

DELIVERY REPORT

For the

South Carolina LiDAR Evaluation (Charleston County)

**Prepared for:
NOAA**

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Charleston County – Deliverables Overview Checklist

- Classified Point Cloud Data**
 - LAS Version 1.2
 - Correct Georeference Information
 - Contains GPS Times
 - Contains Intensity Values
 - Tiled to 5,000 ft x 5,000 ft Tile Grid
 - Classified with class 1 –Unclassified, class 2 – Bare-Earth Ground, 7 – Noise, 8-Model Key Points, 9 – Water, 10 – Ignored Ground, 13 – Bridges and large Box Culverts

- Bare Earth Raster**
 - Cell size of 10 ft
 - ESRI GRID File format
 - Georeferenced
 - Two blocks with overlap between blocks
 - Reviewed for edge-matching and artifacts
 - Free of void areas

- Hydro Flattened Terrain Model**
 - File GDB format
 - Created with Masspoints LiDAR data (Classes 2 and 8), hydro breaklines, and project boundary

- Ancillary Data**
 - Tile grid in Shapefile format derived from the LiDAR Deliverable
 - Project Boundary delivered as shapefile
 - Tile grid, 5000 ft x 5000 ft, and in Shapefile format

- Breakline Data**
 - 3D Breakline Data for Ponds and Lakes, Streams and Rivers (Dual Line), Single Line Drains, Stream Connectors, and Stream Centerlines in GDB format

- Intensity Imagery**
 - Intensity imagery in GeoTIFF format and 2ft pixel size, tiled 5000 ft x 5000 ft

- Metadata**
 - FGDC Compliant metadata for:
 - Deliverables (LAS ONLY)

- Project Reports**
 - Collection Report detailing mission planning, flight logs, acquisition, and calibration
 - Control Points used by Acquisition Partner are listed
 - Processing report
 - QA/QC Reports

1. Classified Point Cloud

Classified point cloud data has been delivered tiled to 5000 ft x 5000 ft tiles and named according to tile grid provided by the State. The delivery consists of 1,483 LiDAR tiles. The tiles have been delivered in LAS v1.2.



2. Bare Earth Raster

Not Delivered

3. Hydro Flattened Terrain

Not Delivered

4. Ancillary Data

Three ESRI shapefiles are included with this delivery. One shapefile is the boundary of the project area. The second shapefile is the project tile grid, provided by the State. The third shapefile is derived from the extents of the tiled LAS to ensure that all delivered LiDAR for this project has been accounted for. The extents have been verified against the project boundary to ensure that there is full coverage for the project.

5. Breakline Data

Not Delivered

6. Intensity Imagery

Not Delivered

7. Metadata

Project level metadata for LAS ONLY has been delivered in XML format. Metadata has been reviewed through the USGS metaparser tool to ensure that it is FGDC compliant.

8. Project Report

Not Delivered.

9. Other Comments

Data for the South Carolina Charleston and Berkeley Counties LAS data is delivered on one hard drive.