

ODM Quality Report

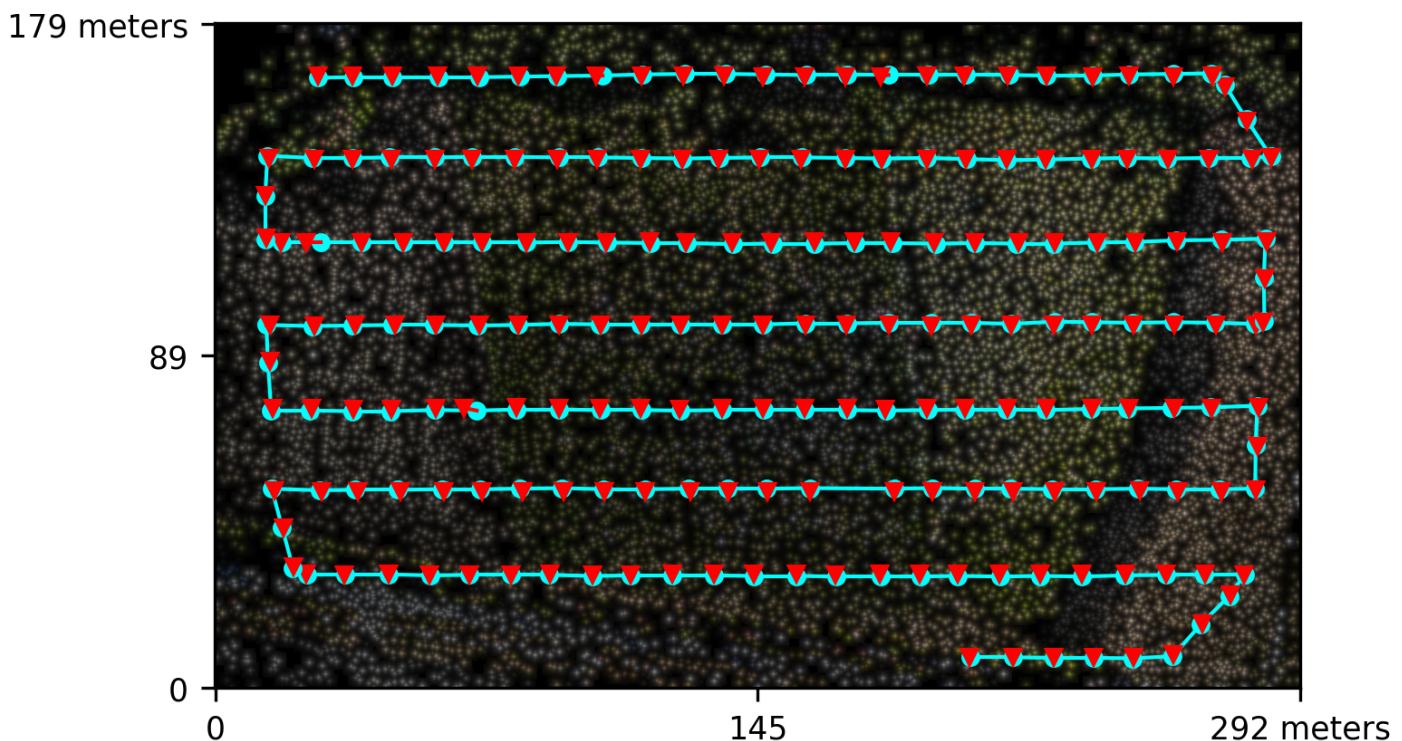
Processed with ODM version 2.8.4

Dataset Summary

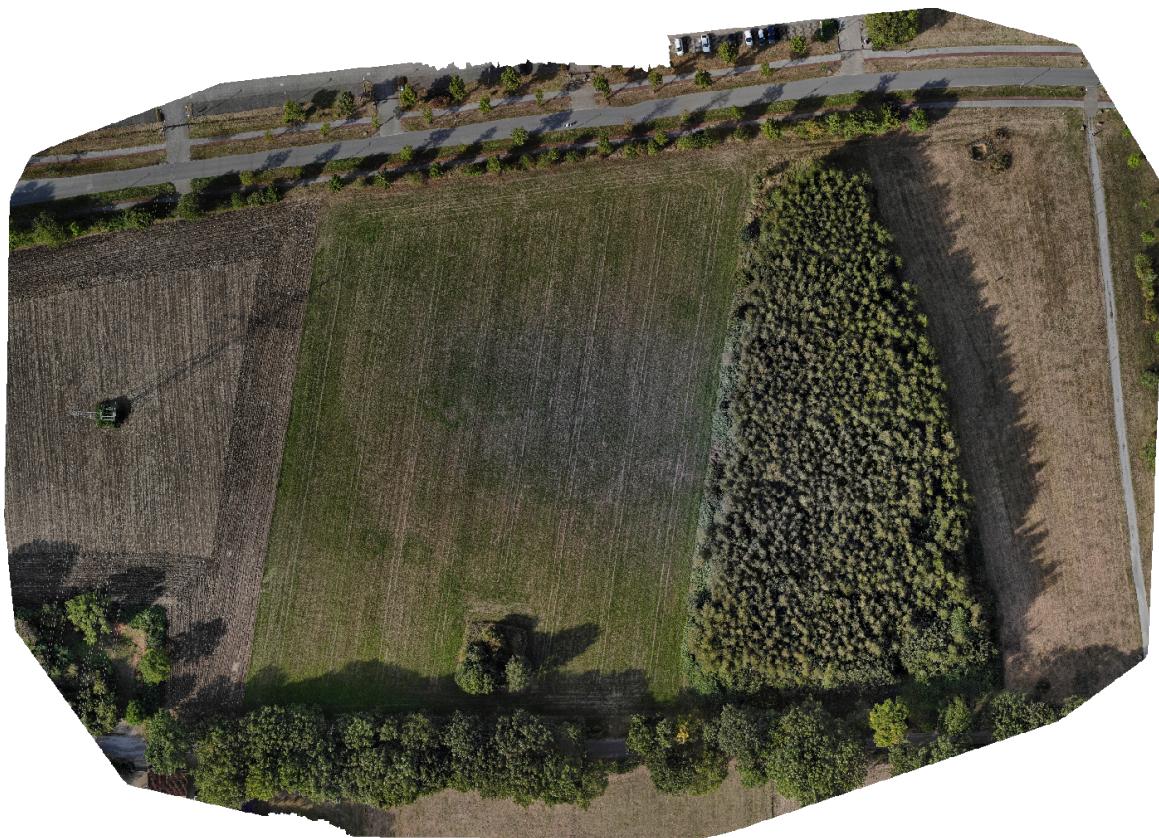
Date	16/09/2022 at 13:04:23
Area Covered	0.042526 km ²
Processing Time	4.0m:4.0s
Capture Start	12/09/2022 at 16:35:58
Capture End	12/09/2022 at 16:55:00

Processing Summary

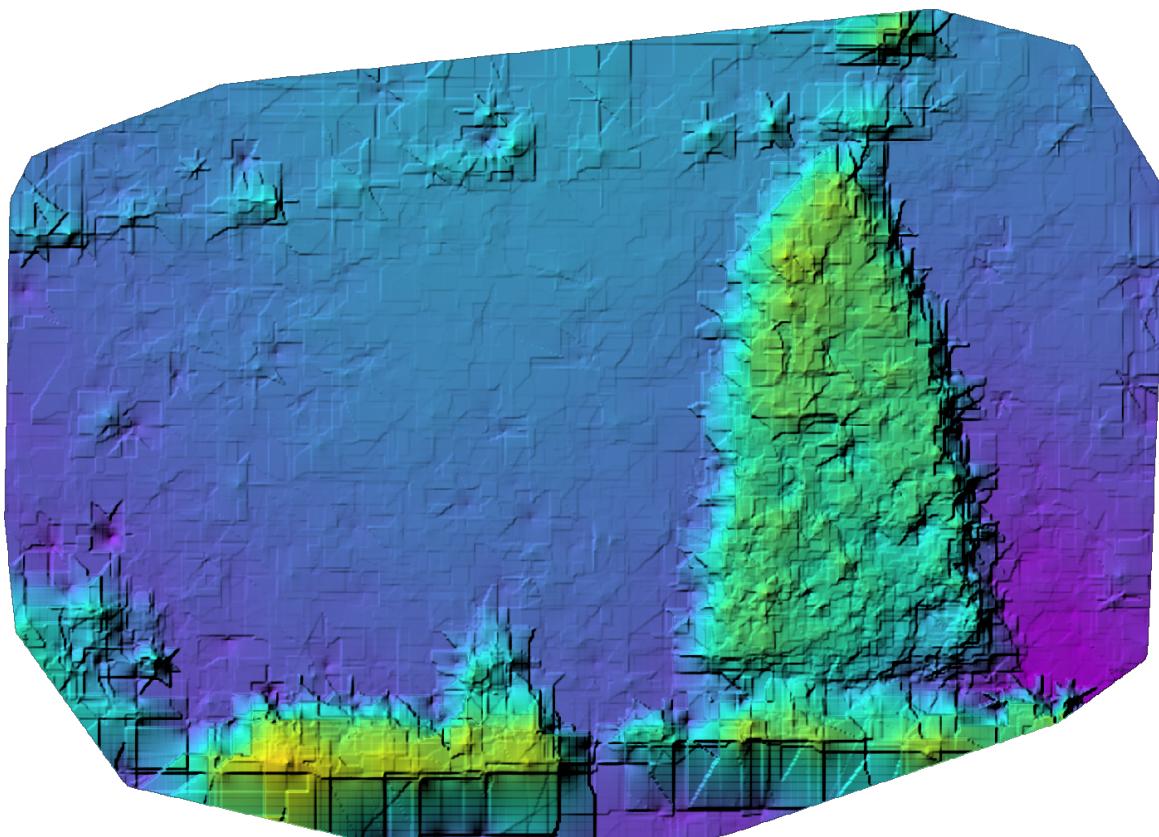
Reconstructed Images	190 over 190 shots (100.0%)
Reconstructed Points (Sparse)	22029 over 22371 points (98.5%)
Detected Features	852 features
Average Ground Sampling Distance (GSD)	1.9 cm
Reconstructed Features	387 features
Geographic Reference	GPS
GPS errors	0.99 meters



Previews



Orthophoto



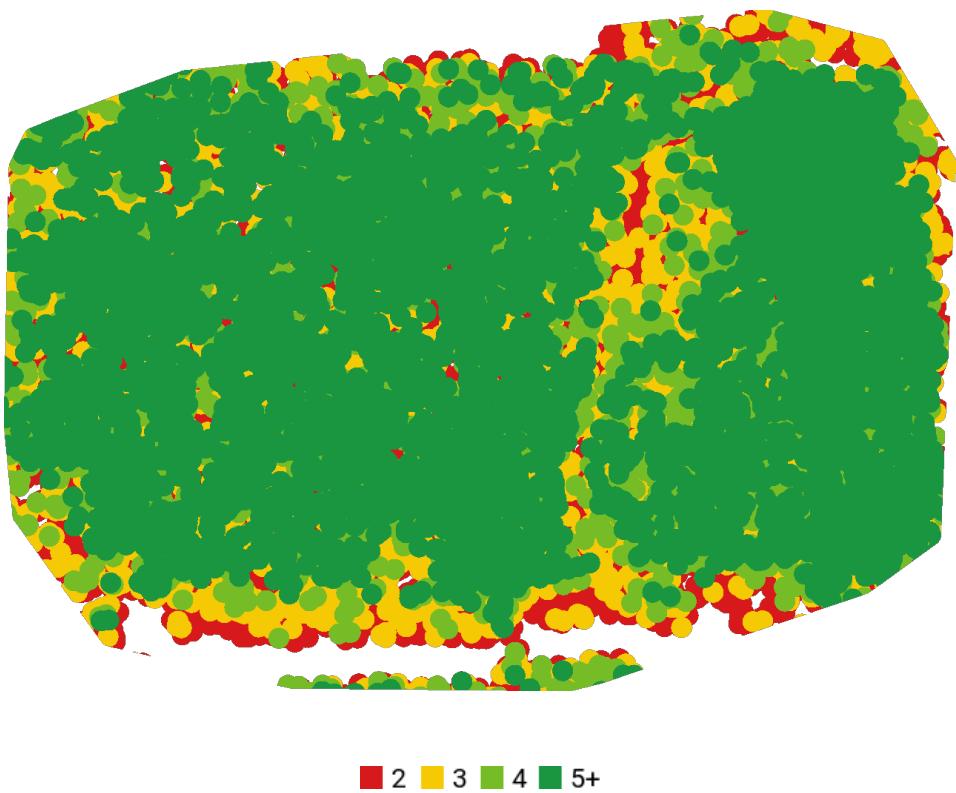
Digital Surface Model



60.40m

81.20m

Survey Data



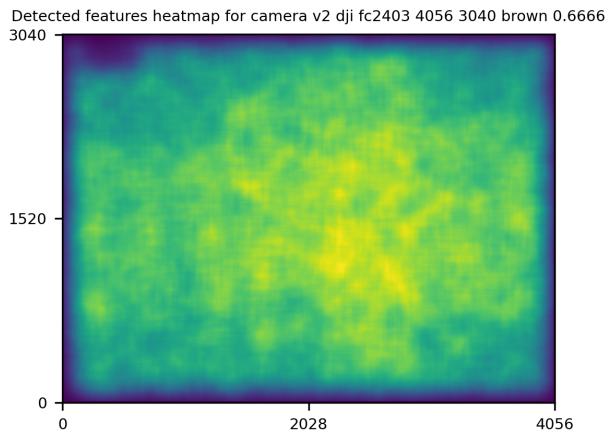
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.001	0.523	0.523
Y Error (meters)	0.000	0.417	0.417
Z Error (meters)	0.000	0.897	0.897
Total			0.993

3D	Mean	Sigma	RMS Error
X Error (meters)	0.032	0.063	0.070
Y Error (meters)	0.053	0.086	0.101
Z Error (meters)	0.097	0.173	0.199
Total			0.128

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.749	0.142
Vertical Accuracy LE90 (meters)	1.467	0.234

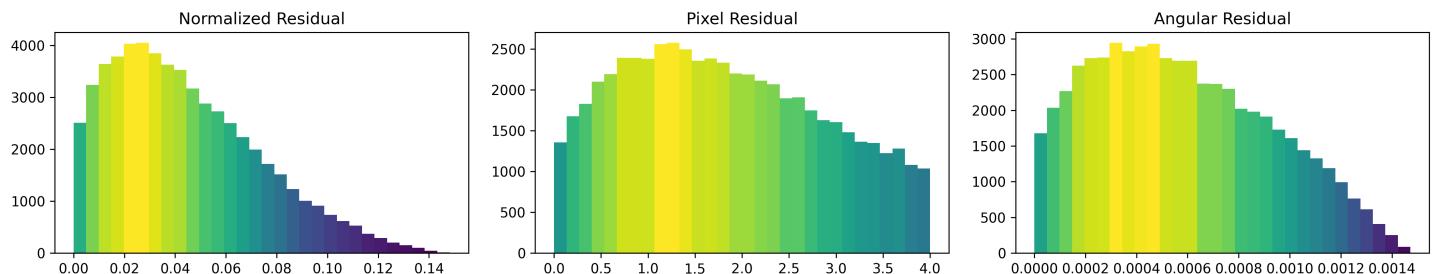
Features Details



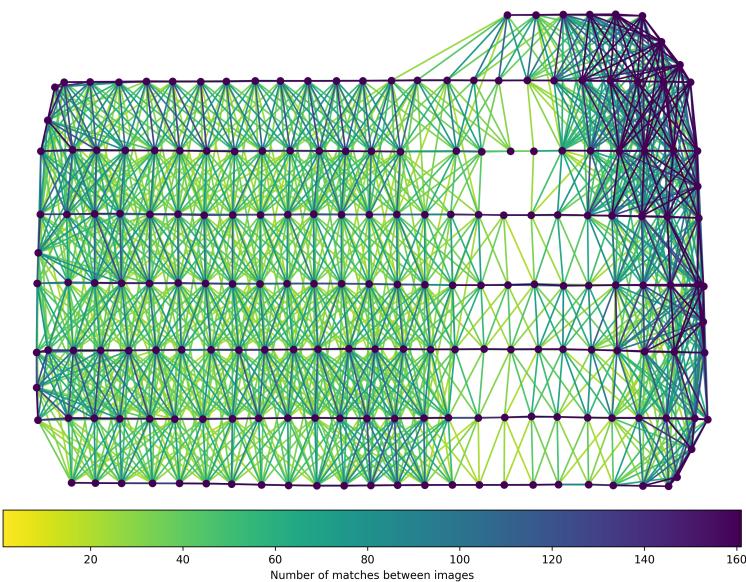
	Min.	Max.	Mean	Median
Detected	411	1725	878	852
Reconstructed	104	775	420	387

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.04 / 1.82 / 0.00058
Average Track Length	3.63 images
Average Track Length (> 2)	5.18 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	10721	4183	2216	1386	952	678	508	379	286

Camera Models Details

v2 dji fc2403 4056 3040 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	-0.0065	0.0001	0.0021	-0.0002	-0.0001	0.6669	1.0000	0.0045	-0.0066

