

OpenSfM Quality Report

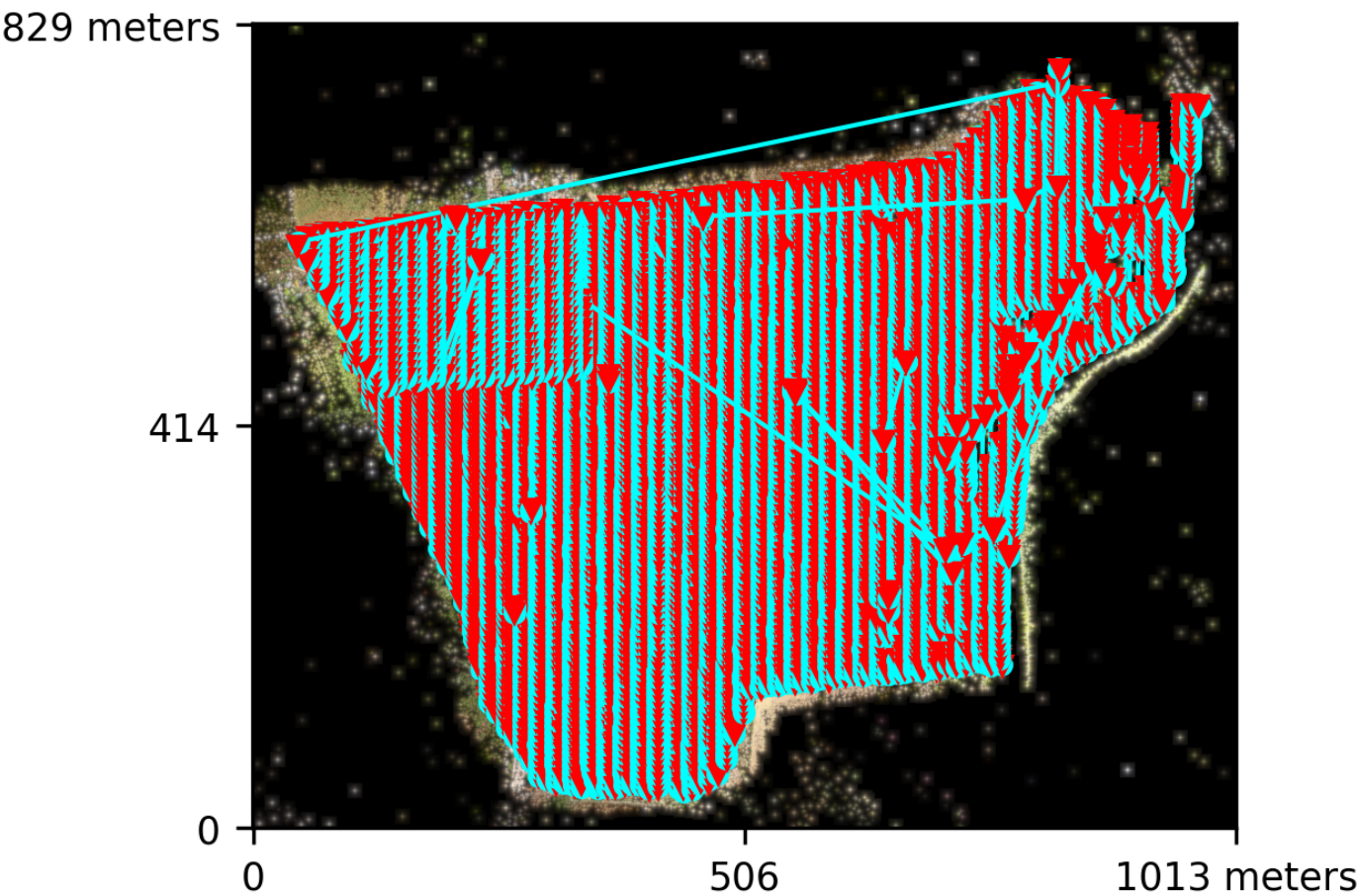
Processed with OpenSfM version v0.5.1-929-gb1a724d6

Dataset Summary

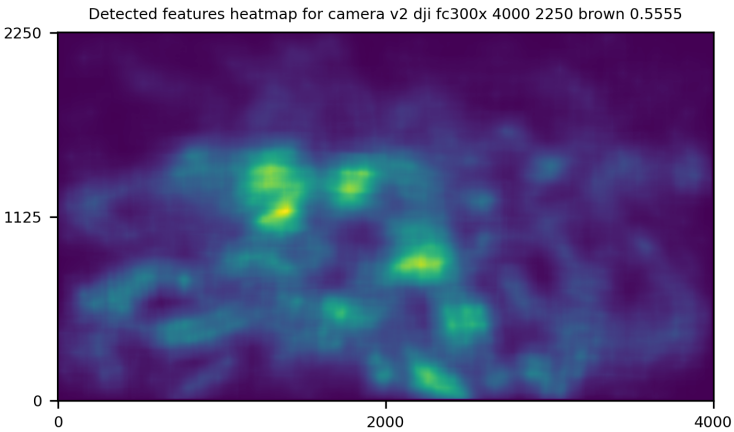
Dataset	
Date	04/08/2025 at 20:41:37
Area Covered	0.691910 km²
Processing Time	10522.92 seconds

Processing Summary

Reconstructed Images	6863 over 7169 shots (95.7%)
Reconstructed Points	4324989 over 4619557 points (93.6%)
Reconstructed Components	28 component
Detected Features	13649 features
Reconstructed Features	2571 features
Geographic Reference	GPS
GPS errors	2.82 meters



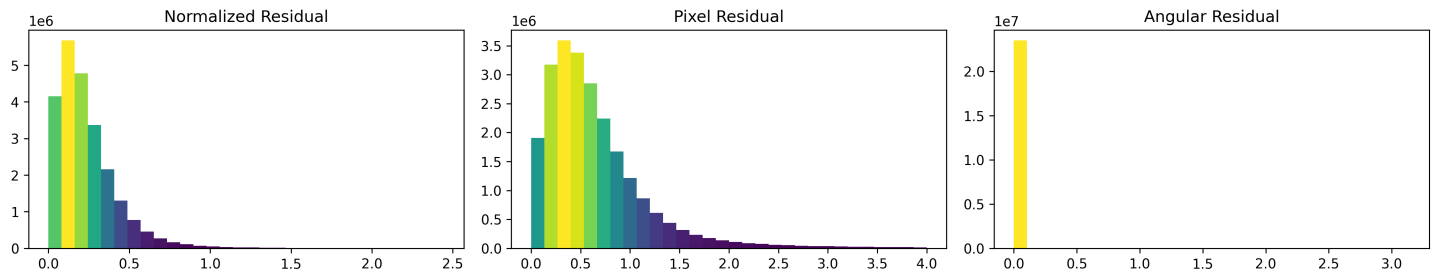
Features Details



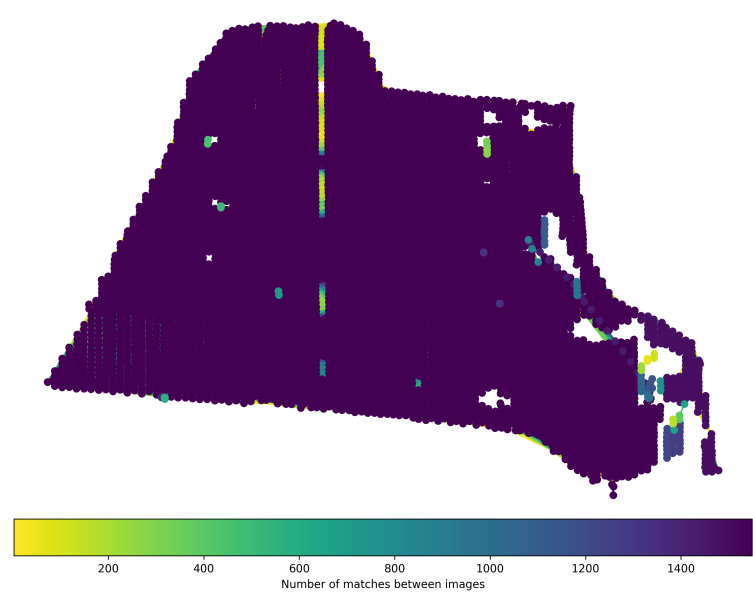
	Min.	Max.	Mean	Median
Detected	11460	16897	13659	13649
Reconstructed	9	13691	3463	2571

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.24 / 0.65 / 0.00022
Average Track Length	5.50 images
Average Track Length (> 2)	8.61 images



Tracks Details

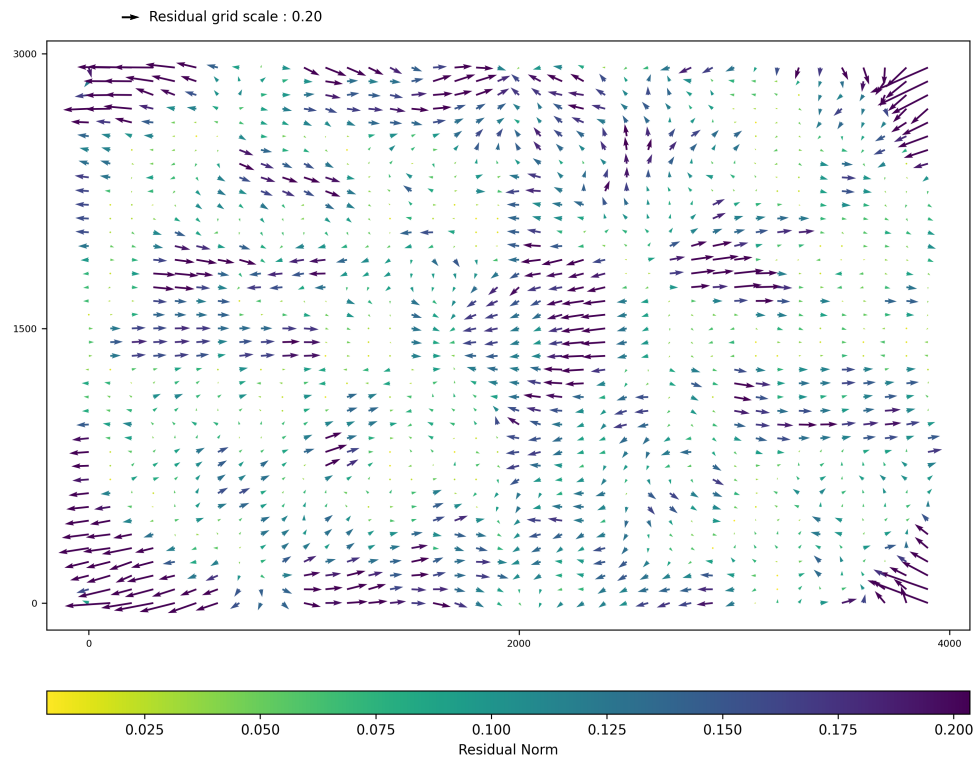


Length	2	3	4	5	6	7	8	9	10
Count	2037590	671538	355964	228856	162276	121739	93281	75882	63207

Camera Models Details

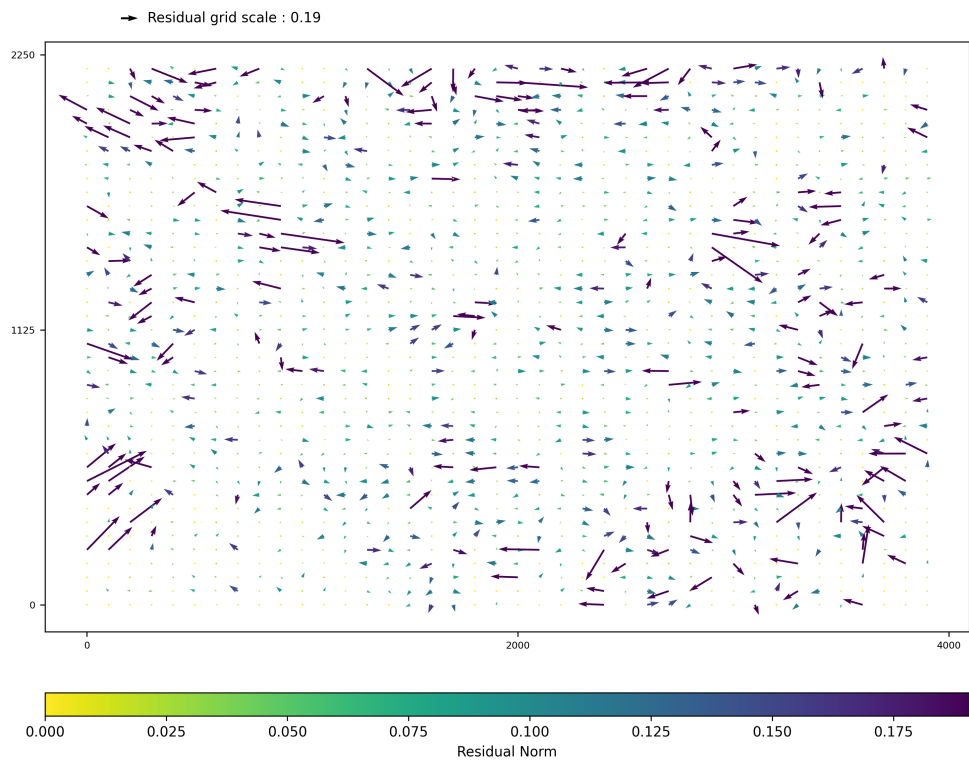
v2 dji fc300x 4000 3000 brown 0.5555

	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	0.0140	-0.0028	-0.0012	-0.0001	0.0004	0.5778	1.0020	0.0057	0.0021



v2 dji fc300x 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	0.0159	-0.0178	0.0196	-0.0023	0.0031	0.5743	1.0039	0.0087	0.0041



GPS/GCP Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	0.002	0.760	0.760
Y Error (meters)	-0.005	1.704	1.704
Z Error (meters)	0.050	2.870	2.871
Total			2.820

GPS Bias	Scale	Translation			Rotation		
v2 dji fc300x 4000 3000 brow	1.00	0.00	0.00	0.00	-0.00	-0.00	-0.00
v2 dji fc300x 4000 2250 brow	1.00	0.00	0.00	0.00	-0.00	-0.00	-0.00

Processing Time Details

Feature Extraction	Features Matching	Tracks Merging	Reconstruction	Total Time
852.96 sec.	2611.48 sec.	214.87 sec.	6843.61 sec.	10522.92 sec.