

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: 2020 Revision A	Primary Contractor: NV5 Geospatial, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 03-28-2021	Collection End Date: 04-22-2021
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	6.32	19.6	6.56
Vegetated Vertical Accuracy				
95th Percentile	N/A	16.64	30.0	16.75

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	Ground
7	Low point(noise)
9	Water
17	Bridge Deck
18	High point(noise)
20	Ignored Ground

Sensor(s) Used

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

Work Unit Information

WI_StWide_2_Pierce_2021	Work Unit ID: 300034	Quality Level: 2
Horizontal EPSG Code: 7624	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-01	Collection End Date: 2021-04-22	

WI_StWide_5_Crawford_2021	Work Unit ID: 300037	Quality Level: 2
Horizontal EPSG Code: 7598	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-03-28	Collection End Date: 2021-04-22	

WI_StWide_8_Marathon_2021	Work Unit ID: 300040	Quality Level: 2
Horizontal EPSG Code: 7618	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-16	Collection End Date: 2021-04-22	

WI_StWide_3_Richland_2021	Work Unit ID: 300035	Quality Level: 2
Horizontal EPSG Code: 7628	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-03-29	Collection End Date: 2021-04-01	

WI_StWide_6_Juneau_2021	Work Unit ID: 300038	Quality Level: 2
Horizontal EPSG Code: 7587	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: None	Collection End Date: None	

WI_StWide_7_Kewaunee_2021	Work Unit ID: 300039	Quality Level: 2
Horizontal EPSG Code: 6605	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-02	Collection End Date: 2021-04-02	

WI_StWide_4_StCroix_2021	Work Unit ID: 300036	Quality Level: 2
Horizontal EPSG Code: 7634	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-01	Collection End Date: 2021-04-22	

WI_StWide_1_Marinette_2021	Work Unit ID: 218061	Quality Level: 2
Horizontal EPSG Code: 7619	Vertical EPSG Code: 6360	Geoid Model: GEOID18
DEM Ground Sample Distance: 2.0	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-01	Collection End Date: 2021-04-22	