

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

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|--|--|
| Lidar Base Specification: 1.3 | Primary Contractor: The Atlantic Group, LLC |
| Las Version: 1.4 | Contract Mechanism: GPSC |
| P Method: 7 - Linear-Mode Lidar | Hydro Treatment: hydro-flattened |
| Collection Start Date: 03-18-2018 | Collection End Date: 04-22-2018 |
| 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 | 15.13 | 19.6 | 15.05 |
| Vegetated Vertical Accuracy 95th Percentile | N/A | 17.01 | 30.0 | 16.64 |

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 Decks |
| 18 | High Noise |
| 20 | Ignored Ground |

Sensor(s) Used

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|---|
| Sensor |
| Leica ALS70 - Aerial Oscillating Mirror |

Work Unit Information

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|--|--|-------------------------------|
| NM_NRCS-MiddleRioGrande_2017 | Work Unit ID: 77895 | Quality Level: 2 |
| Horizontal EPSG Code: 6342 | Vertical EPSG Code: 5703 | Geoid Model: GEOID 12B |
| DEM Ground Sample Distance: 1.0 | | |
| Collection Start Date: 2018-03-18 | Collection End Date: 2018-04-22 | |