

Agisoft Metashape Silver

Processing Report

16 July 2026



Survey Data

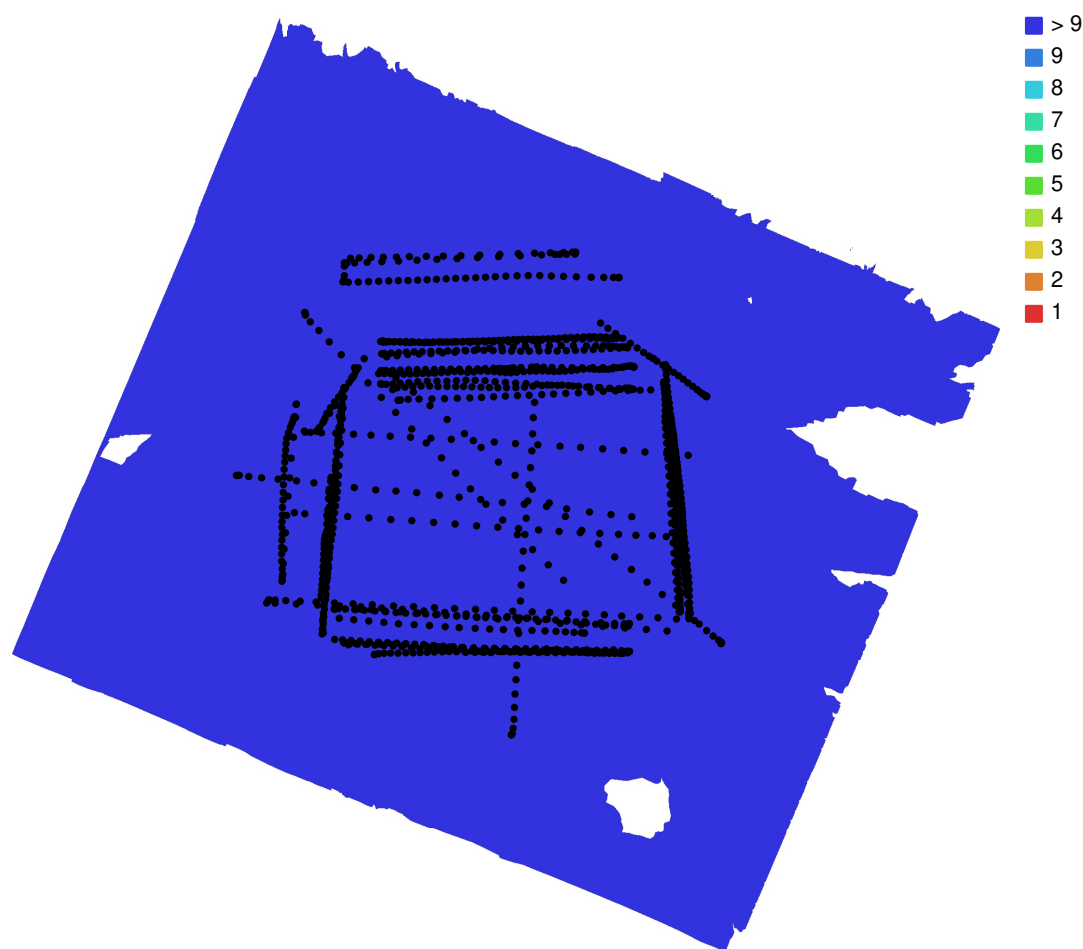


Fig. 1. Camera locations and image overlap.

Number of images:	1,324	Camera stations:	1,324
		Tie points:	432,615
		Projections:	3,013,358
		Reprojection error:	1.62 pix

Camera Model	Resolution	Focal Length	Pixel Size	Precalibrated
M4T (6.72mm)	4032 x 3024	6.72 mm	2.4 x 2.4 μ m	No

Table 1. Cameras.

Camera Calibration

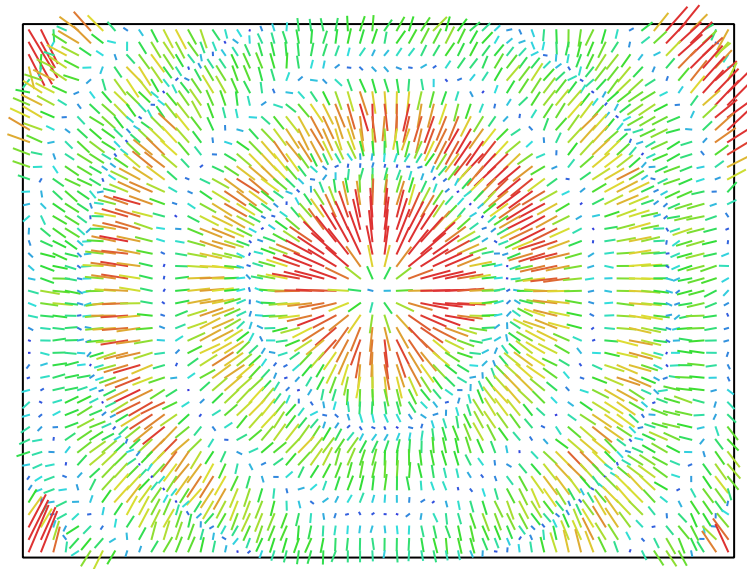


Fig. 2. Image residuals for M4T (6.72mm). 1 pix

M4T (6.72mm)

1324 images

Type	Resolution	Focal Length	Pixel Size
Frame	4032 x 3024	6.72 mm	2.4 x 2.4 μm

	Value	Error	F	Cx	Cy	K1	K2	K3	P1	P2
F	3039.24	0.031	1.00	0.02	-0.21	-0.23	0.24	-0.21	0.00	-0.10
Cx	-6.94852	0.051		1.00	0.02	-0.00	0.00	-0.00	0.91	0.01
Cy	6.80515	0.044			1.00	-0.04	0.03	-0.04	0.01	0.76
K1	0.0932701	4.6e-05				1.00	-0.96	0.90	-0.00	-0.02
K2	-0.143594	0.00016					1.00	-0.98	0.00	0.00
K3	0.0876703	0.00018						1.00	-0.00	-0.01
P1	-0.000324817	5.5e-06							1.00	0.01
P2	0.000195692	3.9e-06								1.00

Table 2. Calibration coefficients and correlation matrix.

Digital Elevation Model

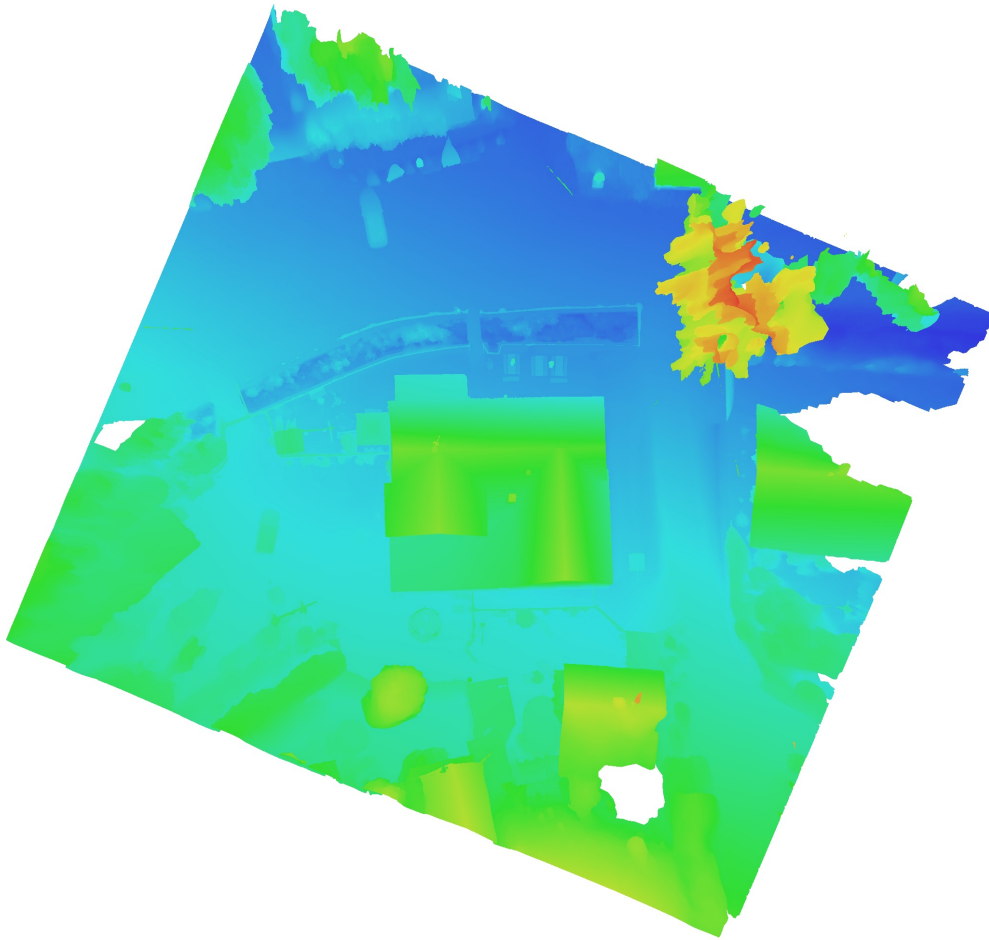


Fig. 3. Reconstructed digital elevation model.

Processing Parameters

General

Images	1324
Aligned images	1324

Tie Points

Points	432,615 of 702,045
RMS reprojection error	0.3698 (1.61829 pix)
Max reprojection error	1.16465 (77.8347 pix)
Mean key point size	4.10708 pix
Point colors	3 bands, uint8
Key points	No
Average tie point multiplicity	8.52226

Alignment parameters

Accuracy	High
Generic preselection	Yes
Reference preselection	No
Key point limit	40,000
Key point limit per Mpx	1,000
Tie point limit	4,000
Exclude stationary tie points	Yes
Guided image matching	No
Adaptive camera model fitting	No
Matching time	40 minutes 58 seconds
Matching memory usage	2.13 GB
Alignment time	34 minutes 26 seconds
Alignment memory usage	3.04 GB
Date created	2026:07:15 13:24:45
Software version	2.3.1.22580
File size	103.38 MB

Depth Maps

Count	1324
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Depth maps generation parameters

Quality	High
Filtering mode	Mild
Max neighbors	16
Processing time	2 hours 32 minutes
Memory usage	6.52 GB
Date created	2026:07:15 16:56:23
Software version	2.3.1.22580
File size	4.71 GB

Model

Faces	12,801,093
Vertices	6,407,365
Vertex colors	3 bands, uint8

Depth maps generation parameters

Quality	High
Filtering mode	Mild
Max neighbors	16
Processing time	2 hours 32 minutes
Memory usage	6.52 GB

Reconstruction parameters

Surface type	Arbitrary
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Source data	Depth maps
Interpolation	Enabled
Strict volumetric masks	No
Processing time	33 minutes 49 seconds
Memory usage	11.91 GB
Date created	2026:07:15 17:32:16
Software version	2.3.1.22580
File size	274.81 MB
System	
Software name	Agisoft Metashape Standard
Software version	2.3.1 build 22580
OS	Linux 64 bit
RAM	125.71 GB
CPU	Intel(R) Xeon(R) CPU E5-1620 v4 @ 3.50GHz
GPU(s)	Quadro K2200
	Quadro P620