

ODM Quality Report

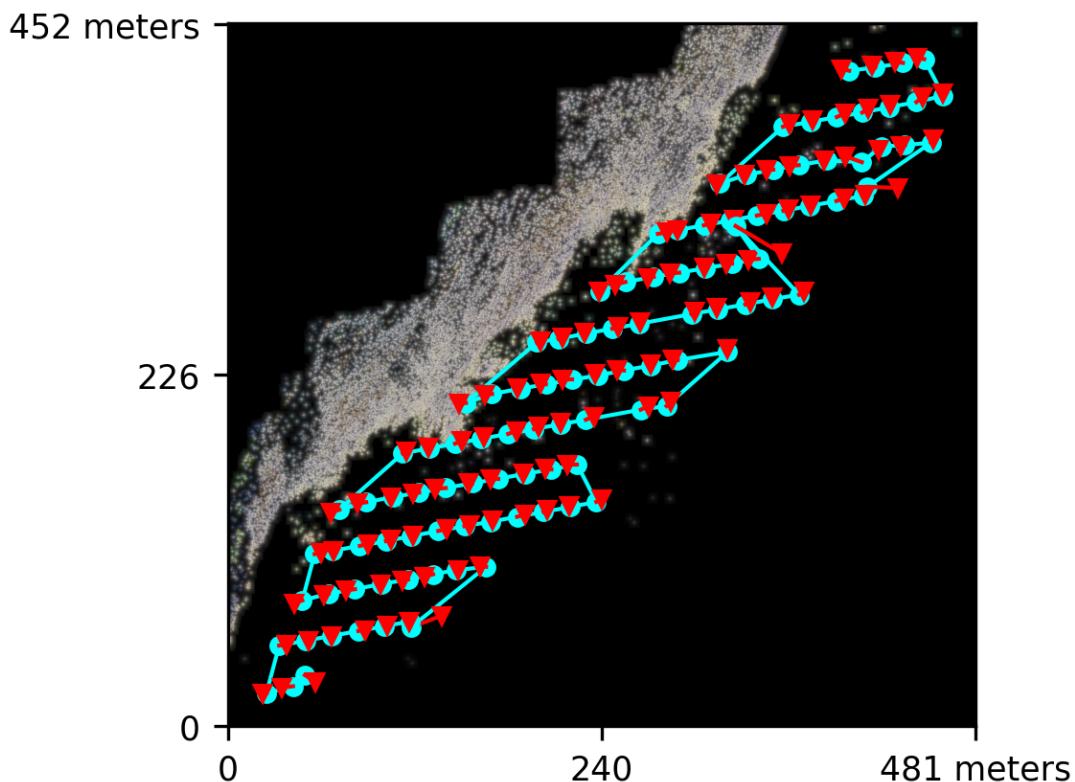
Processed with ODM version 2.8.7

Dataset Summary

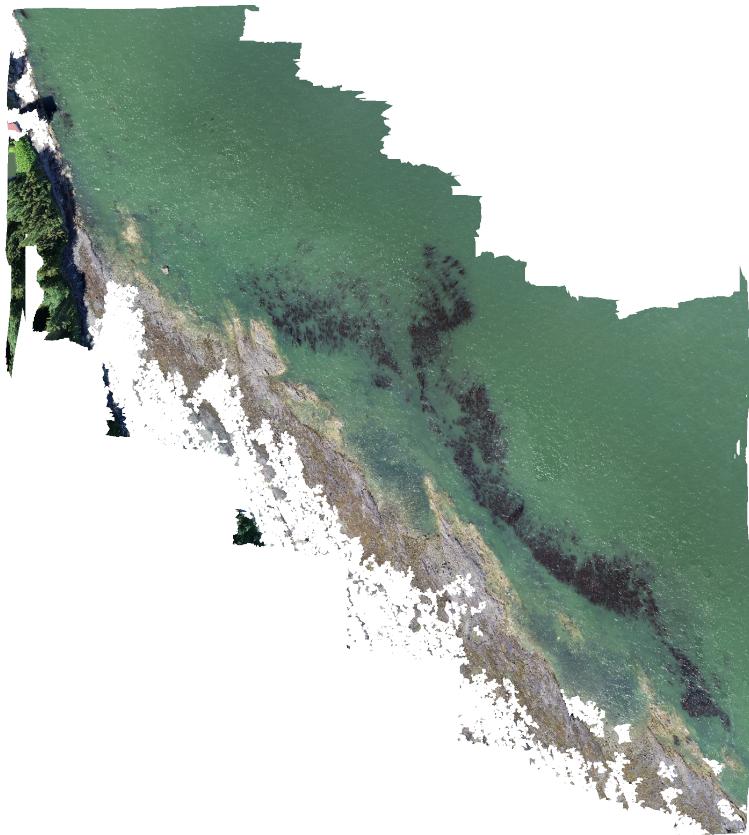
Date	11/08/2022 at 16:38:47
Area Covered	0.178079 km ²
Processing Time	10.0m:49.0s
Capture Start	09/06/2022 at 14:14:08
Capture End	09/06/2022 at 14:21:42

Processing Summary

Reconstructed Images	108 over 150 shots (72.0%)
Reconstructed Points (Sparse)	136305 over 137427 points (99.2%)
Detected Features	11,695 features
Average Ground Sampling Distance (GSD)	3.0 cm
Reconstructed Features	3,208 features
Geographic Reference	GPS
GPS errors	5.04 meters

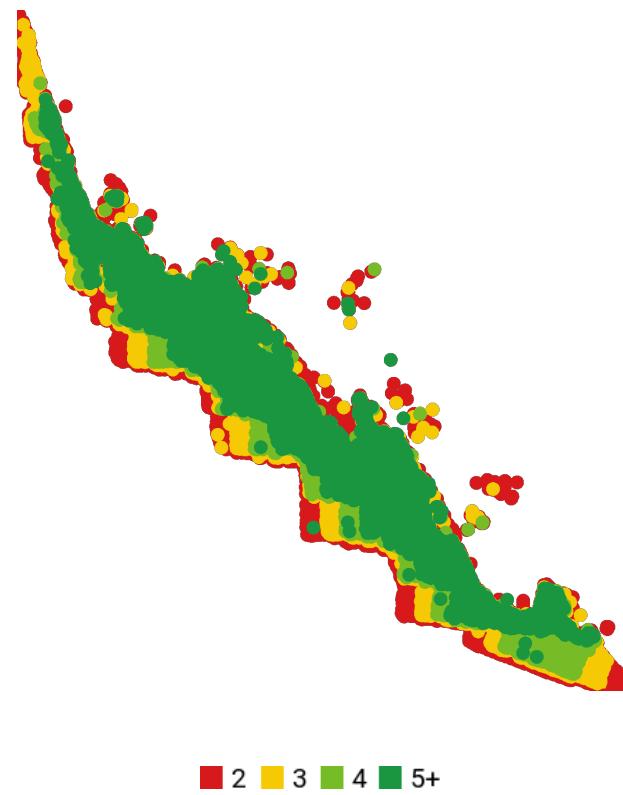


Previews



Orthophoto

Survey Data



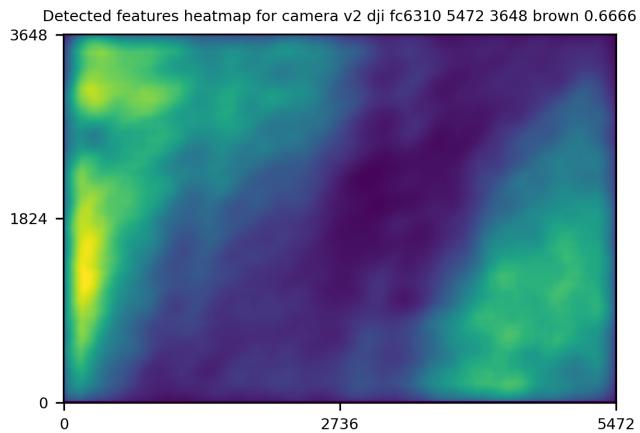
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.309	5.457	5.465
Y Error (meters)	0.486	2.204	2.257
Z Error (meters)	0.256	3.647	3.656
Total			5.045

3D	Mean	Sigma	RMS Error
X Error (meters)	0.025	0.027	0.036
Y Error (meters)	0.040	0.037	0.055
Z Error (meters)	0.070	0.064	0.095
Total			0.087

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	6.285	0.099
Vertical Accuracy LE90 (meters)	4.247	0.146

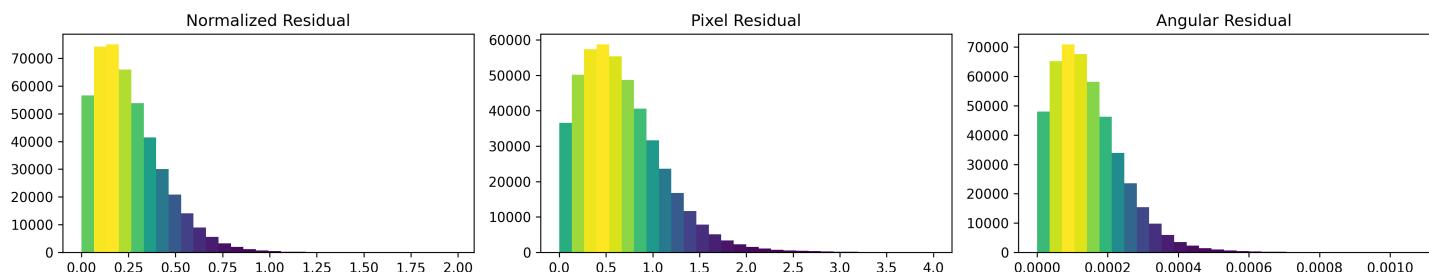
Features Details



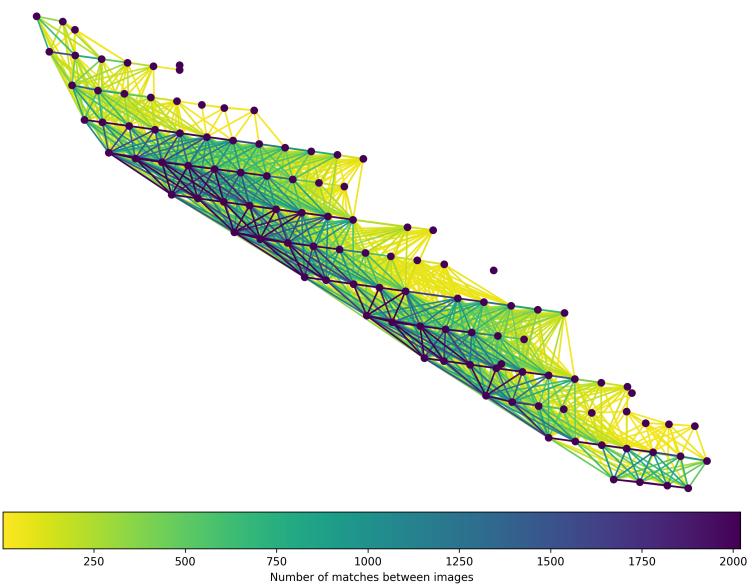
	Min.	Max.	Mean	Median
Detected	4121	23884	11925	11695
Reconstructed	25	11902	4226	3208

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.25 / 0.67 / 0.00015
Average Track Length	3.35 images
Average Track Length (> 2)	4.77 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	70005	27733	13954	7977	5086	3436	2403	1749	1210

Camera Models Details

v2 dji fc6310 5472 3648 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	-0.0058	-0.0049	0.0058	0.0022	0.0005	0.6819	1.0000	0.0002	0.0046

