

# **Agisoft PhotoScan**

**Processing Report**

**29 July 2014**



# Survey Data

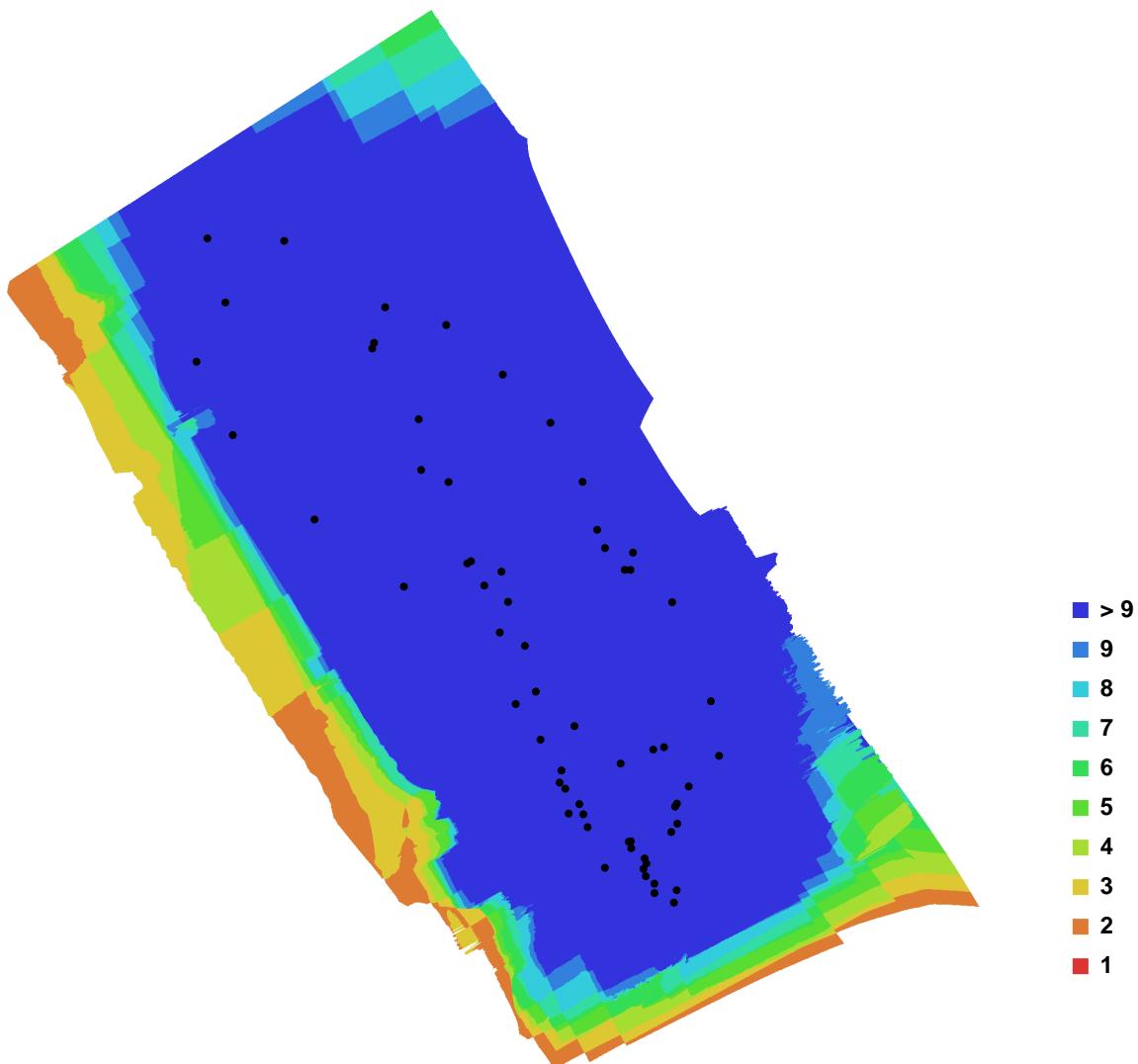


Fig. 1. Camera locations and image overlap.

Number of images:	63	Camera stations:	63
Flying altitude:	37.1183 m	Tie-points:	137708
Ground resolution:	0.00622731 m/pix	Projections:	404663
Coverage area:	0.00306753 sq km	Error:	1.37699 pix

Camera Model	Resolution	Focal Length	Pixel Size	Precalibrated
Canon IXUS 132 (5 mm)	3456 x 4608	5 mm	1.33578 x 1.33578 um	No

Table. 1. Cameras.

# Ground Control Points



Fig. 2. GCP locations.

Label	X error (m)	Y error (m)	Z error (m)	Error (m)	Projections	Error (pix)
point 1	0.538815	-0.286449	0.001810	0.610228	19	3.638411
point 2	-0.207005	-0.440816	-0.002237	0.487006	18	3.245594
point 3	-0.331848	0.726726	-0.000248	0.798908	25	7.068093
<b>Total</b>	<b>0.384403</b>	<b>0.517849</b>	<b>0.001668</b>	<b>0.644931</b>	<b>62</b>	<b>5.221050</b>

Table. 2. Control points.

# Digital Elevation Model

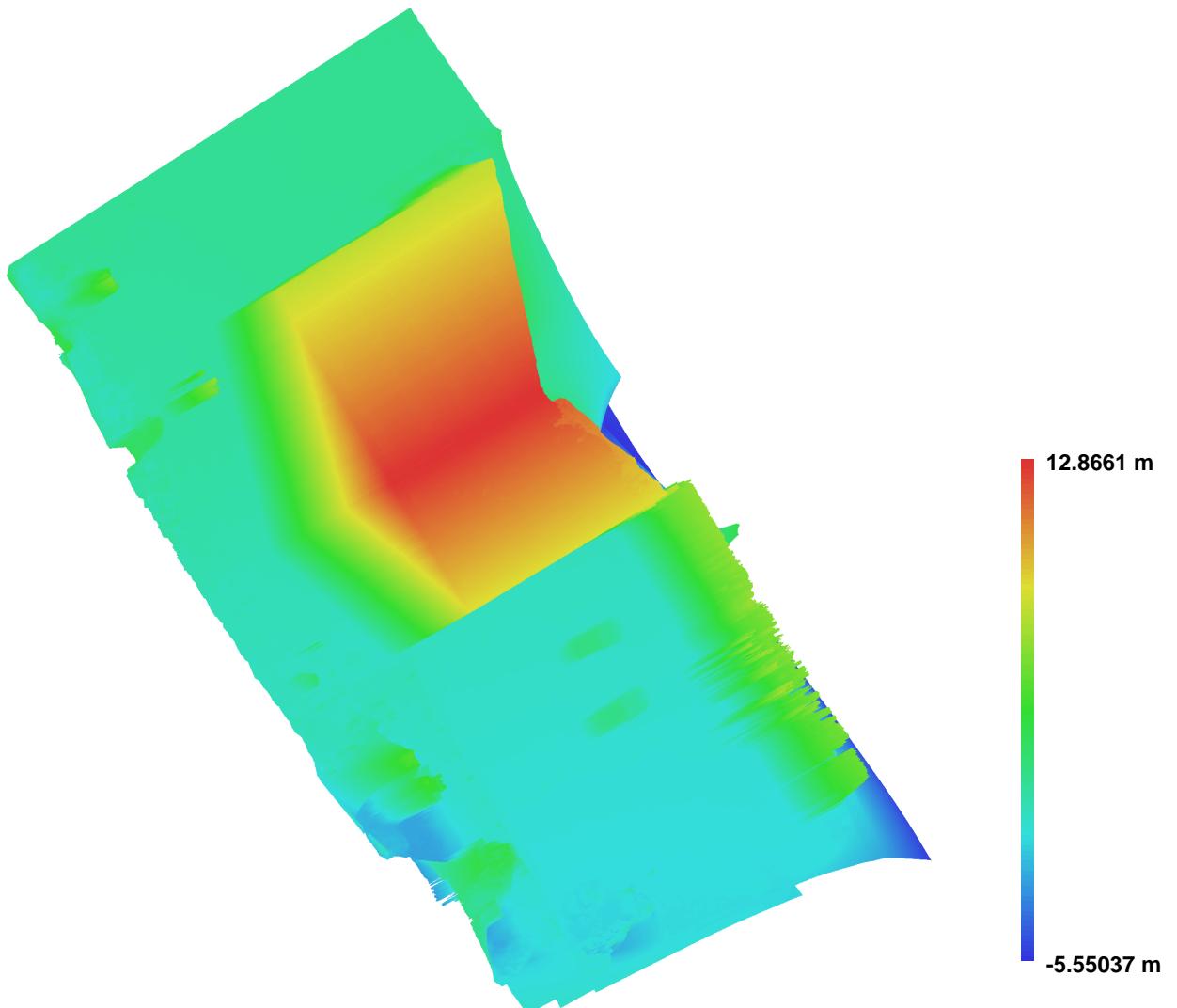


Fig. 3. Reconstructed digital elevation model.

Resolution: 0.0249093 m/pix

Point density: 1611.68 points per sq m