

# ODM Quality Report

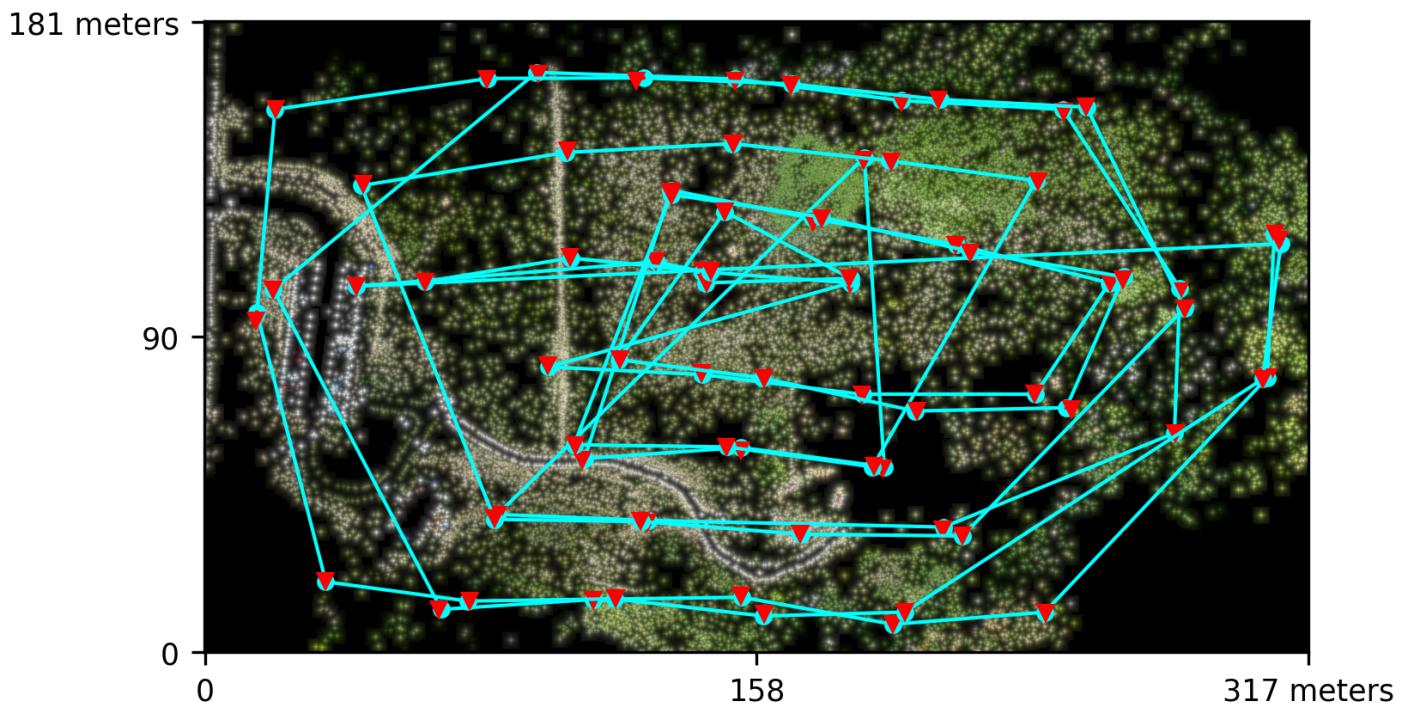
Processed with ODM version 2.9.1

## Dataset Summary

Date	02/10/2022 at 13:07:00
Area Covered	0.046435 km <sup>2</sup>
Processing Time	15.0m:45.0s
Capture Start	29/06/2016 at 10:47:04
Capture End	29/06/2016 at 11:04:14

## Processing Summary

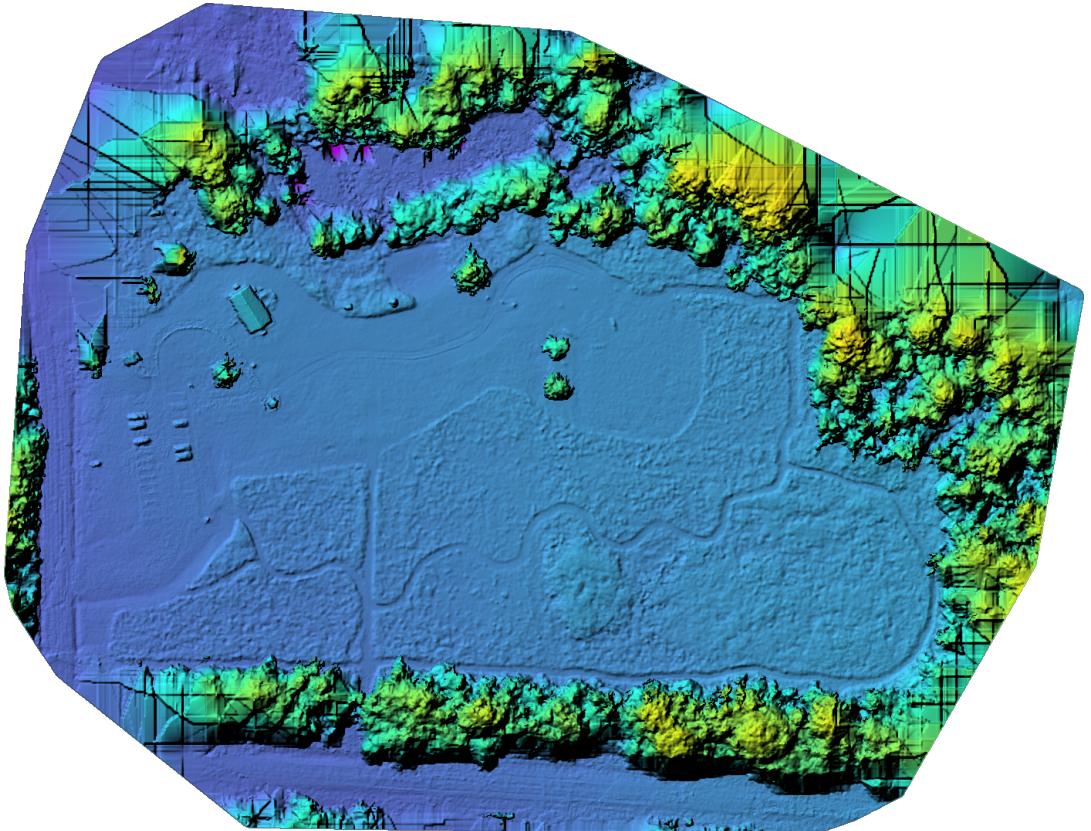
Reconstructed Images	74 over 77 shots (96.1%)
Reconstructed Points (Sparse)	57331 over 65499 points (87.5%)
Reconstructed Points (Dense)	9,471,100 points
Average Ground Sampling Distance (GSD)	2.8 cm
Detected Features	18,322 features
Reconstructed Features	2,155 features
Geographic Reference	GPS
GPS errors	0.88 meters



## Previews

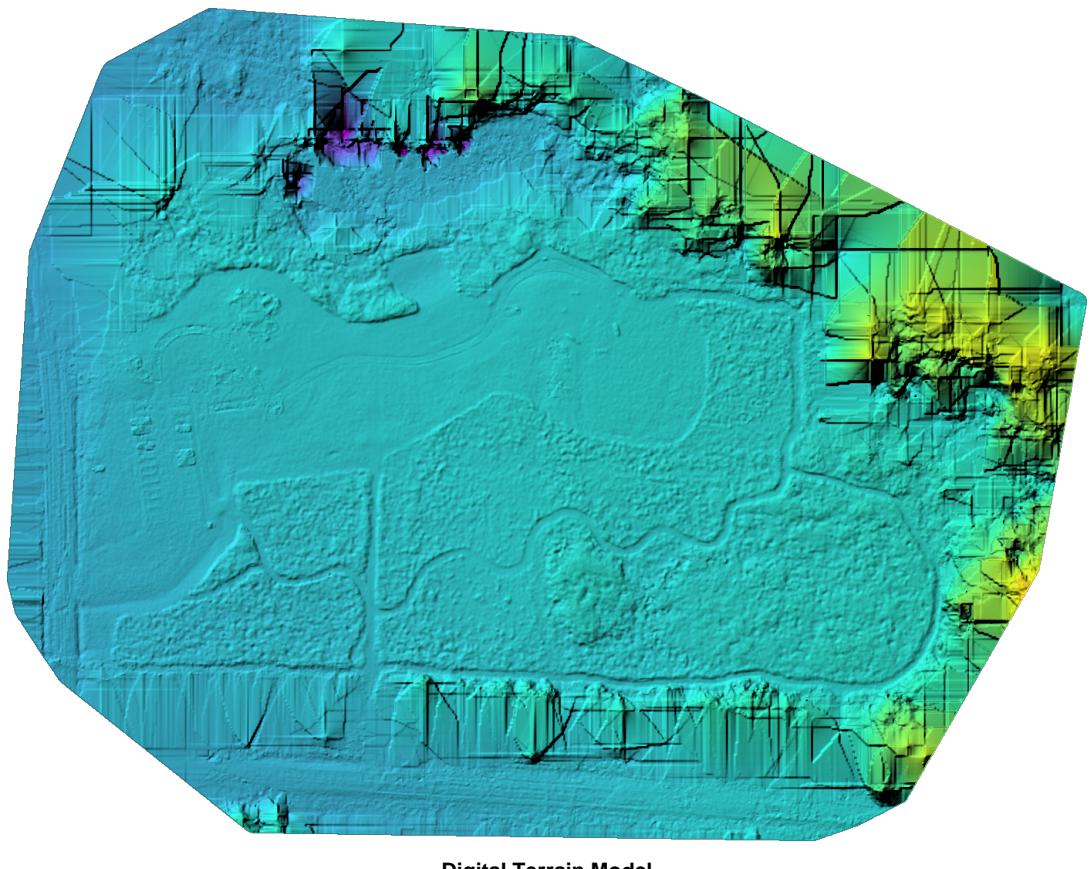


Orthophoto



Digital Surface Model





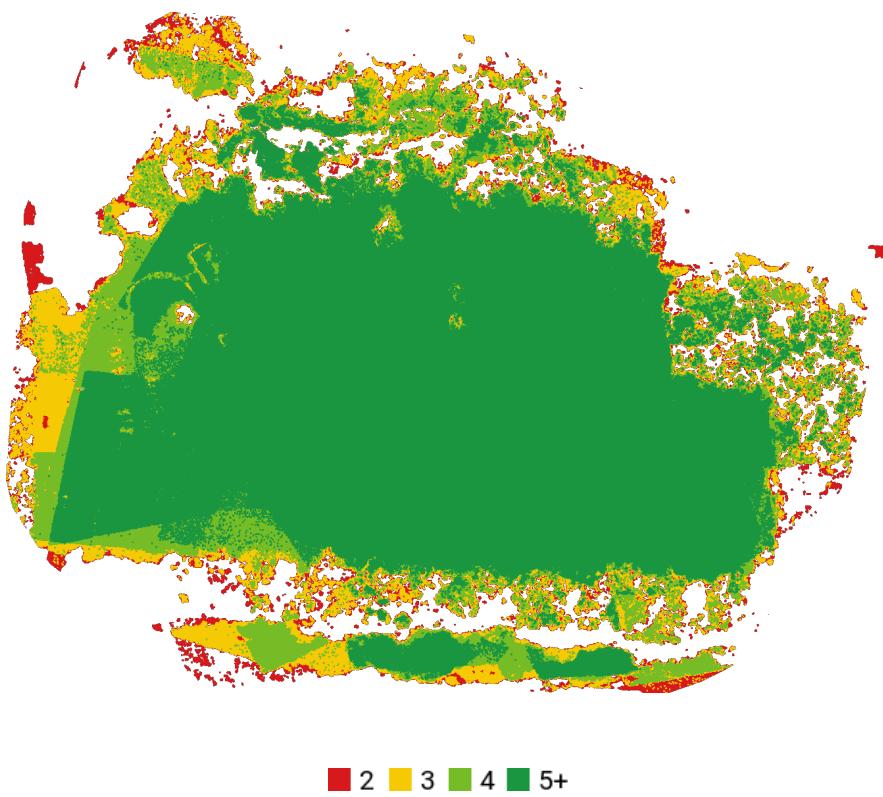
Digital Terrain Model



218.61m

262.45m

# Survey Data



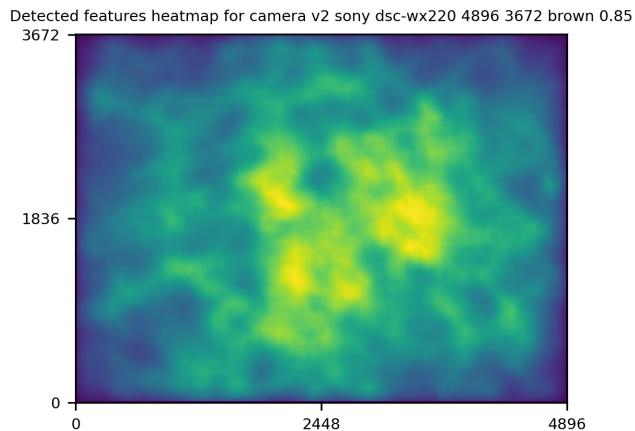
## GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	0.008	0.433	0.433
Y Error (meters)	-0.005	0.442	0.442
Z Error (meters)	-0.107	0.795	0.802
Total			0.884

3D	Mean	Sigma	RMS Error
X Error (meters)	0.040	0.098	0.106
Y Error (meters)	0.040	0.104	0.111
Z Error (meters)	0.157	0.389	0.420
Total			0.172

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.740	0.100
Vertical Accuracy LE90 (meters)	1.172	0.242

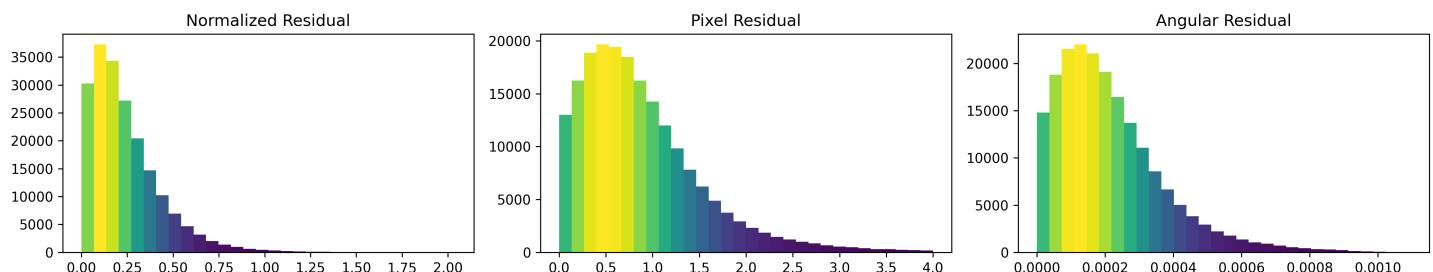
## Features Details



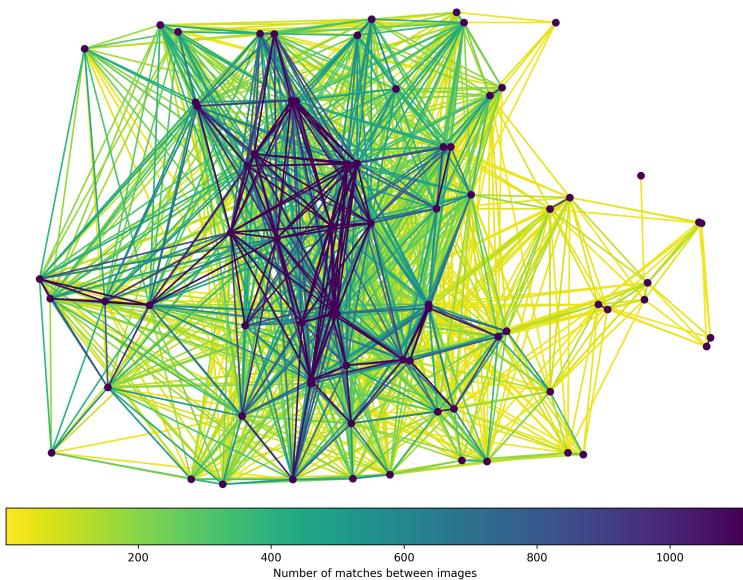
	Min.	Max.	Mean	Median
Detected	10151	30457	18108	18322
Reconstructed	32	8102	2670	2155

## Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.24 / 0.87 / 0.00021
Average Track Length	3.45 images
Average Track Length (> 2)	5.64 images



## Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	34572	8761	4219	2470	1575	1214	775	714	531

## 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	0.0098	-0.0362	0.0292	-0.0031	0.0064	0.7409	1.0000	0.0150	-0.0080

