID: 217056	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-enforced	
Collection Start Date: 2019-12-16	Collection End Date: 2020-01-25	

FL_HurricaneMichael_6_2020	Work Unit ID: 229801	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-12-16	Collection End Date: 2020-04-21	

FL_HurricaneMichael_7_2020	Work Unit ID: 229804	Quality Level: 1
Horizontal EPSG Code: 6441	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2019-12-20	Collection End Date: 2020-10-02	