OR_UmatillaUnionMorrow_2021_D21

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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:** Quantum Spatial Inc. (QSI)
Las Version: 1.4	**Contract Mechanism:** GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 04-15-2021	**Collection End Date:** 09-03-2021
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	6.54	19.6	6.52
Vegetated Vertical Accuracy 95th Percentile	N/A	17.97	30.0	18.73

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 Decks
18	High Noise
20	Ignored Ground
21	Snow
22	Temporal Exclusion

Sensor(s) Used

Sensor
Riegl VQ-1560ii - Rotating Polygonal Mirror

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The National Map

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Report Date: 2022-10-11

Work Unit Information

OR_UmatillaUnionMorrow_1_2021	Work Unit ID: 218276	Quality Level: 1
Horizontal EPSG Code: 6340	Vertical EPSG Code: 5703	Geoid Model: GEOID 18
DEM Ground Sample Distance: 0.5	Hydro Treatment: hydro-flattened	
Collection Start Date: 2021-04-15	Collection End Date: 2021-09-03	

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