

ODM Quality Report

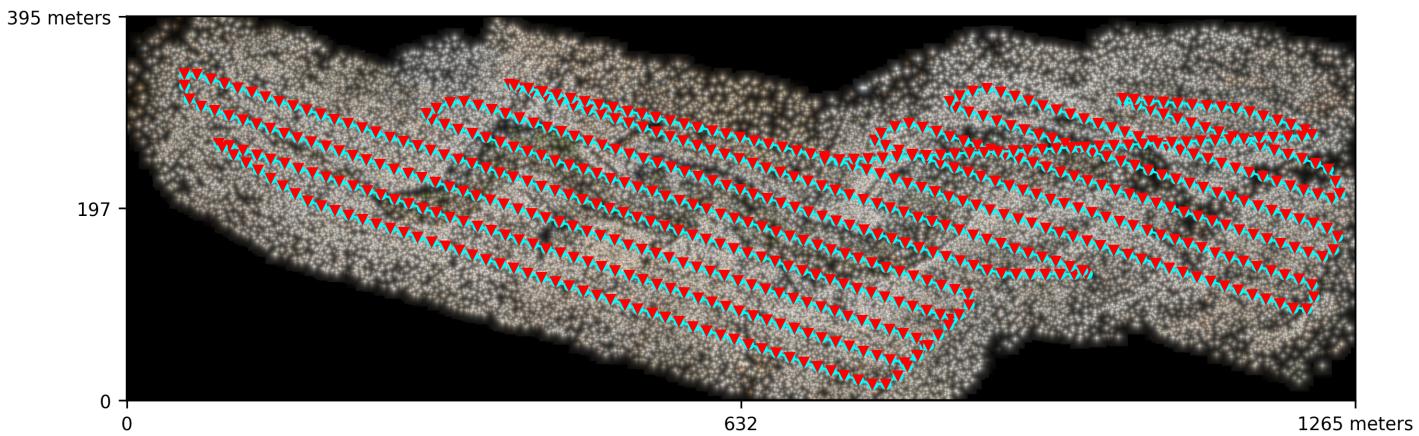
Processed with ODM version 3.1.5

Dataset Summary

Date	12/05/2023 at 11:59:22
Area Covered	0.380210 km ²
Processing Time	4.0h:45.0m:21.0s
Capture Start	21/04/2023 at 17:03:26
Capture End	21/04/2023 at 17:28:26

Processing Summary

Reconstructed Images	606 over 606 shots (100.0%)
Reconstructed Points (Sparse)	5081201 over 5093680 points (99.8%)
Reconstructed Points (Dense)	35,889,462 points
Average Ground Sampling Distance (GSD)	2.3 cm
Detected Features	59,981 features
Reconstructed Features	42,148 features
Geographic Reference	GPS
GPS errors	0.04 meters

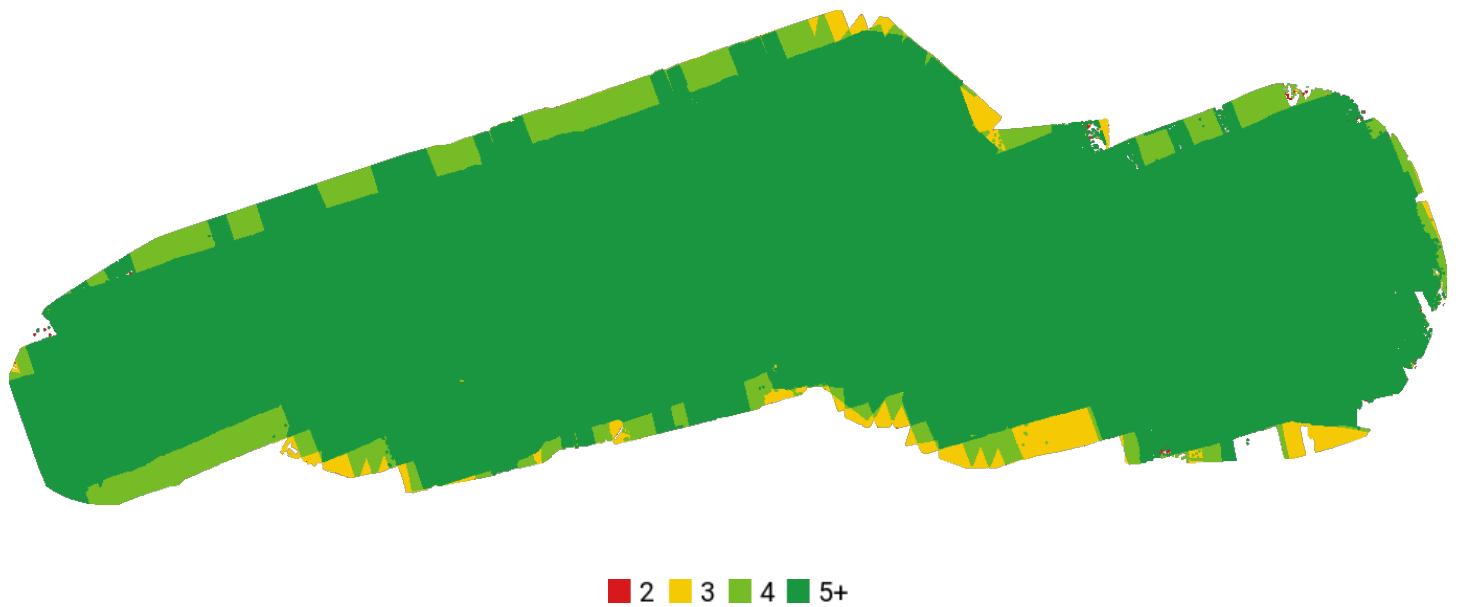


Previews



Orthophoto

Survey Data



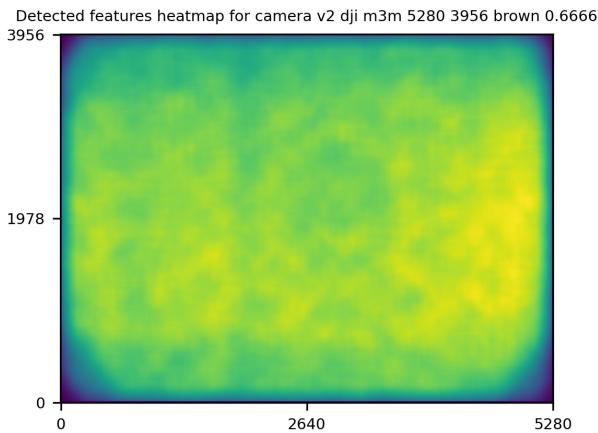
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.000	0.022	0.022
Y Error (meters)	0.001	0.023	0.023
Z Error (meters)	-0.000	0.028	0.028
Total			0.038

3D	Mean	Sigma	RMS Error
X Error (meters)	0.010	0.015	0.018
Y Error (meters)	0.014	0.020	0.024
Z Error (meters)	0.029	0.042	0.051
Total			0.036

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.047	0.041
Vertical Accuracy LE90 (meters)	0.050	0.071

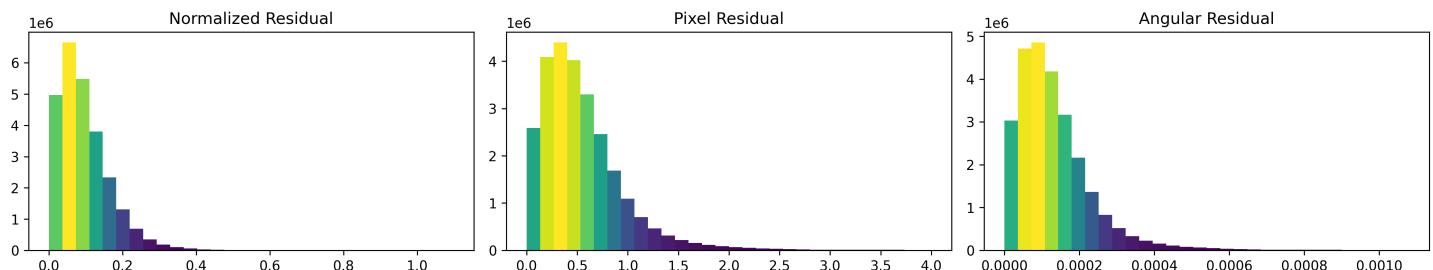
Features Details



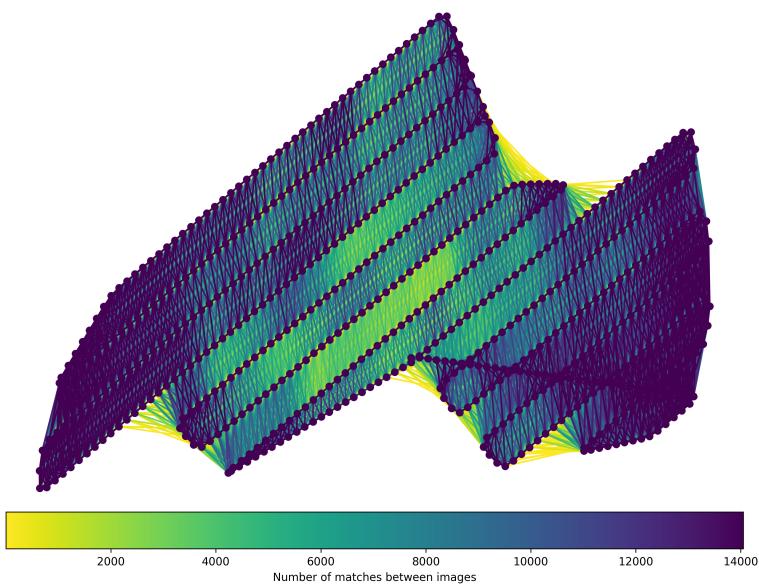
	Min.	Max.	Mean	Median
Detected	27183	96993	61564	59981
Reconstructed	17032	70570	43165	42148

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.10 / 0.55 / 0.00013
Average Track Length	5.15 images
Average Track Length (> 2)	7.09 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	1941420	864121	511438	350269	254915	193493	156083	130239	109251

Camera Models Details

v2 dji m3m 5280 3956 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.1098	0.0089	-0.0233	0.0000	0.0003	0.7017	1.0000	0.0029	-0.0071

