

Agisoft PhotoScan

Processing Report

06 August 2014



Survey Data

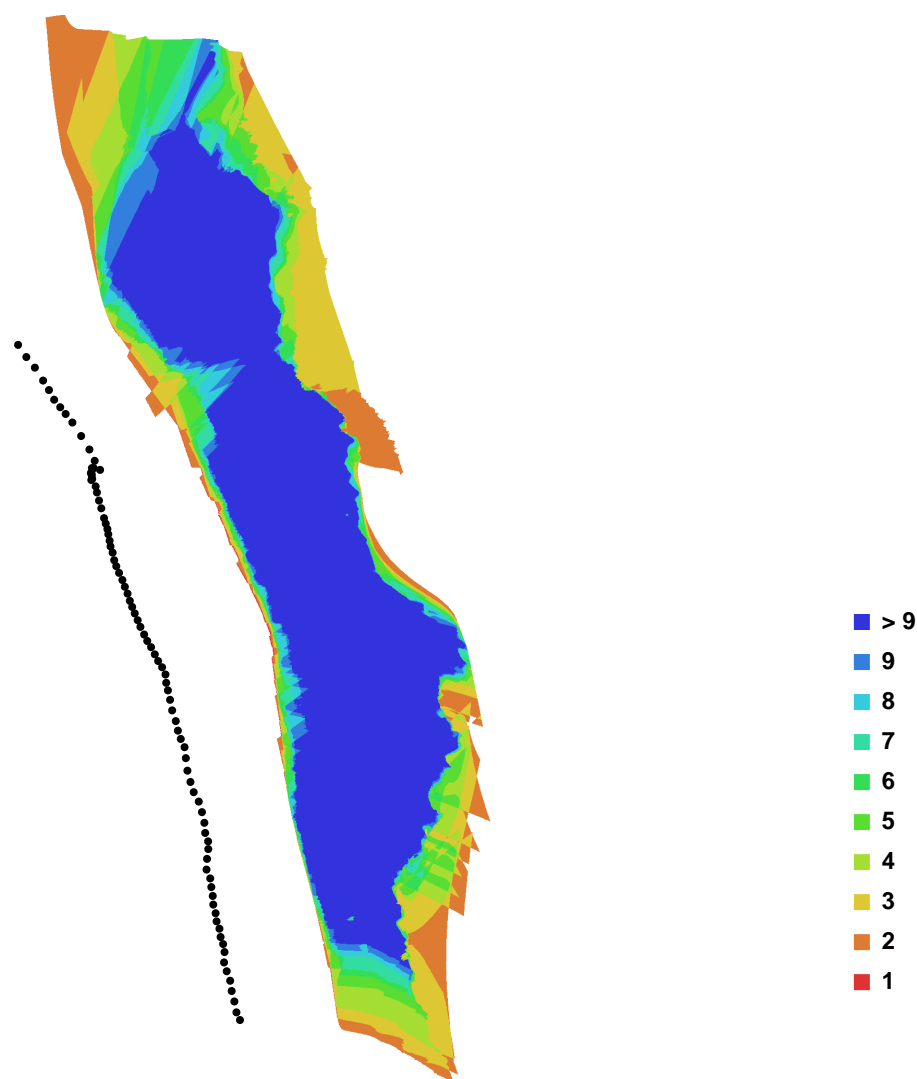


Fig. 1. Camera locations and image overlap.

Number of images:	87	Camera stations:	86
Flying altitude:	16.5655 m	Tie-points:	293913
Ground resolution:	0.00339199 m/pix	Projections:	1340720
Coverage area:	0.00111979 sq km	Error:	1.02017 pix

Camera Model	Resolution	Focal Length	Pixel Size	Precalibrated
Canon IXUS 132 (6.14 mm)	4608 x 3456	6.14 mm	1.33578 x 1.33578 um	No

Table. 1. Cameras.

Camera Locations

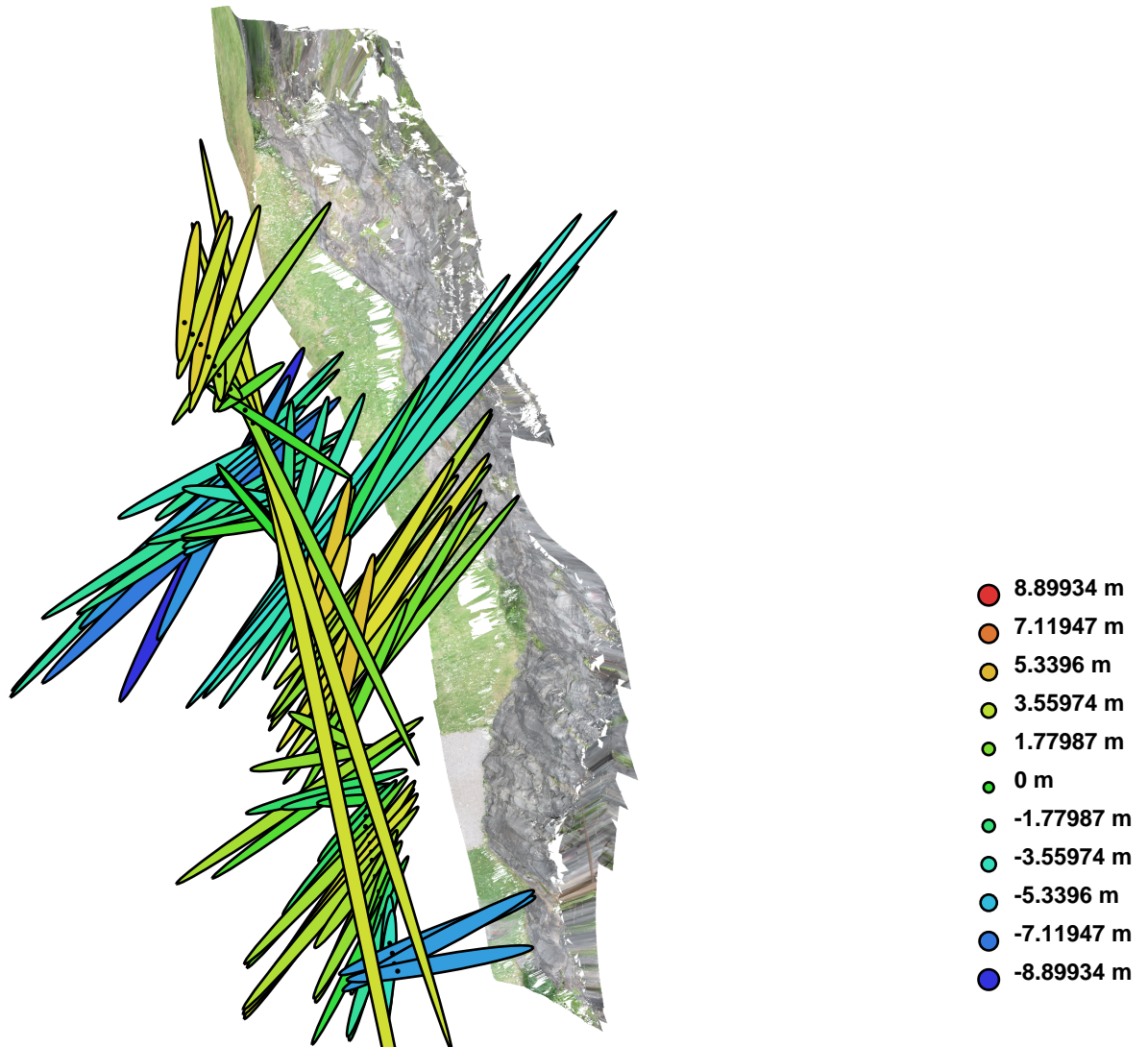


Fig. 2. Camera locations and error estimates.

Z error is represented by ellipse color. X,Y errors are represented by ellipse shape.

Estimated camera locations are marked with a black dot.

X error (m)	Y error (m)	Z error (m)	Total error (m)
6.738786	10.187531	3.536779	12.716361

Table. 2. Average camera location error.

Digital Elevation Model

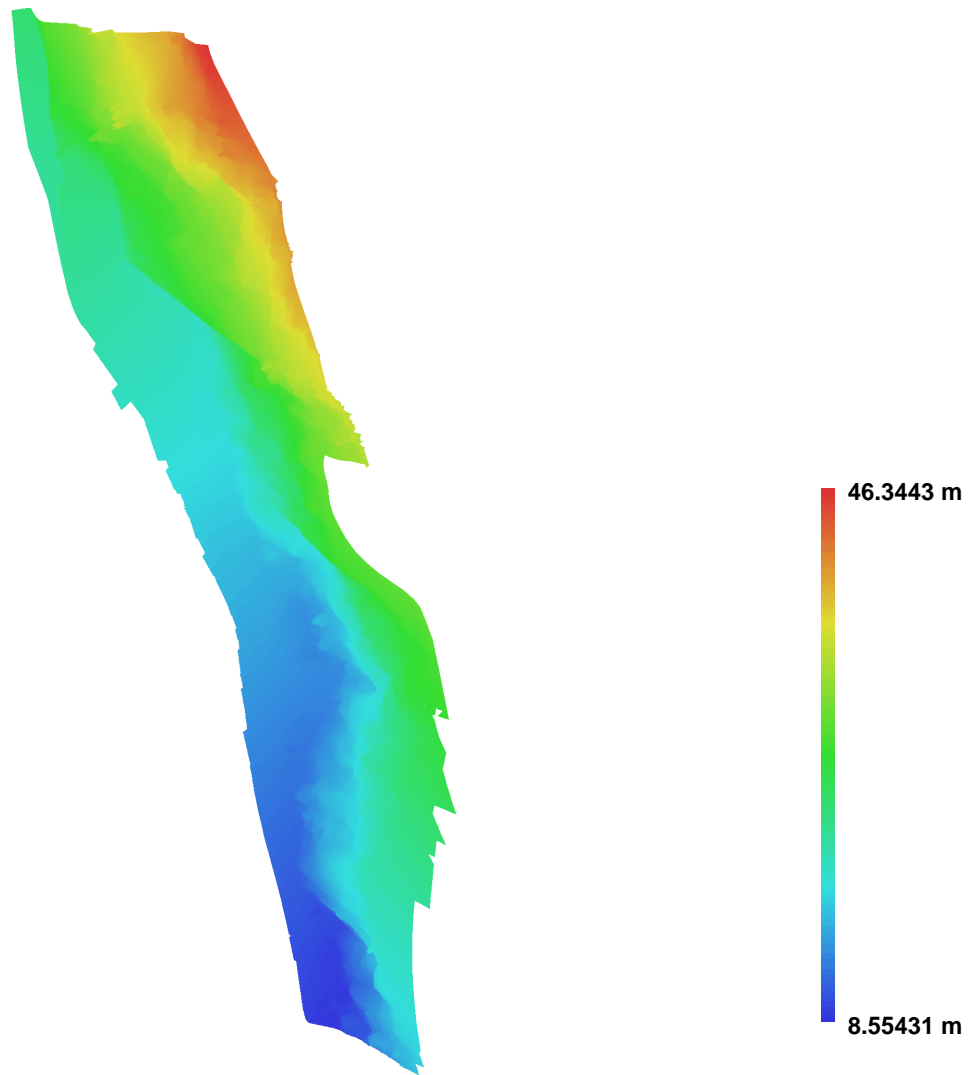


Fig. 3. Reconstructed digital elevation model.

Resolution: 0.013568 m/pix
Point density: 5432.12 points per sq m