

## *2.7 Report on Swath Size and Segmentation (Swath Data)*

The USGS LiDAR Base Specification Version 1.0 states: "Swath files will be 2 gigabytes (GB) in size or less. Long swaths (those which result in a LAS file larger than 2 GB) will be split into segments no greater than 2 GB each.

- (1) Each sub-swath will retain the original File Source ID of the original complete swath.
- (2) Points within each sub-swath will retain the Point Source ID of the original complete swath.
- (3) Each sub-swath file will be named identically to the original complete swath, with the addition of an ordered alphabetic suffix to the name ("-a", "-b" ... "-n"). The order of the named sub-swaths shall be consistent with the collection order of the points ("-a" will be the chronological beginning of the swath; "-n" will be the chronological end of the swath).
- (4) Point families shall be maintained intact within each sub-swath.
- (5) Sub-swaths should be broken at the edge of the scan line.
- (6) Other swath segmentation approaches may be acceptable, with prior approval."

The purpose of this section is to show the files sizes of the LAS files for the LiDAR swath data.

[Boresighted Files - E:\Pope\\_Hardin\Swath LAS](#)

There are 0 swath files over 2 GB in size.