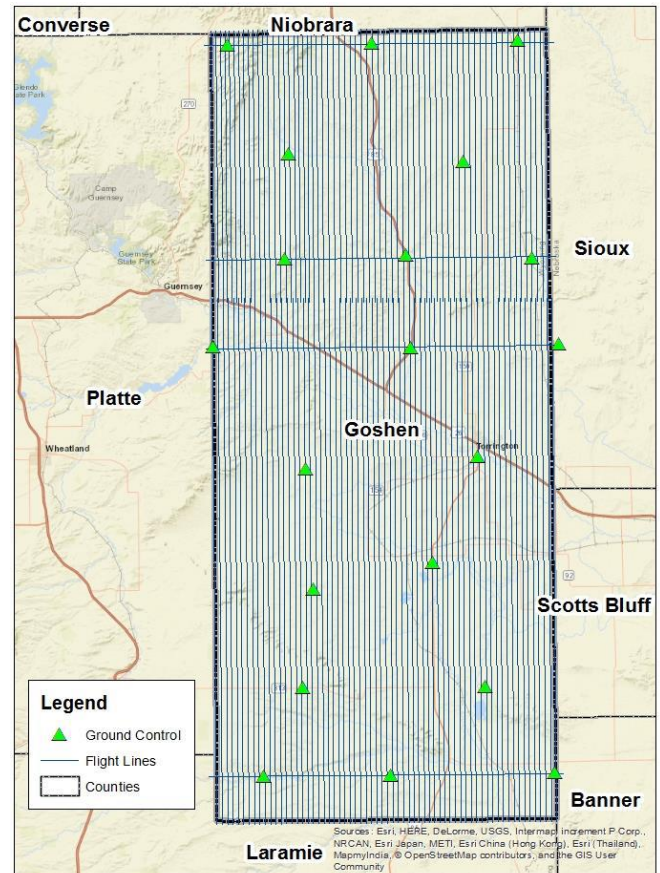


**Status Report:** Goshen County, Wyoming LiDAR Collection  
**Through:** January 31, 2017

Quick Facts:

- Approximately 2,200 square miles
- Collection and derived products to adhere to FEMA and USGS/3DEP requirements
  - Quality Level 2
    - $\leq 0.71$  Aggregate Nominal Pulse Spacing (m)
    - $\geq 2.0$  Aggregate Nominal Pulse Density (pls/m<sup>2</sup>)
    - $\leq 19.6$  Nonvegetated Vertical Accuracy (NVA) (cm)
    - $\leq 29.4$  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 January:

- Finalizing MIP survey submittal for ground control and QC checkpoints
- Completed initial development of Raw Point Cloud products
- Started independent QA/QC of Raw Point Cloud products
- Continuing development of Classified Point Cloud

Stakeholder Engagement:

- none

Planned for February:

- Complete MIP survey activity for ground control and QC checkpoints
- Develop and address QC comments for Raw Point Cloud products
- Continue development of Classified Point Cloud
- Provide update on pilot area processed to assess impacts of non-harvested crops during LiDAR collection

Risks:

- Compass communicated a potential risk during the project kickoff regarding ground returns impacted by non-harvested crops at the time of collection. Compass is currently assessing a pilot dataset to assure no significant impacts on final deliverable.