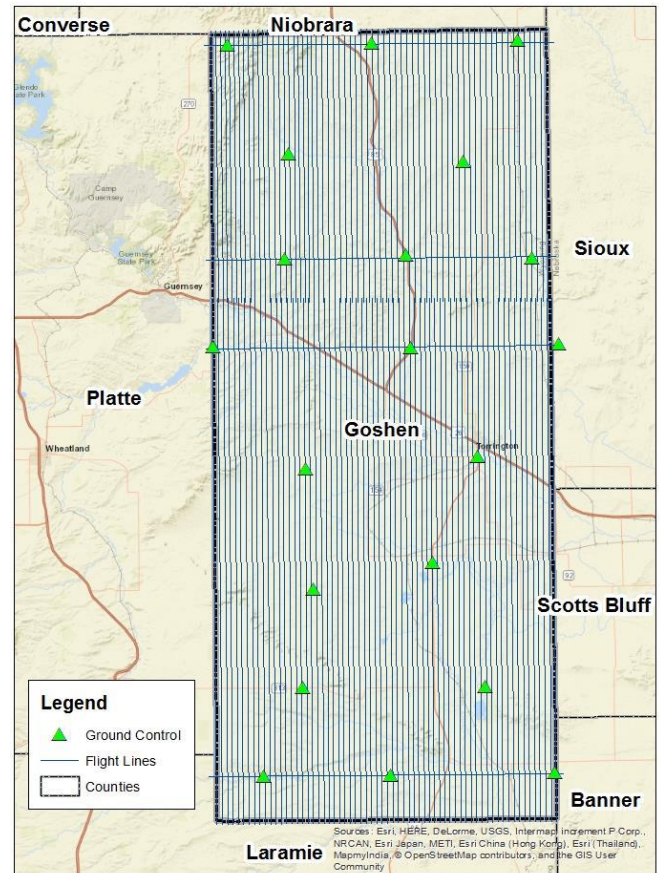


Status Report: Goshen County, Wyoming LiDAR Collection
Through: February 28, 2017

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)
 - Develop Topographic Data
 - Independent QA (Develop Topographic Data)
 - Perform Field Survey



Task Updates through February:

- Finalizing MIP survey submittal for ground control and QC checkpoints
- Completed Independent QA/QC of Raw Point Cloud products
 - Raw Cloud QC checks pass
- Completed assessment of harvested versus non-harvested area ground returns
 - Ground returns, as anticipated, sufficiently represent the bare earth surface for areas where crops had not been harvested at the time of collection
 - Point density difference measurable, but not significant
 - **Non-harvested areas during collection are no longer considered a project risk regarding ground returns**
- Continuing development of Classified Point Cloud and derived products

Stakeholder Engagement:

- none

Planned for March:

- Complete MIP survey activity for ground control and QC checkpoints
- Continue development of Classified Point Cloud and derived products