

ODM Quality Report

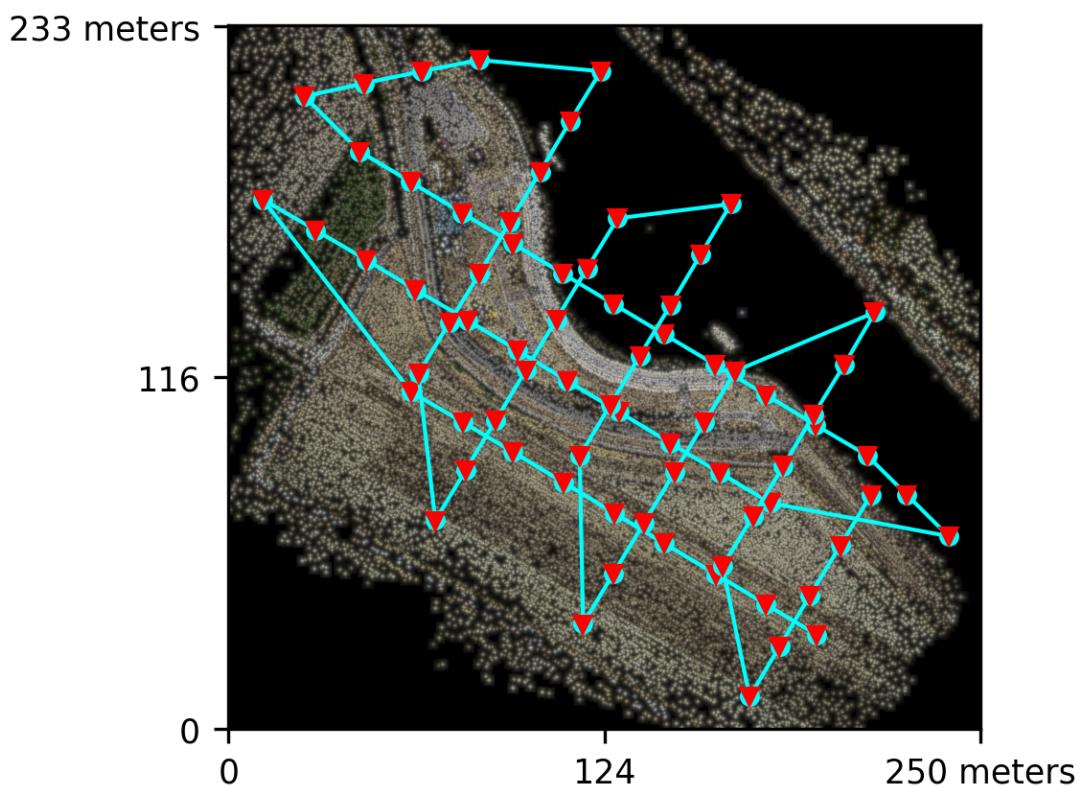
Processed with ODM version 2.7.0

Dataset Summary

Date	08/01/2022 at 04:12:29
Area Covered	0.048120 km ²
Processing Time	15.0m:38.0s
Capture Start	15/02/2019 at 14:21:29
Capture End	15/02/2019 at 14:27:59

Processing Summary

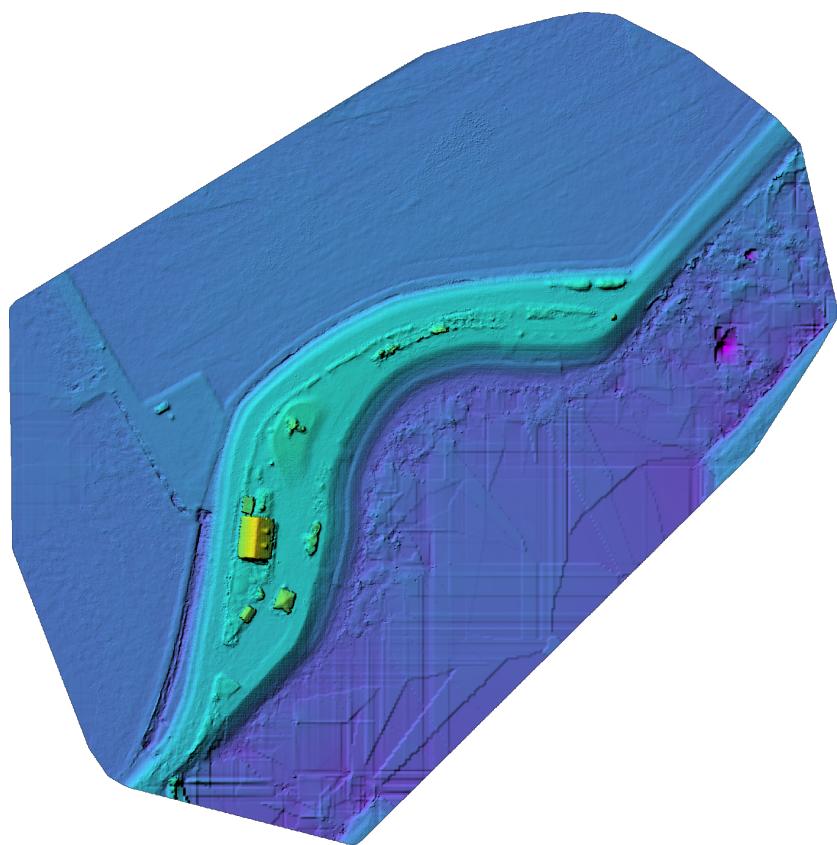
Reconstructed Images	74 over 74 shots (100.0%)
Reconstructed Points (Sparse)	76478 over 77526 points (98.6%)
Reconstructed Points (Dense)	1,977,783 points
Average Ground Sampling Distance (GSD)	3.7 cm
Detected Features	8,212 features
Reconstructed Features	3,584 features
Geographic Reference	GPS
GPS errors	0.11 meters



Previews



Orthophoto



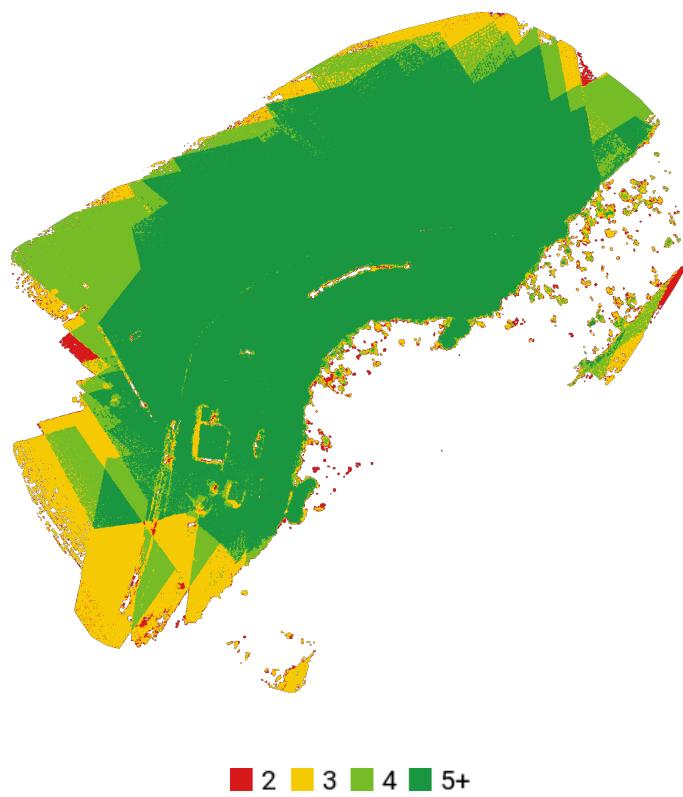
Digital Surface Model



-0.77m

9.91m

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

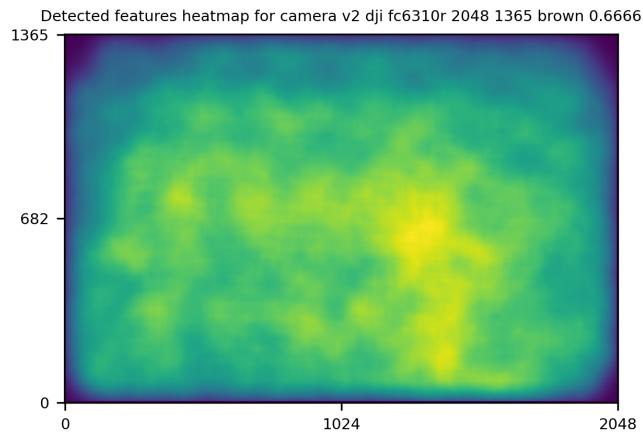
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.001	0.044	0.044
Y Error (meters)	-0.013	0.042	0.044
Z Error (meters)	-0.002	0.098	0.098
Total			0.106

3D	Mean	Sigma	RMS Error
X Error (meters)	0.026	0.052	0.058
Y Error (meters)	0.027	0.055	0.061
Z Error (meters)	0.043	0.069	0.082
Total			0.062

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.078	0.091
Vertical Accuracy LE90 (meters)	0.135	0.096

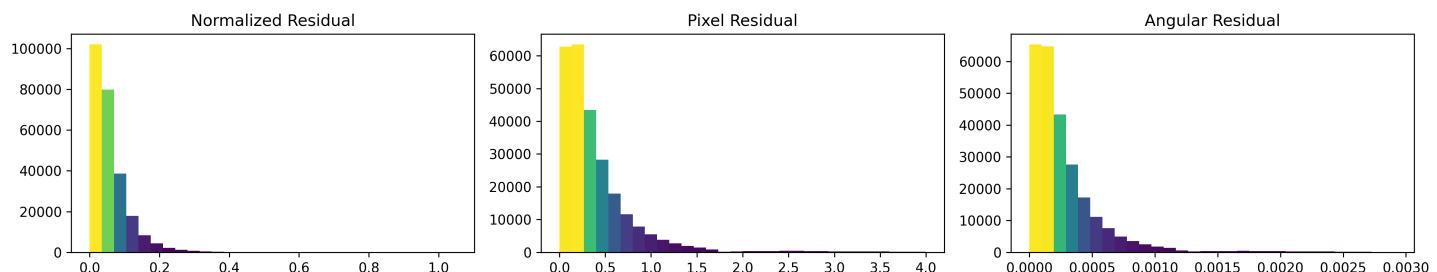
Features Details



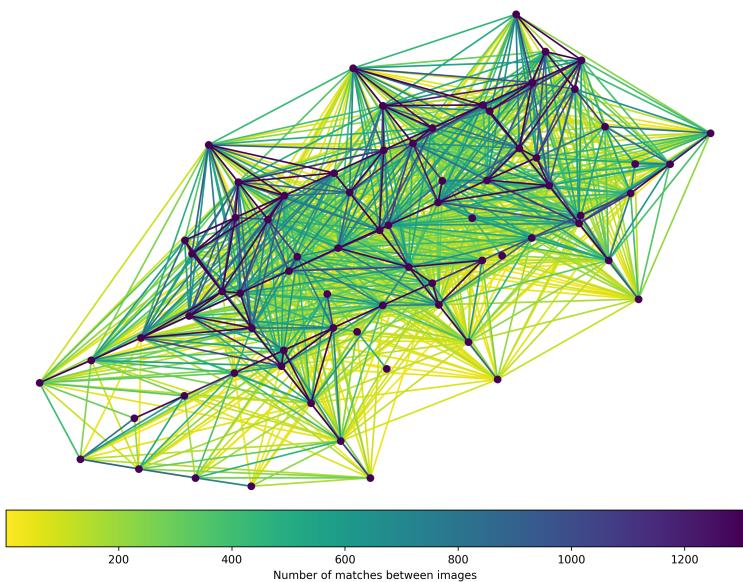
	Min.	Max.	Mean	Median
Detected	4579	10110	8020	8212
Reconstructed	543	5481	3499	3584

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.06 / 0.41 / 0.00029
Average Track Length	3.39 images
Average Track Length (> 2)	4.86 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	39467	14828	8020	4513	2873	1950	1348	992	745

Camera Models Details

v2 dji fc6310r 2048 1365 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.2585	0.0942	-0.0222	-0.0005	-0.0004	0.6637	1.0000	0.0008	0.0055

