

Status Report: Goshen County, Wyoming LiDAR Collection

Through: May 31, 2017

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
 - Spatial files
 - Project Area (Goshen County)
 - Buffered Project Area (100-meter buffer)
 - Tile Index
 - Survey Points
 - FEMA Technical Reference data
 - Reporting/Metadata
- MIP
 - 15-08-0154S REG-Goshen County- FY14 (W)
 - Terrain Data Capture
 - Terrain Independent QA/QC
 - Survey Data Capture

Task Updates through May:

- Continuing development of final products for Independent QA/QC
 - Classified LiDAR point cloud
 - o Hydro-flattening breaklines
 - o Hydro-flattened DEM
 - o Metadata
 - Reporting

Stakeholder Engagement:

none

Planned for June:

- Provide final products for Independent QA/QC
- Initiate Independent QA/QC
- Follow up with RPML to determine if task should be Terrain Data Capture or New Topo Capture

