

## IceBridge Alaska 2009:

- 60 flight hours surveyed 52 glaciers, grand total of 17 gb of data (in uncompressed ascii)
- All data processed to LiDAR point clouds (with intensity) in UTM projections of WGS84 transformation of ITRF (e.g., the point cloud files contain lat/long/elevation (HAE)/intensity).

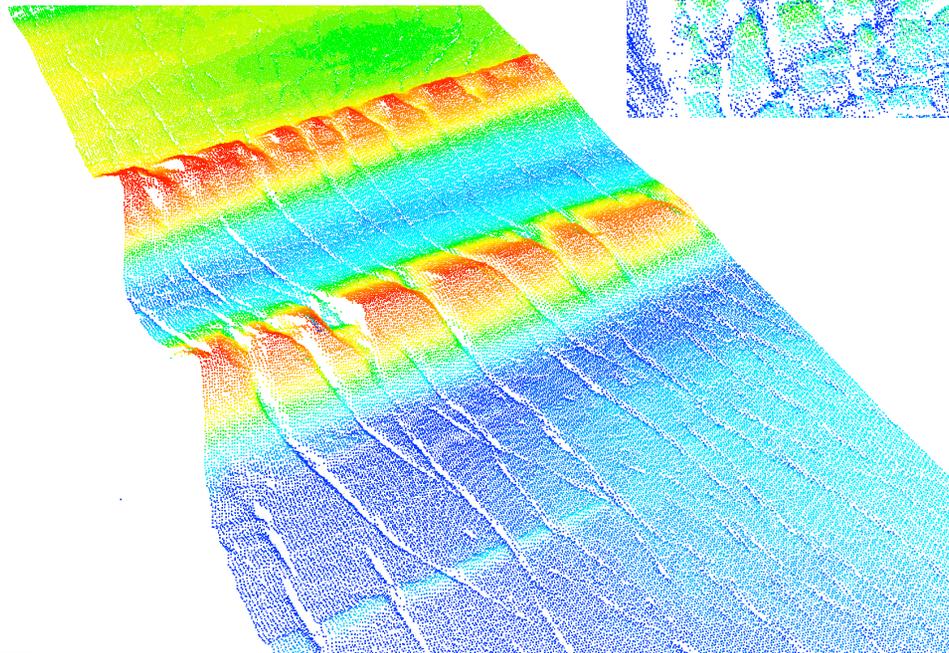
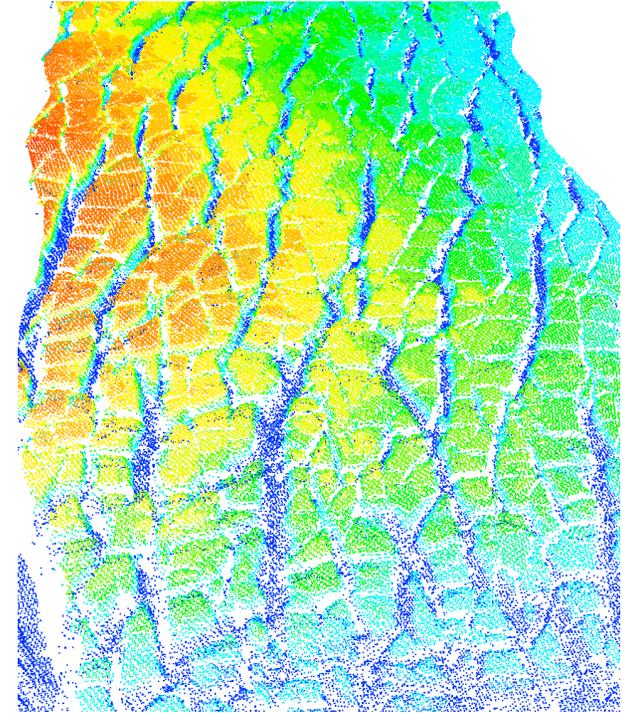
## BUT-

- We are now accounting for mirror wobble in the laser scanner, and re-processing.
- Fortunately, all data are organized to allow batch reprocessing, so this will not take more than a couple of weeks to complete with full Q.A.



**Data examples:**

Palmer Airport calibration,  
Malaspina and Seward  
Glaciers.



Example data: Elevation changes on four glaciers, between Shuttle Radar Topography Mission (SRTM) DEM 2000 and IceBridge Alaska 2009 Laser.

Altimetry Error budget is approximately 0.3 meters (improves to 0.1 meters with close-by GPS basestation).

## Stikine 2009 laser to 2000 SRTM

