

Status Report: Goshen County, Wyoming LiDAR Collection
Through: October 30, 2016

Quick Facts:

Approximately 2,200 square miles

Collection and derived products to adhere to FEMA and USGS/3DEP requirements

- Quality Level 2
- ≤ 0.71 Aggregate Nominal Pulse Spacing (m)
- ≥ 2.0 Aggregate Nominal Pulse Density (pls/m²)
- ≤ 19.6 Nonvegetated Vertical Accuracy (NVA) (cm)
- ≤ 29.4 Vegetated Vertical Accuracy (VVA) (cm)
- Deliverables
 - Raw Point Cloud
 - Classified Point Cloud
 - Hydro-flattening breaklines
 - Hydro-flattened DEM
 - Shapefiles
 - Project Area (County)
 - Buffered project area (100-meter buffer)
 - Tile Index
 - Survey Points
 - FEMA Technical Reference Data
 - Reporting/Metadata

MIP Case (to be determined)

Task Updates:

- 100% of initial LiDAR acquisition complete
- Based on internal QC of initial acquisition, some reflights required due to cloud or other atmospheric interference
- Ground Control and QC checkpoint field survey complete; post-processing and reporting pending

Stakeholder Engagement:

- N/A

Planned for November:

- Boresight and control unclassified swath-based point cloud
- Work toward finalizing survey post-processing and reporting
- Plan activities for Independent QA/QC of unclassified point cloud product

