OR_UpperJohnDay_2020_A20



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: NV5 Geospatial, Inc	
Las Version: 1.4	Contract Mechanism: Financial Assistance	
P Method: 7 - Linear-Mode Lidar		
Collection Start Date: 11-05-2019	Collection End Date: 08-20-2020	
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	Required NVA RMSEz (cm)	NVA RMSF7	95% confidence	95% confidence		Tested VVA at 95th percentile (cm)
	10.0	4.99	19.6	9.79	N/A	21.12

Digital	Required NVA RMSEz (cm)	NVA RMSFz	95% confidence	95% confidence		Tested VVA at 95th percentile (cm)
	10.0	5.05	19.6	9.90	30.0	20.12

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

Sensor(s) Used





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Sensor

Riegl VQ-1560ii - Rotating Polygonal Mirror





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Work Unit Information

OR_UpperJohnDay_1_2020	Work Unit ID: 190596	Quality Level: 1		
Horizontal EPSG Code: 6557 Vertical EPSG Code: 8228 Geoid Mode		Geoid Model: GEOID12B		
DEM Ground Sample Distance: 3.0	Hydro Treatment: hydr	Hydro Treatment: hydro-flattened		
Collection Start Date: 2019-11-05	Collection End Date: 2	Collection End Date: 2020-08-20		





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