

# ODM Quality Report

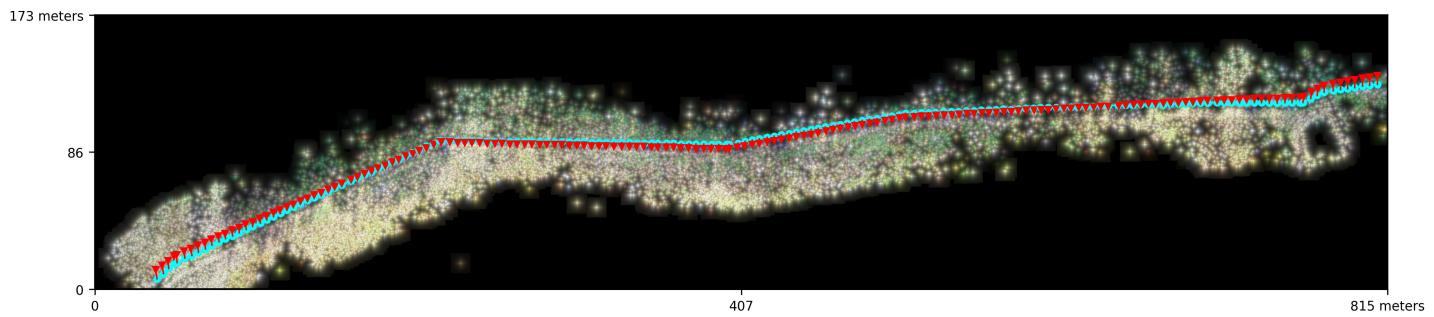
Processed with ODM version 3.0.5

## Dataset Summary

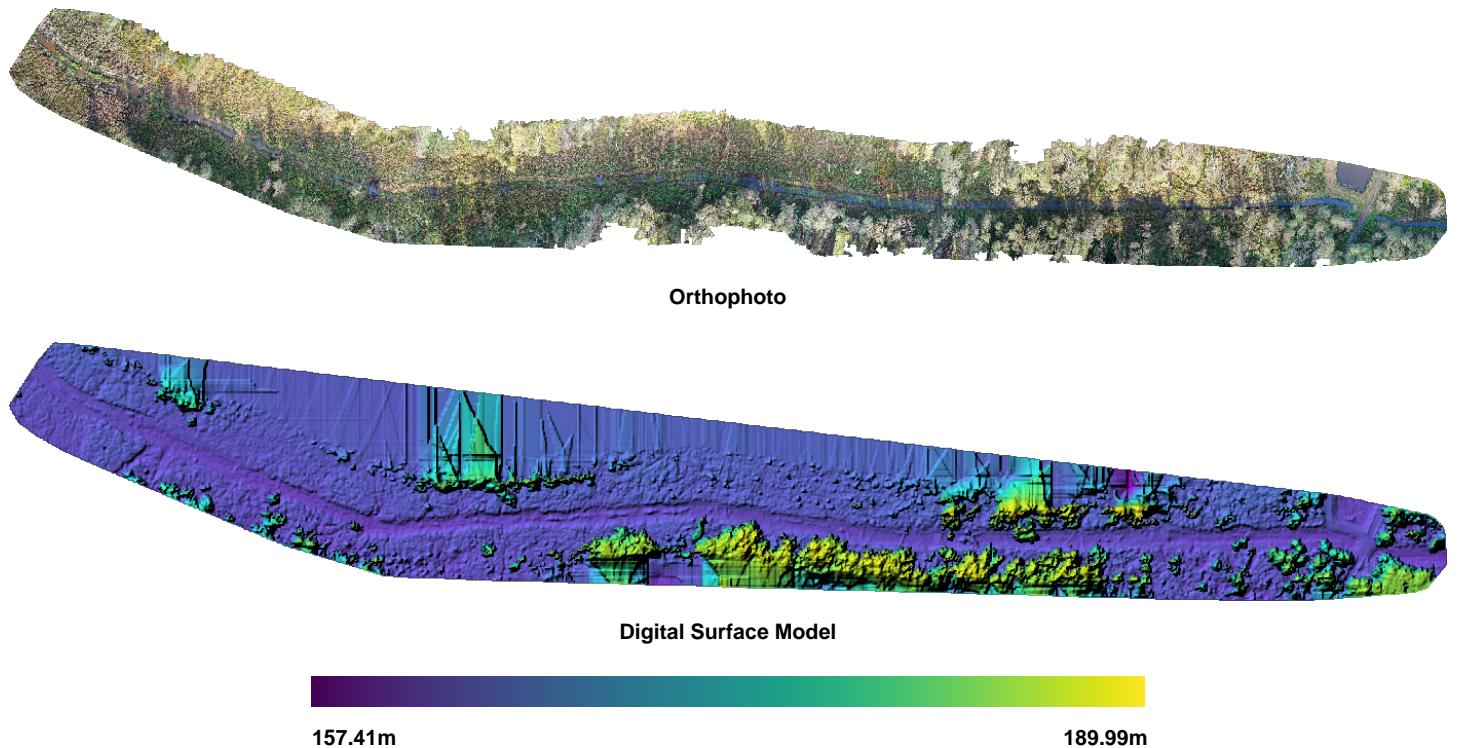
Date	23/10/2024 at 11:03:00
Area Covered	0.094028 km <sup>2</sup>
Processing Time	1.0h:41.0m:20.0s
Capture Start	23/10/2024 at 11:45:25
Capture End	23/10/2024 at 11:53:29

## Processing Summary

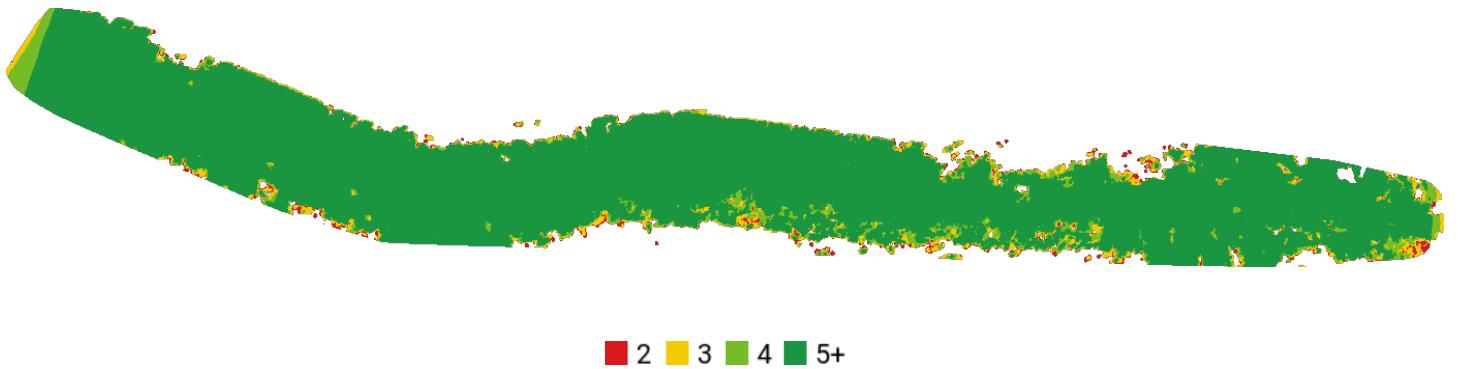
Reconstructed Images	171 over 171 shots (100.0%)
Reconstructed Points (Sparse)	495322 over 520197 points (95.2%)
Reconstructed Points (Dense)	7,082,972 points
Average Ground Sampling Distance (GSD)	1.4 cm
Detected Features	67,885 features
Reconstructed Features	8,039 features
Geographic Reference	GPS
GPS errors	2.15 meters



## Previews



# Survey Data



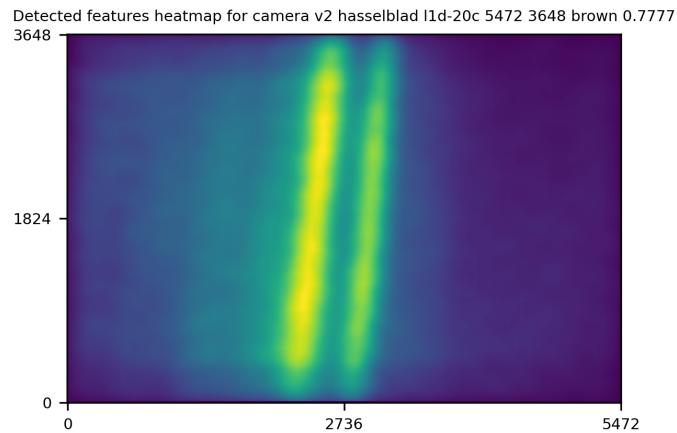
## GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.006	0.225	0.225
Y Error (meters)	0.006	2.468	2.468
Z Error (meters)	-0.000	0.209	0.209
Total			2.149

3D	Mean	Sigma	RMS Error
X Error (meters)	0.005	0.010	0.011
Y Error (meters)	0.009	0.014	0.017
Z Error (meters)	0.024	0.039	0.046
Total			0.028

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	4.012	0.025
Vertical Accuracy LE90 (meters)	0.326	0.056

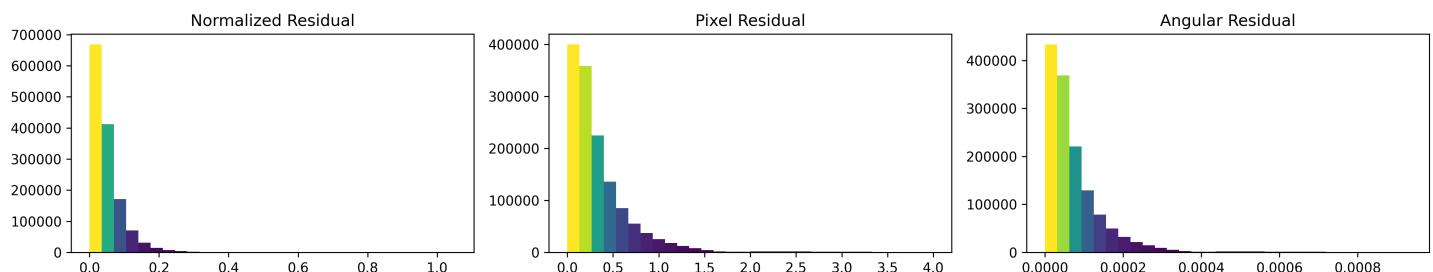
## Features Details



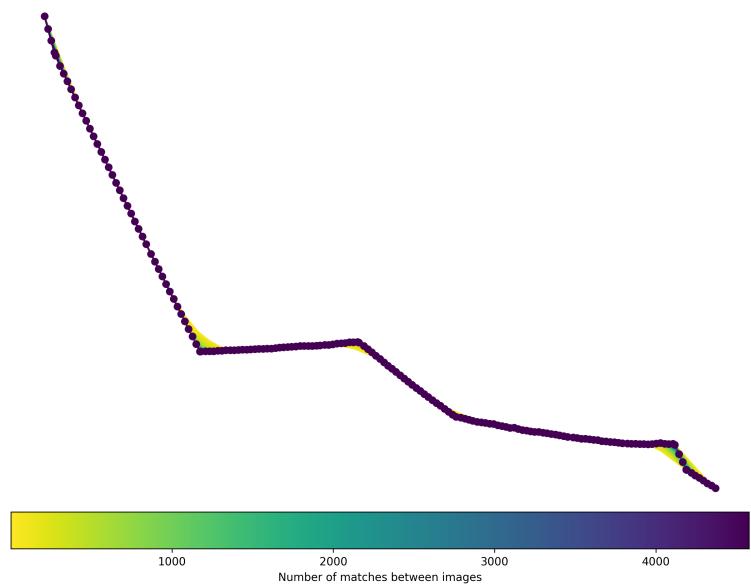
	Min.	Max.	Mean	Median
Detected	37677	90089	68476	67885
Reconstructed	1139	25916	8128	8039

## Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.05 / 0.35 / 0.00008
Average Track Length	2.81 images
Average Track Length (> 2)	4.23 images



## Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	316546	87705	38137	20536	12185	7838	5270	3735	2403

## Camera Models Details

v2 hasselblad l1d-20c 5472 3648 brown 0.7777

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.7778	1.0000	0.0000	0.0000
Optimized	-0.0227	0.0143	-0.0211	-0.0005	0.0037	0.7752	1.0000	0.0214	-0.0068

