

ODM Quality Report

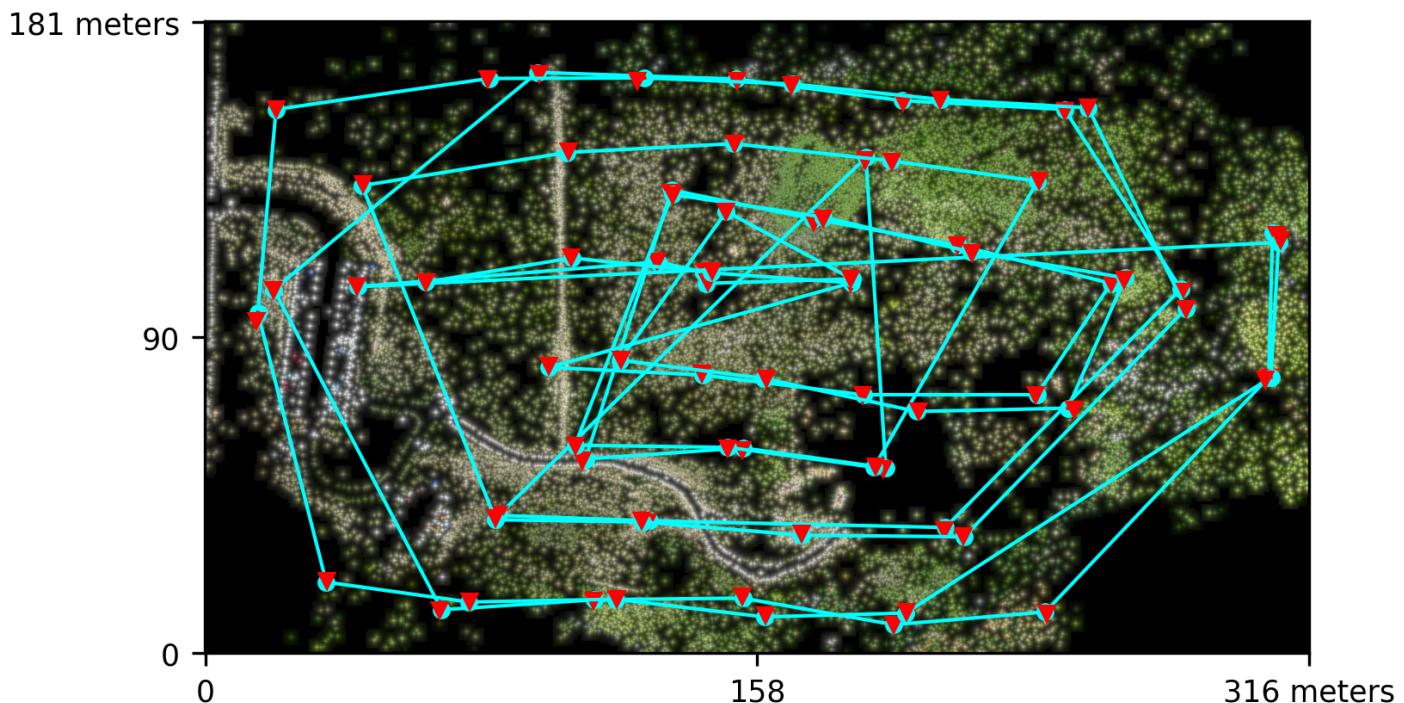
Processed with ODM version 2.9.1

Dataset Summary

Date	27/09/2022 at 18:28:56
Area Covered	0.046245 km ²
Processing Time	14.0m:54.0s
Capture Start	29/06/2016 at 10:47:04
Capture End	29/06/2016 at 11:04:14

Processing Summary

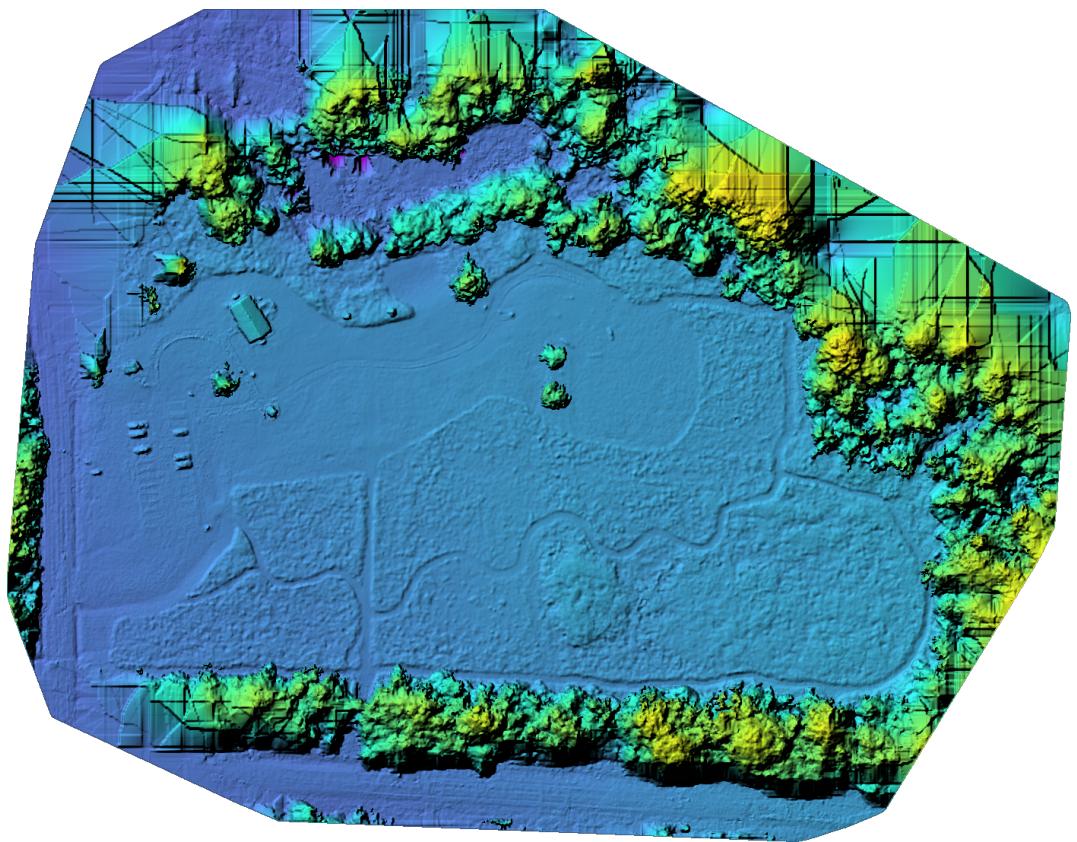
Reconstructed Images	73 over 77 shots (94.8%)
Reconstructed Points (Sparse)	58578 over 65281 points (89.7%)
Reconstructed Points (Dense)	9,640,621 points
Average Ground Sampling Distance (GSD)	2.8 cm
Detected Features	18,312 features
Reconstructed Features	2,311 features
Geographic Reference	GPS
GPS errors	0.91 meters



Previews



Orthophoto

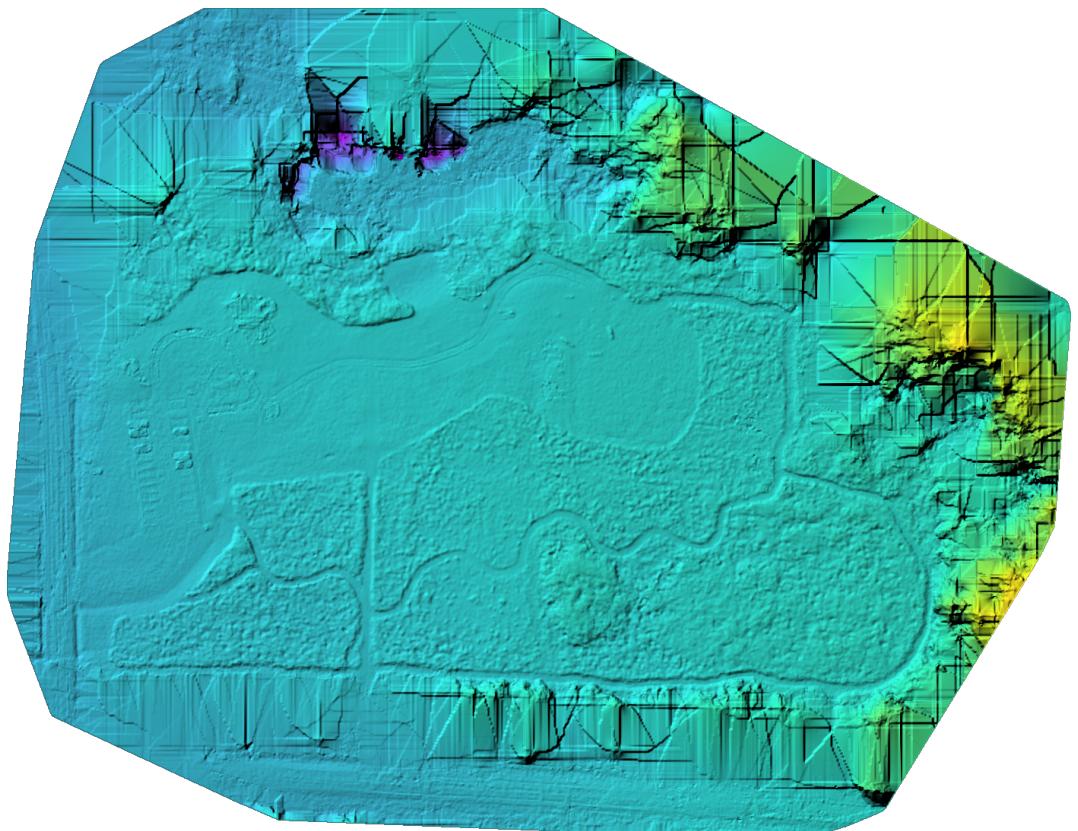


Digital Surface Model



226.57m

265.66m



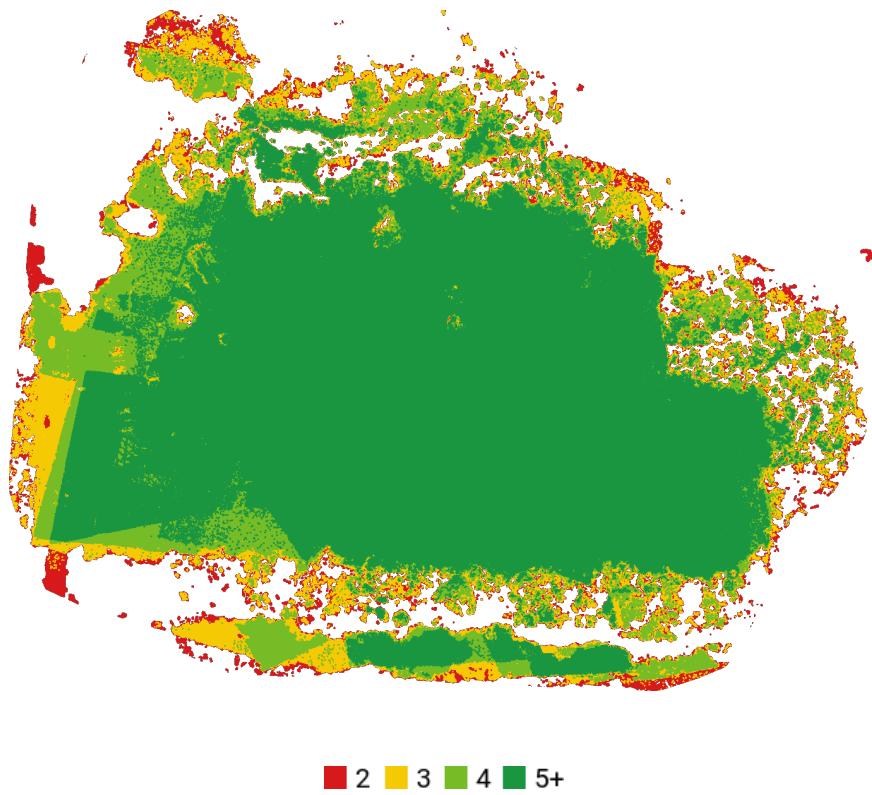
Digital Terrain Model



217.23m

262.98m

Survey Data



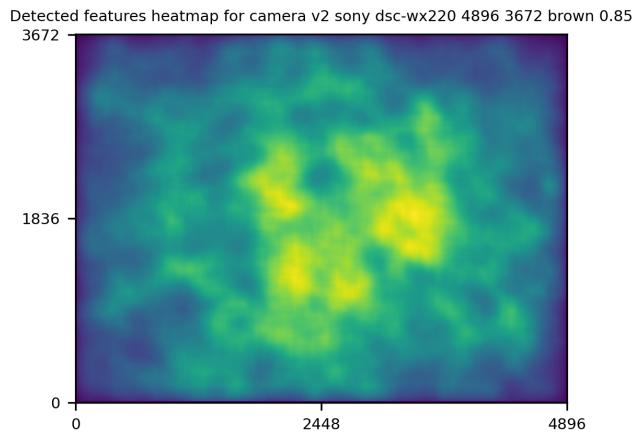
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.004	0.505	0.505
Y Error (meters)	-0.040	0.432	0.433
Z Error (meters)	-0.136	0.805	0.817
Total			0.908

3D	Mean	Sigma	RMS Error
X Error (meters)	0.036	0.067	0.076
Y Error (meters)	0.039	0.079	0.088
Z Error (meters)	0.128	0.231	0.264
Total			0.143

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.822	0.107
Vertical Accuracy LE90 (meters)	1.220	0.245

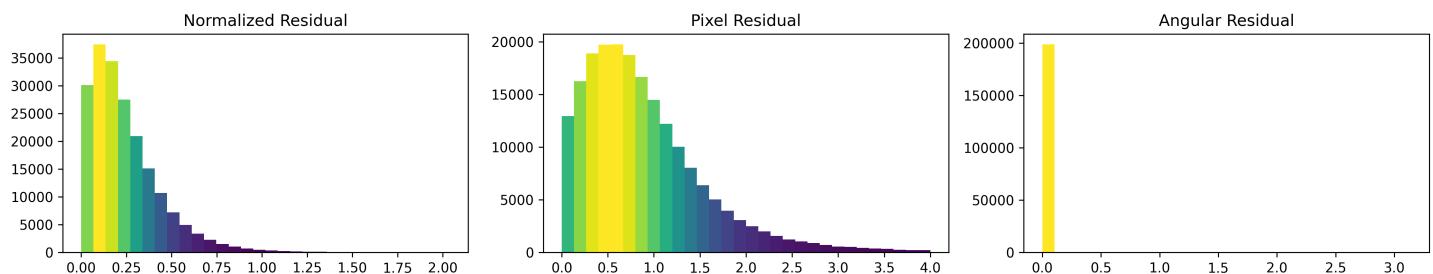
Features Details



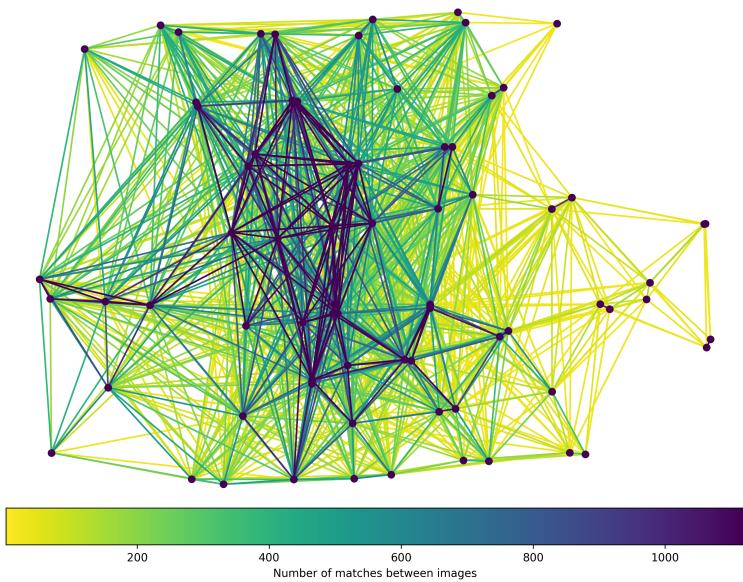
	Min.	Max.	Mean	Median
Detected	10151	30457	18087	18312
Reconstructed	57	8164	2750	2311

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.25 / 0.88 / 0.00067
Average Track Length	3.43 images
Average Track Length (> 2)	5.65 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	35674	8785	4277	2477	1584	1191	839	693	544

Camera Models Details

v2 sony dsc-wx220 4896 3672 brown 0.85

	k1	k2	k3	p1	p2	focal	aspect_ratio) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8500	1.0000	0.0000	0.0000
Optimized	0.0097	-0.0361	0.0292	-0.0031	0.0064	0.7413	1.0000	0.0151	-0.0081

