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:** Woolpert, Inc. (Woolpert)
Las Version: 1.4	**Contract Mechanism:** GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 06-02-2020	**Collection End Date:** 10-13-2020
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	8.47	19.6	9.06
Vegetated Vertical Accuracy 95th Percentile	N/A	11.20	30.0	11.72

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 Noise
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground

Sensor(s) Used

Sensor
Leica Terrain Mapper - Aerial Oscillating Mirror
Optech Galaxy Prime - Aerial Oscillating Mirror

Project Name: WY_SouthCentral_2020_D20

Report Date: 2022-09-08

Work Unit Information

WY_SouthCentral_1_2020		Work Unit ID: 197413	Quality Level: 2
Horizontal EPSG Code: 6342		Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1.0		Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-06-02		Collection End Date: 2020-08-02	

WY_SouthCentral_5_2020		Work Unit ID: 226068	Quality Level: 1
Horizontal EPSG Code: 6342		Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 0.5		Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-08-28		Collection End Date: 2020-10-13	

WY_SouthCentral_4_2020		Work Unit ID: 226065	Quality Level: 2
Horizontal EPSG Code: 6342		Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1.0		Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-08-09		Collection End Date: 2020-08-25	

WY_SouthCentral_3_2020		Work Unit ID: 222437	Quality Level: 2
Horizontal EPSG Code: 6342		Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1.0		Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-06-07		Collection End Date: 2020-09-15	

WY_SouthCentral_2_2020		Work Unit ID: 220573	Quality Level: 2
Horizontal EPSG Code: 6342		Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1.0		Hydro Treatment: hydro-flattened	
Collection Start Date: 2020-06-02		Collection End Date: 2020-10-13	