

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: Ayers Associates
Las Version: 1.4	Contract Mechanism: Partner
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 04-11-2020	Collection End Date: 05-07-2020
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	6.44	19.6	6.45
Vegetated Vertical Accuracy				
95th Percentile	N/A	18.71	30.0	18.55

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
5	High Vegetation
6	Building
7	Low noise
9	Water
17	Bridge deck
18	High noise
20	Ignored ground (typically breaklines proximity)

Sensor(s) Used

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

Work Unit Information

WI_8County_EauClaire_2020	Work Unit ID: 219076	Quality Level: 2
Horizontal EPSG Code: 7604	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-30	Collection End Date: 2020-05-07	

WI_8County_Grant_2020	Work Unit ID: 219079	Quality Level: 2
Horizontal EPSG Code: 7607	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-19	Collection End Date: 2020-04-30	

WI_8County_Vernon_2020	Work Unit ID: 219091	Quality Level: 2
Horizontal EPSG Code: 7637	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-18	Collection End Date: 2020-04-21	

WI_8County_Sauk_2020	Work Unit ID: 219088	Quality Level: 2
Horizontal EPSG Code: 7631	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-11	Collection End Date: 2020-04-21	

WI_8County_Rock_2020	Work Unit ID: 219085	Quality Level: 2
Horizontal EPSG Code: 7629	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-16	Collection End Date: 2020-04-26	

WI_8County_Chippewa_2020	Work Unit ID: 191373	Quality Level: 2
Horizontal EPSG Code: 7595	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-30	Collection End Date: 2020-05-07	

WI_8County_Menominee_2020	Work Unit ID: 219082	Quality Level: 2
Horizontal EPSG Code: 7620	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-25	Collection End Date: 2020-04-30	

WI_8County_Columbia_2020	Work Unit ID: 219073	Quality Level: 2
Horizontal EPSG Code: 7597	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-04-11	Collection End Date: 2020-04-26	