



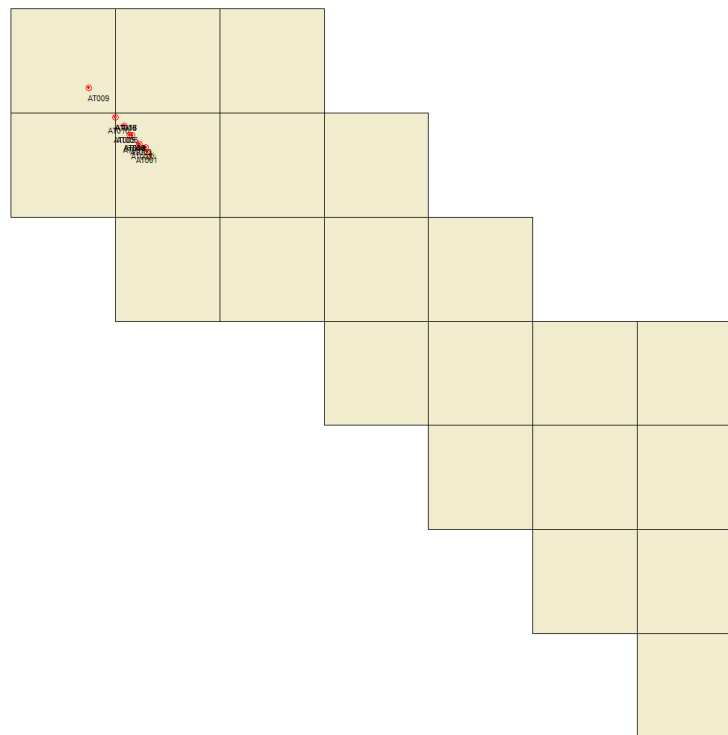
## Project Information

Prepared By: Quantum Spatial  
Project Name: NOAA AK Ports Imagery - AK2005 - Kivalina  
Sensor Info: UCE\_M3\_14123-f100  
Sensor Resolution: 0.25  
Vendor Name: Vexcel  
Date of Aquisition:    Start: 9/23/2020    Finish: 9/23/2020

## Metadata Information

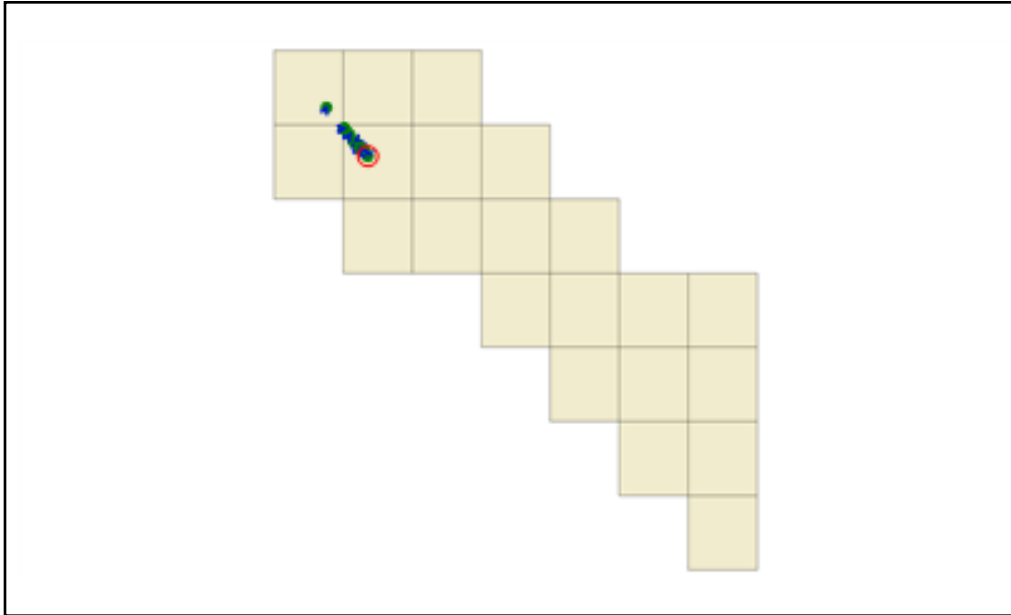
Index File Name:    CBTile\_Index\_Kivalina.shp  
# of Polygons: 21  
# of Matching Images: 21  
Polygon ID: NAME  
Units: Meters  
Image Folder Path:    O:\37470\_NOAA\_AK\_Ports\Mosaics\Kivalina\Processed  
Threshold: CE90: 0.136  
Scaling Used: 1:300

## Tiled-Image Area



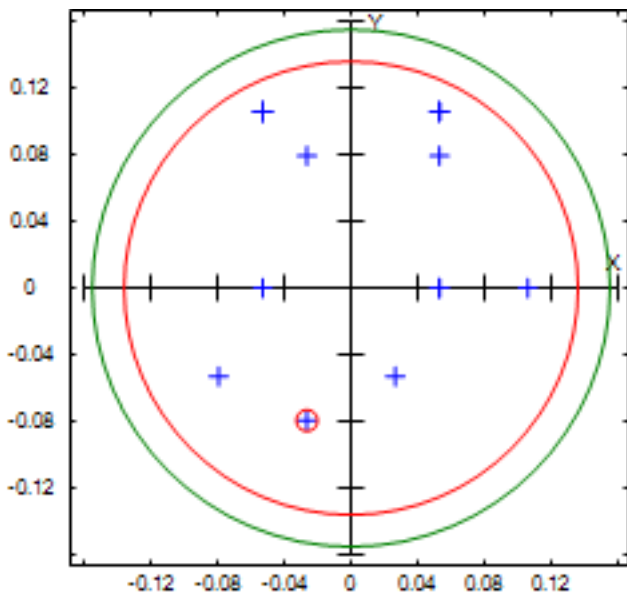


## Vector Offset



Scaling Factor: 200

## Circular Error



## Error Statistics

Min $\Delta X$ :	-0.079	CE 95:	0.155
Min $\Delta Y$ :	-0.079	Skew $\Delta X$ :	0.124
Max $\Delta X$ :	0.106	Skew $\Delta Y$ :	-0.569
Max $\Delta Y$ :	0.106	Horiz. Bias:	0.045
Mean $\Delta X$ :	0.003	SRMSE H:	0.016
Mean $\Delta Y$ :	0.045	CI:	0.031
RmseX:	0.056		
RmseY:	0.08		
RmseH:	0.098		
NSSDA:	0.169		
No. Obs.:	16		
SX:	0.058		
SY:	0.069		
SH:	0.063		
CE 90:	0.136		



## Coordinates and Offsets of Analyzed Locations

#		ID		Description				
		Survey X	Survey Y	Survey Z	Photo X	Photo Y	ΔX	ΔY
1	<input checked="" type="checkbox"/>	AT001		PAT_COR_PAD				
		519127.271	7512893.466	4.789	519127.245	7512893.387	-0.026	-0.079
2	<input checked="" type="checkbox"/>	AT002		TAT_CROSS				
		518929.336	7513078.766	3.838	518929.362	7513078.713	0.026	-0.053
3	<input checked="" type="checkbox"/>	AT003		TAT_CROSS				
		518874.114	7513286.081	1.427	518874.061	7513286.187	-0.053	0.106
4	<input checked="" type="checkbox"/>	AT004		TAT_RECTANGLE				
		518573.306	7513482.638	1.796	518573.253	7513482.638	-0.053	0.000
5	<input checked="" type="checkbox"/>	AT005		TAT_CROSS				
		518094.422	7513867.384	4.278	518094.396	7513867.463	-0.026	0.079
6	<input checked="" type="checkbox"/>	AT006		TAT_CROSS				
		518221.666	7513869.689	1.612	518221.587	7513869.636	-0.079	-0.053
7	<input checked="" type="checkbox"/>	AT007		TAT_CROSS				
		518525.751	7513377.652	4.049	518525.857	7513377.652	0.106	0.000
8	<input checked="" type="checkbox"/>	AT008		TAT_RECTANGLE				
		517428.545	7514734.991	1.774	517428.492	7514735.097	-0.053	0.106
9	<input checked="" type="checkbox"/>	AT009		TAT_CROSS				
		516133.027	7516158.007	2.535	516133.080	7516158.113	0.053	0.106
10	<input checked="" type="checkbox"/>	AT010		TAT_CROSS				
		517817.081	7514323.673	2.248	517817.134	7514323.752	0.053	0.079
11	<input checked="" type="checkbox"/>	AT012		TAT_RECTANGLE				
		518574.334	7513482.434	1.762	518574.387	7513482.540	0.053	0.106
12	<input checked="" type="checkbox"/>	AT013		TAT_RECTANGLE				
		518574.436	7513482.916	1.764	518574.489	7513483.022	0.053	0.106
13	<input checked="" type="checkbox"/>	AT014		TAT_RECTANGLE				
		518573.407	7513483.128	1.796	518573.354	7513483.234	-0.053	0.106
14	<input checked="" type="checkbox"/>	AT015		TAT_RECTANGLE				
		517428.241	7514734.741	1.773	517428.188	7514734.847	-0.053	0.106



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## Coordinates and Offsets of Analyzed Locations

#		ID		Description				
		Survey X	Survey Y	Survey Z	Photo X	Photo Y	$\Delta X$	$\Delta Y$
15	<input checked="" type="checkbox"/>	AT016		TAT_RECTANGLE				
		517427.505	7514735.601	1.769	517427.558	7514735.601	0.053	0.000
16	<input checked="" type="checkbox"/>	AT017		TAT_RECTANGLE				
		517427.799	7514735.851	1.763	517427.852	7514735.851	0.053	0.000



**Point AT001:**

X1: 519127.271 Y1: 7512893.466 Z1: 4.789 X2: 519127.245 Y2: 7512893.387 ΔX: -0.026 ΔY: -0.079  
Description: **FAT\_CRRSBAD**



**Point AT002:**

X1: 518929.336 Y1: 7513078.766 Z1: 3.838 X2: 518929.362 Y2: 7513078.713 ΔX: 0.026 ΔY: -0.053





**Point AT003:**

X1: 518874.114 Y1: 7513286.081 Z1: 1.427 X2: 518874.061 Y2: 7513286.187 ΔX: -0.053 ΔY: 0.106  
Description: TAT\_RROSSANGLE



**Point AT004:**

X1: 518573.306 Y1: 7513482.638 Z1: 1.796 X2: 518573.253 Y2: 7513482.638 ΔX: -0.053 ΔY: 0





**Point AT005:**

X1: 518094.422 Y1: 7513867.384 Z1: 4.278 X2: 518094.396 Y2: 7513867.463 ΔX: -0.026 ΔY: 0.079  
Description: TAT\_CROSS



**Point AT006:**

X1: 518221.666 Y1: 7513869.689 Z1: 1.612 X2: 518221.587 Y2: 7513869.636 ΔX: -0.079 ΔY: -0.053





**Point AT007:**

X1: 518525.751 Y1: 7513377.652 Z1: 4.049 X2: 518525.857 Y2: 7513377.652 ΔX: 0.106 ΔY: 0  
Description: TAT\_RROSSANGLE



**Point AT008:**

X1: 517428.545 Y1: 7514734.991 Z1: 1.774 X2: 517428.492 Y2: 7514735.097 ΔX: -0.053 ΔY: 0.106







**Point AT009:**

X1: 516133.027 Y1: 7516158.007 Z1: 2.535 X2: 516133.08 Y2: 7516158.113 ΔX: 0.053 ΔY: 0.106  
Description: TAT\_CROSS



**Point AT010:**

X1: 517817.081 Y1: 7514323.673 Z1: 2.248 X2: 517817.134 Y2: 7514323.752 ΔX: 0.053 ΔY: 0.079





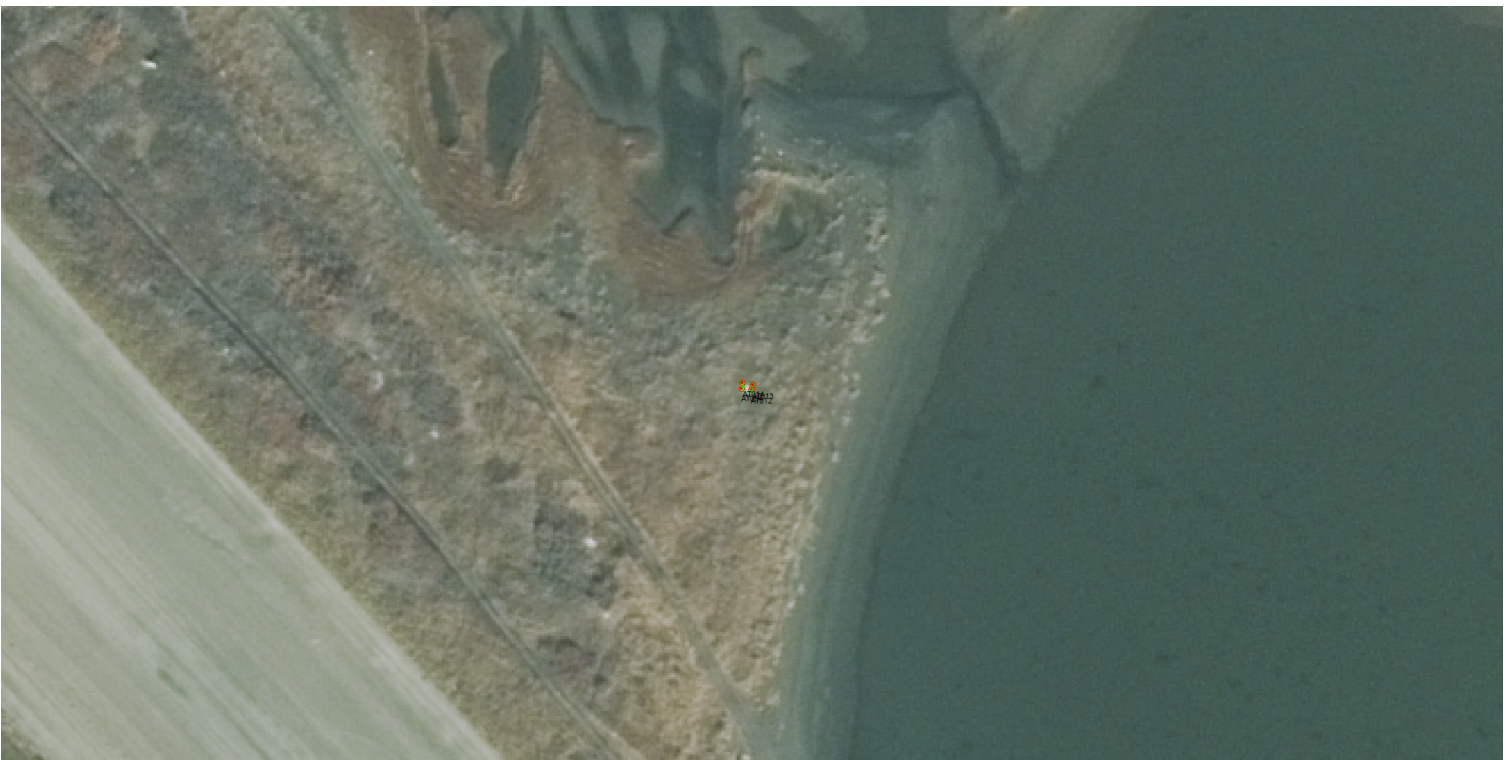
**Point AT012:**

X1: 518574.334 Y1: 7513482.434 Z1: 1.762 X2: 518574.387 Y2: 7513482.54 ΔX: 0.053 ΔY: 0.106  
Description: TAT\_RECTANGLE



**Point AT013:**

X1: 518574.436 Y1: 7513482.916 Z1: 1.764 X2: 518574.489 Y2: 7513483.022 ΔX: 0.053 ΔY: 0.106





**Point AT014:**

X1: 518573.407 Y1: 7513483.128 Z1: 1.796 X2: 518573.354 Y2: 7513483.234 ΔX: -0.053 ΔY: 0.106  
Description: TAT\_RECTANGLE



**Point AT015:**

X1: 517428.241 Y1: 7514734.741 Z1: 1.773 X2: 517428.188 Y2: 7514734.847 ΔX: -0.053 ΔY: 0.106





**Point AT016:**

X1: 517427.505 Y1: 7514735.601 Z1: 1.769 X2: 517427.558 Y2: 7514735.601 ΔX: 0.053 ΔY: 0  
Description: TAT\_RECTANGLE



**Point AT017:**

X1: 517427.799 Y1: 7514735.851 Z1: 1.763 X2: 517427.852 Y2: 7514735.851 ΔX: 0.053 ΔY: 0

