

Adams, NY 100ft Orthomosaic

Captured: Nov 21, 2020, Processed: Nov 22, 2020



Map Details Summary ⓘ

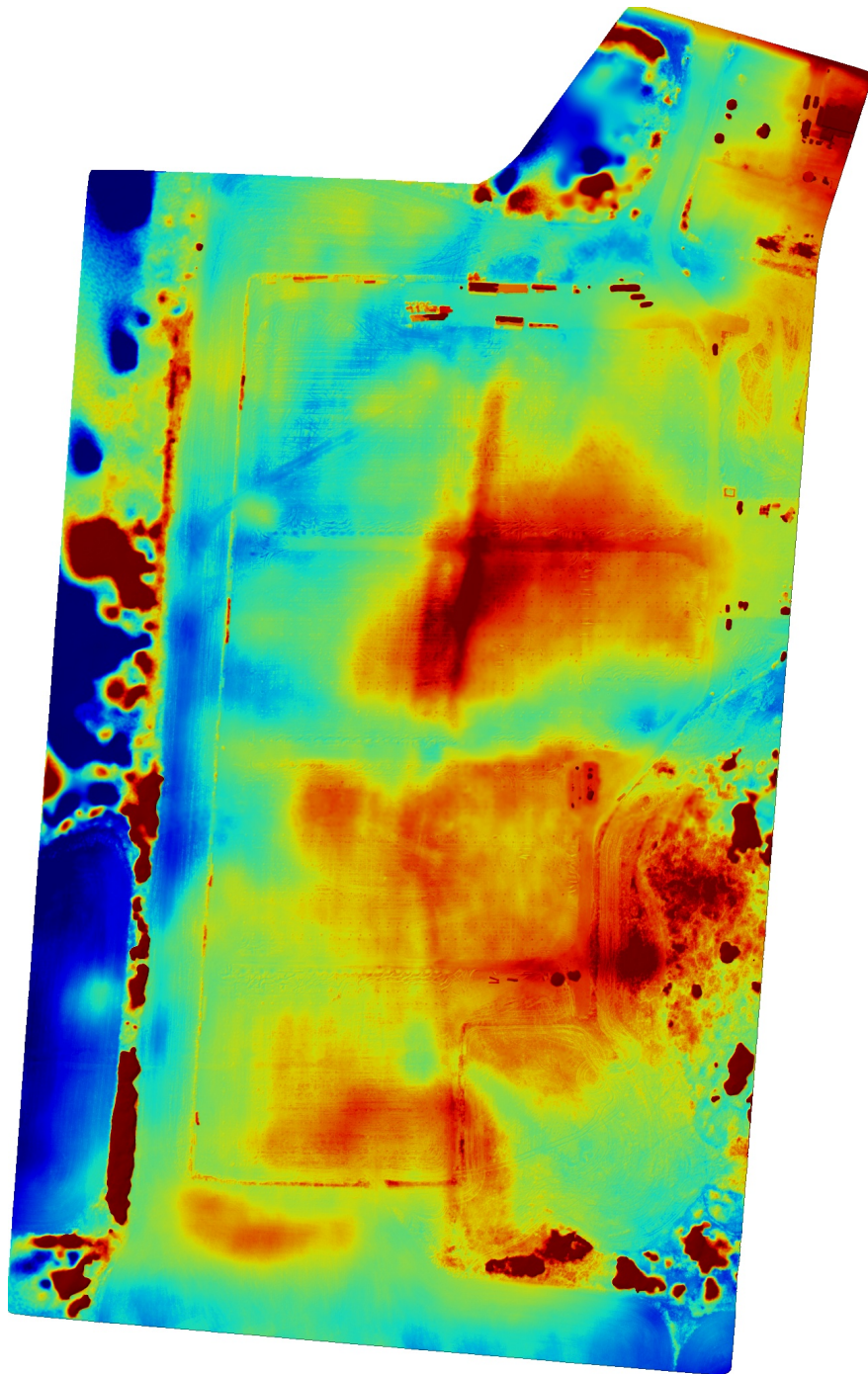
Project Name	Adams NY - 100ft Adams NY Ortho
Photogrammetry Engine	DroneDeploy Proprietary
Date Of Capture	Nov 21, 2020
Date Processed	Nov 22, 2020
Processing Mode	Standard
GSD Orthomosaic (GSD DEM)	0.32in/px (DEM 1.27in/px)
Area Bounds (Coverage)	1577199.00ft ² (105%)
Image Sensors	DJI - FC6310S

Quality & Accuracy Summary ⓘ

Image Quality	High texture images
Median Shutter Speed	Low shutter speed 1/40 - motion blur likely.
Processing Mode	[Standard Mode - Designed to produce the best photogrammetry output based on the input imagery. Include predominantly nadir imagery for most efficient mapping of large fields and crops, natural open terrain, and generating topographical maps. Entirely nadir collects are not recommended for reconstructing the sides of buildings, overhangs, or complex equipment. Include horizontal and oblique imagery to optimize processing for high resolution 3D reconstruction of buildings, pipework & conveyors.]
Images Uploaded (Aligned %)	1436 (93%)
Camera Optimization	0.01% variation from reference intrinsics

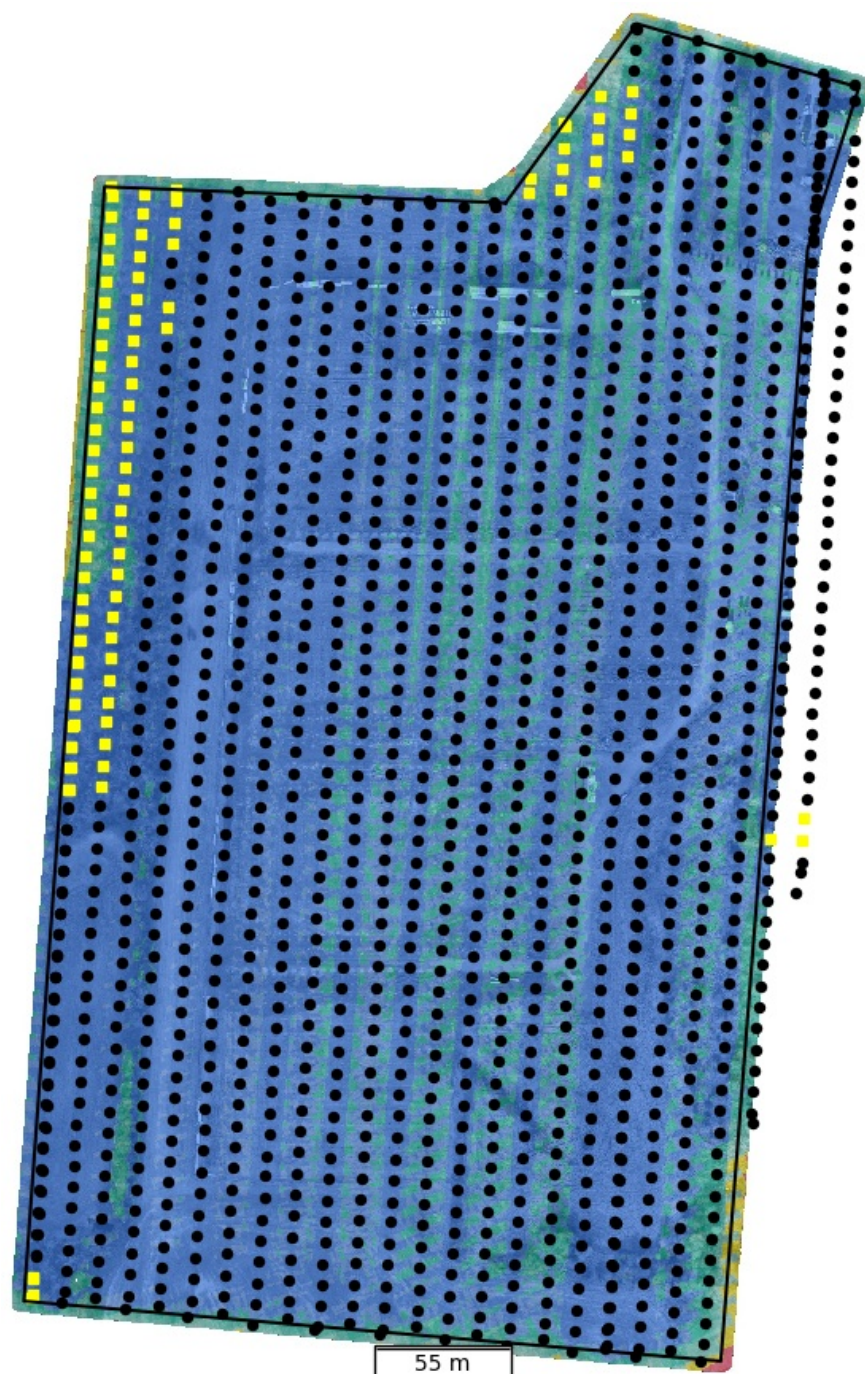
Preview ⓘ



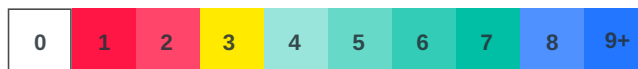


Dataset Quality Review ⓘ

Orthomosaic Coverage ⓘ



— ROI
 ● Aligned
 ■ GPS Aligned



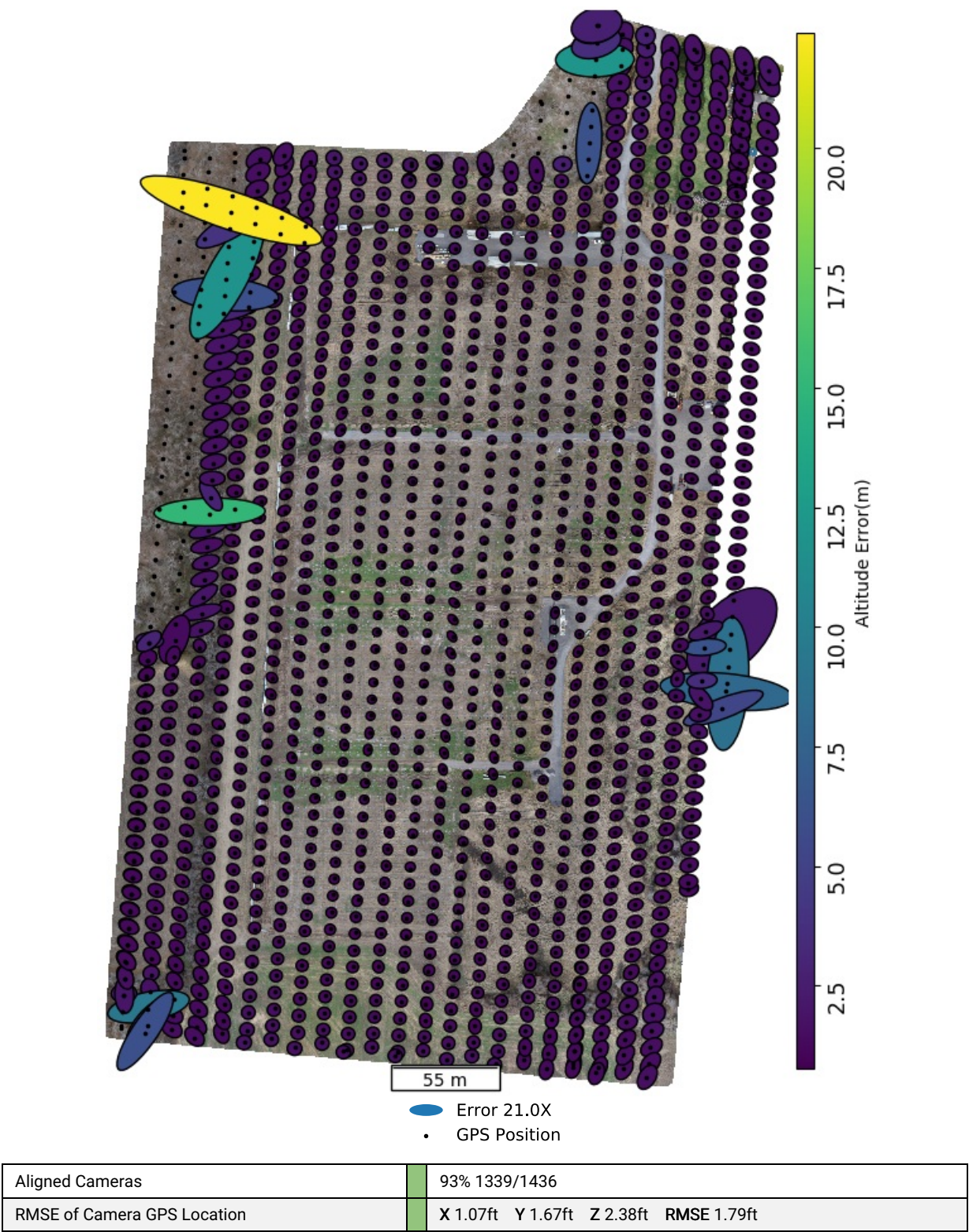
Insufficient coverage, expect large holes in the map, and low accuracy.

Marginal coverage, expect distortion or holes on buildings or sharp edges, and lower accuracy measurements.

Good coverage, expect a high quality reconstruction

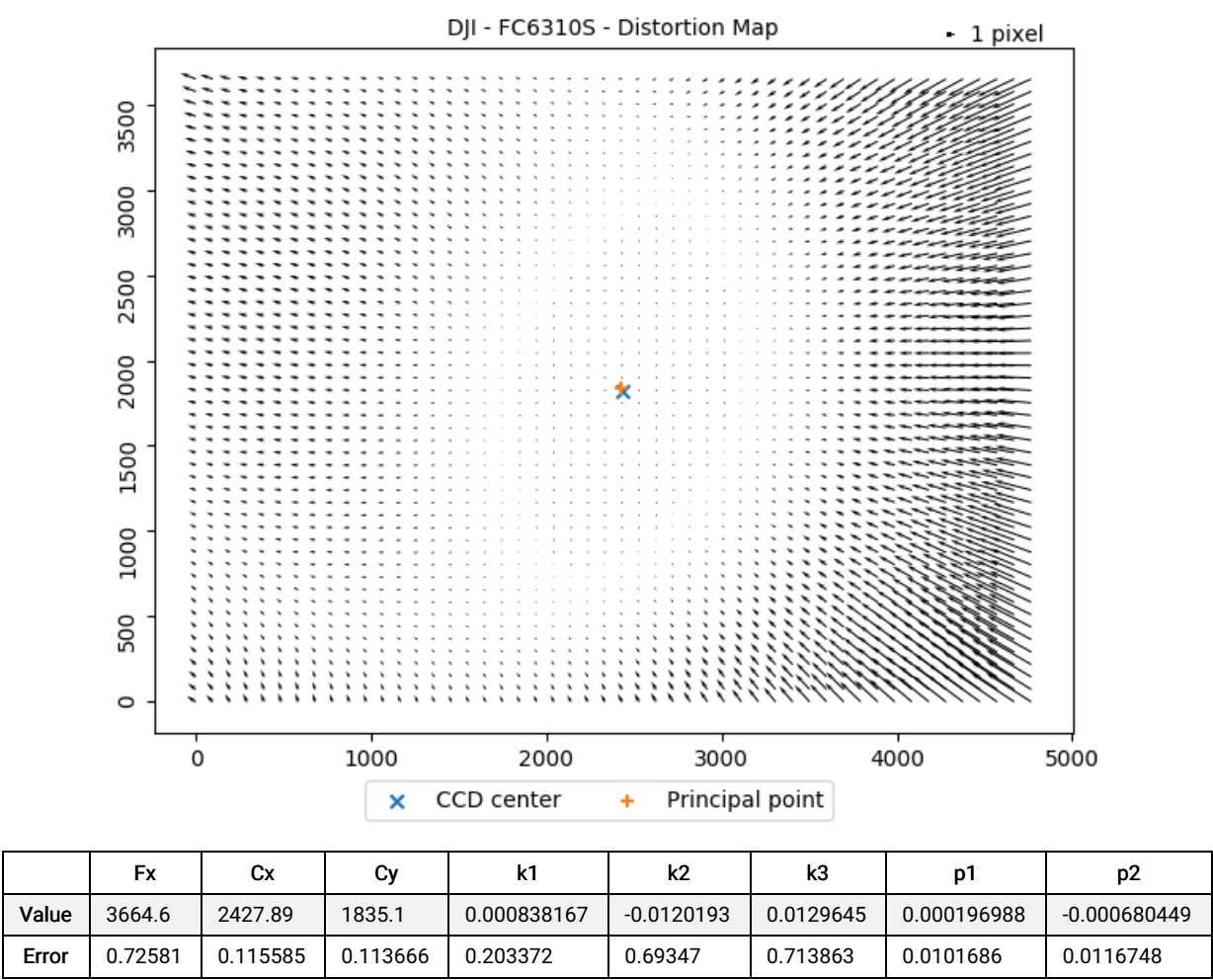
Sensor(s) Used		DJI - FC6310S
Image Count (by sensor)		1436
Image Resolution		4864x3648 (~18MP)
Orthomosaic coverage (% of area of interest)		105.57
Average Orthomosaic Image Density within Structured Area		9 images/pixel
Median Shutter Speed		Low shutter speed 1/40 - motion blur likely.

Structure from Motion *i*

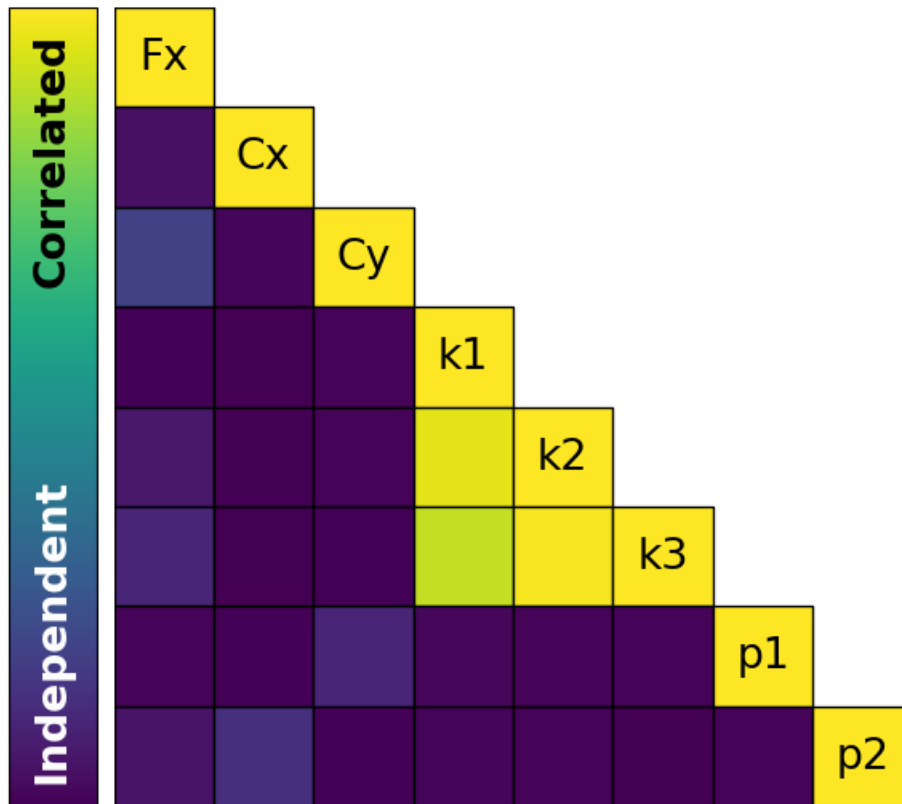


Camera Calibration *i*

DJI - FC6310S



	Fx	Cx	Cy	k1	k2	k3	p1	p2
Value	3664.6	2427.89	1835.1	0.000838167	-0.0120193	0.0129645	0.000196988	-0.000680449
Error	0.72581	0.115585	0.113666	0.203372	0.69347	0.713863	0.0101686	0.0116748



Densification and Meshing (i)

Processing Mode		[Standard Mode - Designed to produce the best photogrammetry output based on the input imagery. Include predominantly nadir imagery for most efficient mapping of large fields and crops, natural open terrain, and generating topographical maps. Entirely nadir collects are not recommended for reconstructing the sides of buildings, overhangs, or complex equipment. Include horizontal and oblique imagery to optimize processing for high resolution 3D reconstruction of buildings, pipework & conveyors.]
Processing Mode Quality		High
Nadir Images		100% Include oblique or horizontal images to improve reconstructions of man-made structures.
Oblique images		0%
Horizontal images		0%
Total Points		5.0 million
Point Cloud Density		3.02 points/ft ²
Mesh Triangles		3.9 million

Digital Elevation Model ⓘ

Mode	Generated from Mesh
DEM GSD	DEM 1.27in/px
Relative/Absolute	Absolute Altitude

