

# ODM Quality Report

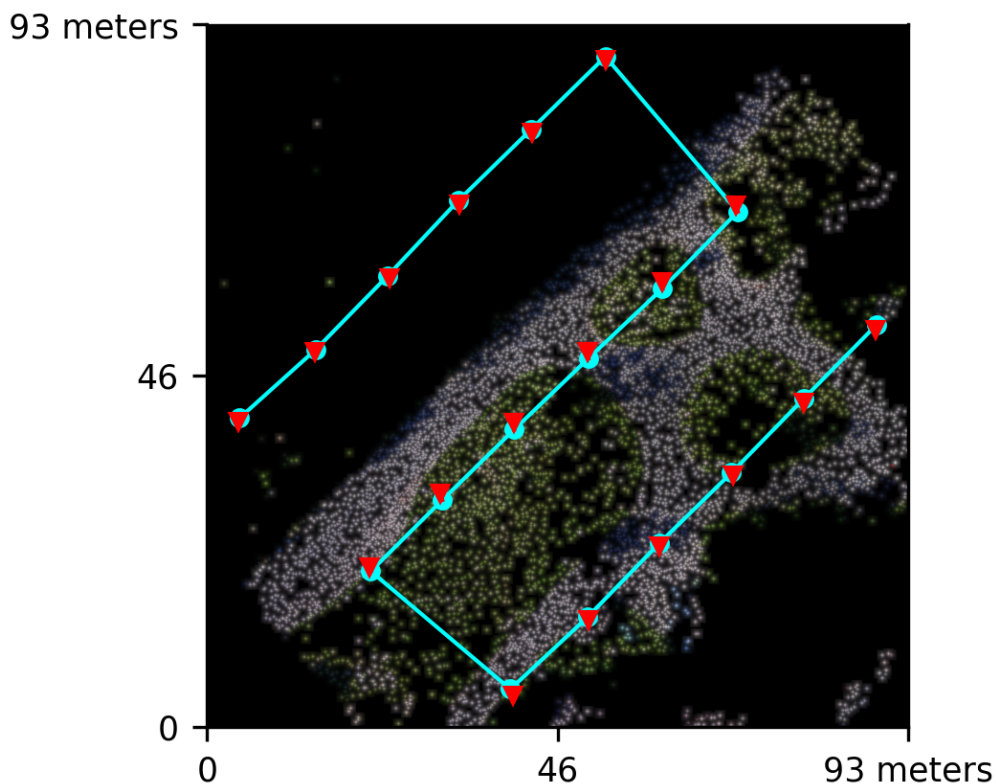
Processed with ODM version 3.5.3

## Dataset Summary

Date	16/07/2024 at 20:09:10
Area Covered	0.007050 km <sup>2</sup>
Processing Time	1.0m:16.0s
Capture Start	23/06/2016 at 16:31:59
Capture End	23/06/2016 at 16:34:03

## Processing Summary

Reconstructed Images	18 over 18 shots (100.0%)
Reconstructed Points (Sparse)	11313 over 11481 points (98.5%)
Reconstructed Points (Dense)	1,420,529 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	9,566 features
Reconstructed Features	1,976 features
Geographic Reference	GPS
GPS errors	0.65 meters

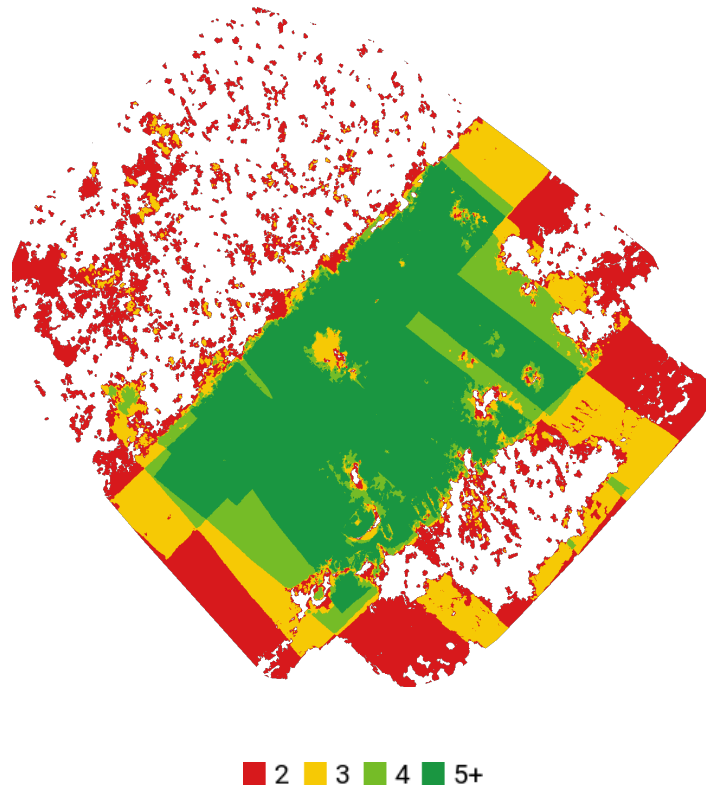


# Previews



Orthophoto

# Survey Data



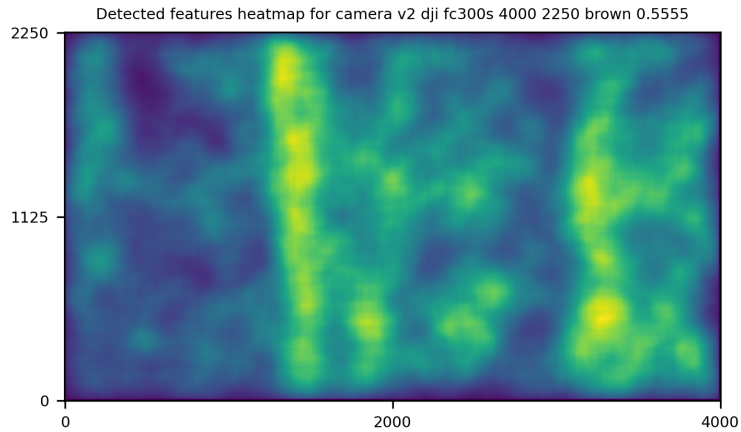
## GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.007	0.153	0.154
Y Error (meters)	0.007	0.610	0.610
Z Error (meters)	0.020	0.271	0.272
Total			0.646

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.010	0.010	0.014
Y Error (meters)	0.010	0.011	0.015
Z Error (meters)	0.015	0.020	0.025
Total			0.022

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.888	0.031
Vertical Accuracy LE90 (meters)	0.416	0.036

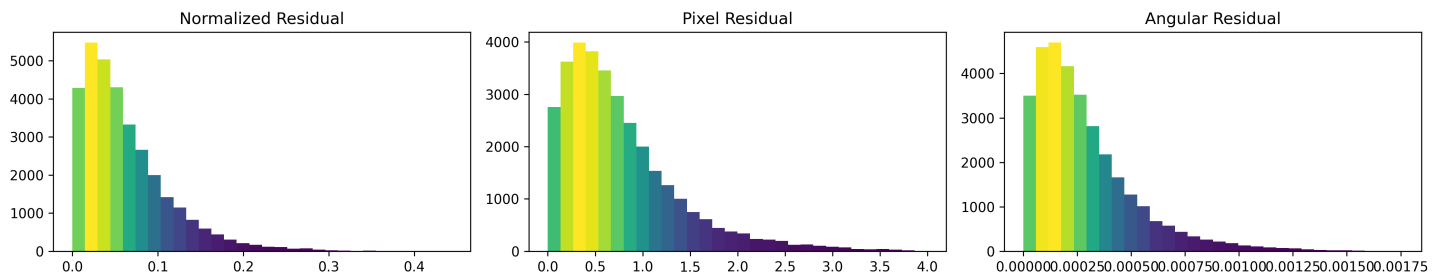
# Features Details



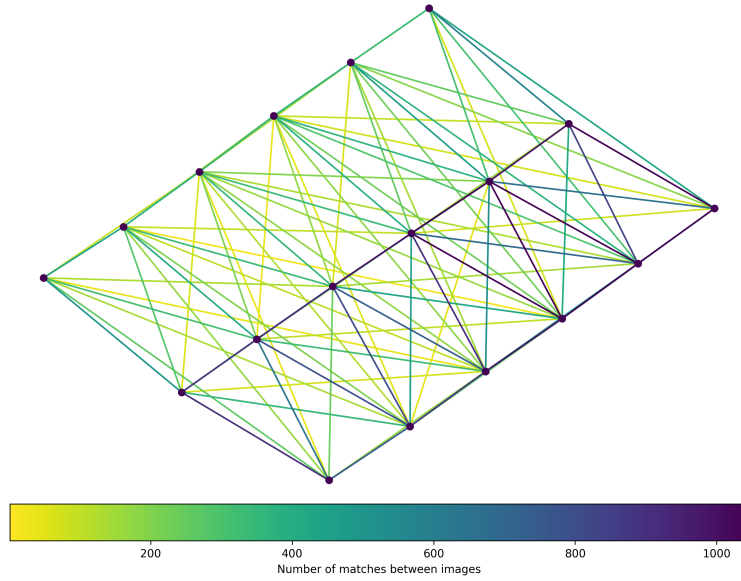
	Min.	Max.	Mean	Median
Detected	7471	10838	9588	9566
Reconstructed	848	3150	1832	1976

# Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.06 / 0.77 / 0.00029
Average Track Length	2.92 images
Average Track Length (> 2)	3.97 images



# Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	6045	2519	1316	833	363	170	60	6	1

# Camera Models Details

**v2 dji fc300s 4000 2250 brown 0.5555**

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.5556	1.0000	0.0000	0.0000
Optimized	0.0076	0.0057	0.0056	-0.0007	0.0022	0.5565	1.0000	-0.0029	0.0067

