

Processing Performance Report
Vulcan_z117_mapping_20250716_mmw_20250716

July 22, 2025, 4:08 pm UTC



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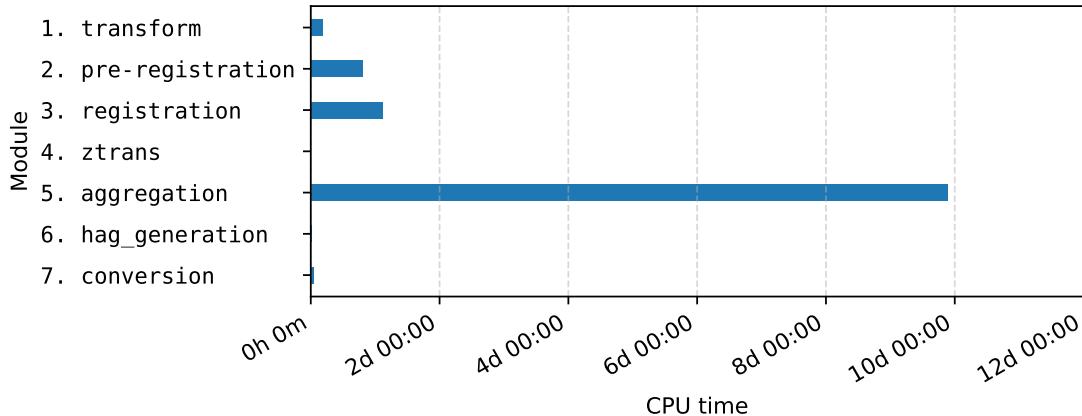
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Overview

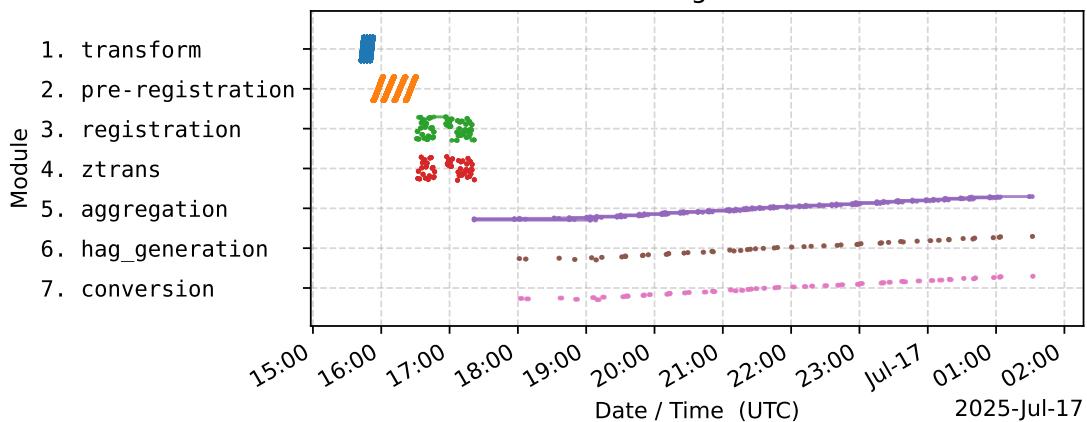
Processing

Processing runs	631
Total CPU time	12d 01:30:17
Start time	July 16, 2025, 7:42 pm UTC
End time	July 17, 2025, 5:32 am UTC
Elapsed time	9h 50m 11s

CPU time per processing module



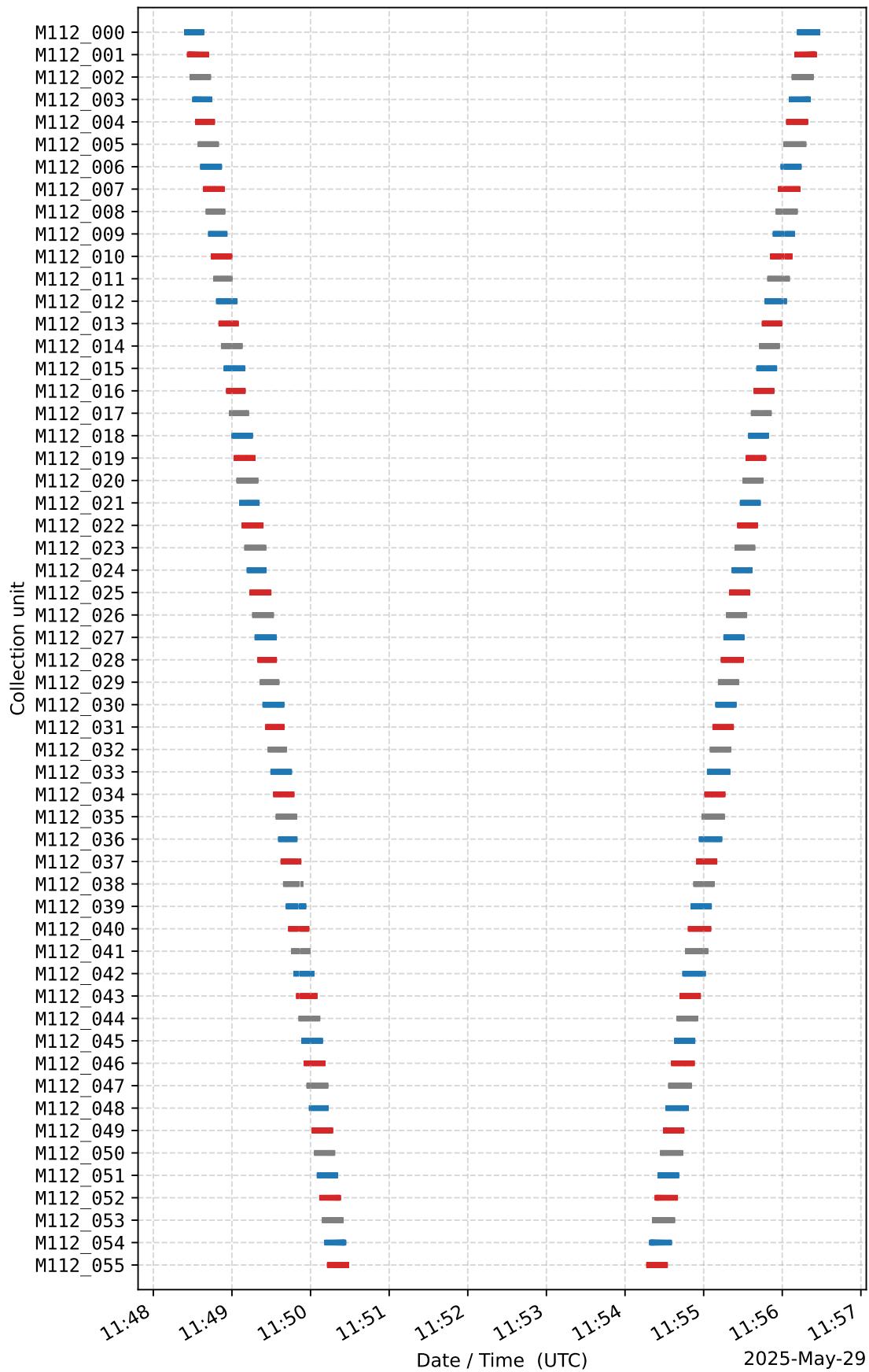
Processing Timeline

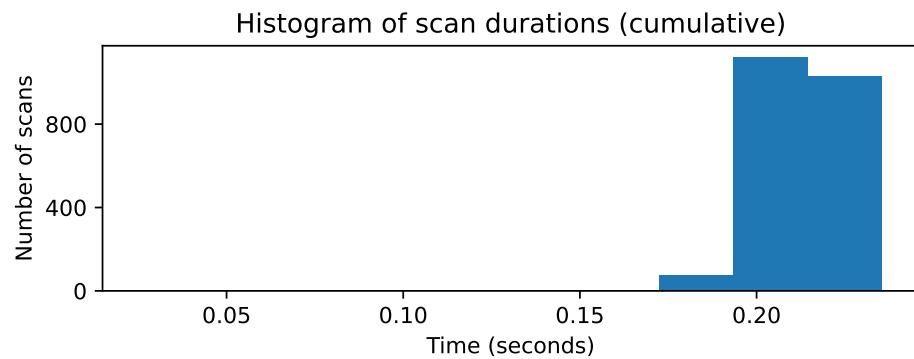


(In the above plot, the individual threads within each processing module represent collection units.)

Scans

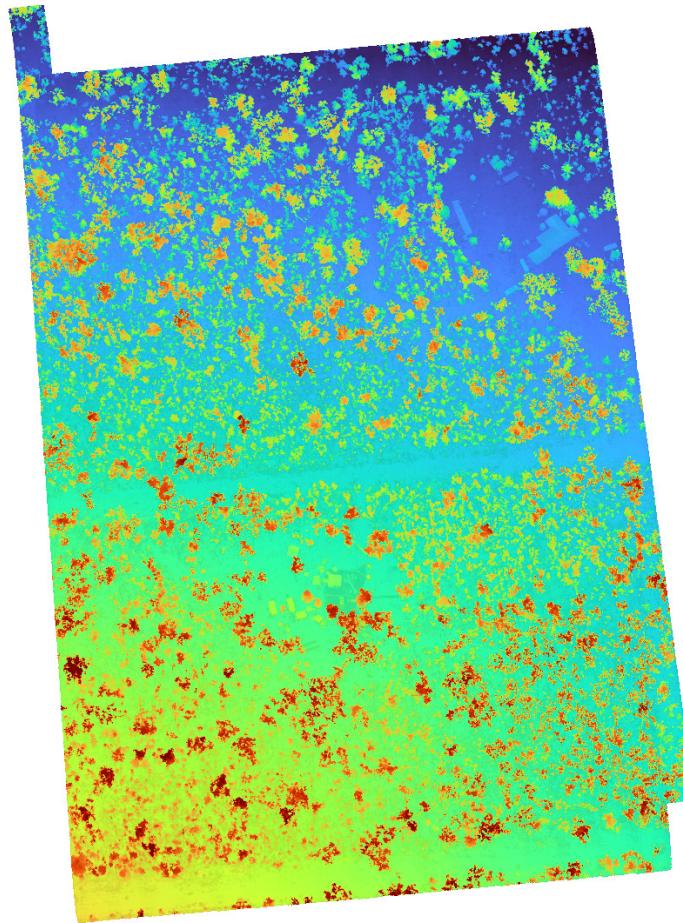
	M112_000, M112_001, M112_002, M112_003, M112_004, M112_005, M112_006, M112_007, M112_008, M112_009, M112_010, M112_011, M112_012, M112_013, M112_014, M112_015, M112_016, M112_017, M112_018, M112_019, M112_020, M112_021, M112_022, M112_023, M112_024, M112_025, M112_026, M112_027, M112_028, M112_029, M112_030, M112_031, M112_032, M112_033, M112_034, M112_035, M112_036, M112_037, M112_038, M112_039, M112_040, M112_041, M112_042, M112_043, M112_044, M112_045, M112_046, M112_047, M112_048, M112_049, M112_050, M112_051, M112_052, M112_053, M112_054, M112_055
Collection units	
Number of scans	2,228
Number of scans kept	1,537
Percent of scans kept	69.0%
Total detections	44,045,593,544
Percent of detections used	70.5%
Scanning start time	2025-05-29 11:48:24 UTC
Scanning end time	2025-05-29 11:56:27 UTC
Scanning time elapsed	0h 7m 54s





M112_000

Area collected

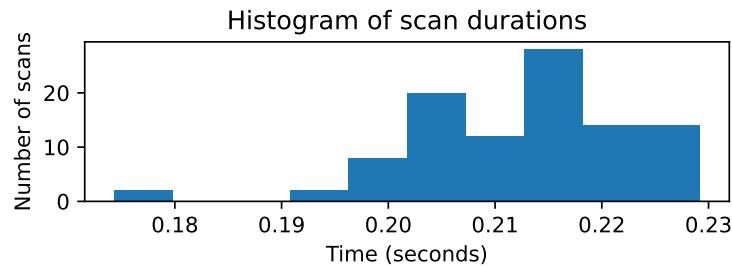


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_000_scan00572

Total area scanned NOT FOUND acres

Scanning

Number of scans	100
Total detections	1,947,269,306
Scanning start time	2025-05-29 11:48:24 UTC
Scanning end time	2025-05-29 11:56:27 UTC
Scanning time elapsed	21.231400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	94
Percent of scans kept	94.0%
Detections kept	1,829,556,946
Percent of detections kept	94.0%
Mean density	NOT FOUND points/meter ³

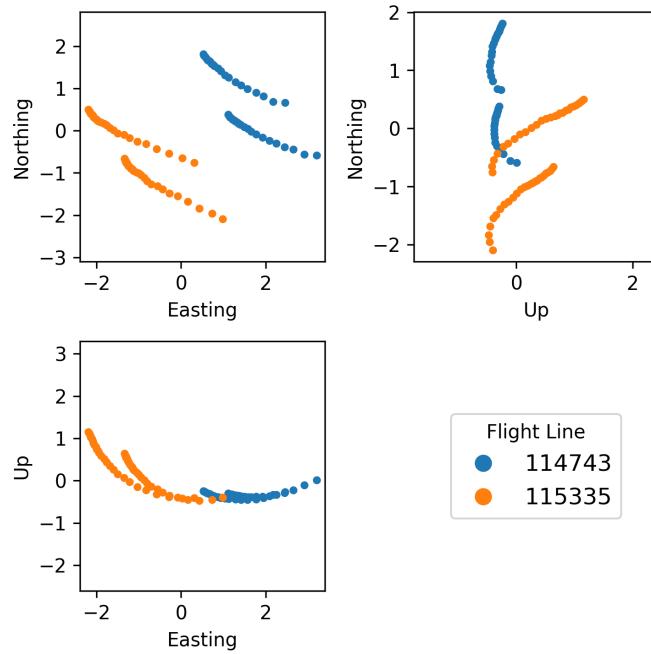
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_000_scan00076	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_000_scan00083	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_000_scan00076	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_000_scan00083	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_000.scan00541	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_000.scan00541	Inconsistent registration

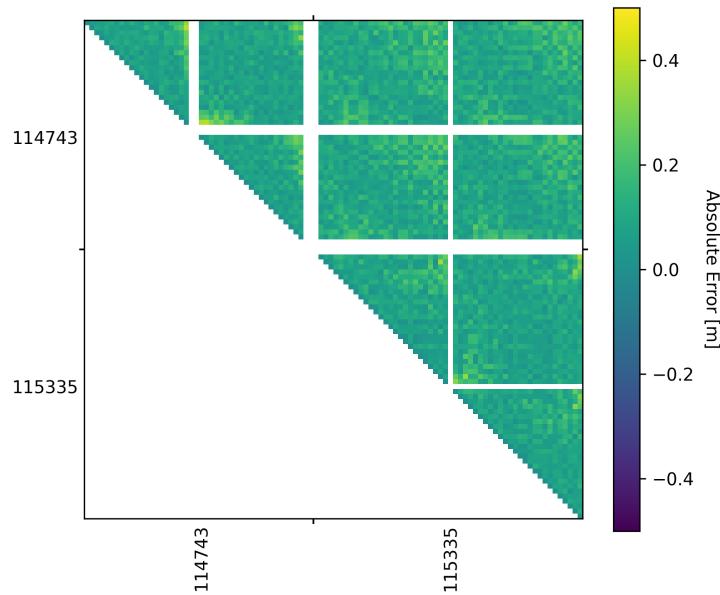
Registration

Number of pairwise registrations	4,950
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

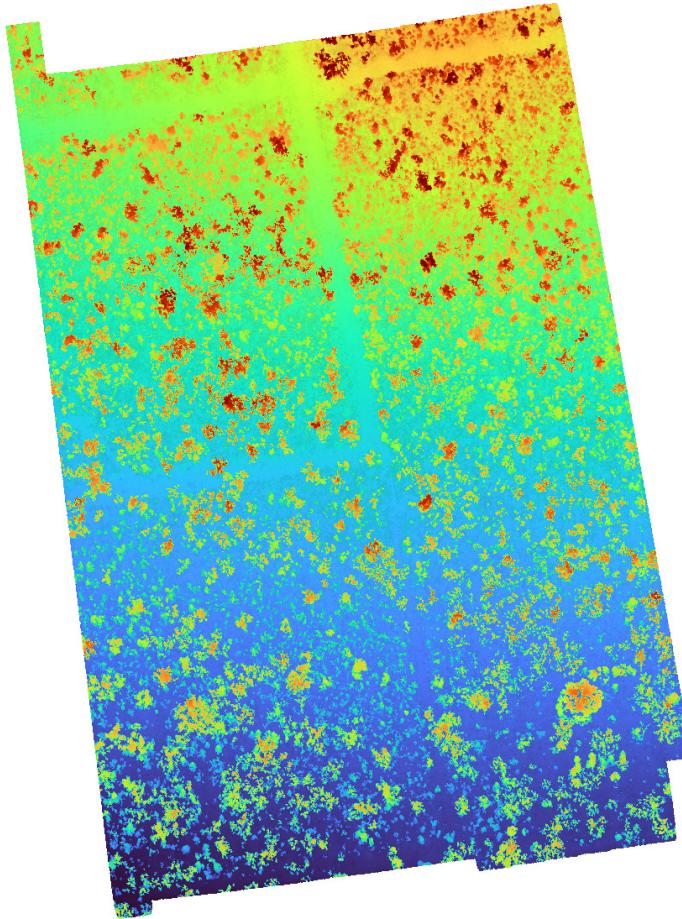


Differences between pairwise and global registrations



M112_001

Area collected

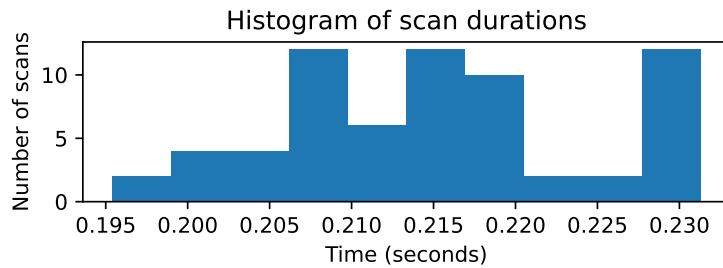


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_001_scan00066

Total area scanned NOT FOUND acres

Scanning

Number of scans	66
Total detections	1,315,469,256
Scanning start time	2025-05-29 11:48:26 UTC
Scanning end time	2025-05-29 11:56:25 UTC
Scanning time elapsed	14.204600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	60
Percent of scans kept	90.9%
Detections kept	1,207,751,706
Percent of detections kept	91.8%
Mean density	NOT FOUND points/meter ³

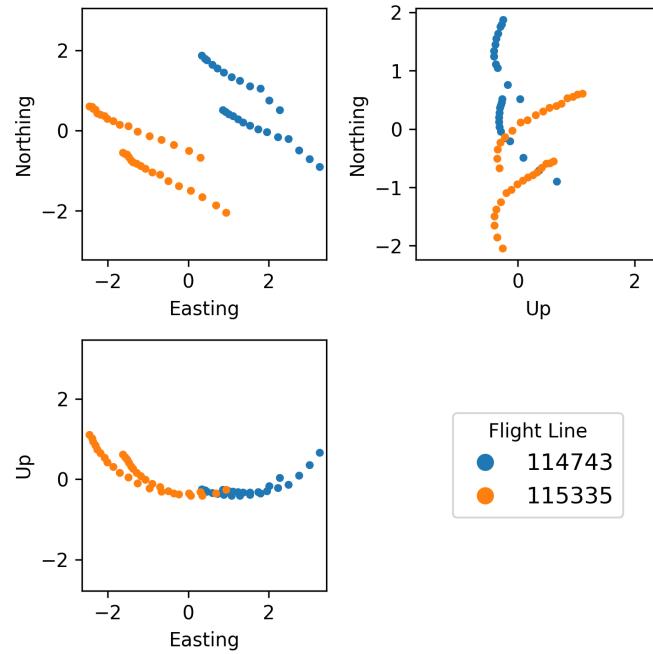
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_001_scan00036	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_001_scan00038	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_001_scan00091	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_001_scan00099	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_001_scan00036	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_001_scan00099	Inconsistent registration

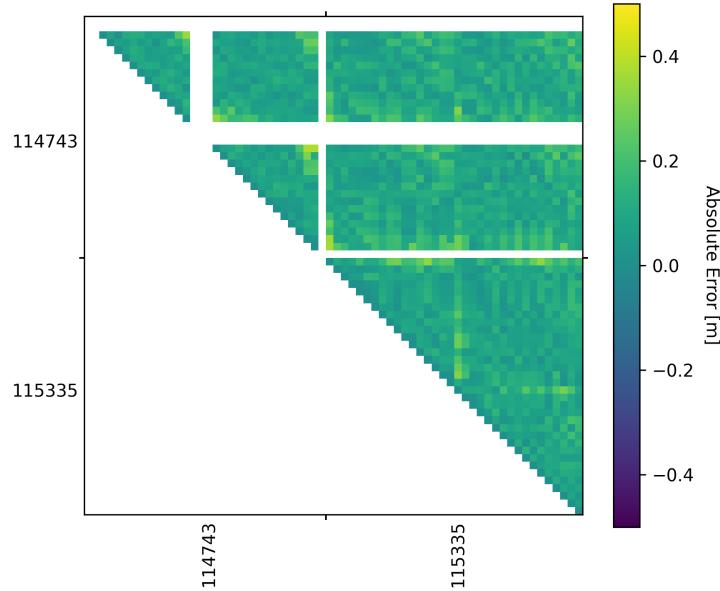
Registration

Number of pairwise registrations	2,145
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

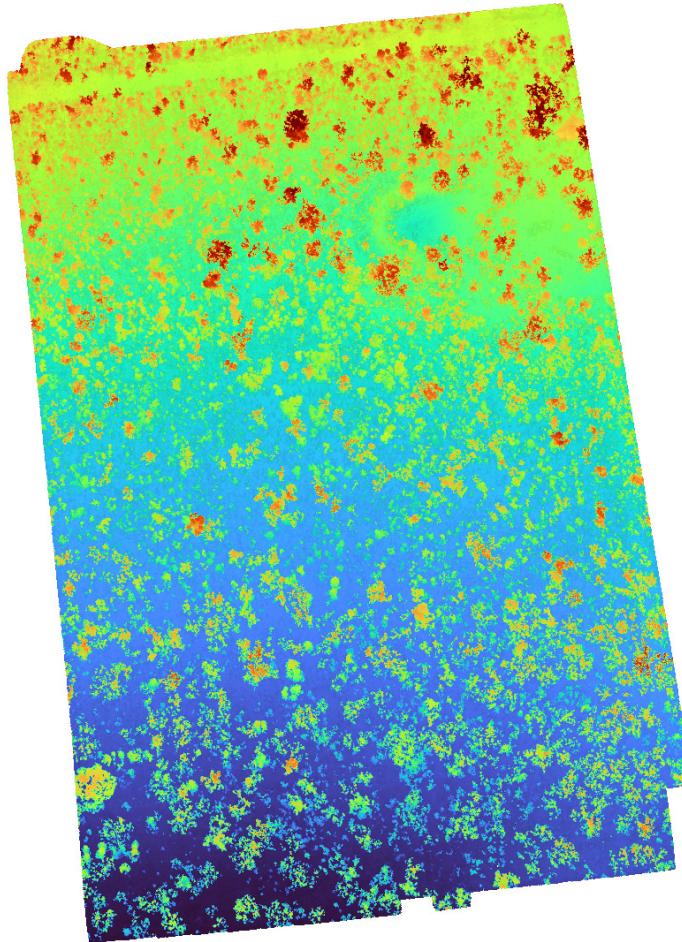


Differences between pairwise and global registrations



M112_002

Area collected

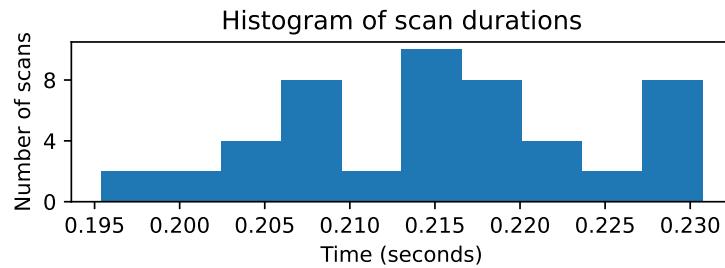


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_002_scan00075

Total area scanned NOT FOUND acres

Scanning

Number of scans	50
Total detections	1,008,557,163
Scanning start time	2025-05-29 11:48:28 UTC
Scanning end time	2025-05-29 11:56:22 UTC
Scanning time elapsed	10.768600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	46
Percent of scans kept	92.0%
Detections kept	931,444,584
Percent of detections kept	92.4%
Mean density	NOT FOUND points/meter ³

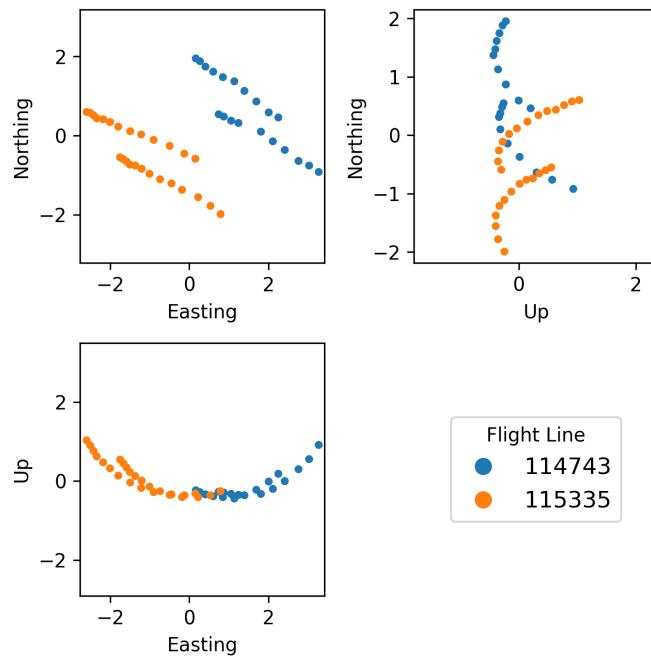
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_002_scan00045	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_002_scan00105	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_002_scan00045	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_002_scan00064	Inconsistent registration

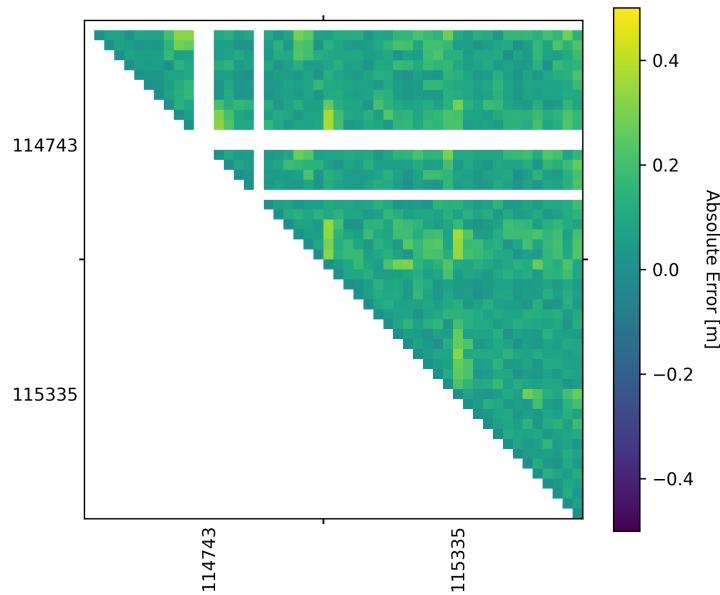
Registration

Number of pairwise registrations	1,225
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

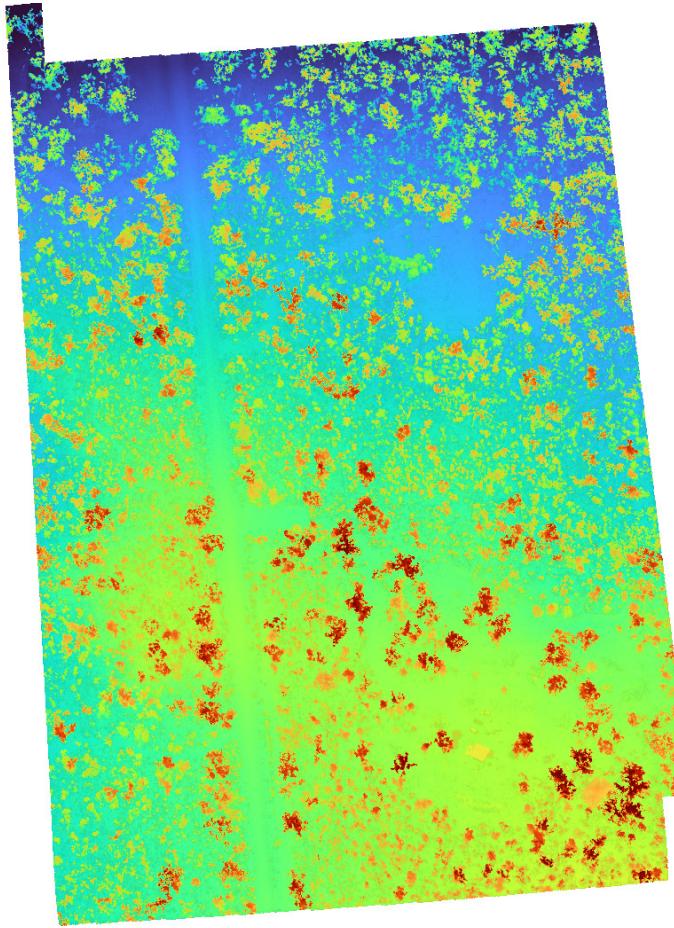


Differences between pairwise and global registrations



M112_003

Area collected

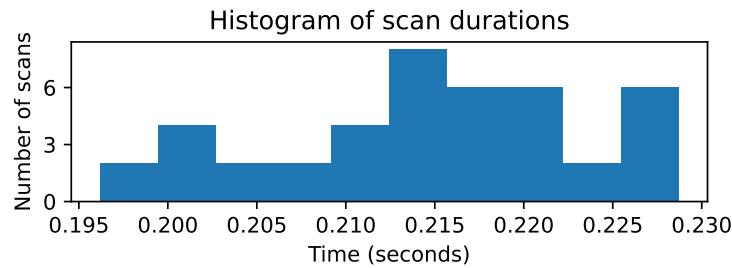


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_003_scan00545

Total area scanned NOT FOUND acres

Scanning

Number of scans	42
Total detections	855,796,014
Scanning start time	2025-05-29 11:48:30 UTC
Scanning end time	2025-05-29 11:56:20 UTC
Scanning time elapsed	9.013400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	40
Percent of scans kept	95.2%
Detections kept	815,646,647
Percent of detections kept	95.3%
Mean density	NOT FOUND points/meter ³

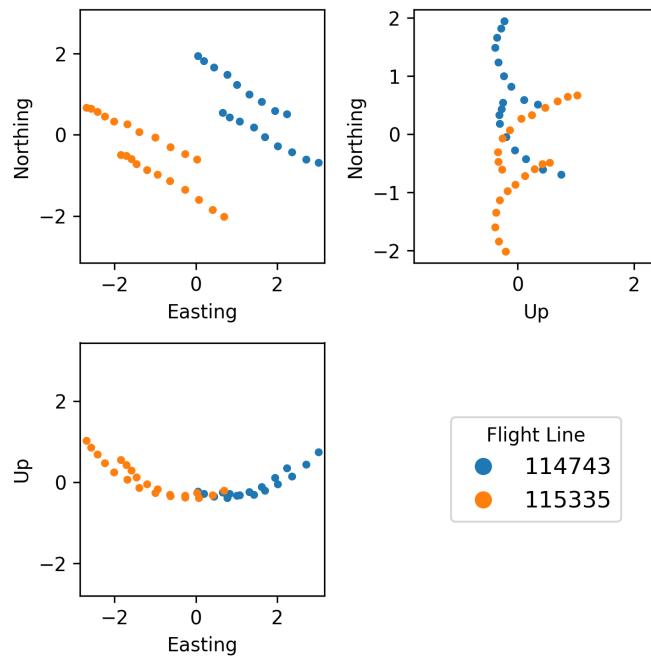
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_003_scan00054	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_003_scan00054	Inconsistent registration

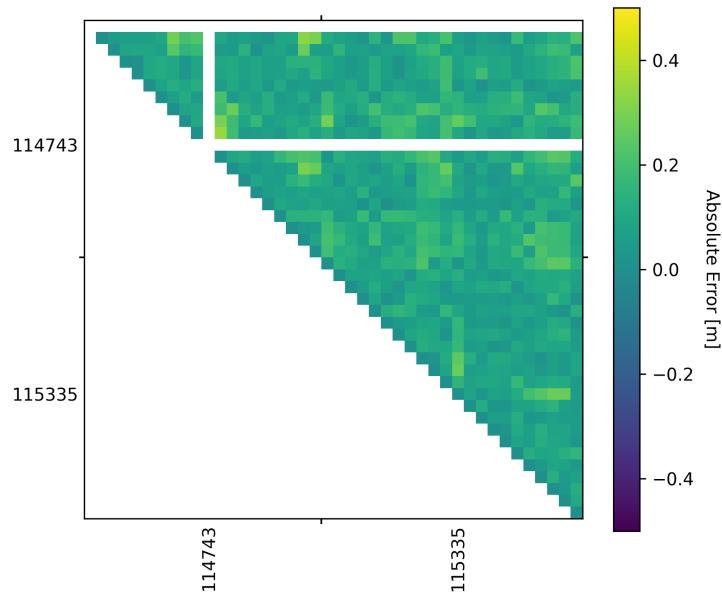
Registration

Number of pairwise registrations	861
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

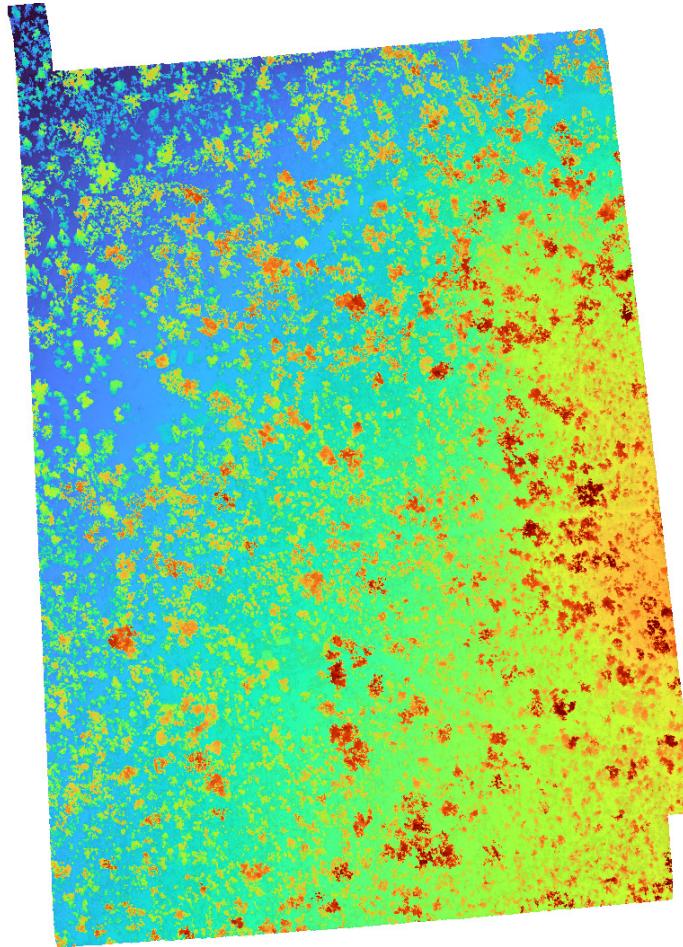


Differences between pairwise and global registrations



M112_004

Area collected

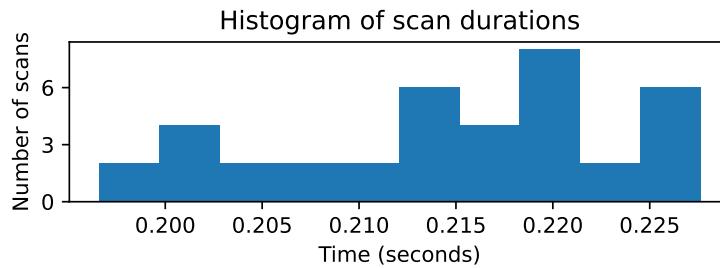


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_004_scan00536

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	763,190,611
Scanning start time	2025-05-29 11:48:32 UTC
Scanning end time	2025-05-29 11:56:18 UTC
Scanning time elapsed	8.160800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	86.8%
Detections kept	665,441,405
Percent of detections kept	87.2%
Mean density	NOT FOUND points/meter ³

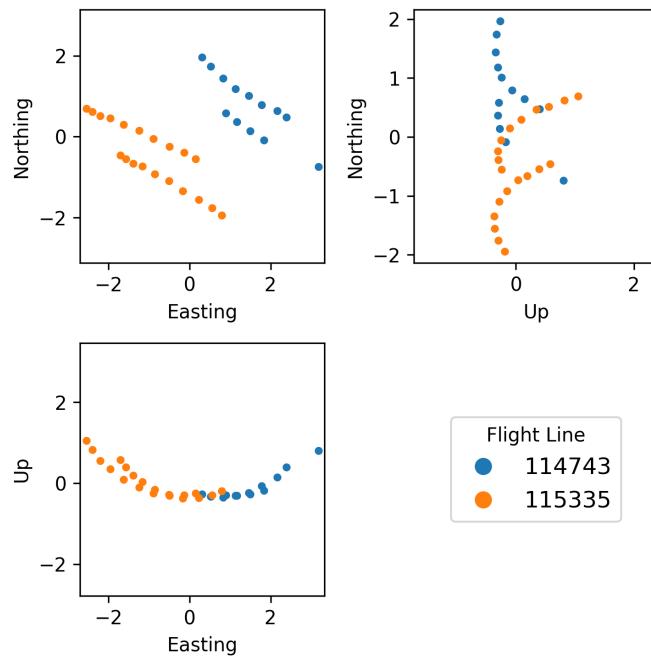
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_004_scan00063	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_004_scan00063	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_004_scan00095	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_004_scan0103	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_004_scan0111	Inconsistent registration

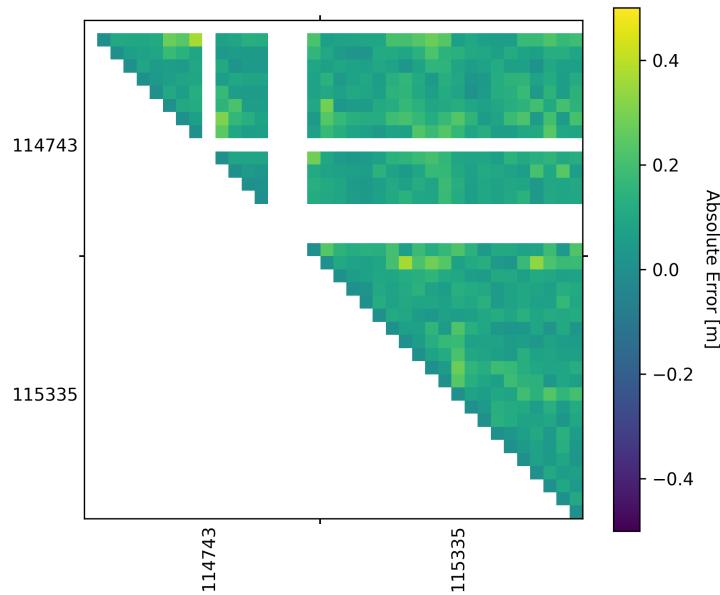
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

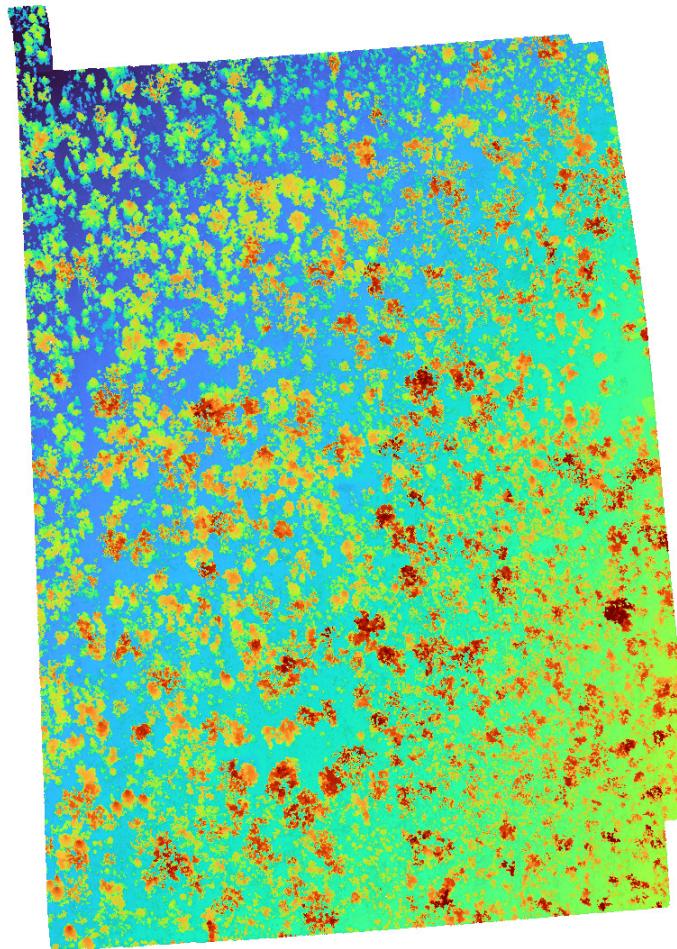


Differences between pairwise and global registrations



M112_005

Area collected

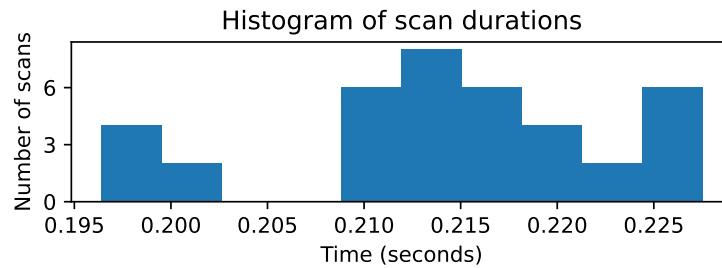


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_005_scan00527

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	748,803,646
Scanning start time	2025-05-29 11:48:35 UTC
Scanning end time	2025-05-29 11:56:17 UTC
Scanning time elapsed	8.127200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	32
Percent of scans kept	84.2%
Detections kept	635,717,985
Percent of detections kept	84.9%
Mean density	NOT FOUND points/meter ³

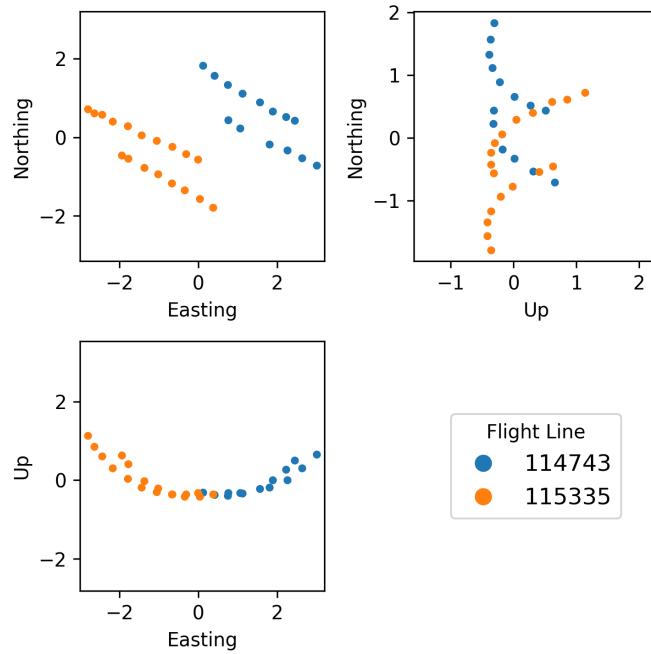
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_005_scan00072	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_005_scan00072	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_005_scan00092	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_005_scan00131	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_005_scan00495	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_005_scan00550	Inconsistent registration

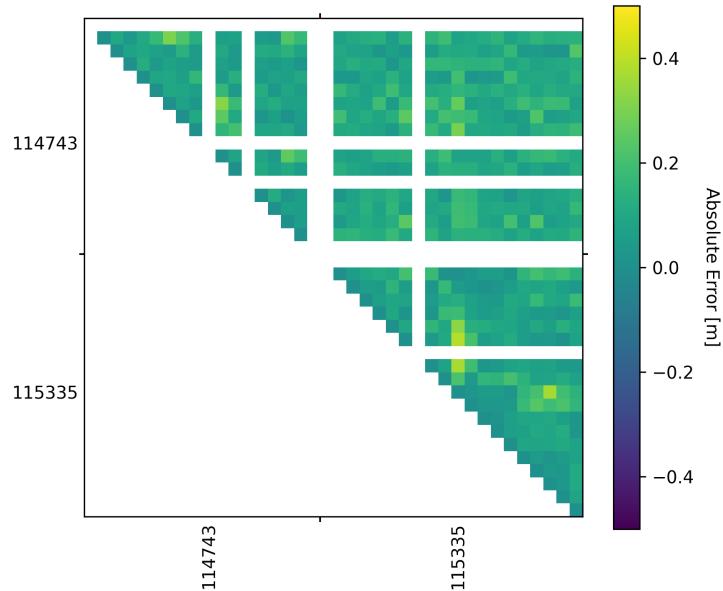
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

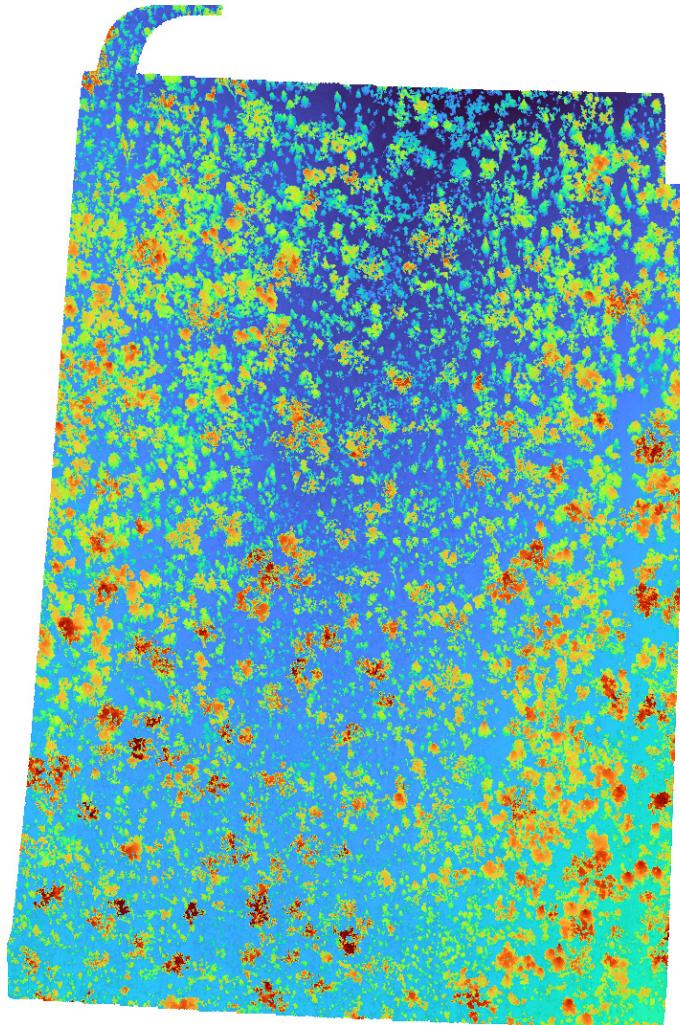


Differences between pairwise and global registrations



M112_006

Area collected

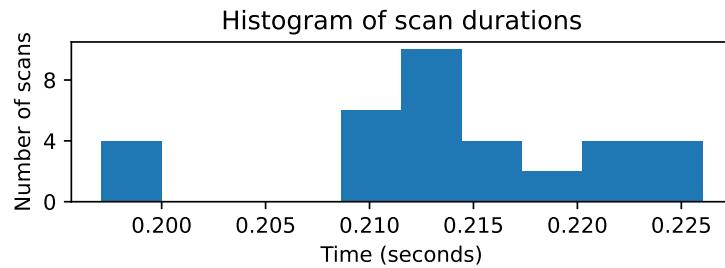


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_006_scan00522

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	660,224,301
Scanning start time	2025-05-29 11:48:36 UTC
Scanning end time	2025-05-29 11:56:13 UTC
Scanning time elapsed	7.274800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	26
Percent of scans kept	76.5%
Detections kept	524,005,766
Percent of detections kept	79.4%
Mean density	NOT FOUND points/meter ³

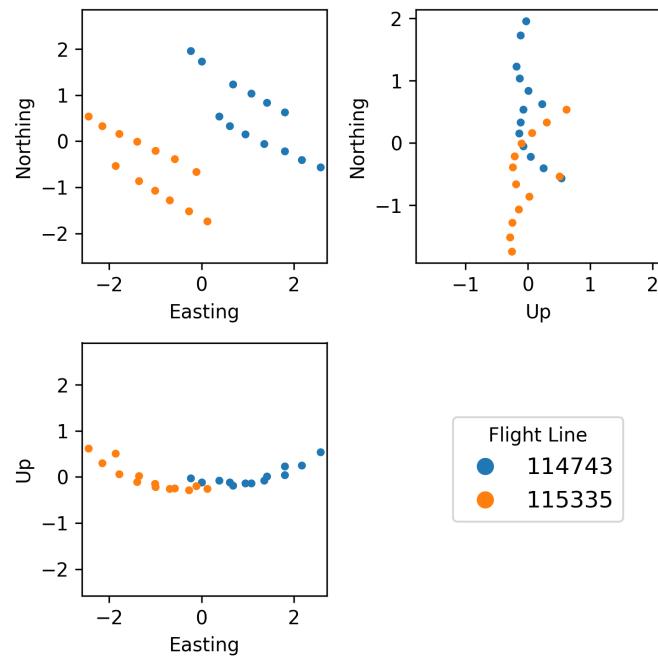
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_006_scan0094	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_006_scan00133	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_006_scan00141	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_006_scan00133	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_006.scan00141	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_006_scan00489	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_006_scan00538	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_006.scan00546	Inconsistent registration

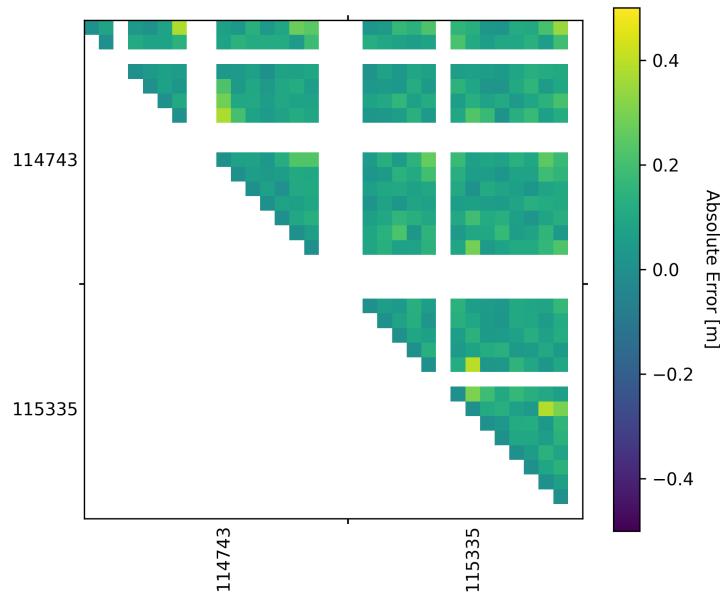
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

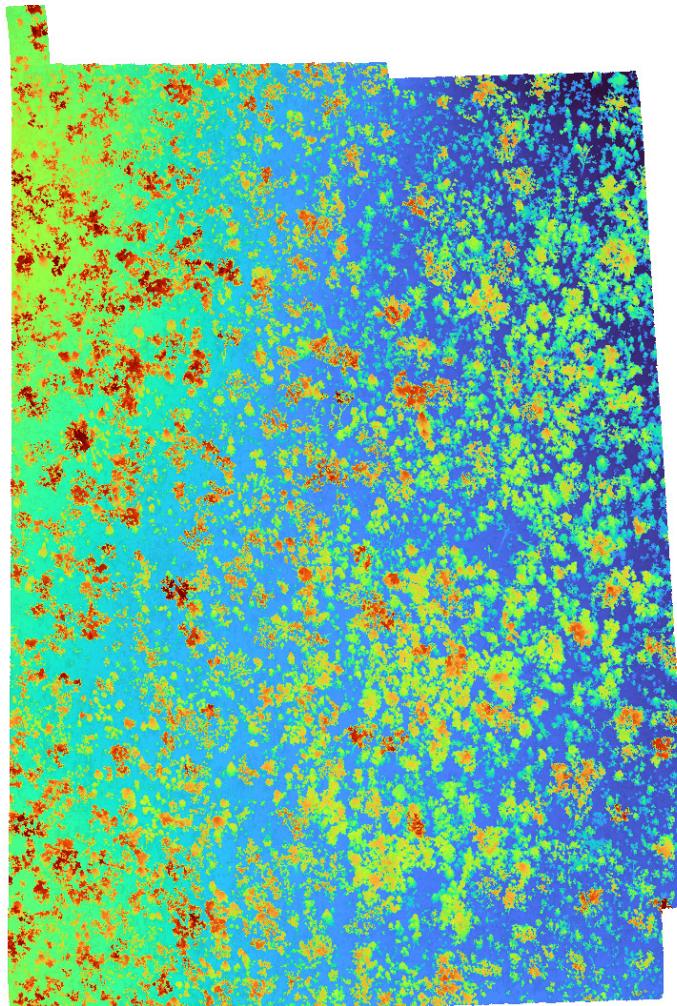


Differences between pairwise and global registrations



M112_007

Area collected

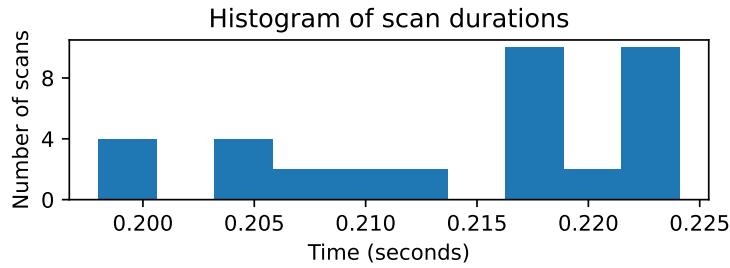


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_007_scan00510

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	706,401,438
Scanning start time	2025-05-29 11:48:38 UTC
Scanning end time	2025-05-29 11:56:12 UTC
Scanning time elapsed	7.709400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	28
Percent of scans kept	77.8%
Detections kept	575,574,114
Percent of detections kept	81.5%
Mean density	NOT FOUND points/meter ³

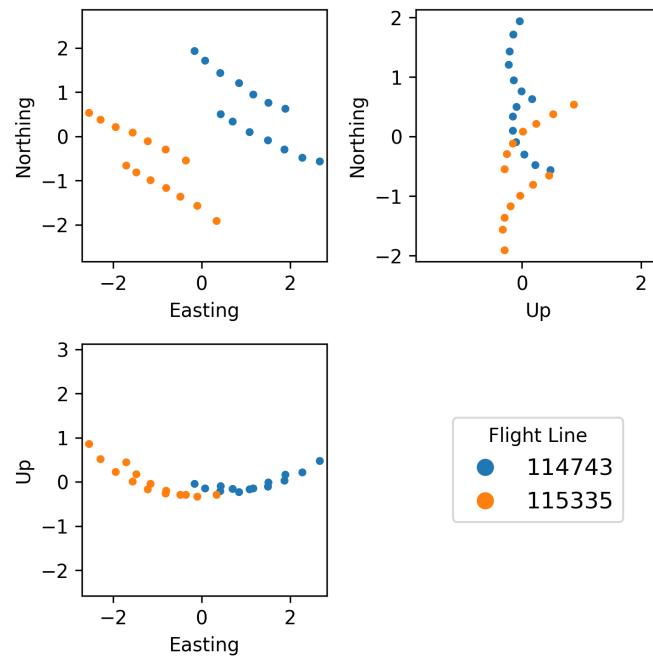
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_007_scan00142	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_007_scan00150	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_007_scan00142	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_007_scan00150	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_007_scan00480	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_007_scan00542	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_007_scan00480	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_007_scan00542	Inconsistent registration

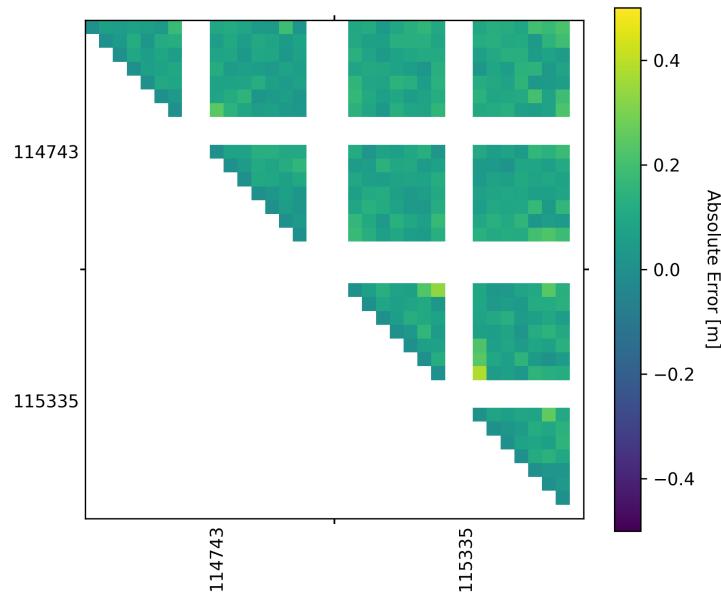
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

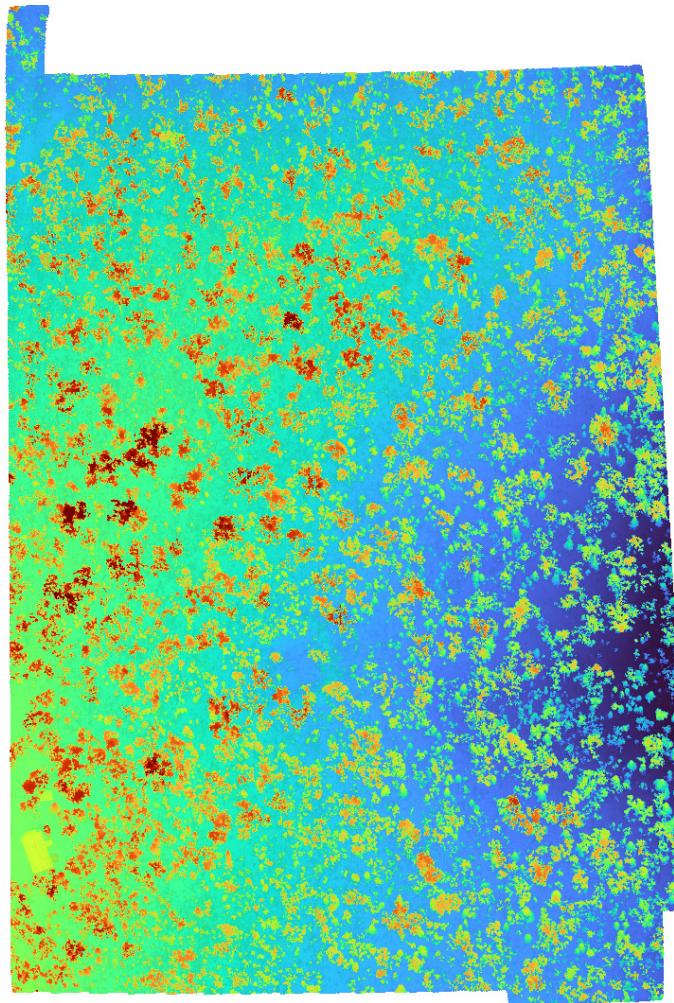


Differences between pairwise and global registrations



M112_008

Area collected

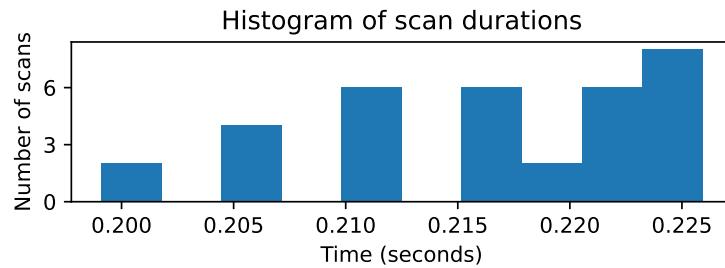


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_008_scan00501

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	693,526,262
Scanning start time	2025-05-29 11:48:41 UTC
Scanning end time	2025-05-29 11:56:10 UTC
Scanning time elapsed	7.357600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	31
Percent of scans kept	91.2%
Detections kept	629,558,210
Percent of detections kept	90.8%
Mean density	NOT FOUND points/meter ³

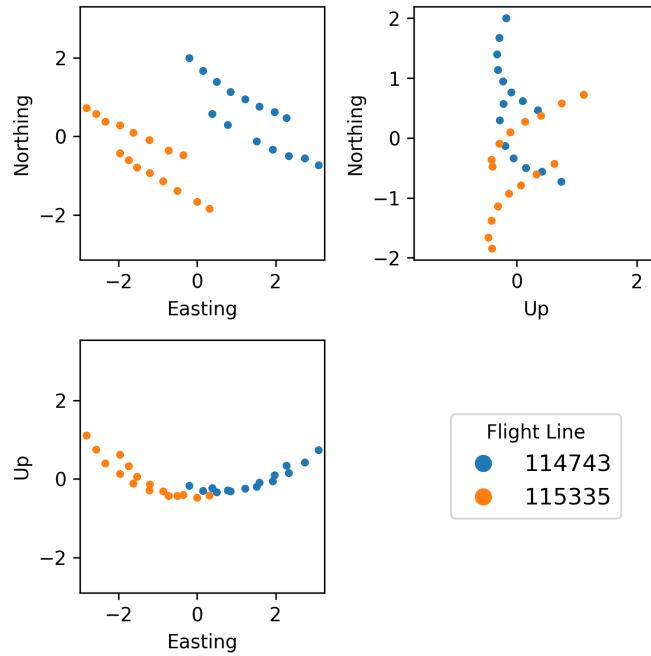
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan_M112_008_scan00114	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_008_scan00472	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_008_scan00472	Inconsistent registration

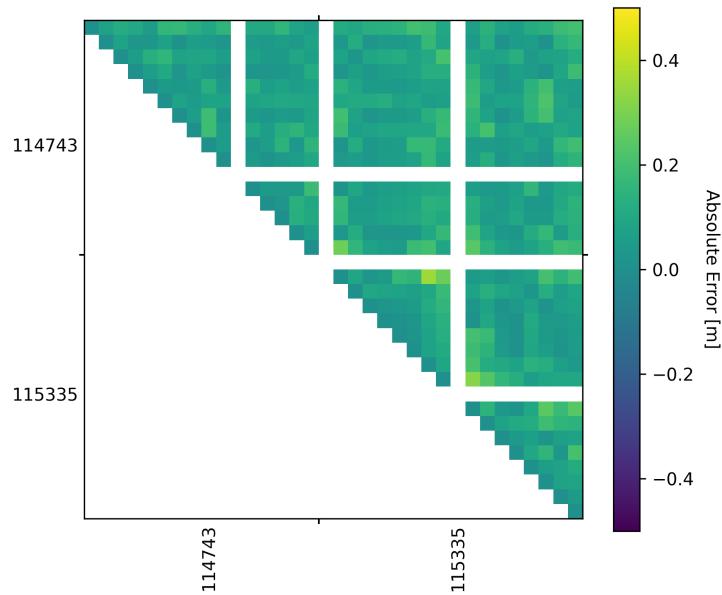
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

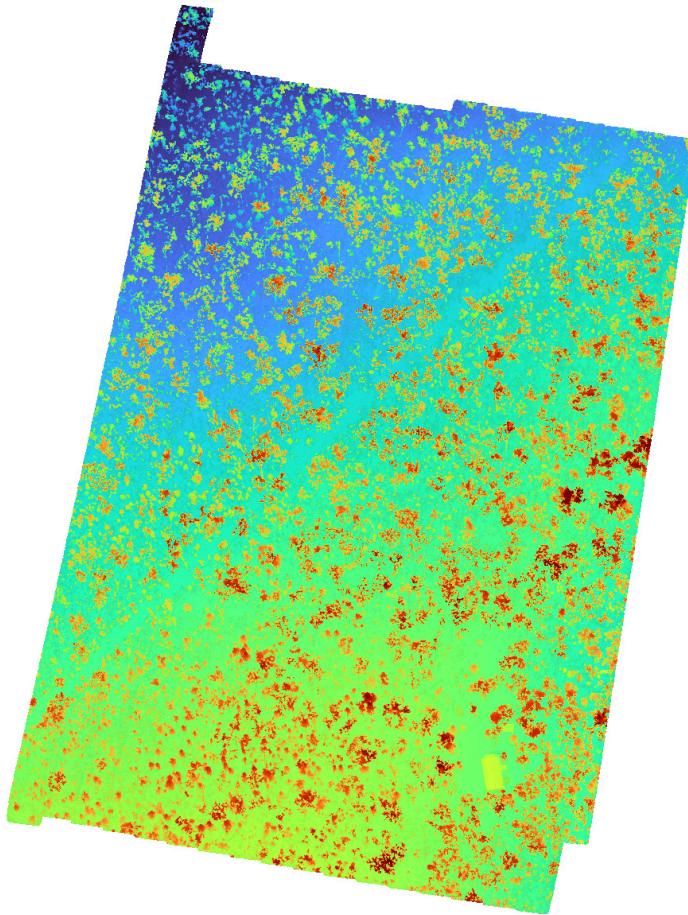


Differences between pairwise and global registrations



M112_009

Area collected

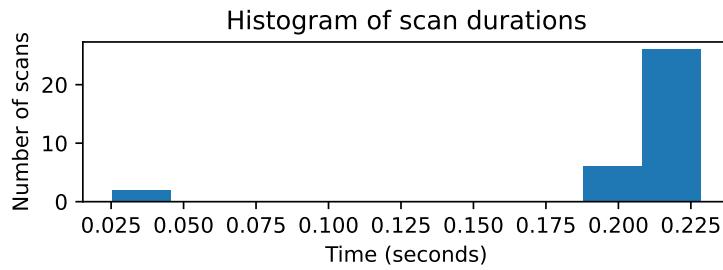


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_009_scan00500

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	657,897,312
Scanning start time	2025-05-29 11:48:42 UTC
Scanning end time	2025-05-29 11:56:08 UTC
Scanning time elapsed	6.972800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	22
Percent of scans kept	64.7%
Detections kept	451,735,924
Percent of detections kept	68.7%
Mean density	NOT FOUND points/meter ³

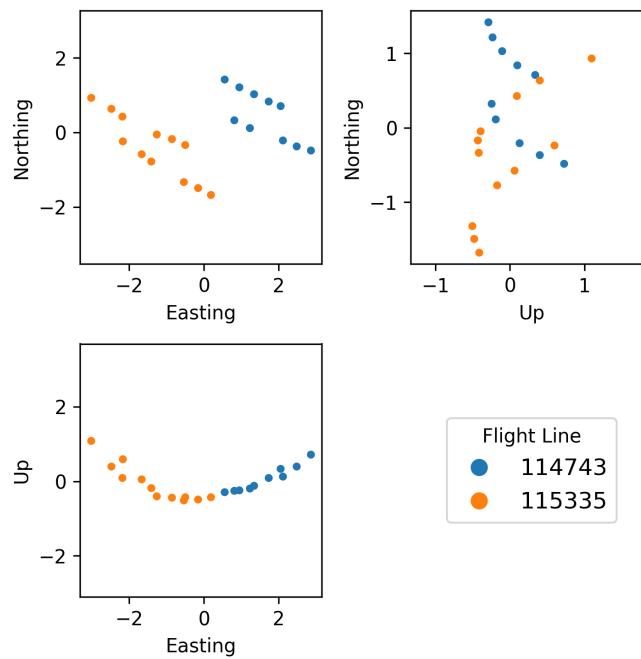
Rejected scans

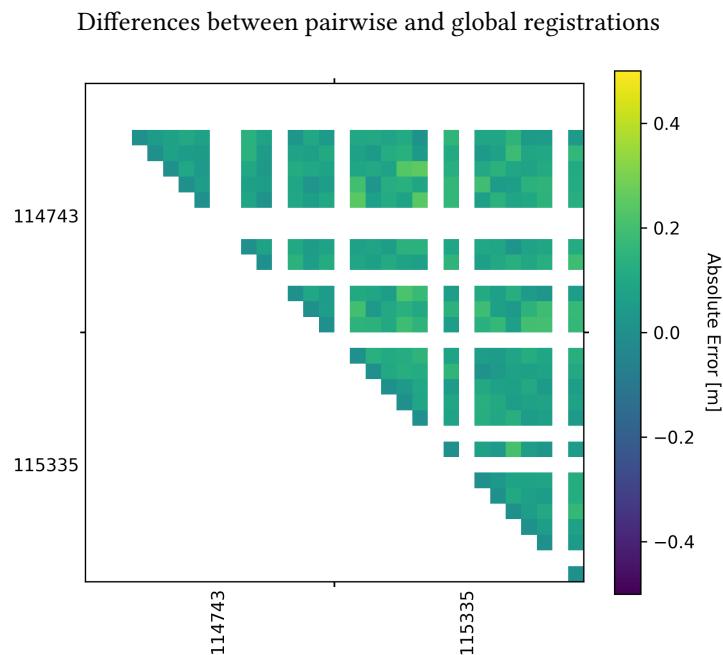
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_009_scan00106	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_009_scan00113	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_009_scan00120	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_009_scan00106	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_009_scan00113	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_009_scan00135	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_009_scan00463	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_009_scan00492	Low target fill
20250529_115335_jet_0120005XX_Vulcan_M112_009_scan00516	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_009_scan00463	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_009_scan00492	Low target fill
20250529_115335_jet_0120006XX_Vulcan_M112_009_scan00516	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

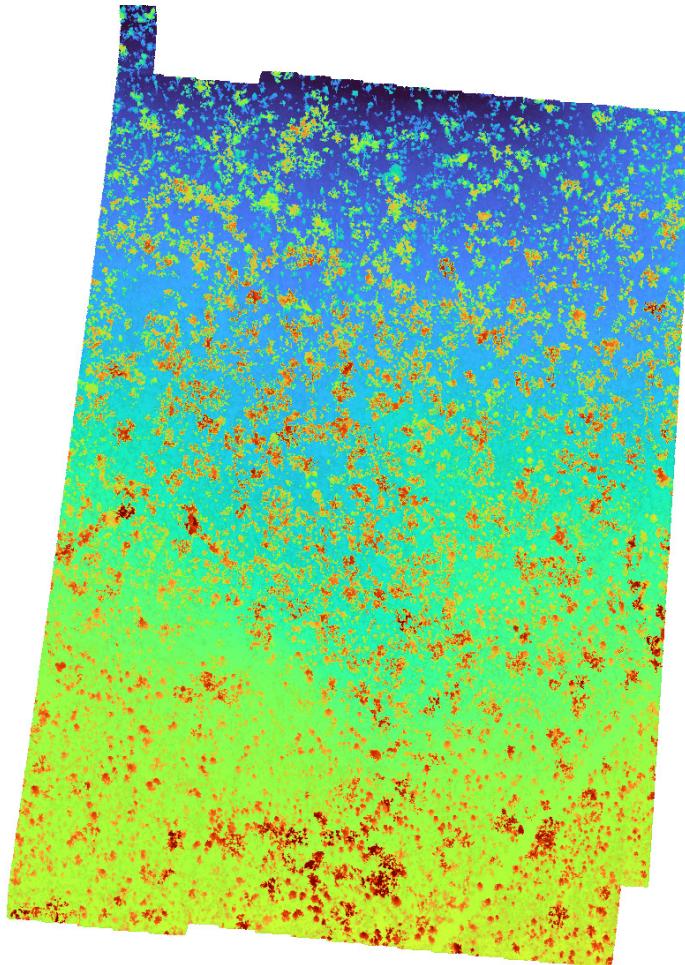
Plot of transforms





M112_010

Area collected

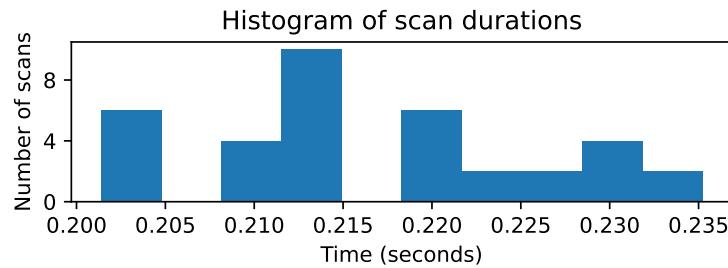


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_010_scan00491

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	736,308,273
Scanning start time	2025-05-29 11:48:45 UTC
Scanning end time	2025-05-29 11:56:06 UTC
Scanning time elapsed	7.807200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	19
Percent of scans kept	52.8%
Detections kept	395,193,927
Percent of detections kept	53.7%
Mean density	NOT FOUND points/meter ³

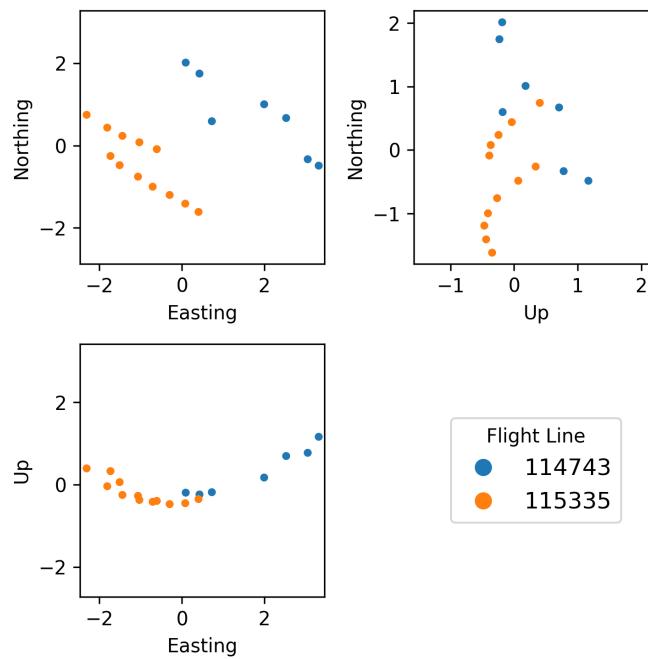
Rejected scans

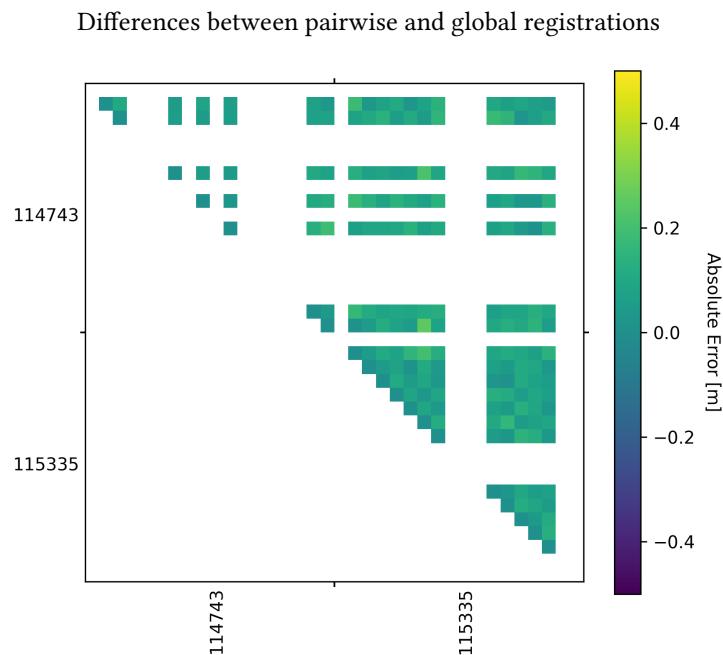
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_010_scan00115	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_010_scan00137	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_010_scan00145	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_010_scan00153	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_010.scan00167	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00115	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00129	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00137	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00145	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00153	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_010.scan00160	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_010.scan00454	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_010.scan00515	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_010.scan00454	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_010.scan00461	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_010.scan00507	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_010.scan00515	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

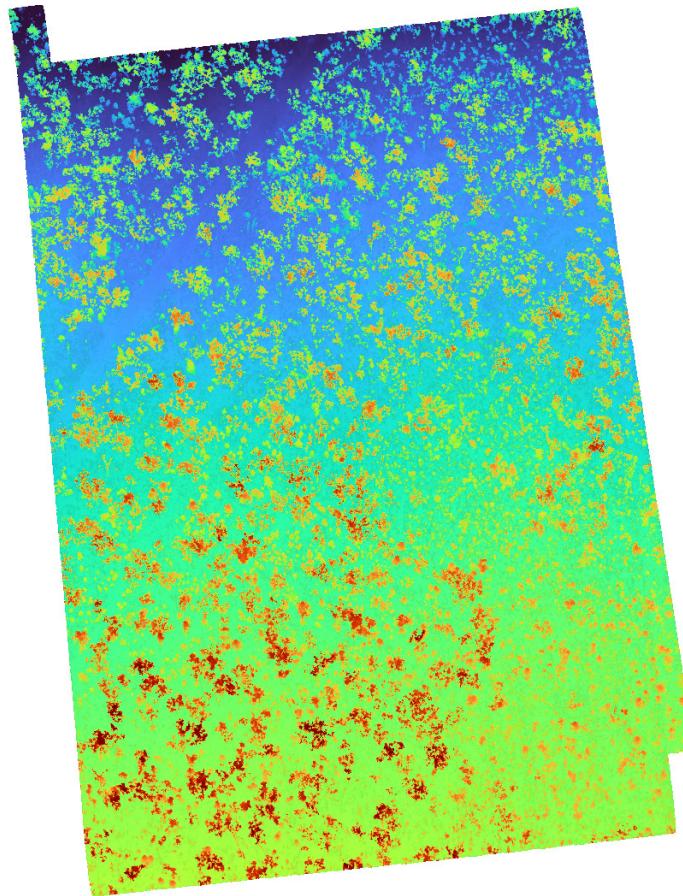
Plot of transforms





M112_011

Area collected

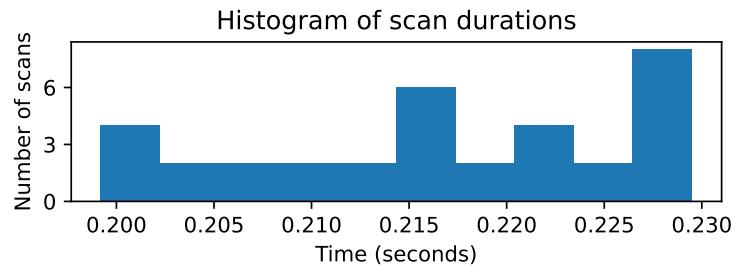


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_011_scan00474

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	716,062,550
Scanning start time	2025-05-29 11:48:46 UTC
Scanning end time	2025-05-29 11:56:04 UTC
Scanning time elapsed	7.355400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	16
Percent of scans kept	47.1%
Detections kept	361,497,044
Percent of detections kept	50.5%
Mean density	NOT FOUND points/meter ³

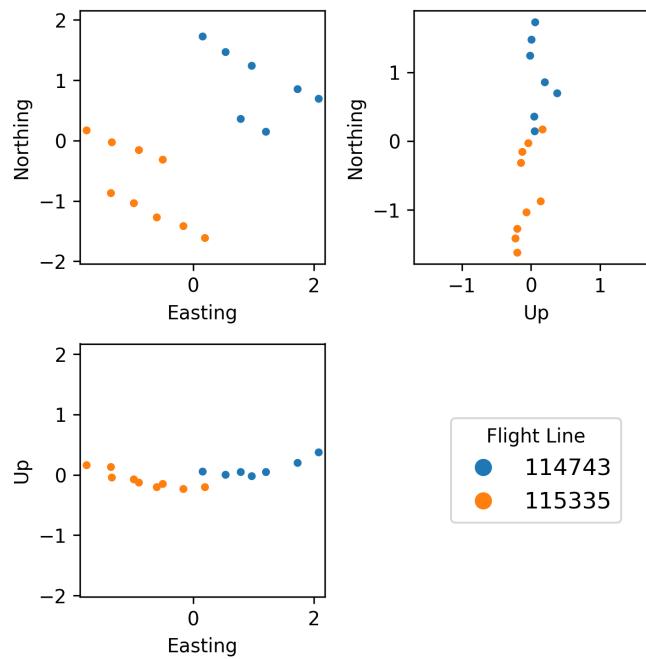
Rejected scans

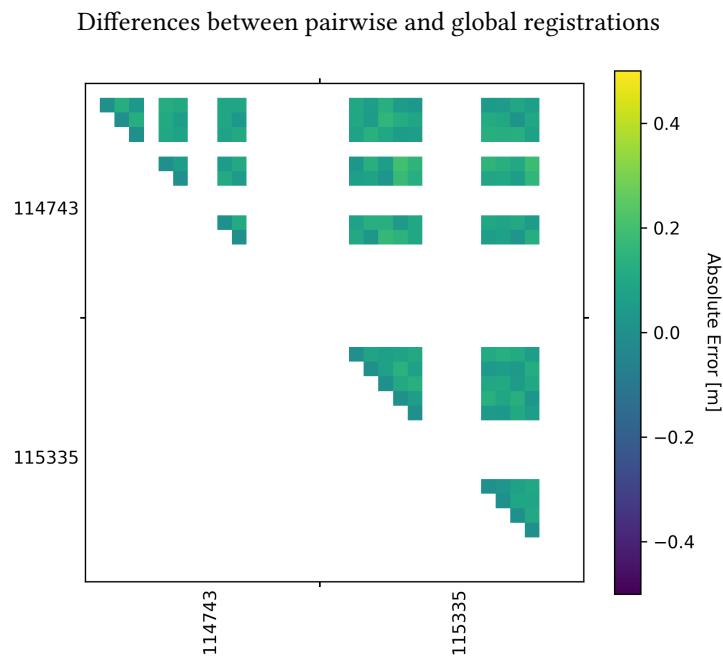
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_011_scan00123	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_011_scan00154	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_011_scan00176	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00123	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00146	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00154	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00161	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00168	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_011_scan00176	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_011_scan00445	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_011_scan00452	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_011_scan00498	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_011_scan00506	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_011_scan00445	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_011_scan00452	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_011_scan00490	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_011_scan00498	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_011_scan00506	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

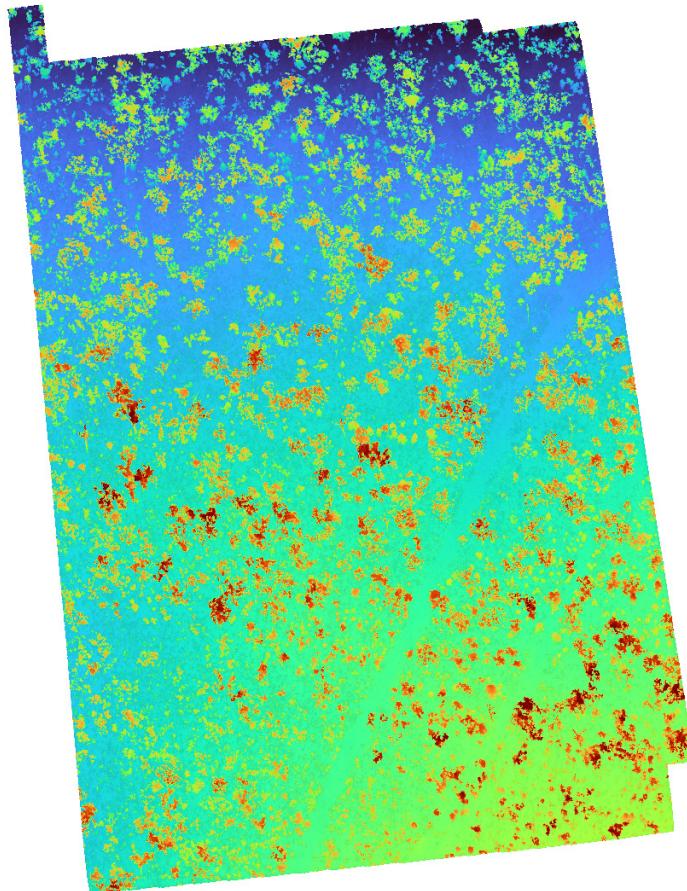
Plot of transforms





M112_012

Area collected

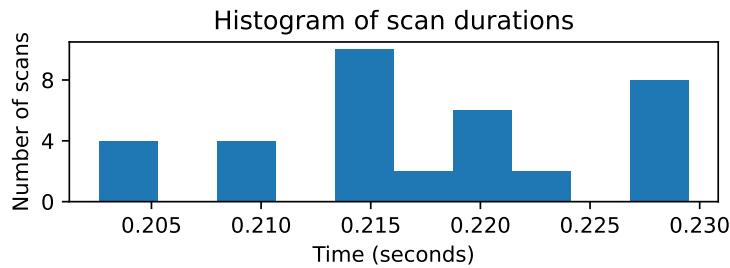


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_012_scan00465

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	738,813,234
Scanning start time	2025-05-29 11:48:48 UTC
Scanning end time	2025-05-29 11:56:02 UTC
Scanning time elapsed	7.830600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	22
Percent of scans kept	61.1%
Detections kept	477,041,706
Percent of detections kept	64.6%
Mean density	NOT FOUND points/meter ³

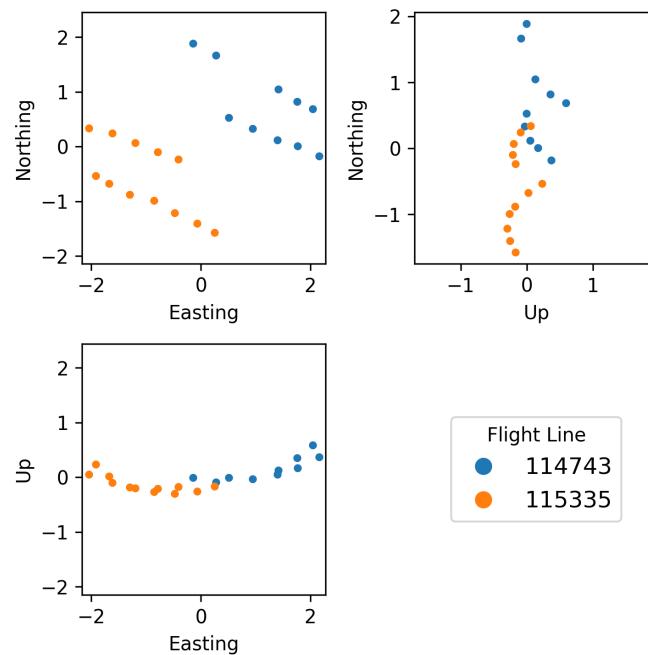
Rejected scans

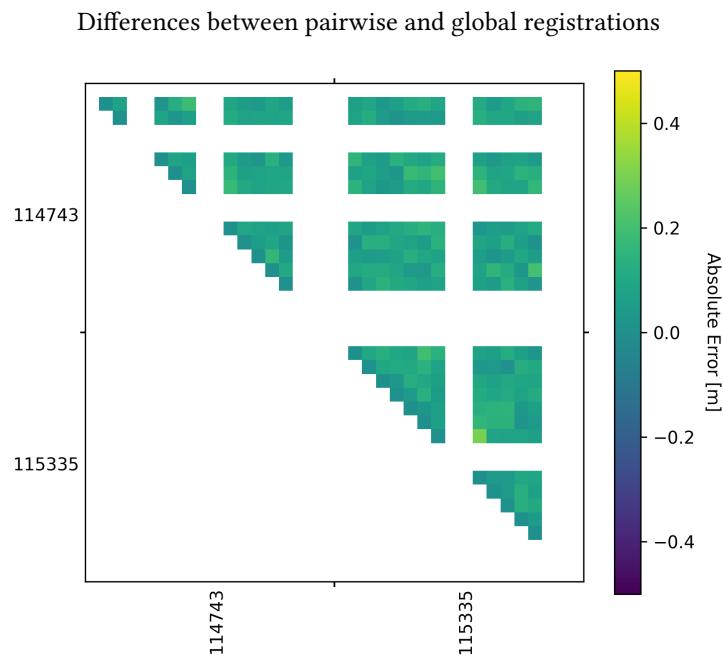
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_012_scan00132	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_012_scan00155	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_012_scan00162	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_012_scan00192	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_012_scan00132	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_012_scan00177	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_012_scan00184	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_012_scan00192	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_012_scan00436	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_012_scan00496	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_012_scan00436	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_012_scan00481	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_012_scan00488	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_012_scan00496	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

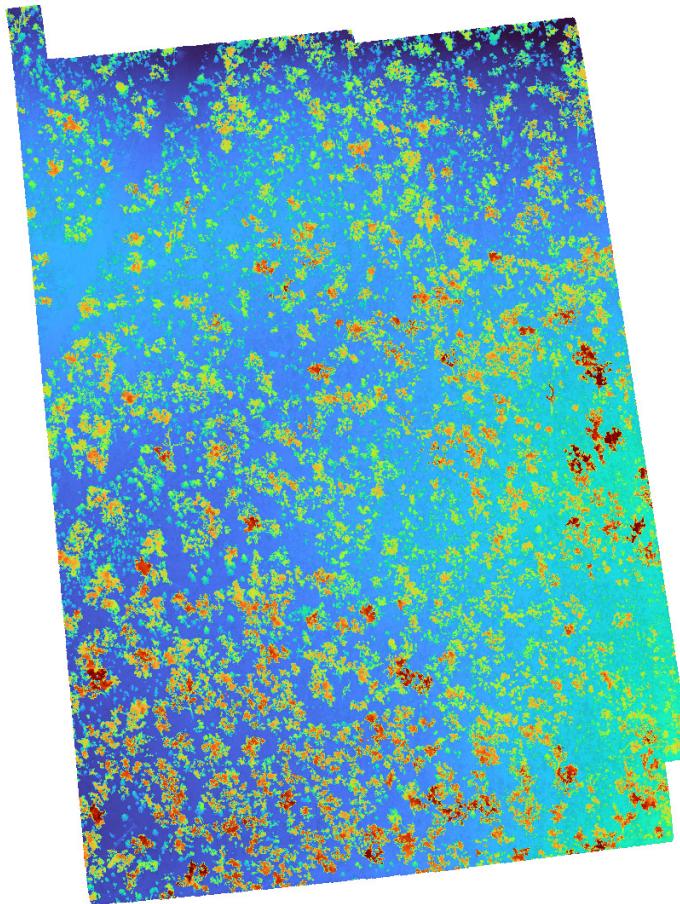
Plot of transforms





M112_013

Area collected

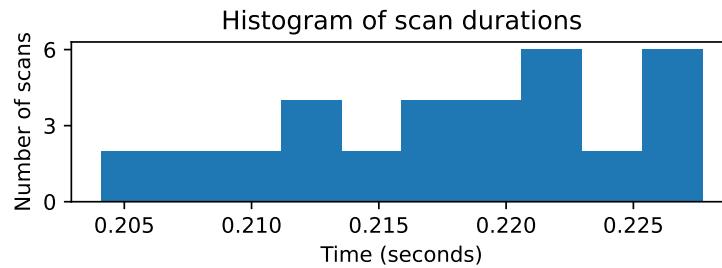


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_013_scan00456

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	696,051,743
Scanning start time	2025-05-29 11:48:50 UTC
Scanning end time	2025-05-29 11:55:59 UTC
Scanning time elapsed	7.403000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	20
Percent of scans kept	58.8%
Detections kept	429,152,116
Percent of detections kept	61.7%
Mean density	NOT FOUND points/meter ³

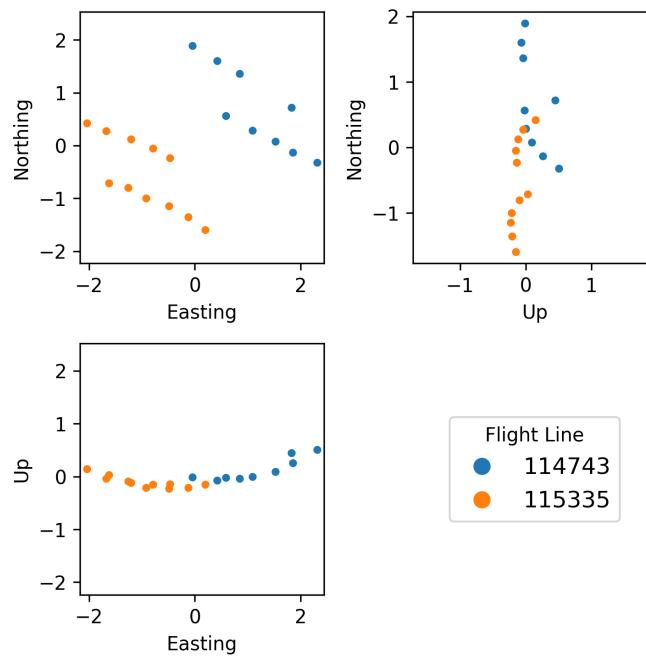
Rejected scans

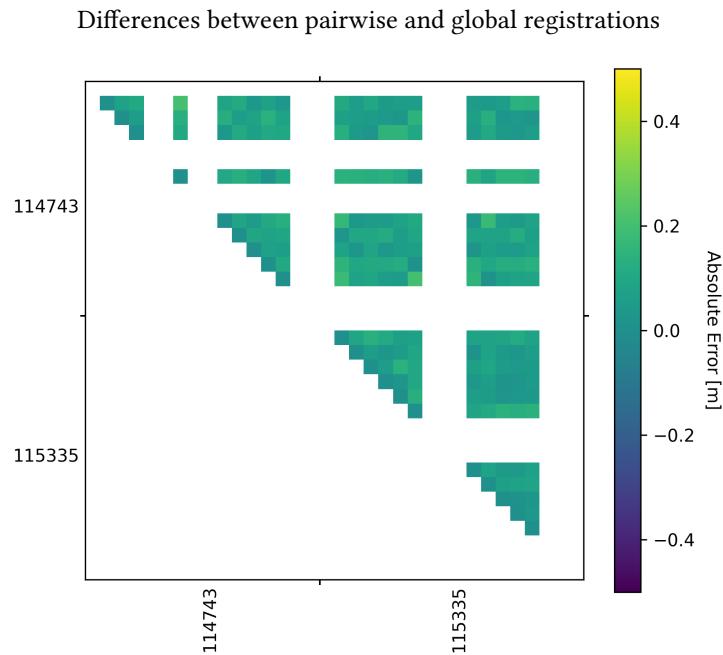
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_013_scan00140	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_013_scan00173	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_013_scan00181	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_013_scan00196	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_013_scan00140	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_013_scan00188	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_013_scan00196	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_013_scan00427	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_013_scan00478	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_013_scan00485	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_013_scan00427	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_013_scan00471	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_013_scan00478	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_013_scan00485	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

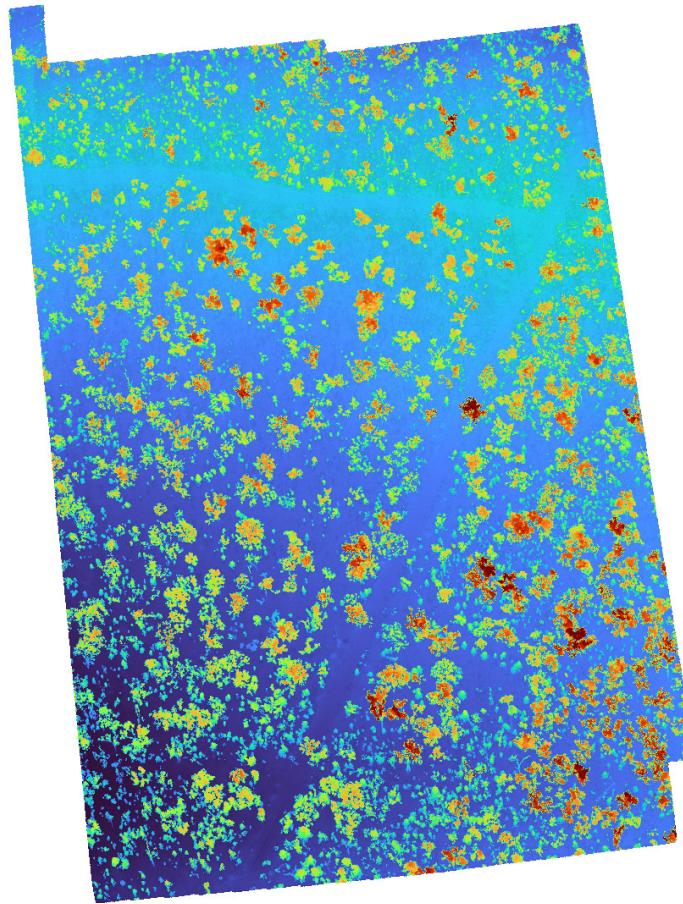
Plot of transforms





M112_014

Area collected

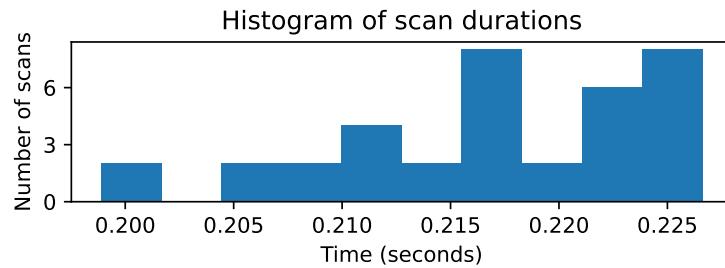


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_014_scan00447

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	714,967,272
Scanning start time	2025-05-29 11:48:52 UTC
Scanning end time	2025-05-29 11:55:57 UTC
Scanning time elapsed	7.804200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	24
Percent of scans kept	66.7%
Detections kept	497,128,976
Percent of detections kept	69.5%
Mean density	NOT FOUND points/meter ³

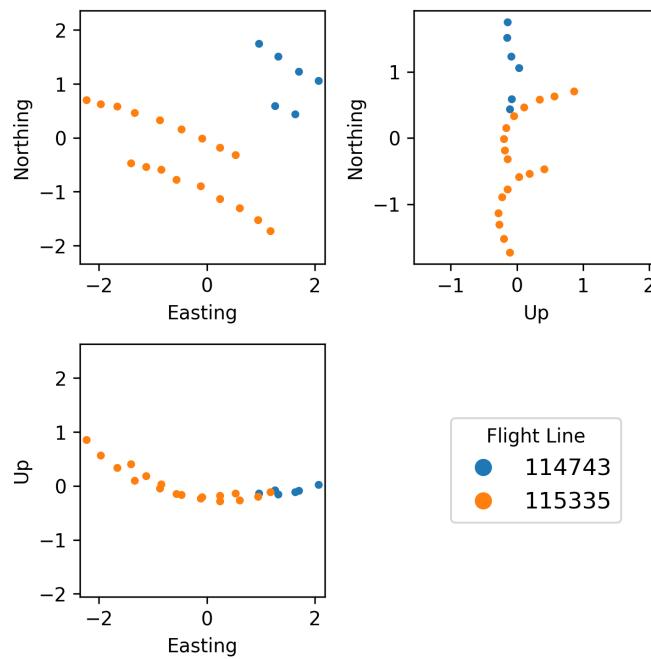
Rejected scans

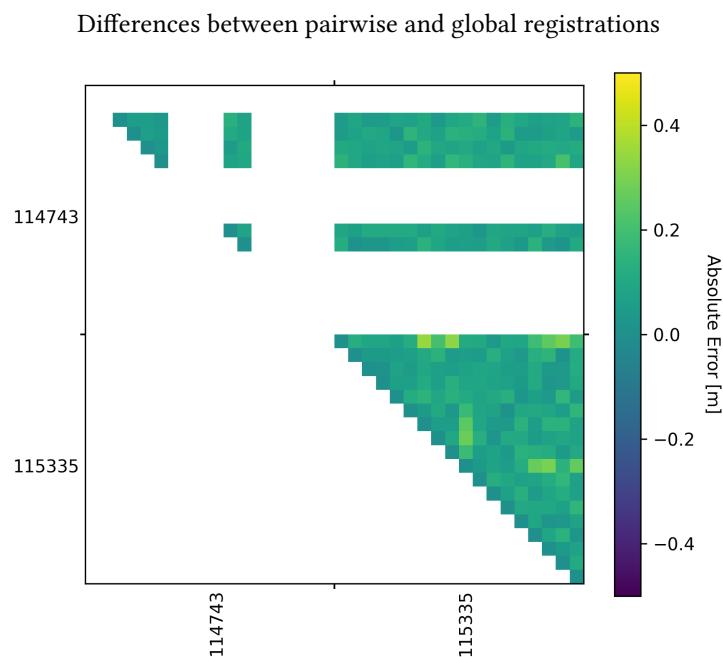
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_014_scan00148	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_014_scan00156	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_014_scan00193	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_014_scan00201	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_014_scan00209	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00148	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00170	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00178	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00185	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00193	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00201	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_014_scan00209	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

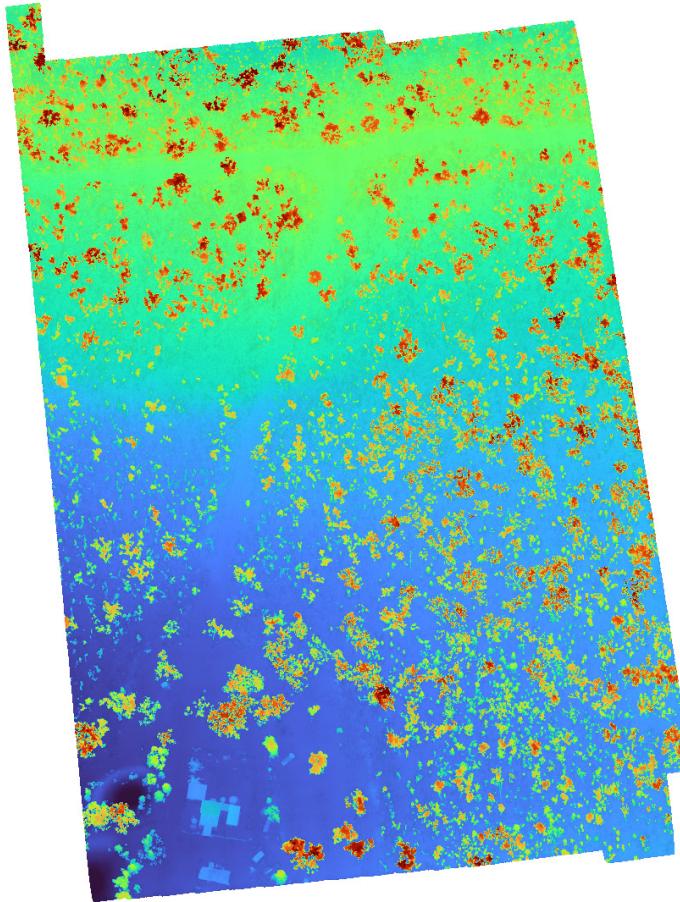
Plot of transforms





M112_015

Area collected

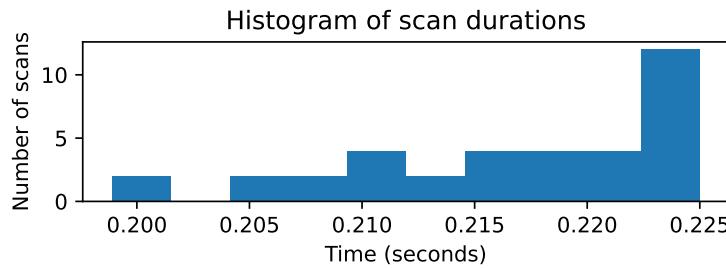


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_015_scan00438

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	715,987,756
Scanning start time	2025-05-29 11:48:54 UTC
Scanning end time	2025-05-29 11:55:54 UTC
Scanning time elapsed	7.804200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	19
Percent of scans kept	52.8%
Detections kept	393,665,103
Percent of detections kept	55.0%
Mean density	NOT FOUND points/meter ³

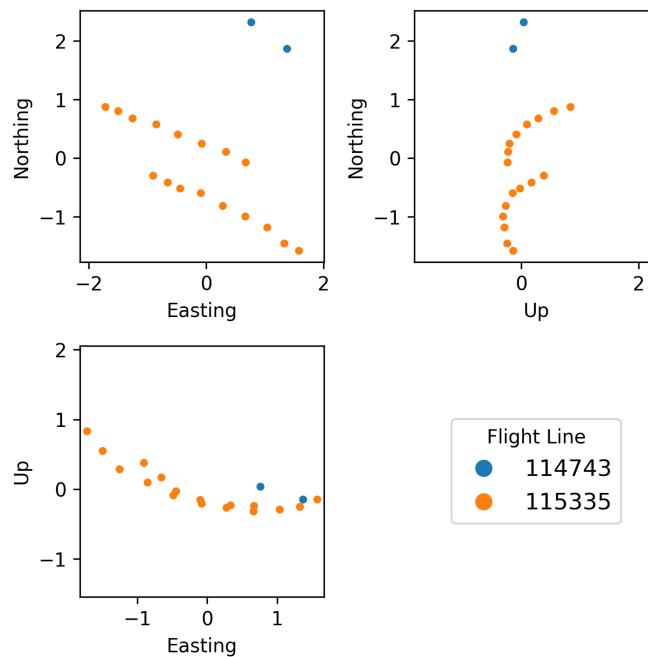
Rejected scans

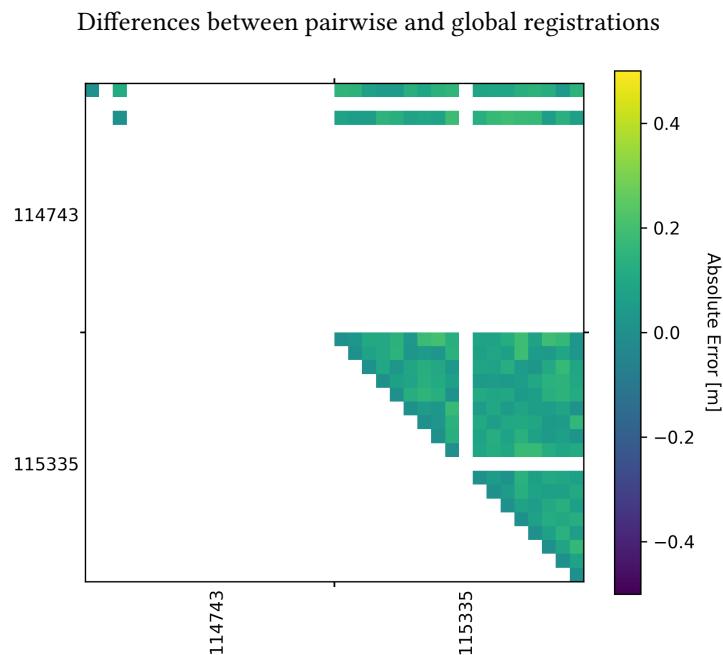
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00164	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00179	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00186	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00194	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00202	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00210	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_015_scan00218	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00157	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00164	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00171	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00179	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00186	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00194	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00202	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00210	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_015_scan00218	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_015_scan00409	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

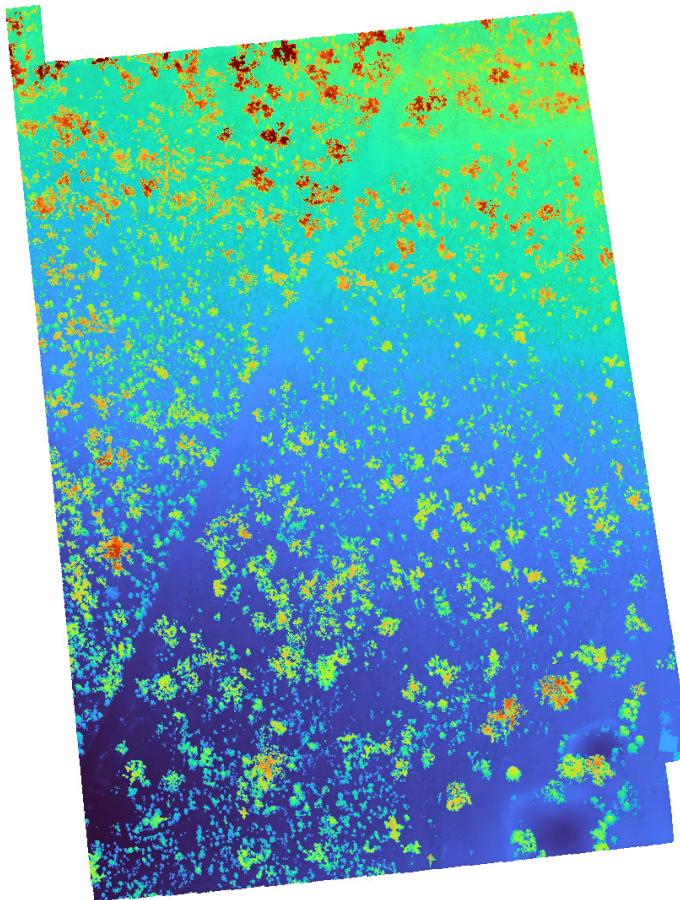
Plot of transforms





M112_016

Area collected

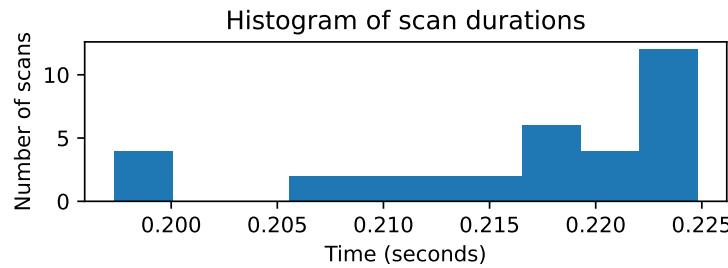


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_016_scan00429

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	681,230,906
Scanning start time	2025-05-29 11:48:56 UTC
Scanning end time	2025-05-29 11:55:52 UTC
Scanning time elapsed	7.357200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	17
Percent of scans kept	50.0%
Detections kept	349,108,299
Percent of detections kept	51.2%
Mean density	NOT FOUND points/meter ³

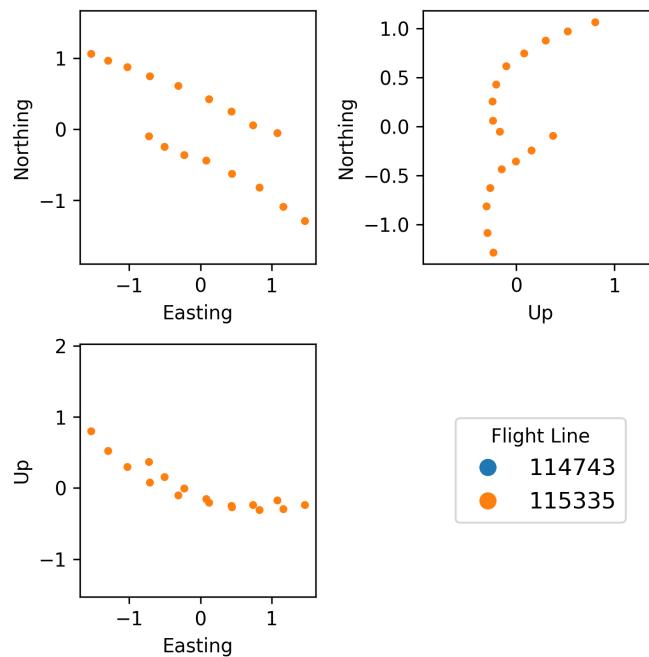
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00165	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00172	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00180	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00187	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00195	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00203	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00211	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_016_scan00219	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00165	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00172	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00180	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00187	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00195	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00203	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00211	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_016_scan00219	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_016_scan00400	Inconsistent registration

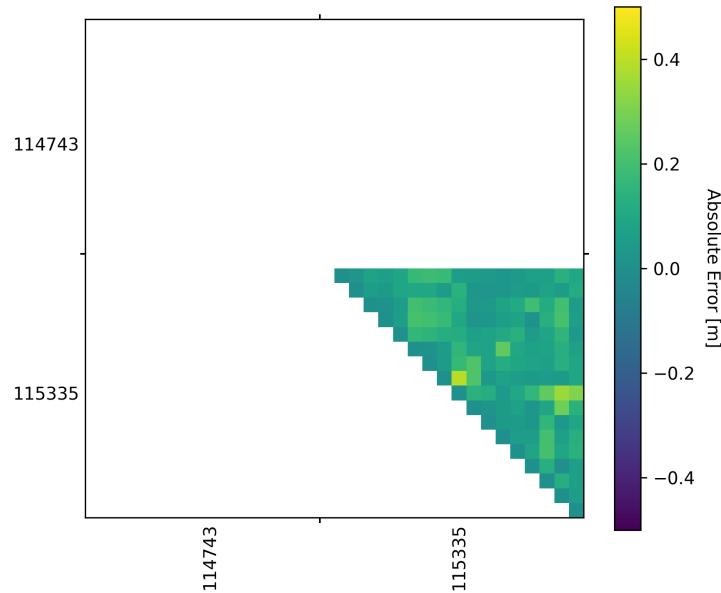
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

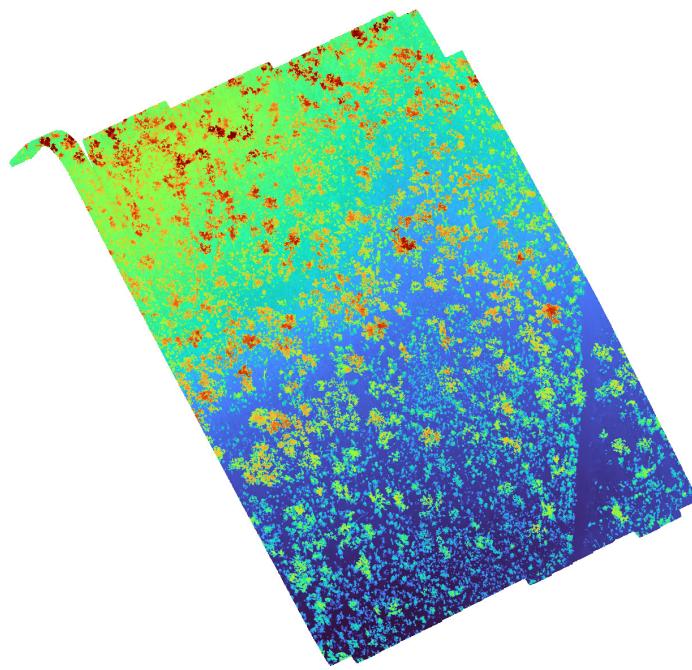


Differences between pairwise and global registrations



M112_017

Area collected

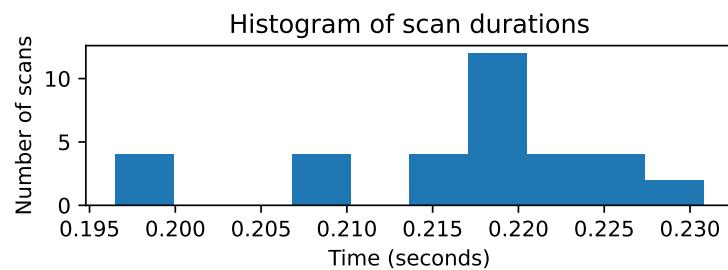


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_017_scan00405

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	674,145,310
Scanning start time	2025-05-29 11:48:58 UTC
Scanning end time	2025-05-29 11:55:50 UTC
Scanning time elapsed	7.364000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	18
Percent of scans kept	52.9%
Detections kept	363,947,987
Percent of detections kept	54.0%
Mean density	NOT FOUND points/meter ³

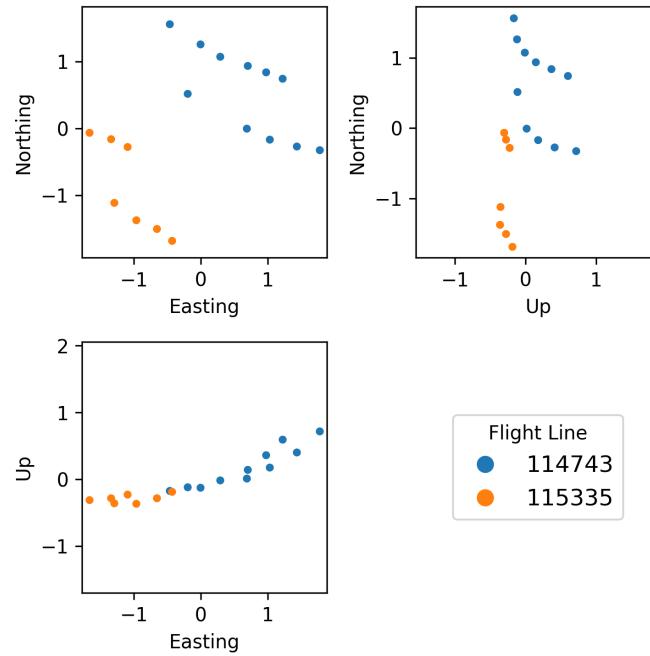
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_017_scan00174	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_017_scan00183	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_017_scan00174	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_017_scan00191	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_017_scan00230	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_017_scan00420	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_017_scan00428	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_017_scan00435	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_017_scan00442	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_017_scan00449	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00412	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00420	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00428	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00435	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00442	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_017_scan00449	Inconsistent registration

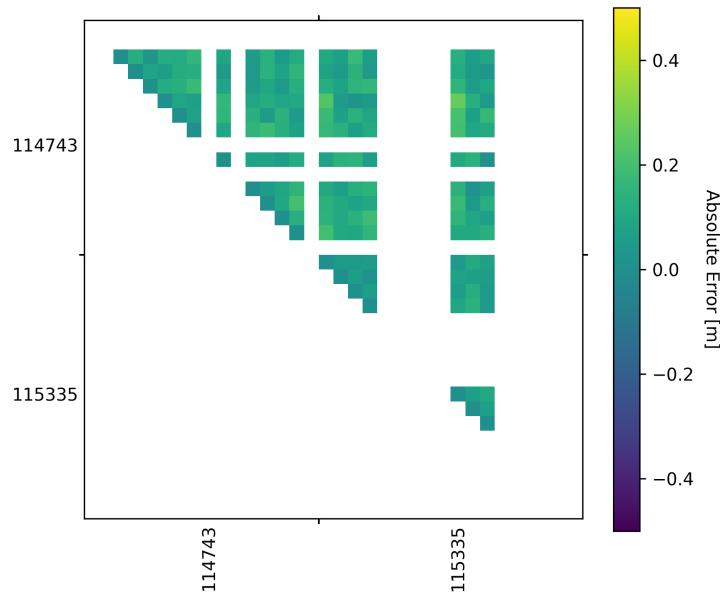
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

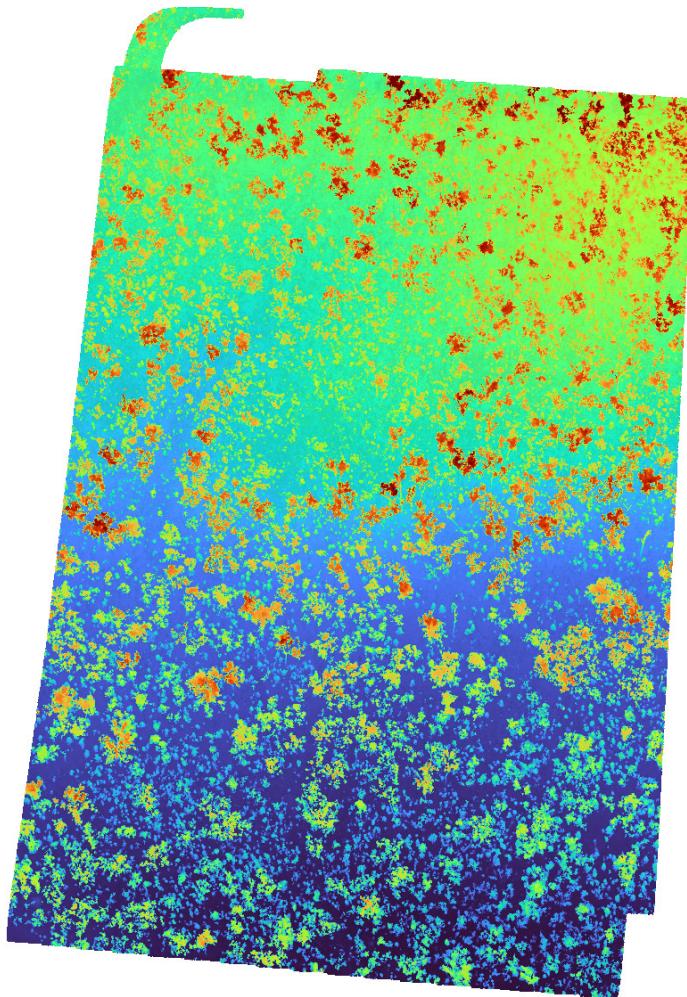


Differences between pairwise and global registrations



M112_018

Area collected

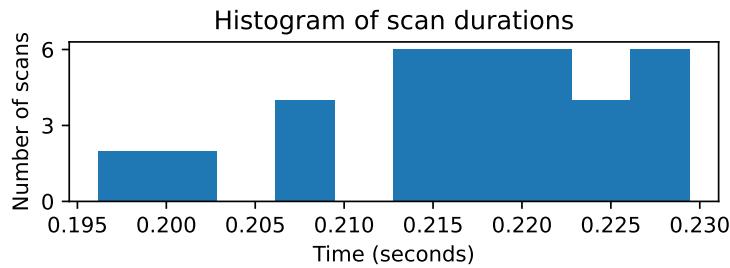


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_018.scan00419

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	705,817,886
Scanning start time	2025-05-29 11:49:00 UTC
Scanning end time	2025-05-29 11:55:48 UTC
Scanning time elapsed	7.803000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	31
Percent of scans kept	86.1%
Detections kept	619,956,447
Percent of detections kept	87.8%
Mean density	NOT FOUND points/meter ³

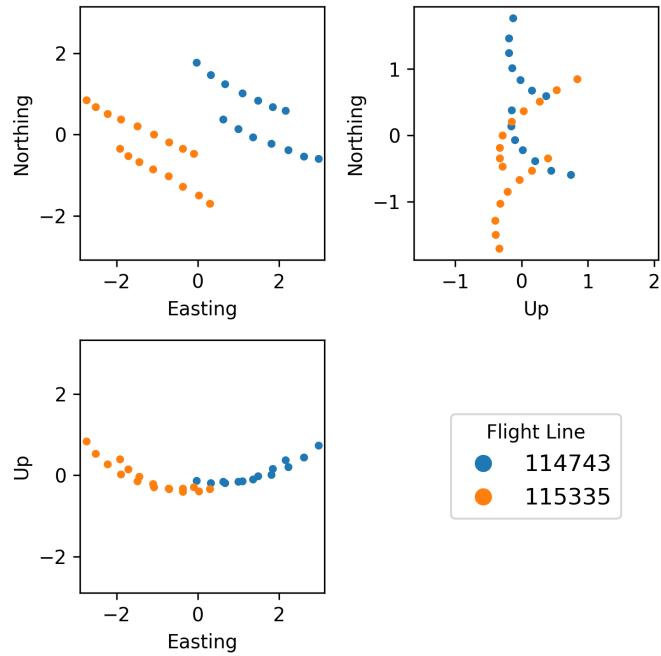
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_018_scan00182	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_018_scan00243	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_018_scan00182	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_018_scan00243	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_018_scan00382	Inconsistent registration

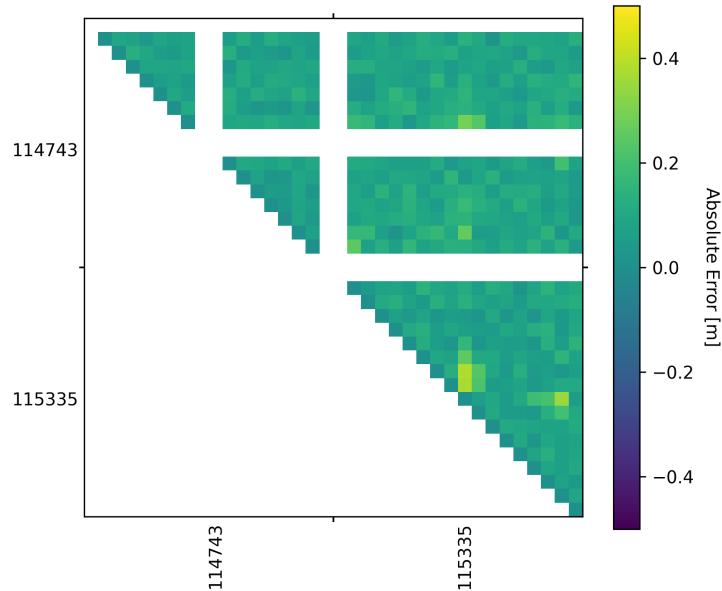
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

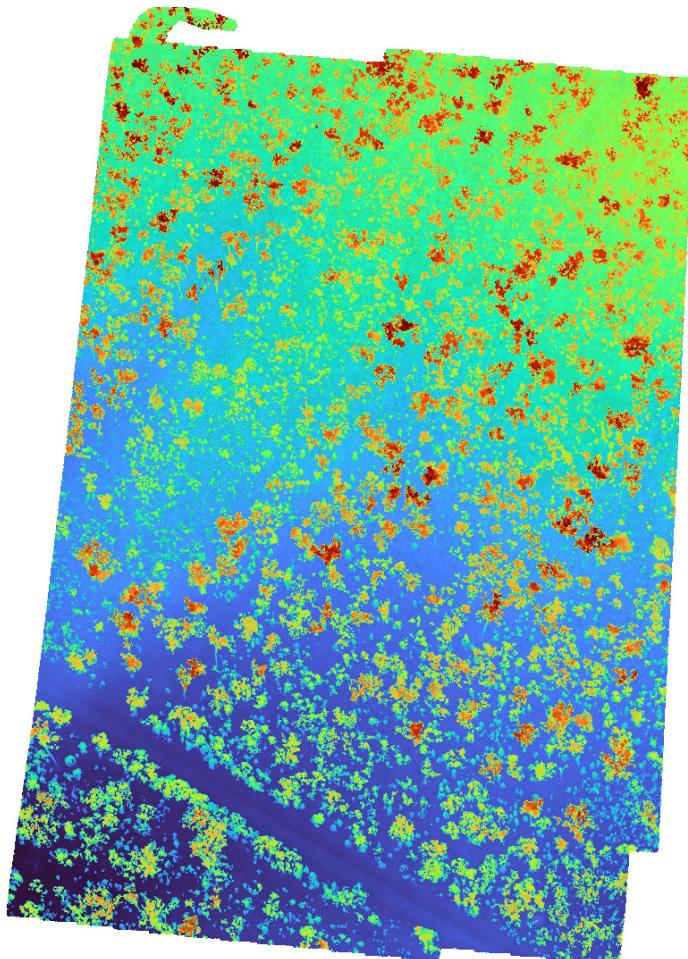


Differences between pairwise and global registrations



M112_019

Area collected

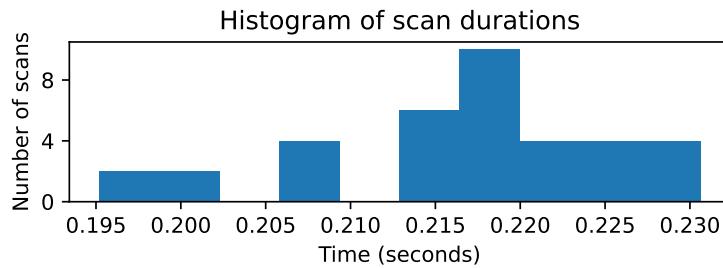


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_019_scan00410

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	712,280,460
Scanning start time	2025-05-29 11:49:02 UTC
Scanning end time	2025-05-29 11:55:46 UTC
Scanning time elapsed	7.799800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	27
Percent of scans kept	75.0%
Detections kept	550,284,943
Percent of detections kept	77.3%
Mean density	NOT FOUND points/meter ³

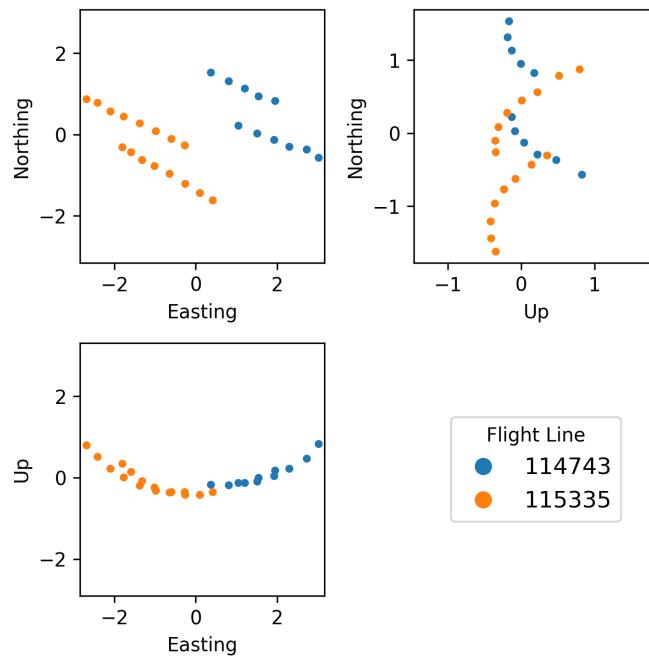
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_019_scan00190	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_019_scan00198	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_019_scan00244	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_019_scan00252	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_019_scan00190	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_019_scan00198	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_019_scan00252	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_019_scan00373	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_019_scan00373	Inconsistent registration

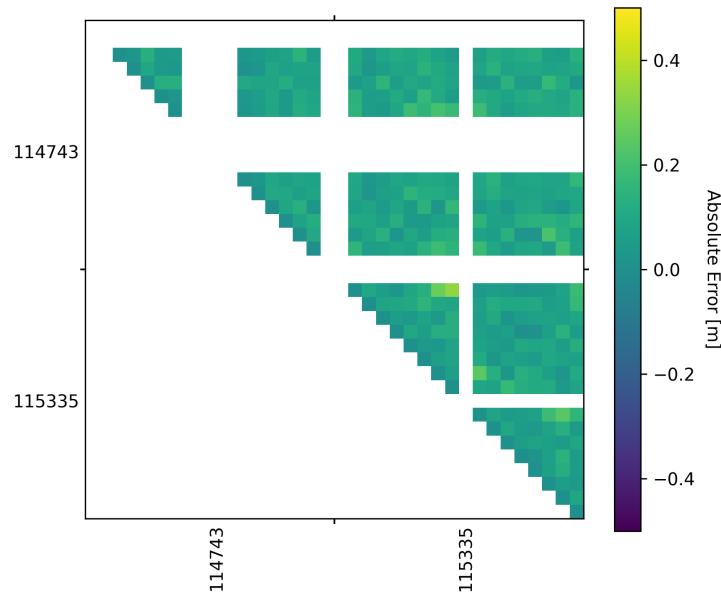
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

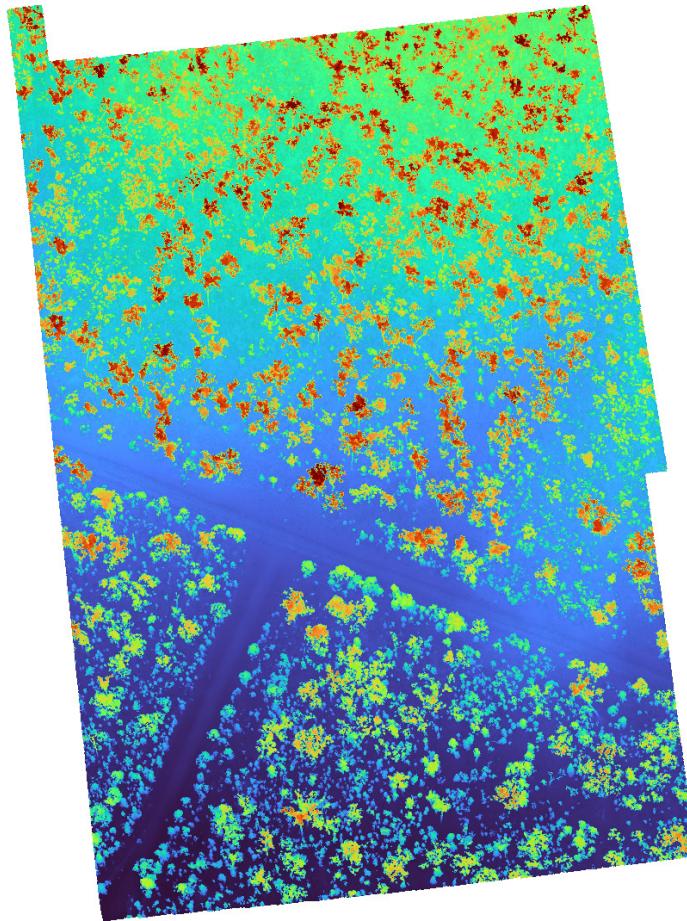


Differences between pairwise and global registrations



M112_020

Area collected

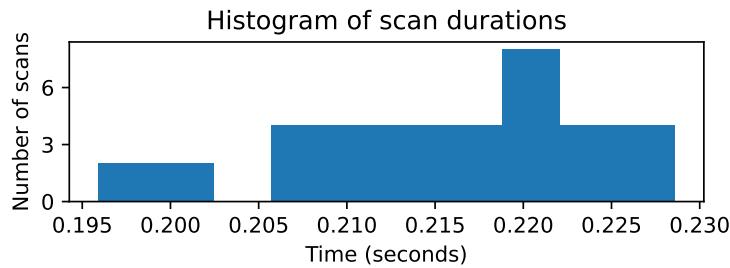


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_020_scan00393

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	711,202,976
Scanning start time	2025-05-29 11:49:04 UTC
Scanning end time	2025-05-29 11:55:44 UTC
Scanning time elapsed	7.758000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	24
Percent of scans kept	66.7%
Detections kept	492,650,843
Percent of detections kept	69.3%
Mean density	NOT FOUND points/meter ³

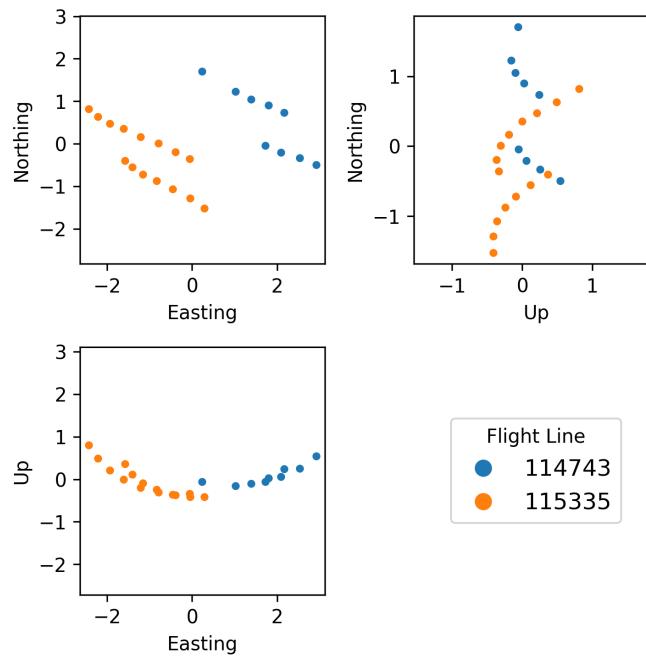
Rejected scans

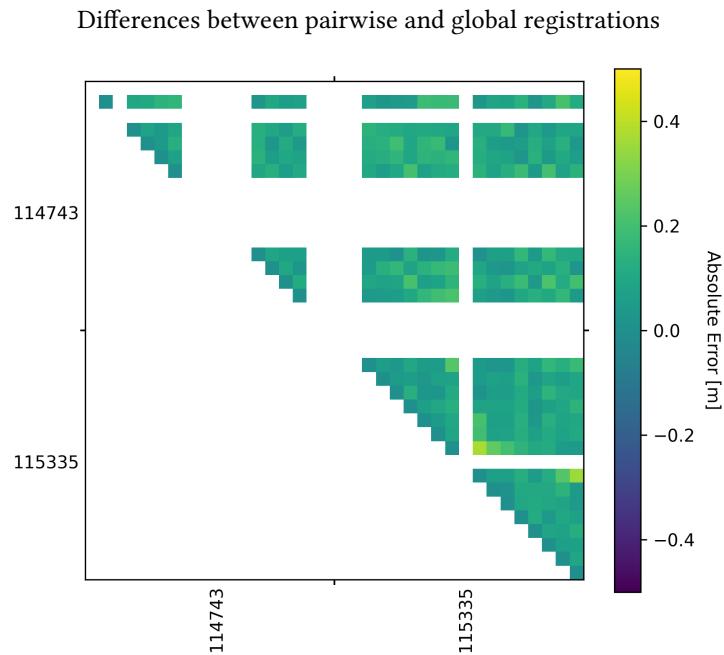
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_020_scan00199	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_020_scan00214	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_020_scan00253	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_020_scan00261	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_020_scan00199	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_020_scan00206	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_020_scan00214	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_020_scan00253	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_020_scan00261	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_020_scan00363	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_020_scan00370	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_020_scan00363	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

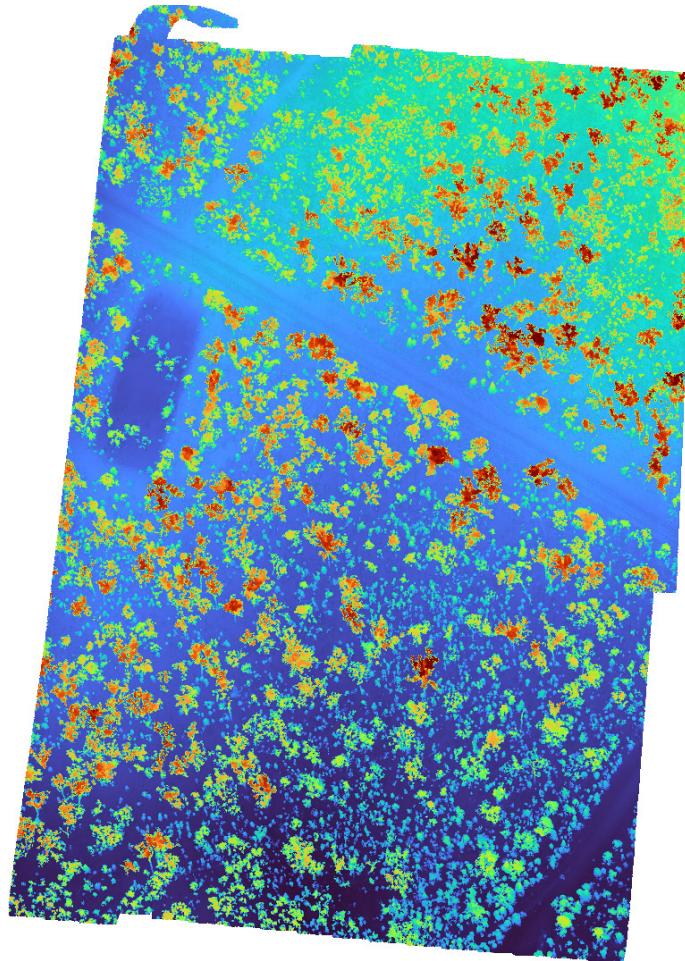
Plot of transforms





M112_021

Area collected

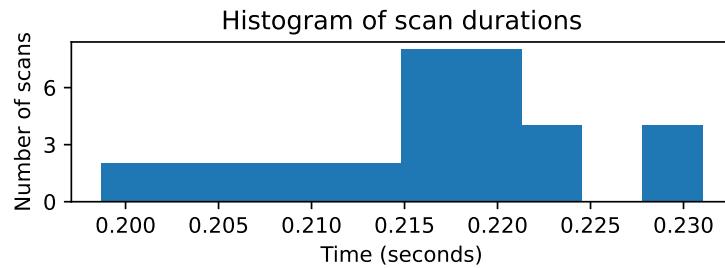


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_021_scan00392

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	685,145,724
Scanning start time	2025-05-29 11:49:06 UTC
Scanning end time	2025-05-29 11:55:42 UTC
Scanning time elapsed	7.368200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	31
Percent of scans kept	91.2%
Detections kept	622,791,253
Percent of detections kept	90.9%
Mean density	NOT FOUND points/meter ³

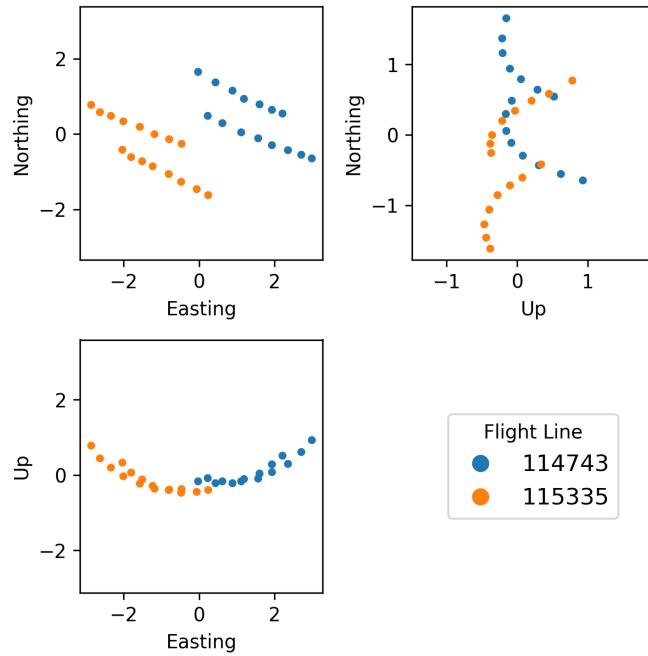
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_021_scan00208	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_021_scan00354	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_021_scan00354	Inconsistent registration

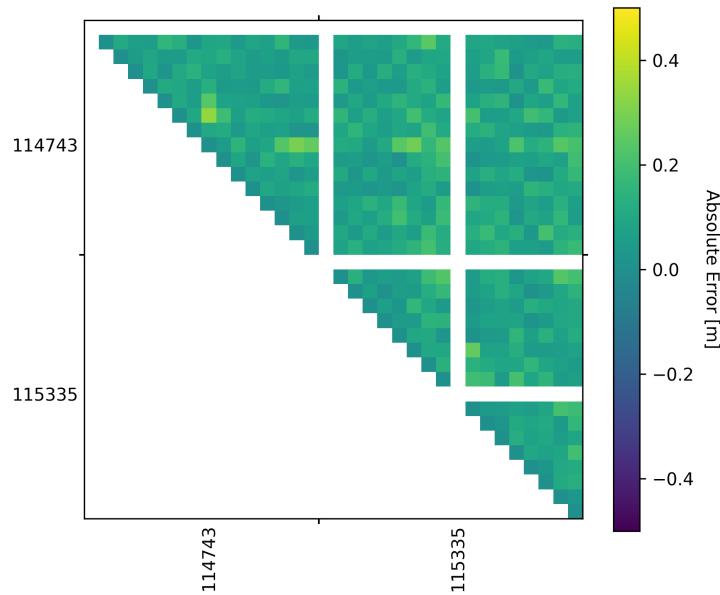
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

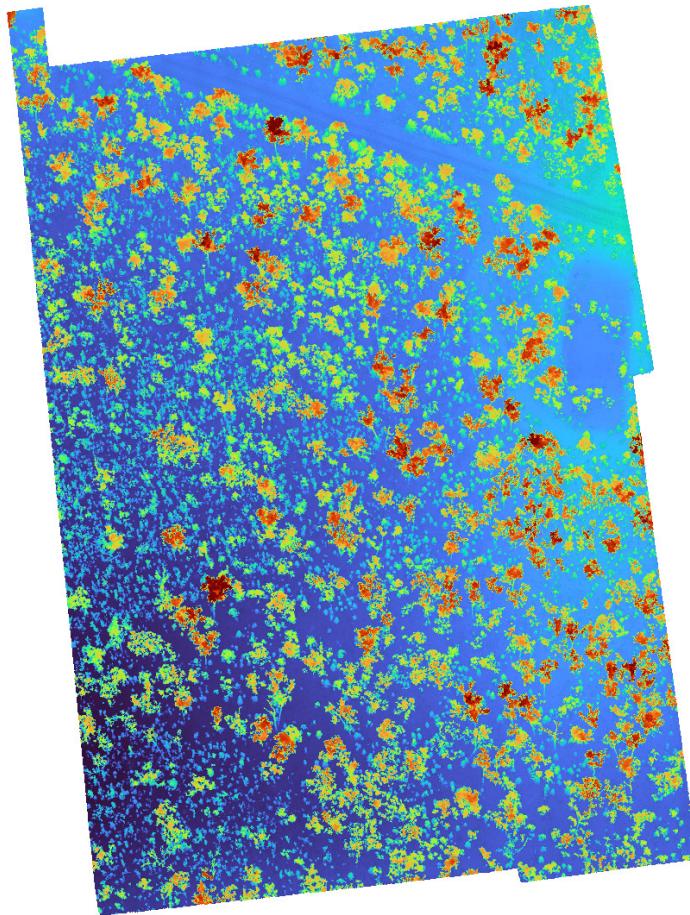


Differences between pairwise and global registrations



M112_022

Area collected

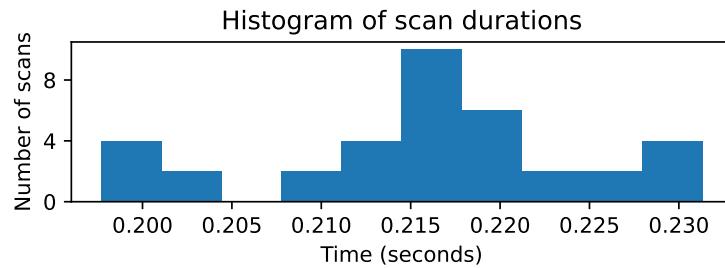


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_022_scan00375

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	708,195,627
Scanning start time	2025-05-29 11:49:08 UTC
Scanning end time	2025-05-29 11:55:40 UTC
Scanning time elapsed	7.777200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	29
Percent of scans kept	80.6%
Detections kept	578,414,333
Percent of detections kept	81.7%
Mean density	NOT FOUND points/meter ³

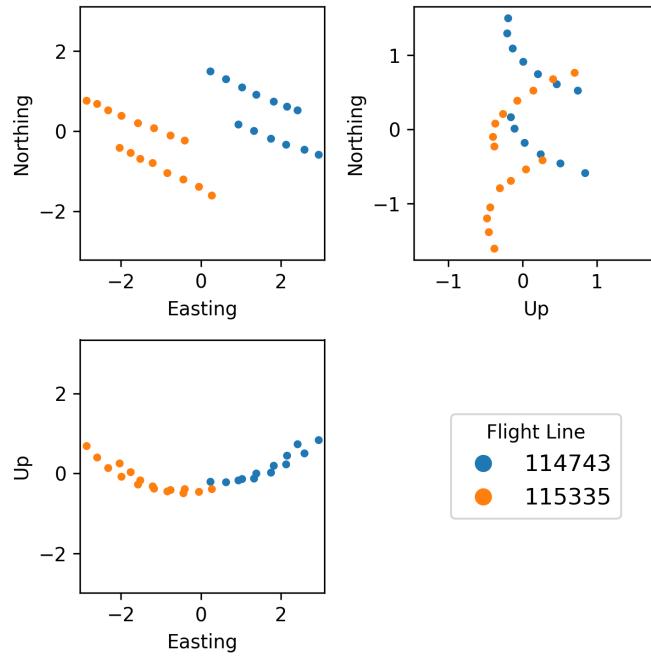
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_022_scan00216	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_022_scan00224	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_022_scan00216	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_022_scan00224	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_022_scan00278	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_022_scan00345	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_022_scan00345	Inconsistent registration

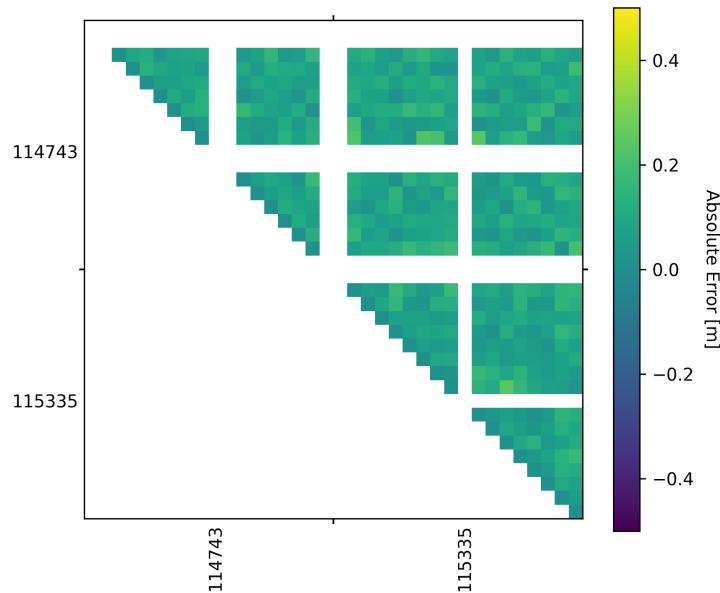
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

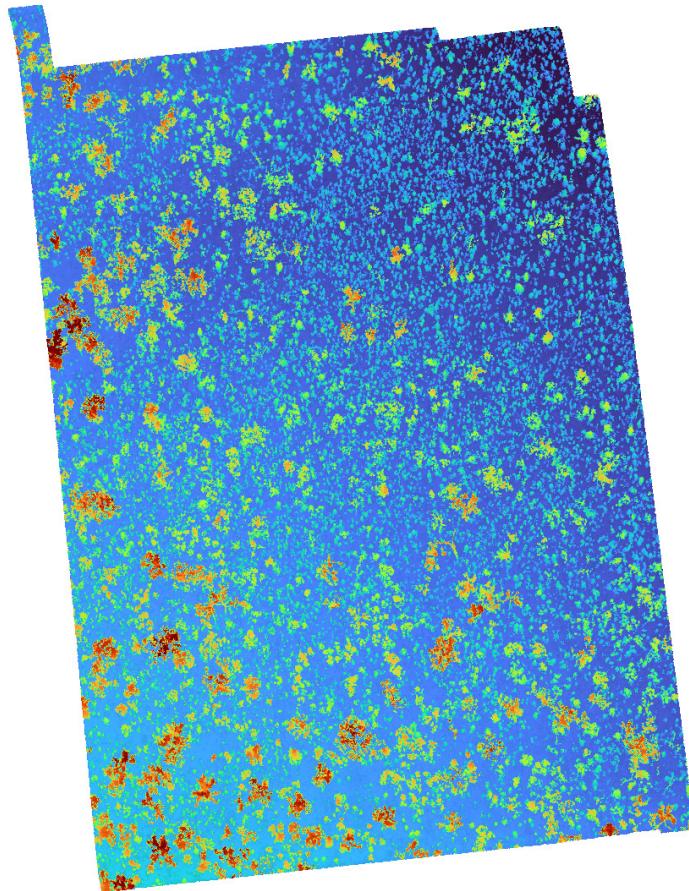


Differences between pairwise and global registrations



M112_023

Area collected

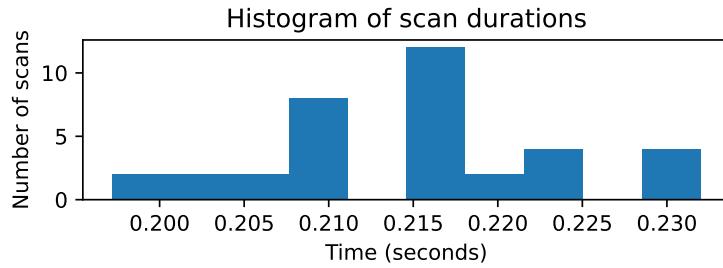


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00255

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	681,582,014
Scanning start time	2025-05-29 11:49:10 UTC
Scanning end time	2025-05-29 11:55:38 UTC
Scanning time elapsed	7.745800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	14
Percent of scans kept	38.9%
Detections kept	275,960,571
Percent of detections kept	40.5%
Mean density	NOT FOUND points/meter ³

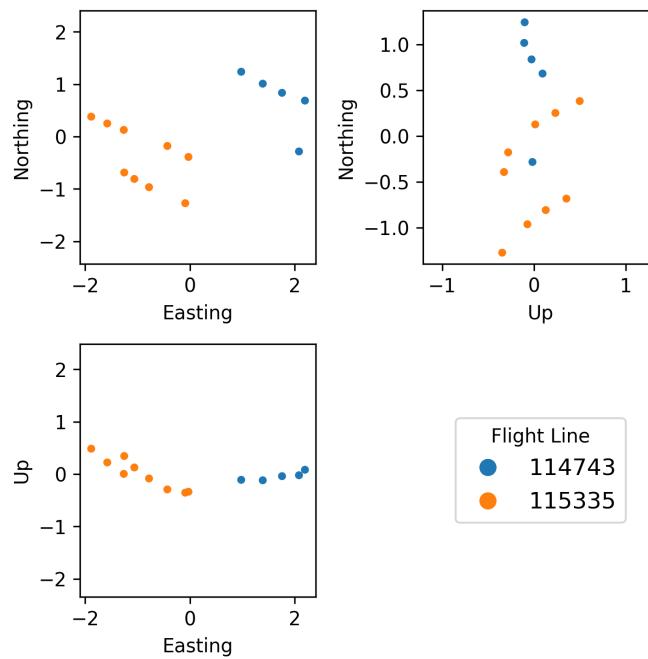
Rejected scans

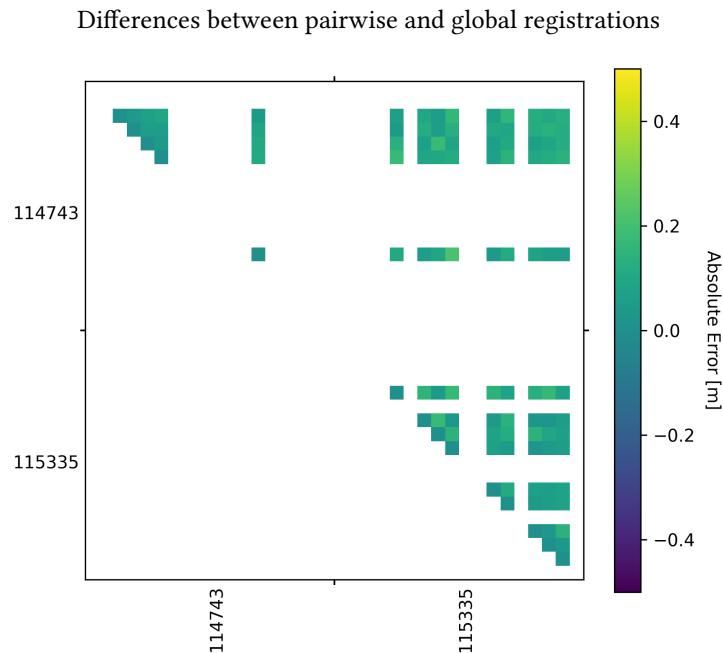
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00225	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00232	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00271	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00279	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_023_scan00287	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00225	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00232	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00239	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00255	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00263	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00271	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00279	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_023_scan00287	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_023_scan00336	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_023_scan00343	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_023_scan00350	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_023_scan00358	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_023_scan00374	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_023_scan00336	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_023_scan00343	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_023_scan00366	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_023_scan00395	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

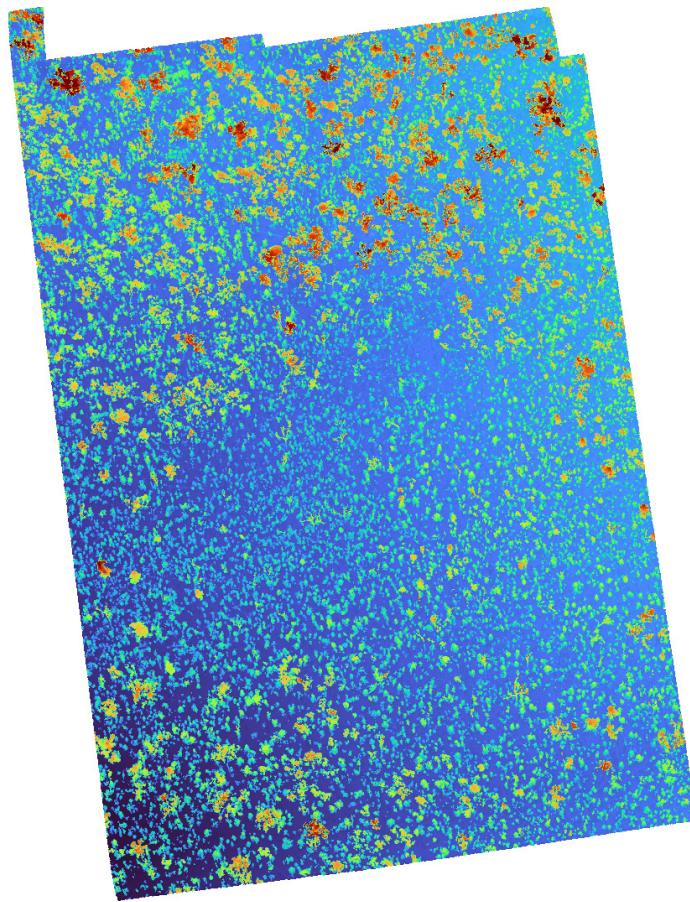
Plot of transforms





M112_024

Area collected

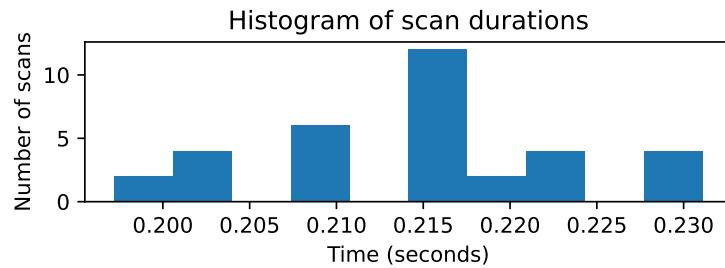


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_024_scan00356

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	649,246,927
Scanning start time	2025-05-29 11:49:12 UTC
Scanning end time	2025-05-29 11:55:36 UTC
Scanning time elapsed	7.305000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	14
Percent of scans kept	41.2%
Detections kept	285,198,023
Percent of detections kept	43.9%
Mean density	NOT FOUND points/meter ³

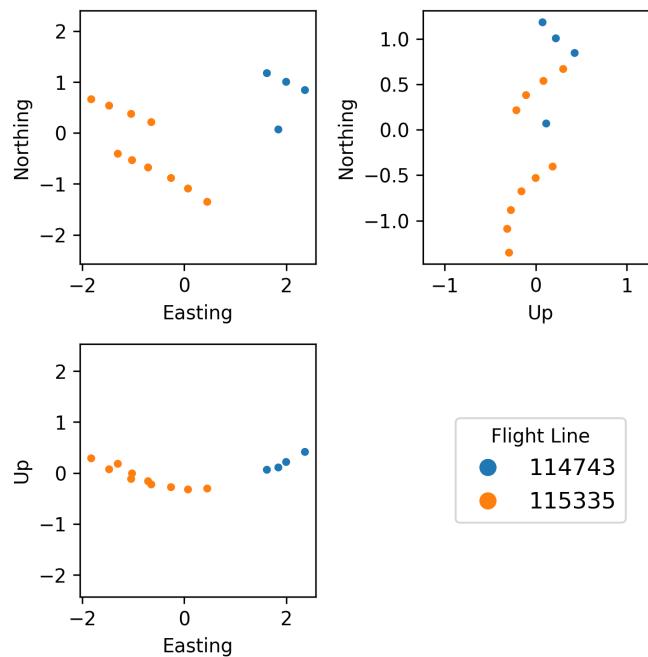
Rejected scans

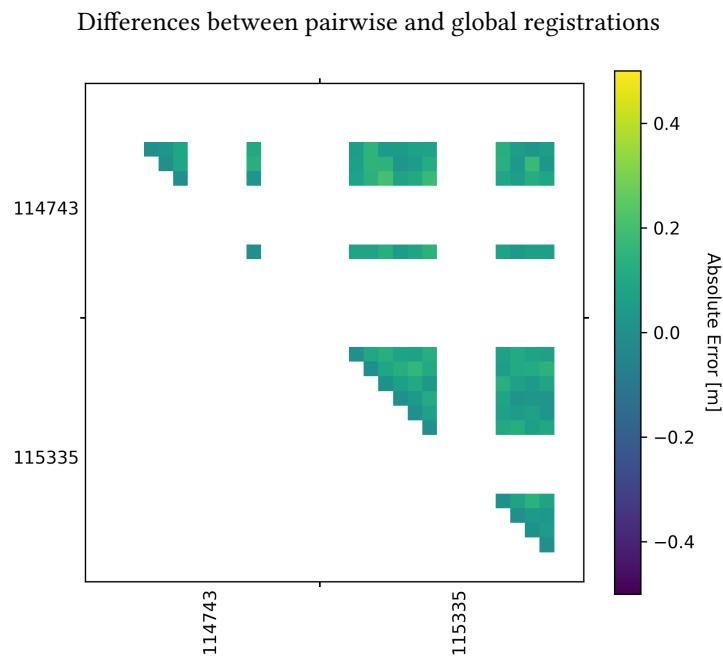
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_024_scan00233	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_024_scan00240	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_024_scan00248	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_024_scan00256	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_024_scan00288	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00233	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00240	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00248	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00264	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00272	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00280	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_024_scan00288	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_024_scan00326	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_024_scan00333	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_024_scan00386	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_024_scan00326	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_024_scan00333	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_024_scan00340	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_024_scan00379	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_024_scan00386	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

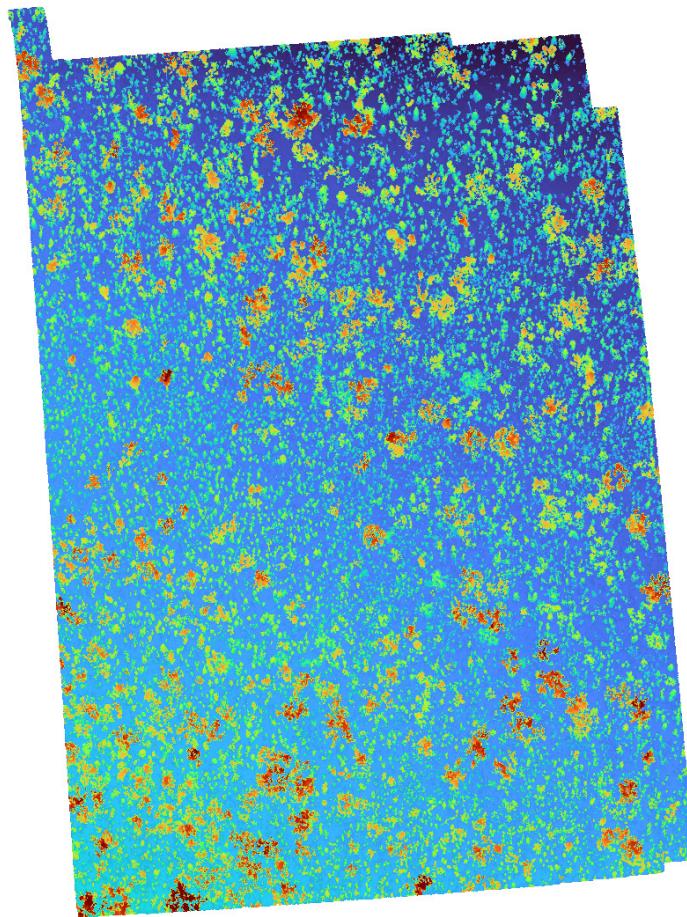
Plot of transforms





M112_025

Area collected

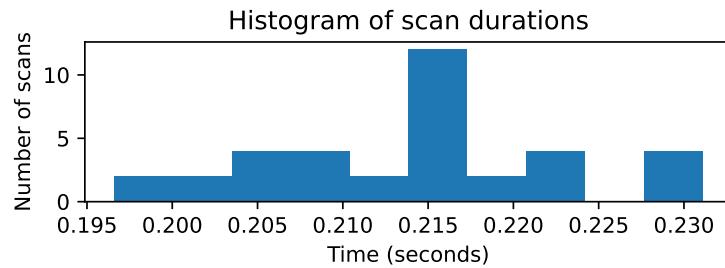


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00273

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	674,366,875
Scanning start time	2025-05-29 11:49:14 UTC
Scanning end time	2025-05-29 11:55:34 UTC
Scanning time elapsed	7.724400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	15
Percent of scans kept	41.7%
Detections kept	293,523,733
Percent of detections kept	43.5%
Mean density	NOT FOUND points/meter ³

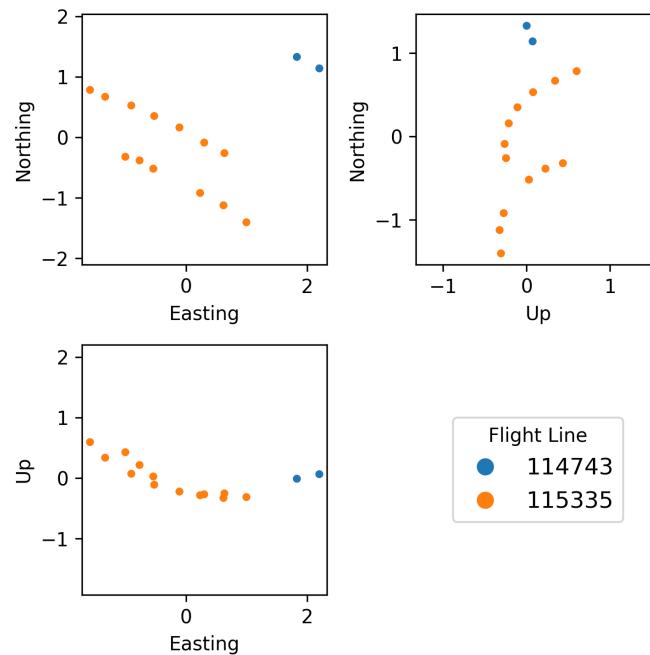
Rejected scans

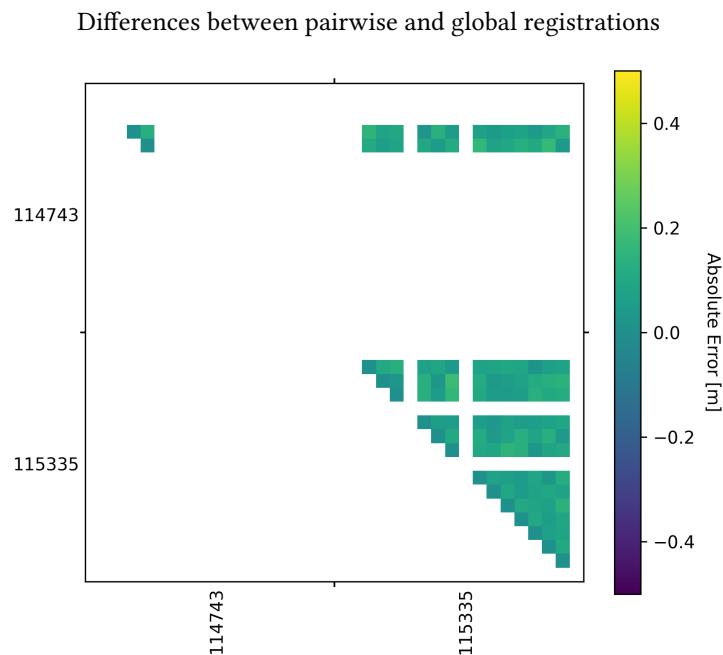
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00242	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00250	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00258	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00281	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00289	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00296	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_025_scan00304	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00242	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00250	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00258	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00266	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00273	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00281	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00289	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00296	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_025_scan00304	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_025_scan00317	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_025_scan00324	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_025_scan00355	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_025_scan00317	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_025_scan00378	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

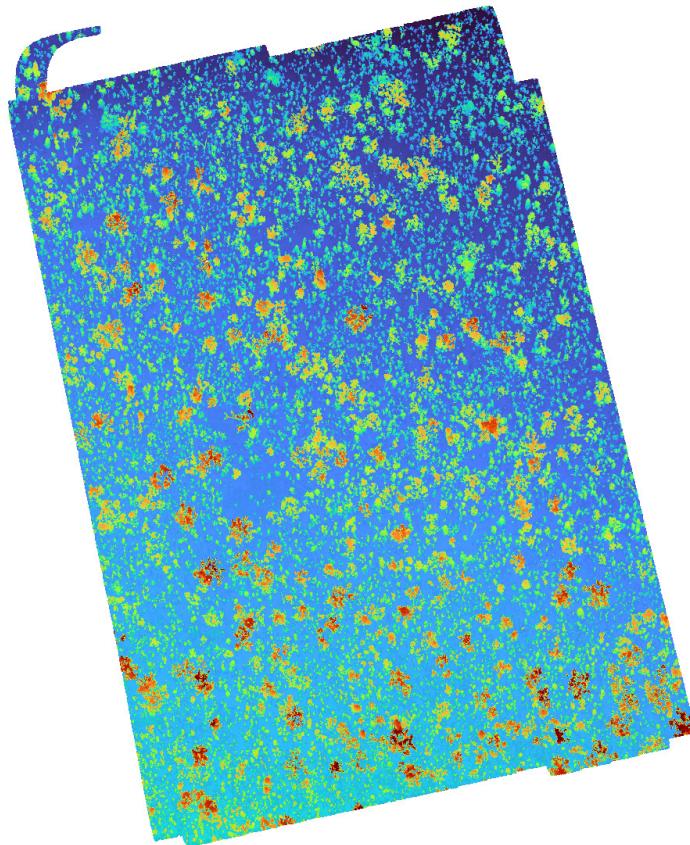
Plot of transforms





M112_026

Area collected

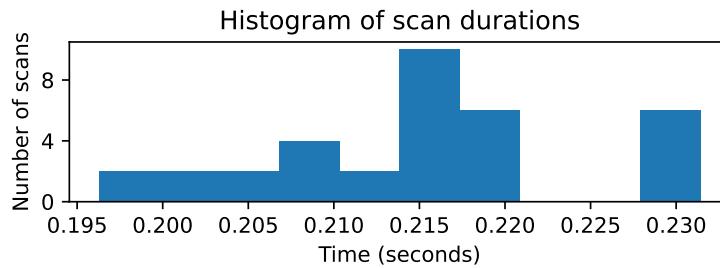


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00277

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	643,396,553
Scanning start time	2025-05-29 11:49:16 UTC
Scanning end time	2025-05-29 11:55:32 UTC
Scanning time elapsed	7.314600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	15
Percent of scans kept	44.1%
Detections kept	288,571,715
Percent of detections kept	44.9%
Mean density	NOT FOUND points/meter ³

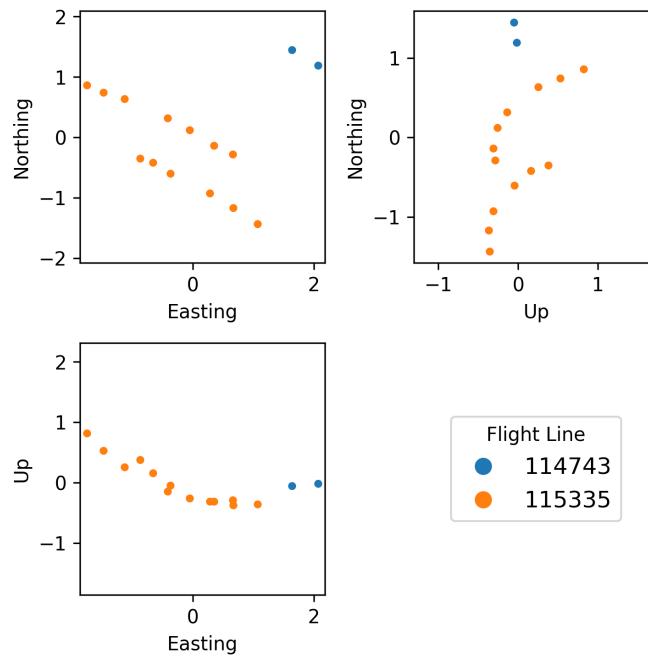
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00251	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00260	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00286	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00295	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00303	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_026_scan00312	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00251	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00260	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00269	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00277	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00286	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00295	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00303	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_026_scan00312	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_026_scan00307	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_026_scan00315	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_026_scan00346	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_026_scan00307	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_026_scan00346	Inconsistent registration

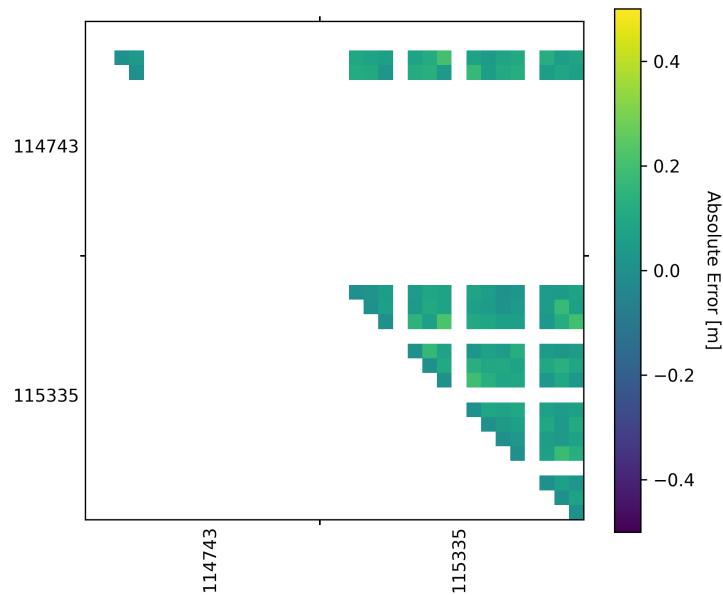
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

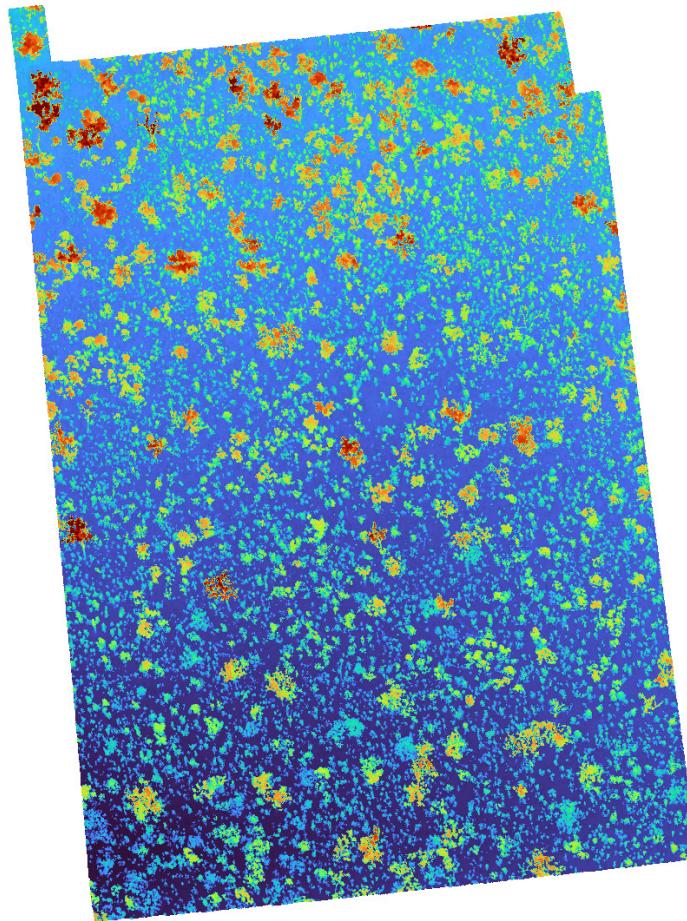


Differences between pairwise and global registrations



M112_027

Area collected

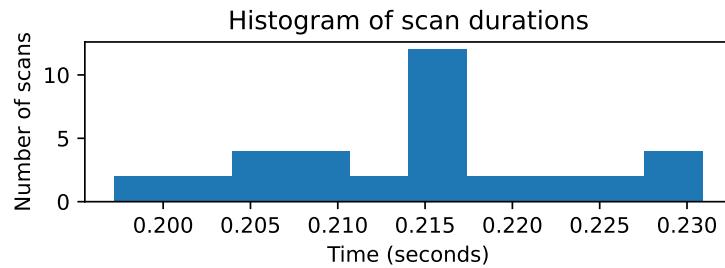


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_027_scan00329

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	682,781,019
Scanning start time	2025-05-29 11:49:18 UTC
Scanning end time	2025-05-29 11:55:30 UTC
Scanning time elapsed	7.720800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	13
Percent of scans kept	36.1%
Detections kept	248,357,562
Percent of detections kept	36.4%
Mean density	NOT FOUND points/meter ³

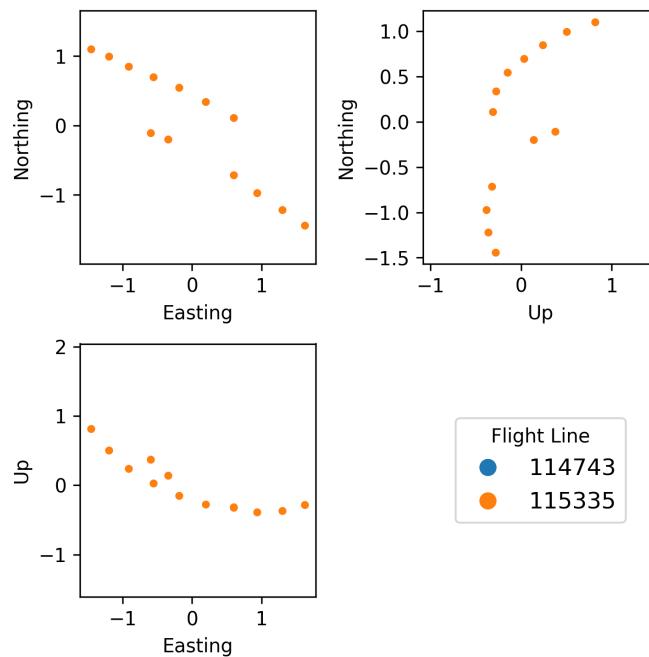
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00259	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00267	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00274	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00282	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00290	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00297	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00305	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00313	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_027_scan00321	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00259	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00267	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00274	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00282	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00290	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00297	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00305	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00313	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan_M112_027_scan00321	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_027_scan00298	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_027_scan00337	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_027_scan00344	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_027_scan00298	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_027_scan00305	Inconsistent registration

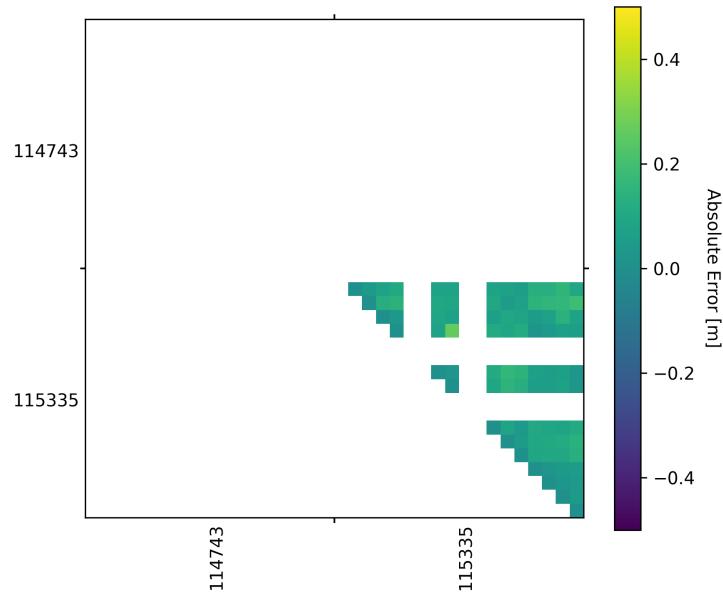
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

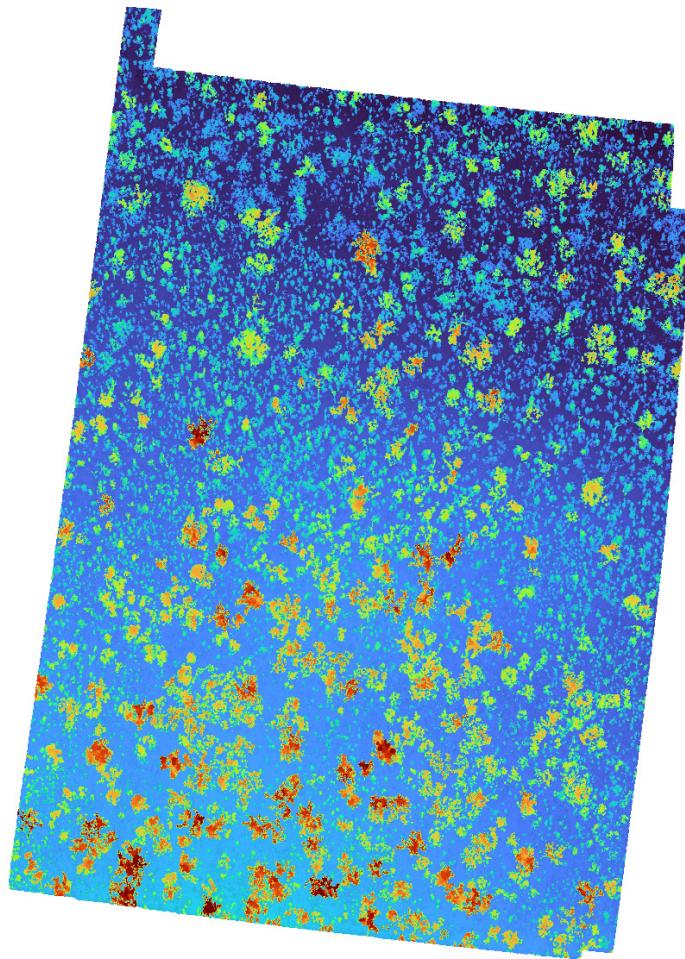


Differences between pairwise and global registrations



M112_028

Area collected

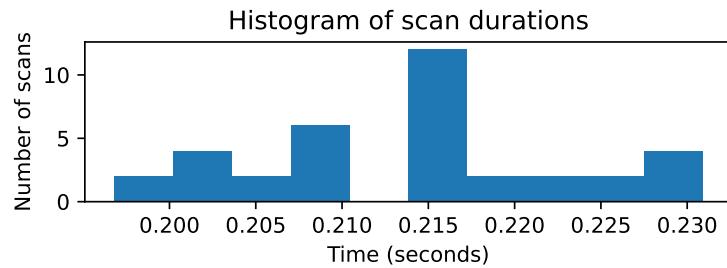


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan.M112_028_scan00306

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	690,878,110
Scanning start time	2025-05-29 11:49:20 UTC
Scanning end time	2025-05-29 11:55:29 UTC
Scanning time elapsed	7.705400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	22
Percent of scans kept	61.1%
Detections kept	436,269,031
Percent of detections kept	63.1%
Mean density	NOT FOUND points/meter ³

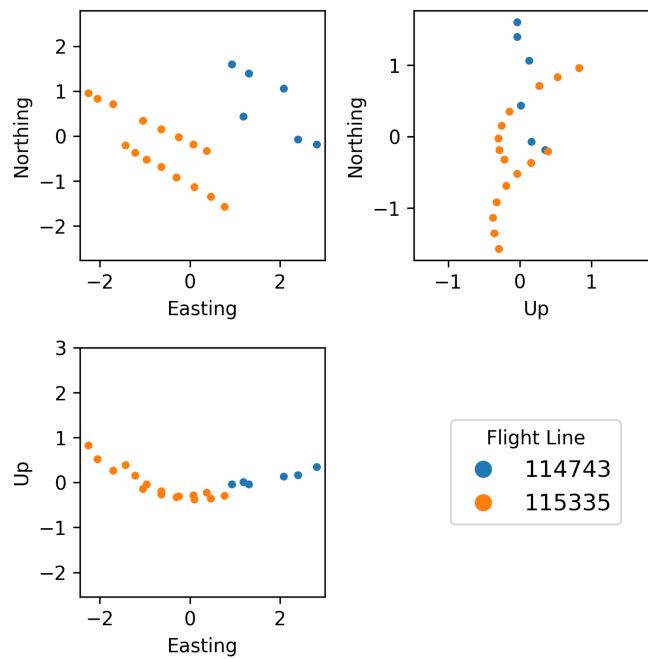
Rejected scans

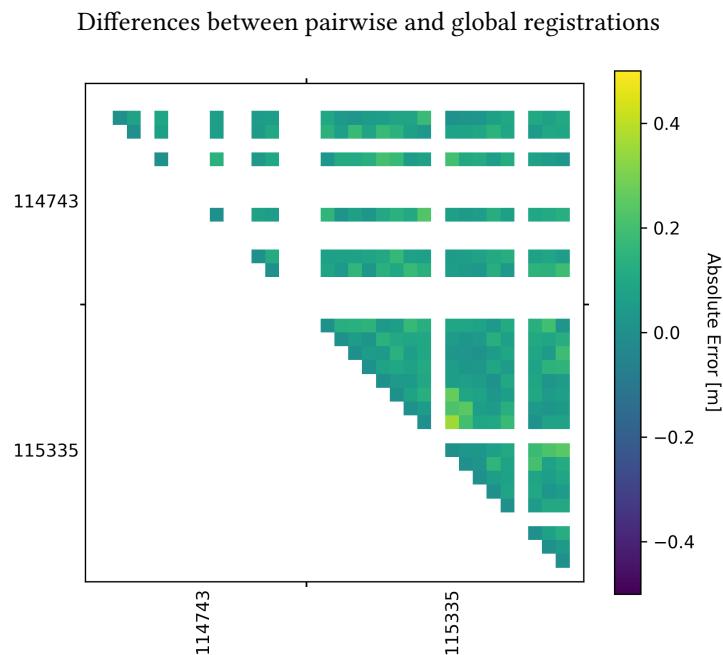
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_028_scan00268	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_028_scan00275	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_028_scan00298	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_028_scan00314	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_028_scan00322	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_028_scan00268	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_028_scan00283	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_028_scan00291	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_028_scan00314	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_028_scan00322	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_028_scan00289	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_028_scan00357	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_028_scan00328	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_028_scan00357	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

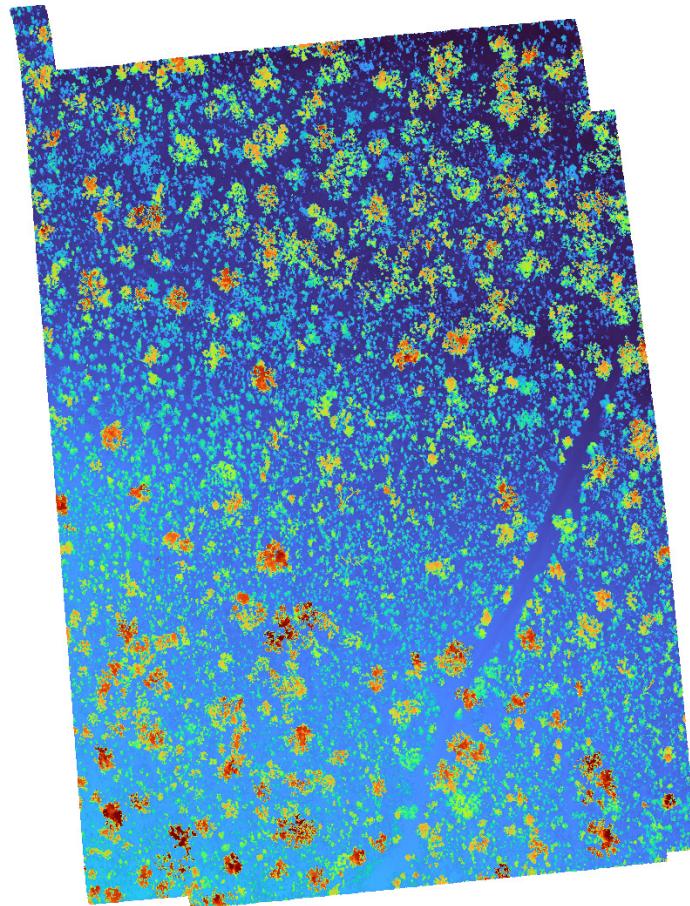
Plot of transforms





M112_029

Area collected

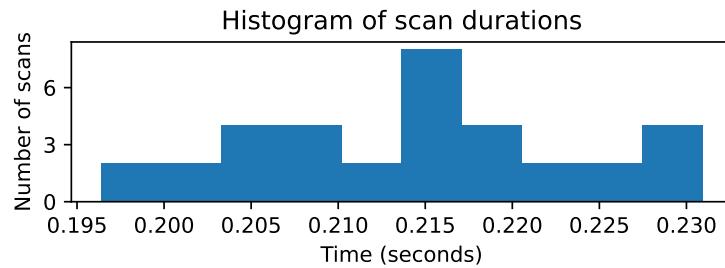


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan.M112_029_scan00307

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	649,452,094
Scanning start time	2025-05-29 11:49:22 UTC
Scanning end time	2025-05-29 11:55:26 UTC
Scanning time elapsed	7.276000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	21
Percent of scans kept	61.8%
Detections kept	399,900,841
Percent of detections kept	61.6%
Mean density	NOT FOUND points/meter ³

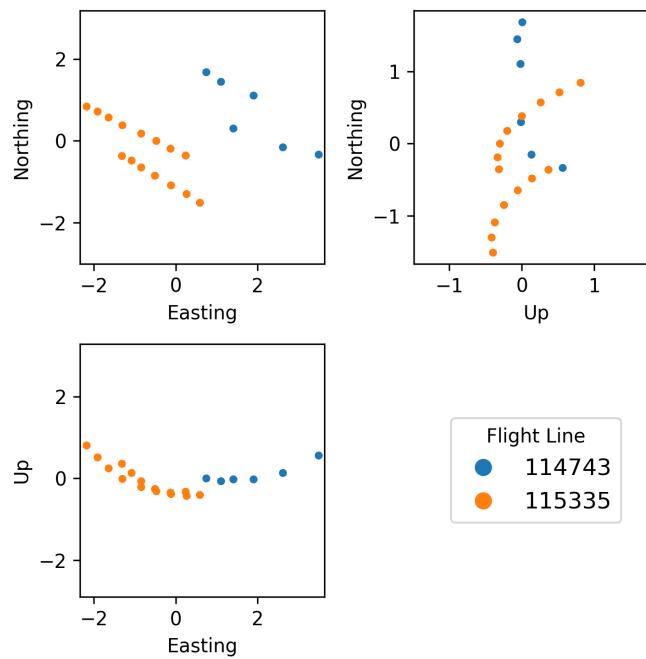
Rejected scans

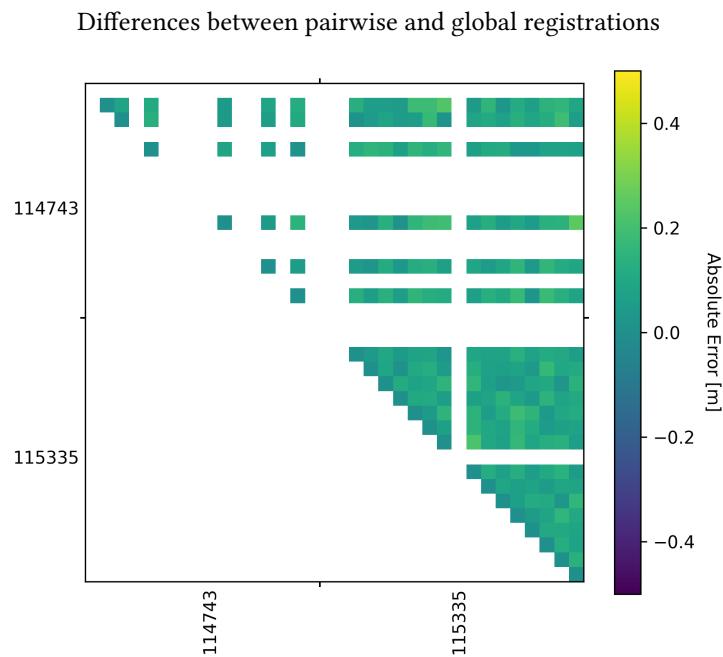
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_029_scan00276	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_029_scan00299	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_029_scan00315	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_029_scan00323	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_029_scan00330	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_029_scan00276	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_029_scan00292	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_029_scan00299	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_029_scan00315	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_029_scan00330	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_029_scan00279	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_029_scan00287	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_029_scan00279	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

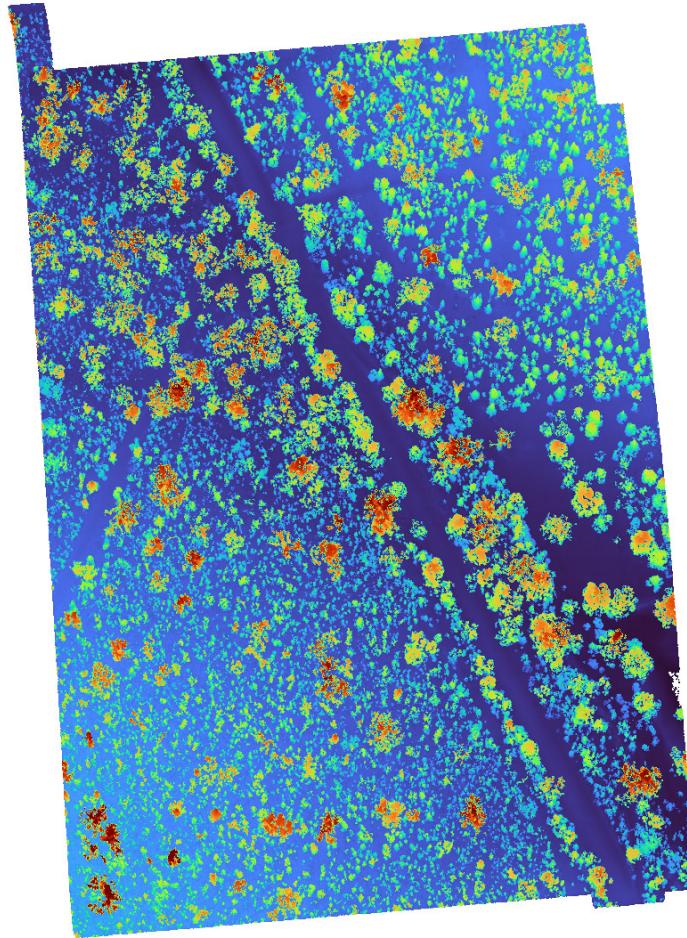
Plot of transforms





M112_030

Area collected

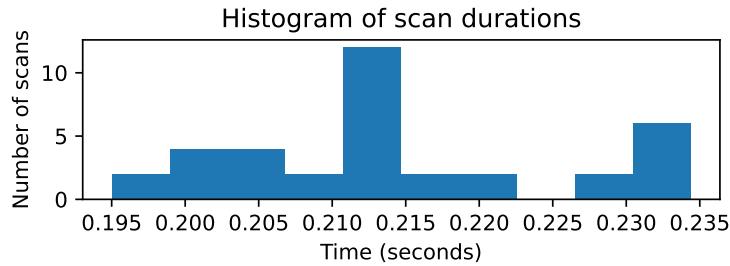


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_030_scan00316

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	702,143,842
Scanning start time	2025-05-29 11:49:24 UTC
Scanning end time	2025-05-29 11:55:23 UTC
Scanning time elapsed	7.710800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	26
Percent of scans kept	72.2%
Detections kept	510,605,334
Percent of detections kept	72.7%
Mean density	NOT FOUND points/meter ³

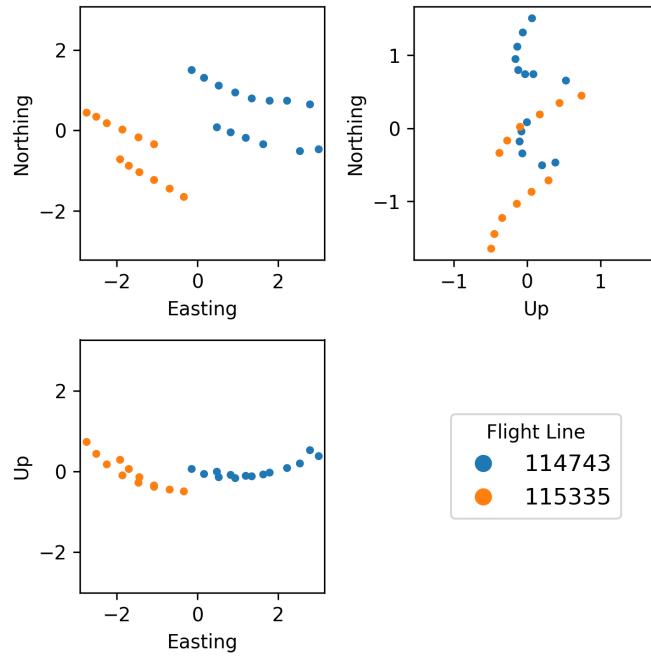
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_030_scan00338	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_030_scan00316	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_030_scan00338	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_030_scan00346	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_030.scan00270	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_030.scan00277	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_030.scan00285	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_030.scan00270	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_030.scan00277	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_030.scan00285	Inconsistent registration

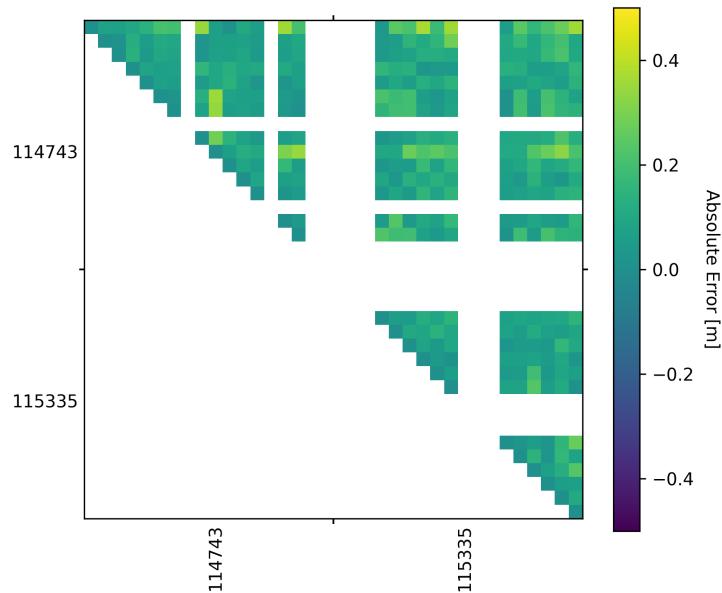
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

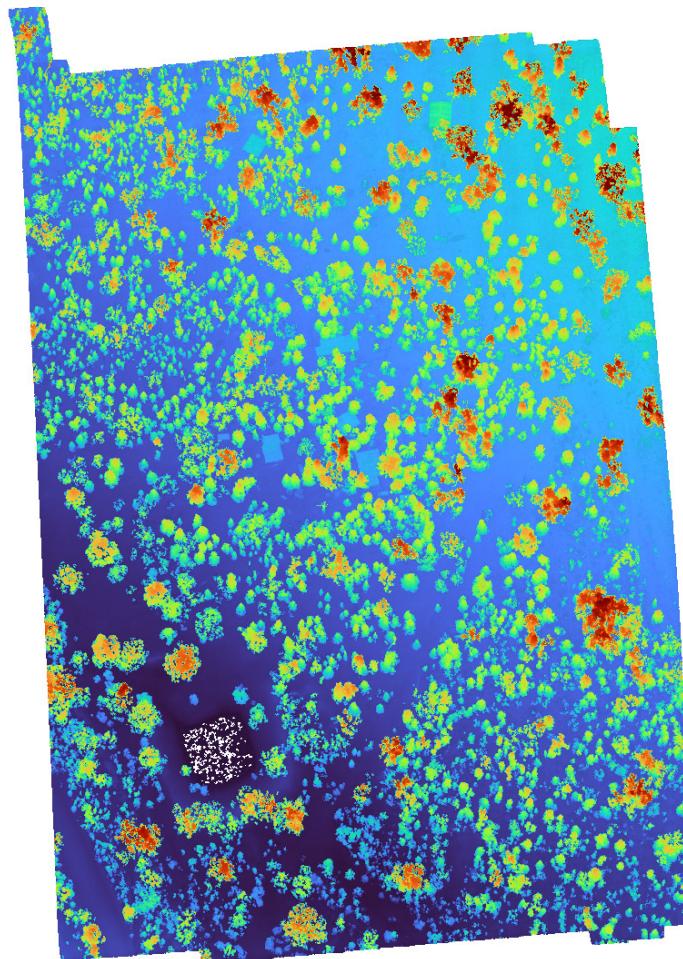


Differences between pairwise and global registrations



M112_031

Area collected

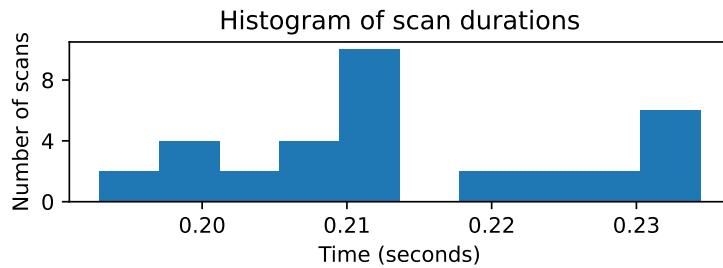


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan.M112_031_scan00325

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	699,201,379
Scanning start time	2025-05-29 11:49:26 UTC
Scanning end time	2025-05-29 11:55:21 UTC
Scanning time elapsed	7.282600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	27
Percent of scans kept	79.4%
Detections kept	565,511,412
Percent of detections kept	80.9%
Mean density	NOT FOUND points/meter ³

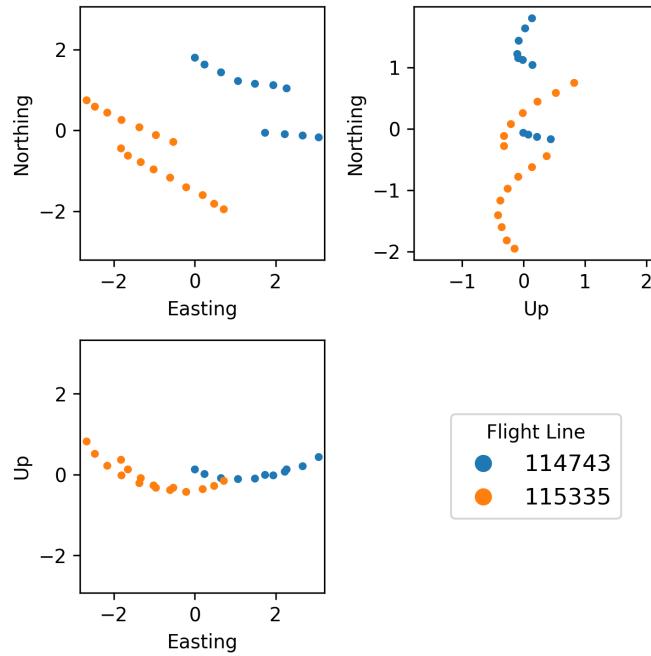
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_031_scan00347	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_031_scan00294	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_031_scan00301	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_031_scan00309	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_031_scan00347	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_031_scan00260	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_031_scan00267	Inconsistent registration

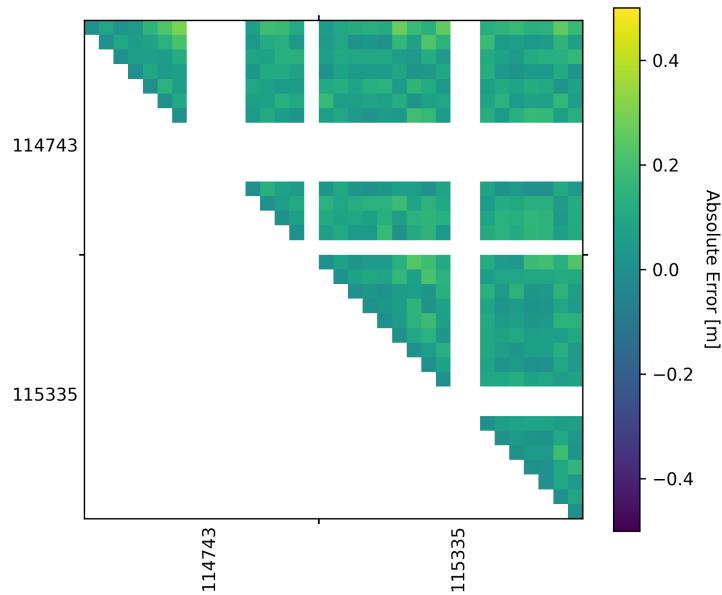
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

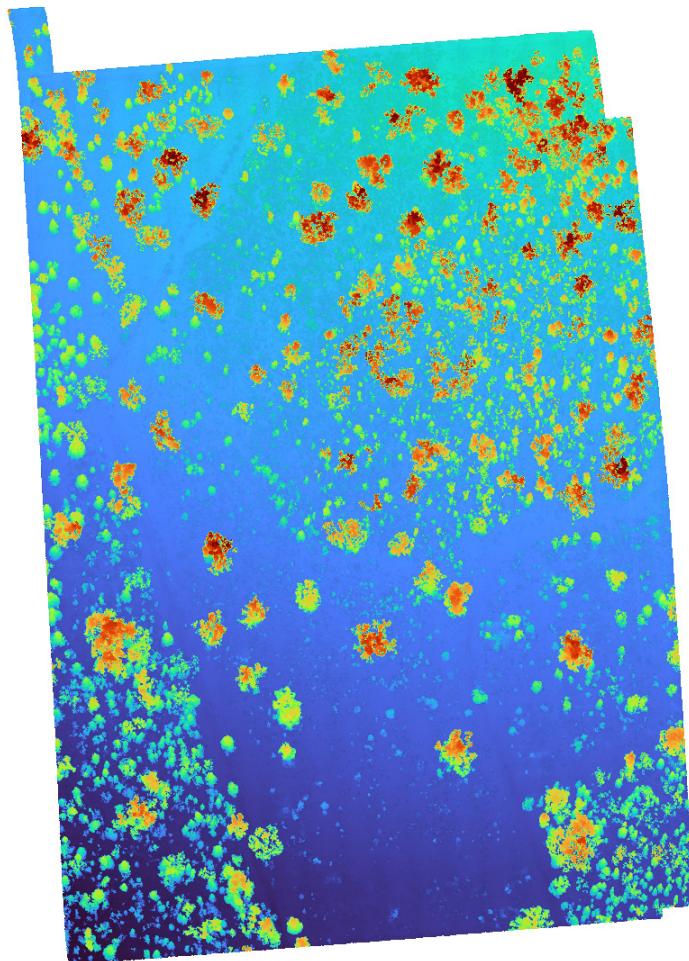


Differences between pairwise and global registrations



M112_032

Area collected

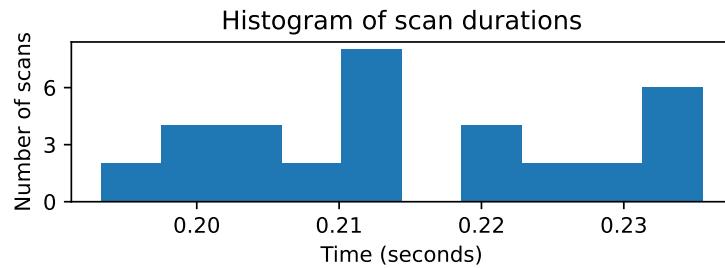


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_032_scan00333

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	703,202,947
Scanning start time	2025-05-29 11:49:28 UTC
Scanning end time	2025-05-29 11:55:19 UTC
Scanning time elapsed	7.308600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	97.1%
Detections kept	683,296,739
Percent of detections kept	97.2%
Mean density	NOT FOUND points/meter ³

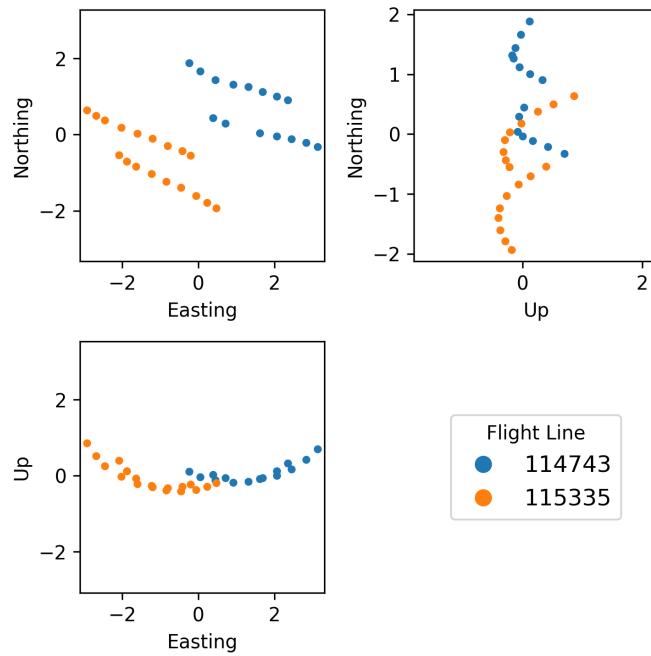
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan_M112_032_scan00318	Inconsistent registration

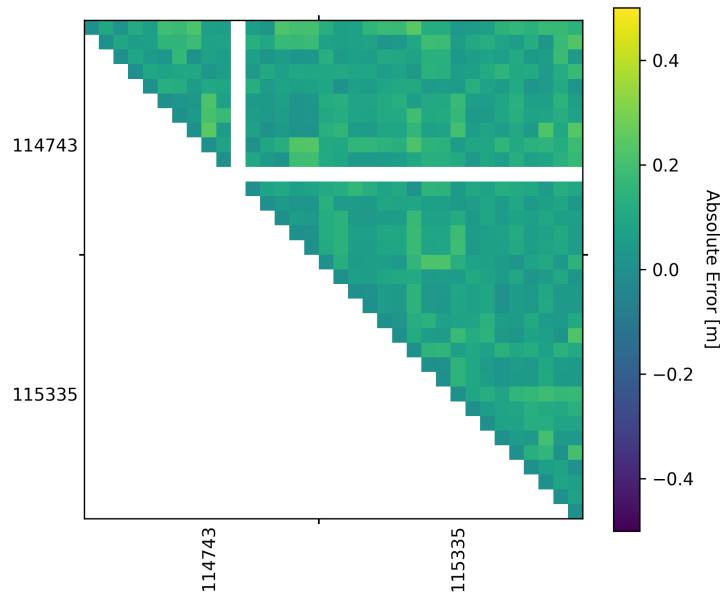
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

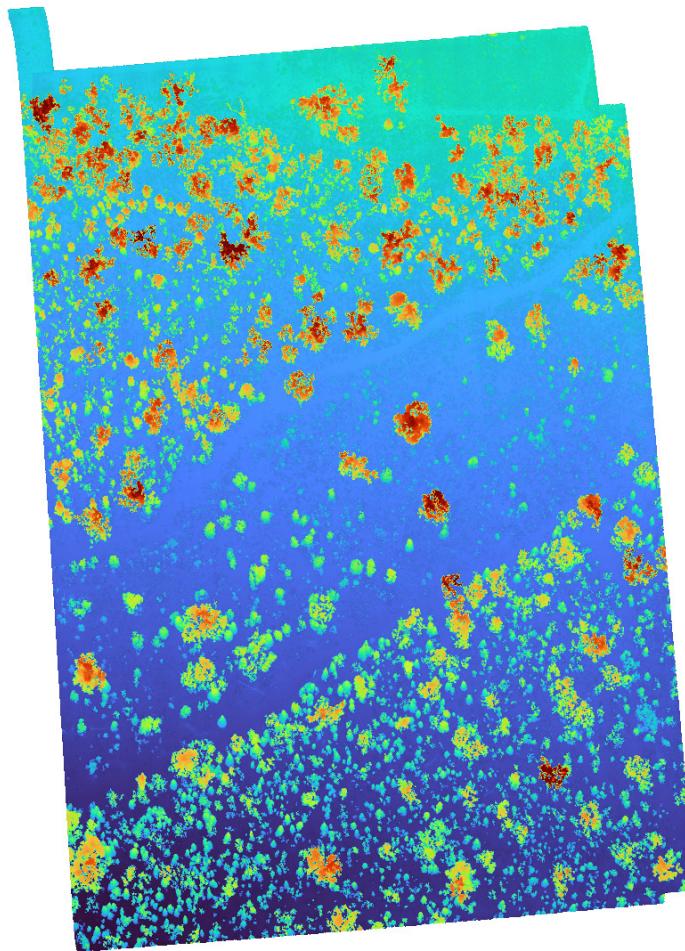


Differences between pairwise and global registrations



M112_033

Area collected

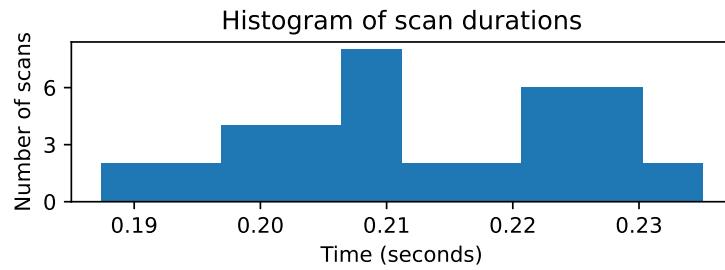


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_033_scan00341

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	746,847,791
Scanning start time	2025-05-29 11:49:30 UTC
Scanning end time	2025-05-29 11:55:19 UTC
Scanning time elapsed	8.097000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	32
Percent of scans kept	84.2%
Detections kept	632,300,960
Percent of detections kept	84.7%
Mean density	NOT FOUND points/meter ³

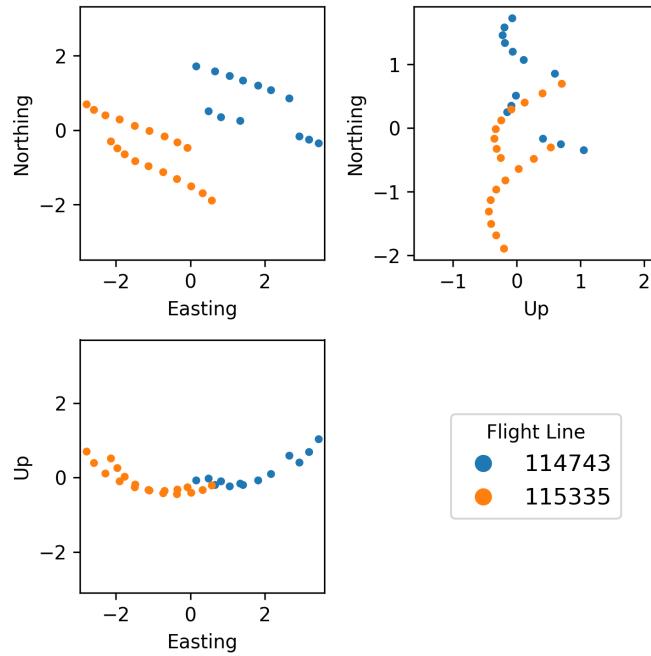
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_033_scan00311	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_033_scan00363	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_033_scan00334	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_033_scan00341	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_033_scan00349	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_033_scan00311	Inconsistent registration

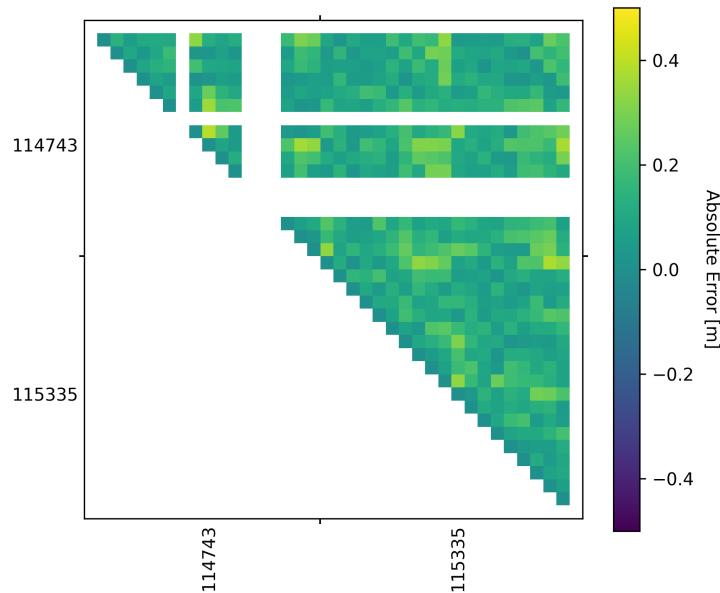
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

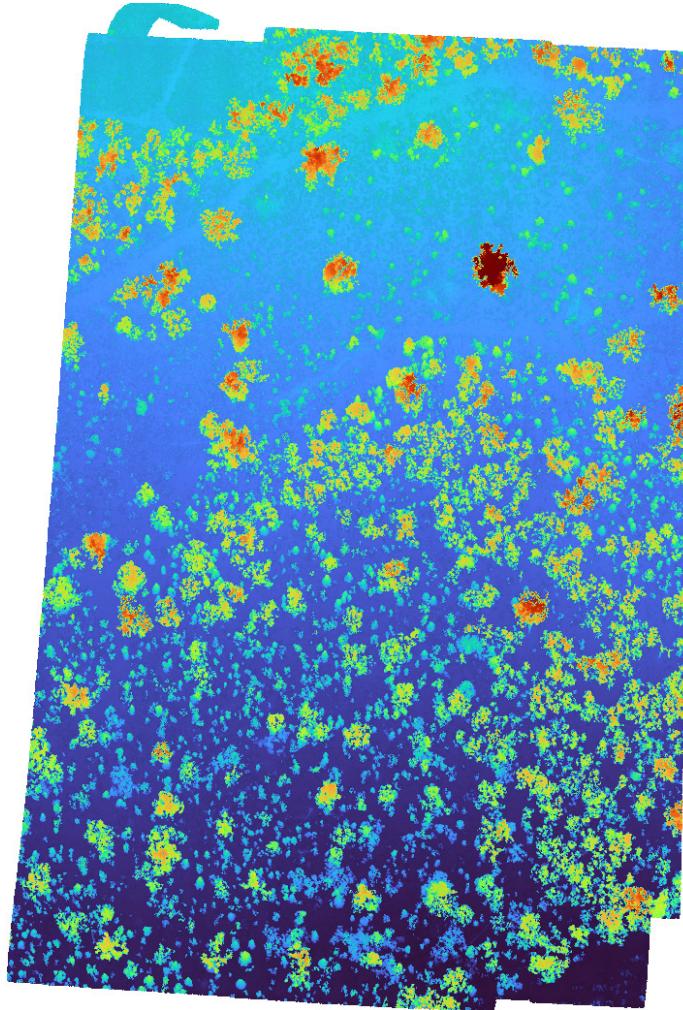


Differences between pairwise and global registrations



M112_034

Area collected

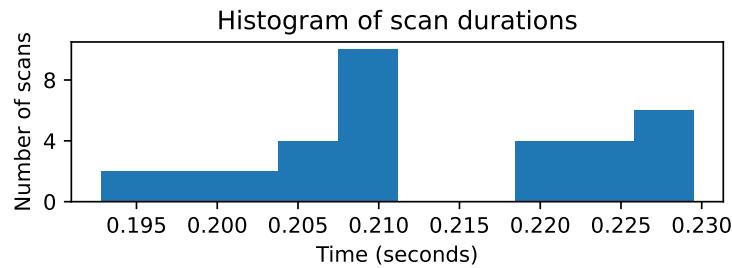


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan.M112_034_scan00354

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	677,333,192
Scanning start time	2025-05-29 11:49:32 UTC
Scanning end time	2025-05-29 11:55:15 UTC
Scanning time elapsed	7.256600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	97.1%
Detections kept	663,597,972
Percent of detections kept	98.0%
Mean density	NOT FOUND points/meter ³

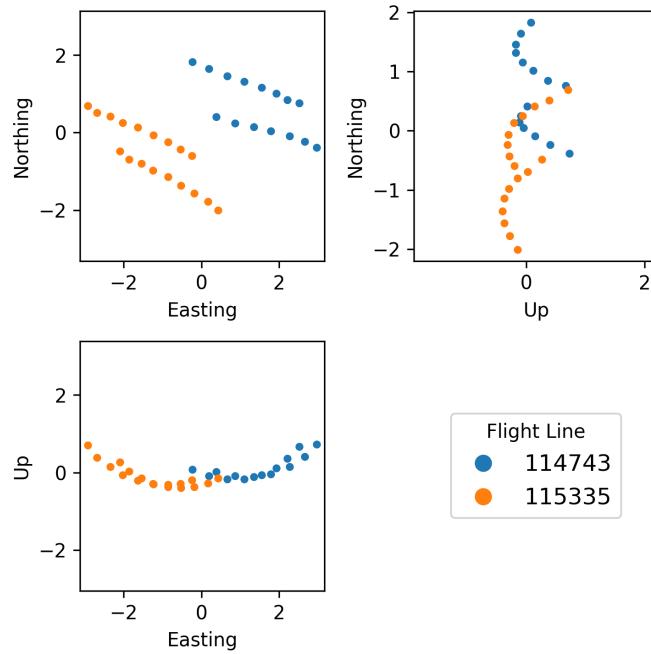
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan_M112_034_scan00379	Inconsistent registration

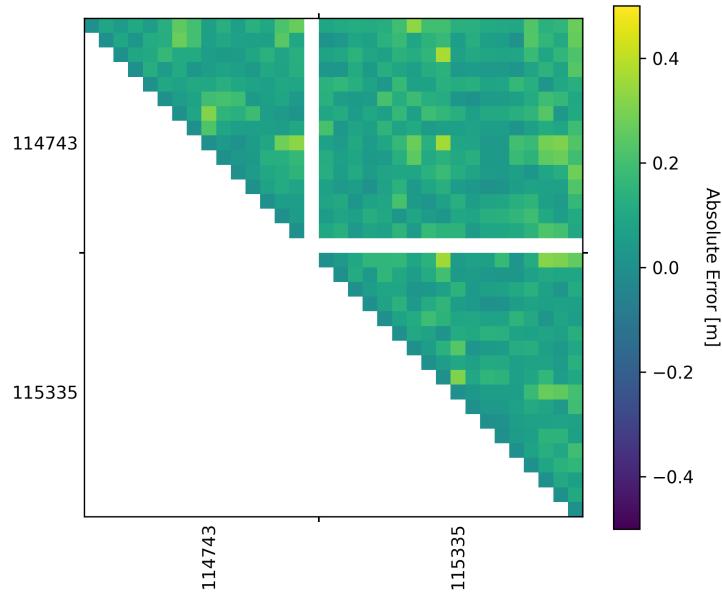
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

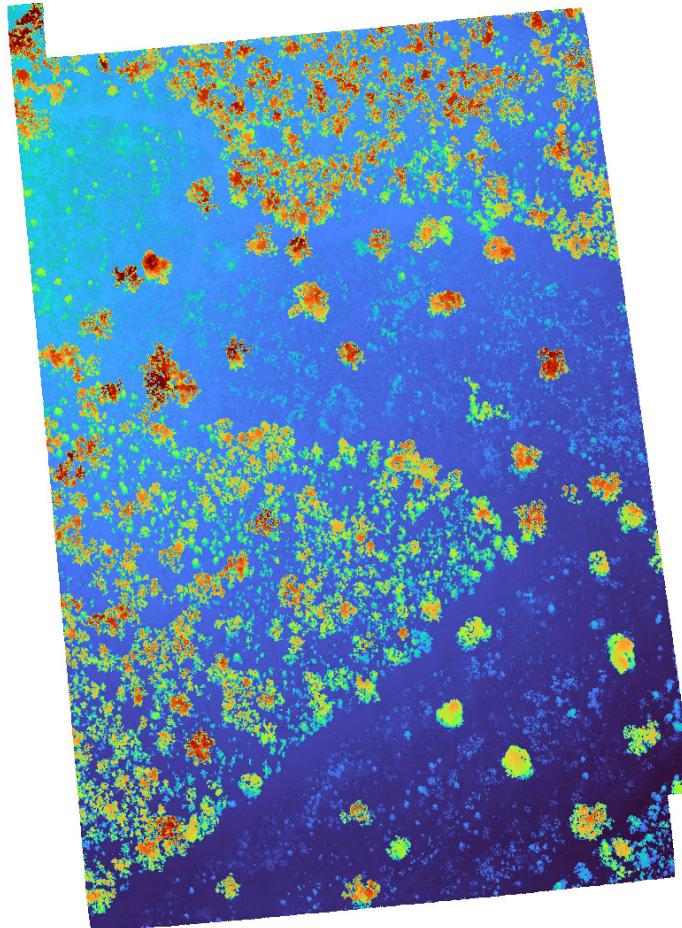


Differences between pairwise and global registrations



M112_035

Area collected

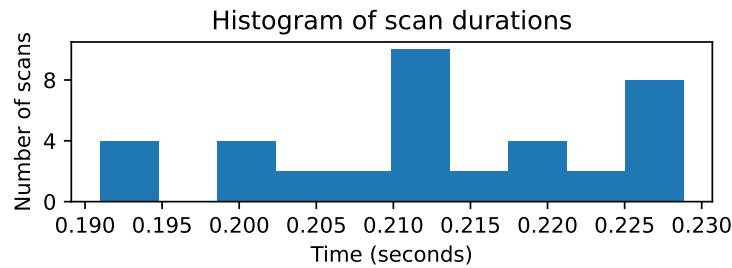


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_035_scan00357

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	705,166,712
Scanning start time	2025-05-29 11:49:34 UTC
Scanning end time	2025-05-29 11:55:15 UTC
Scanning time elapsed	8.083800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	86.8%
Detections kept	634,300,122
Percent of detections kept	90.0%
Mean density	NOT FOUND points/meter ³

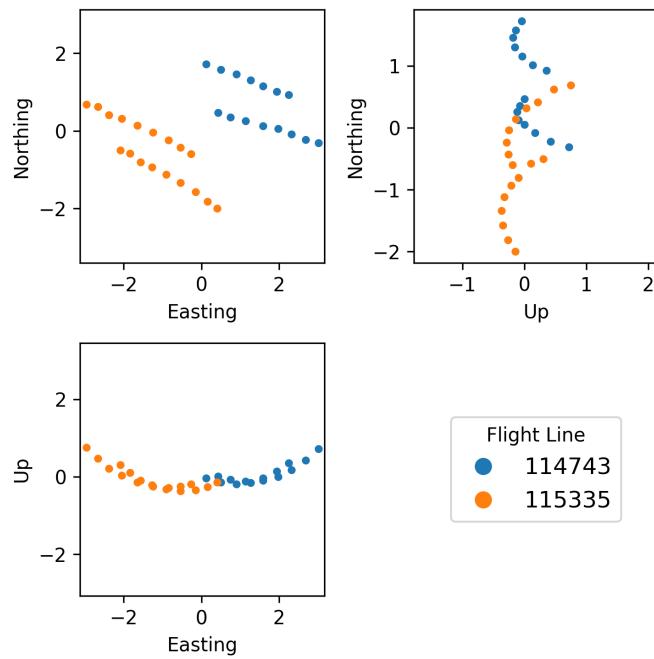
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_035_scan00328	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_035_scan00388	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_035_scan00388	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_035_scan00292	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_035_scan00292	Inconsistent registration

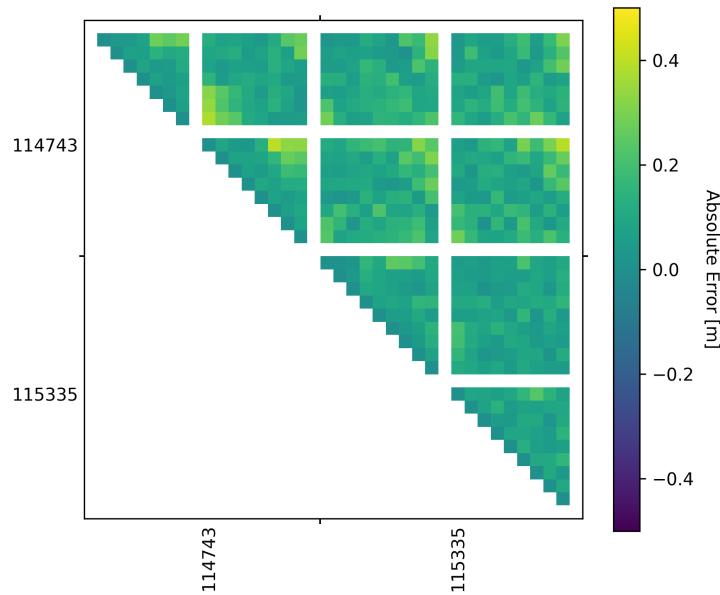
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

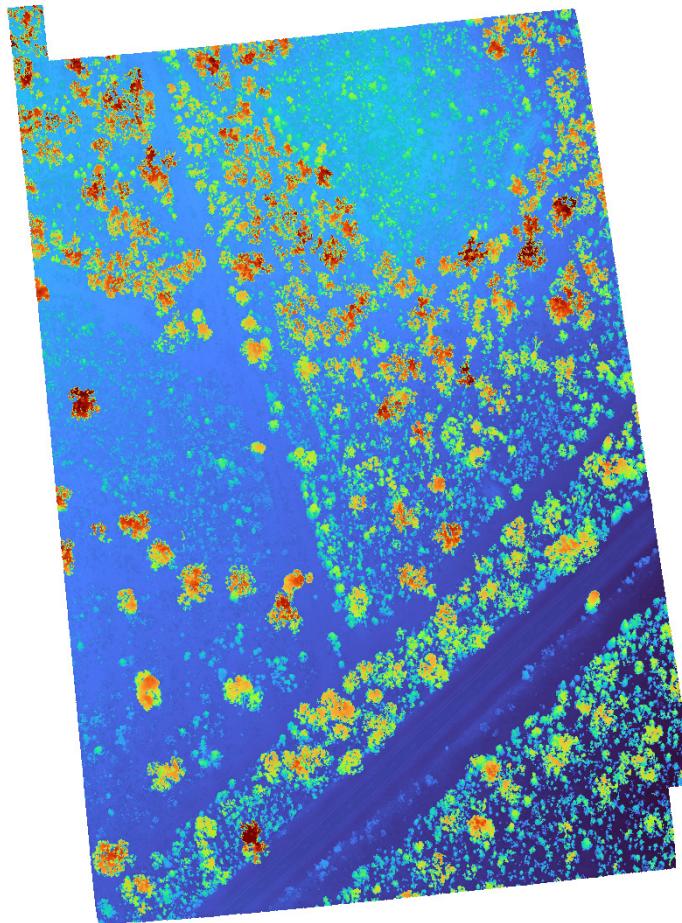


Differences between pairwise and global registrations



M112_036

Area collected

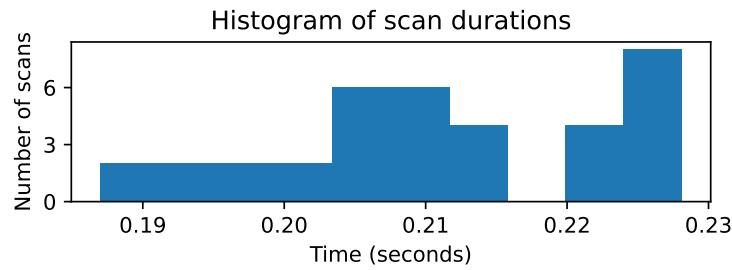


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_036_scan00365

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	679,429,648
Scanning start time	2025-05-29 11:49:36 UTC
Scanning end time	2025-05-29 11:55:13 UTC
Scanning time elapsed	7.624600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	91.7%
Detections kept	623,439,062
Percent of detections kept	91.8%
Mean density	NOT FOUND points/meter ³

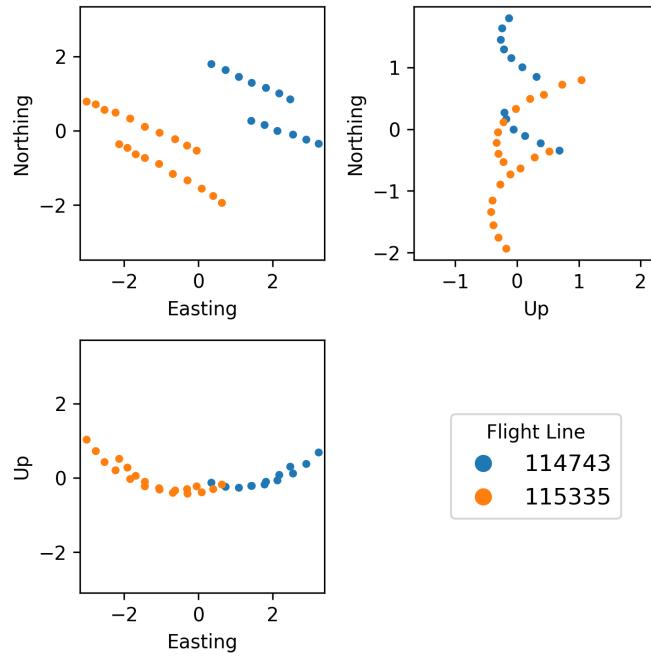
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_036_scan00336	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_036_scan00336	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_036_scan00343	Inconsistent registration

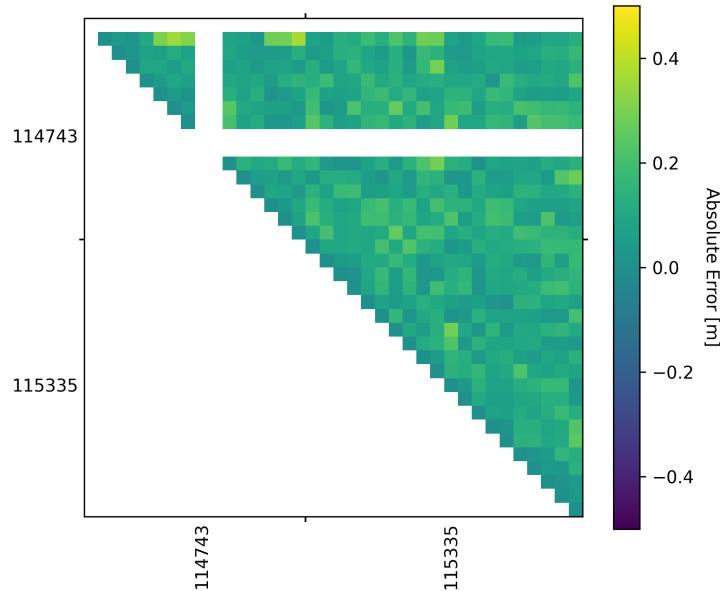
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

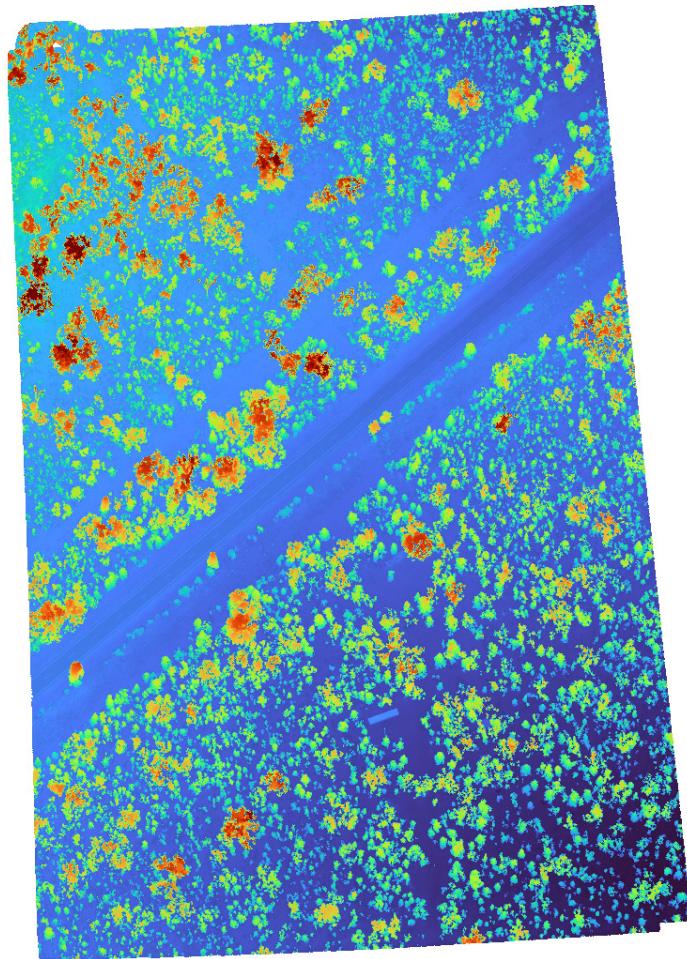


Differences between pairwise and global registrations



M112_037

Area collected

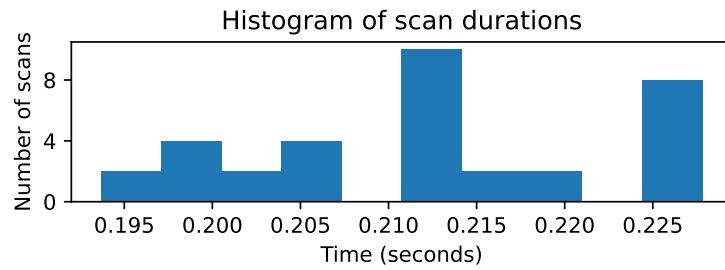


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_037_scan00375

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	660,260,481
Scanning start time	2025-05-29 11:49:38 UTC
Scanning end time	2025-05-29 11:55:09 UTC
Scanning time elapsed	7.218600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	21
Percent of scans kept	61.8%
Detections kept	422,426,286
Percent of detections kept	64.0%
Mean density	NOT FOUND points/meter ³

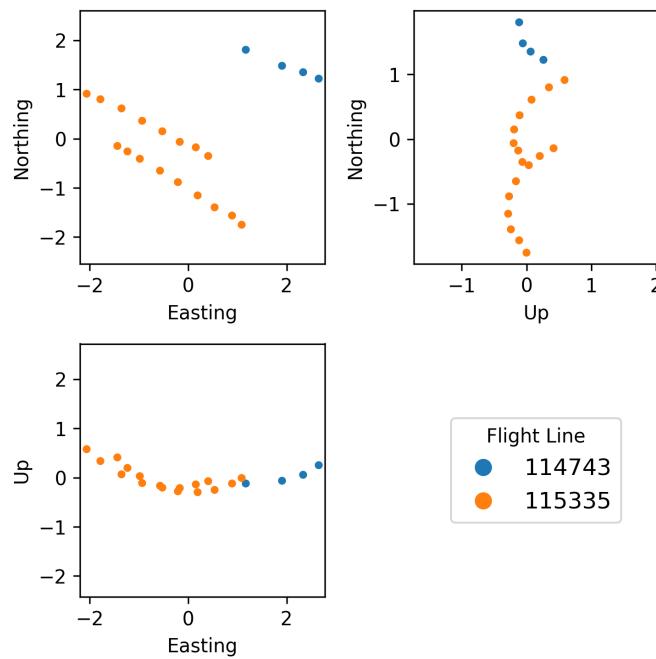
Rejected scans

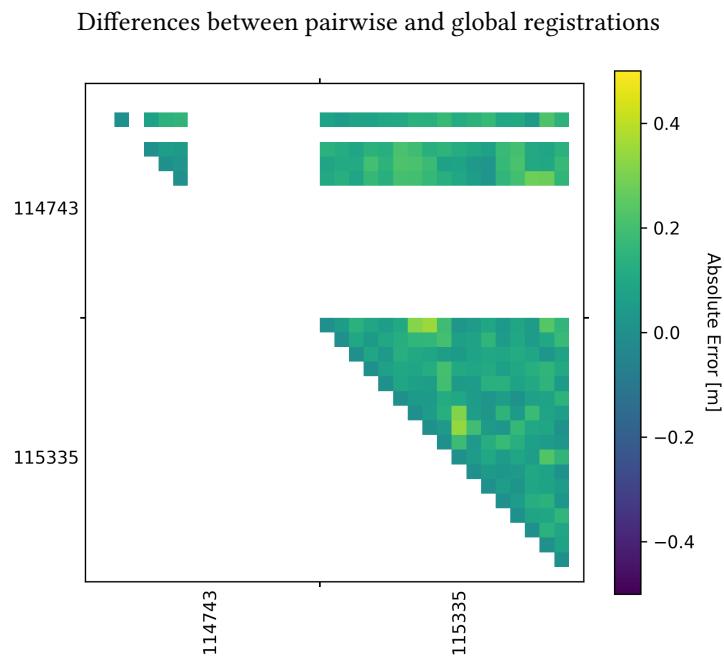
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_037_scan00344	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_037_scan00353	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_037_scan00367	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_037_scan00398	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00344	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00353	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00360	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00367	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00375	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00383	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00391	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_037_scan00398	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_037_scan00266	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

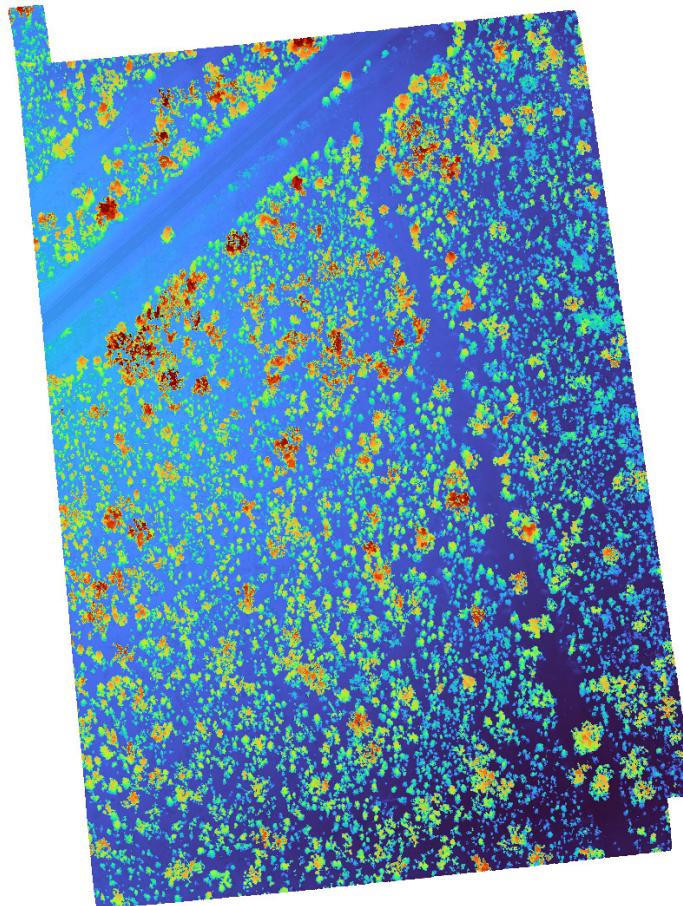
Plot of transforms





M112_038

Area collected

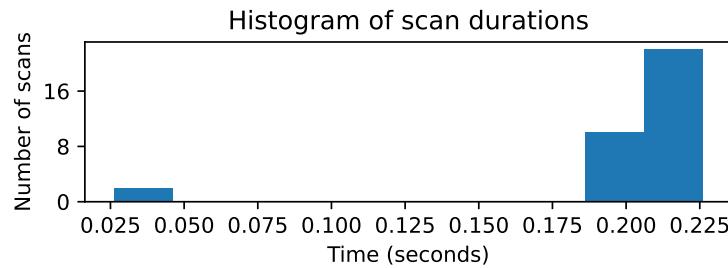


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_038_scan00382

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	623,197,130
Scanning start time	2025-05-29 11:49:40 UTC
Scanning end time	2025-05-29 11:55:07 UTC
Scanning time elapsed	6.804600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	19
Percent of scans kept	55.9%
Detections kept	370,639,784
Percent of detections kept	59.5%
Mean density	NOT FOUND points/meter ³

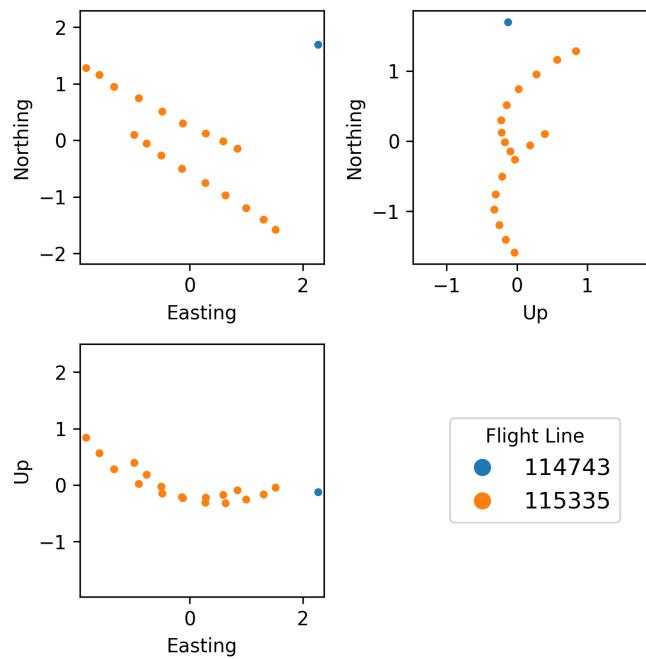
Rejected scans

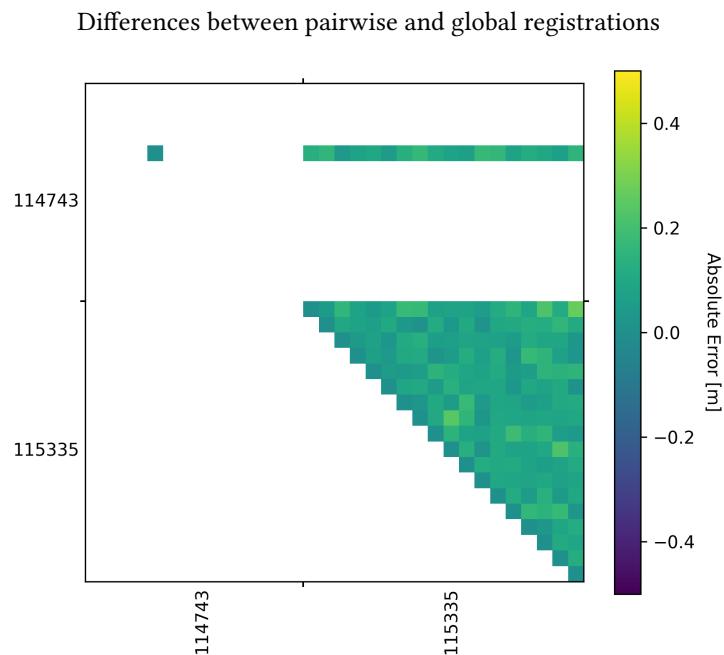
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_038_scan00352	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_038_scan00359	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_038_scan00366	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_038_scan00374	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_038.scan00390	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan.M112.038.scan00397	Low target fill
20250529_114743_jet_0120005XX_Vulcan.M112.038.scan00405	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00352	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00359	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00366	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00374	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00382	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00390	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00397	Low target fill
20250529_114743_jet_0120006XX_Vulcan.M112.038.scan00405	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

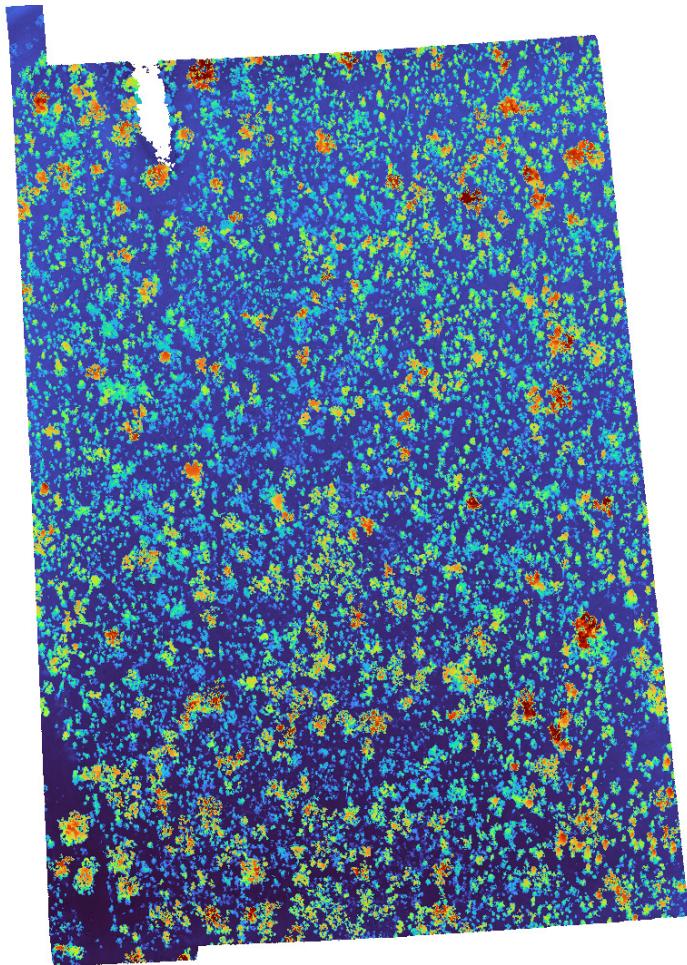
Plot of transforms





M112_039

Area collected

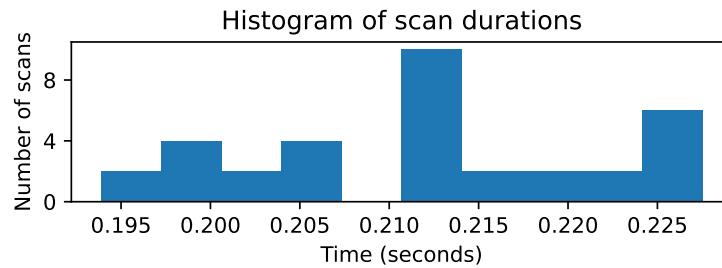


View from plane of scan 20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00392

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	638,970,832
Scanning start time	2025-05-29 11:49:42 UTC
Scanning end time	2025-05-29 11:55:05 UTC
Scanning time elapsed	7.200800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	21
Percent of scans kept	61.8%
Detections kept	406,338,548
Percent of detections kept	63.6%
Mean density	NOT FOUND points/meter ³

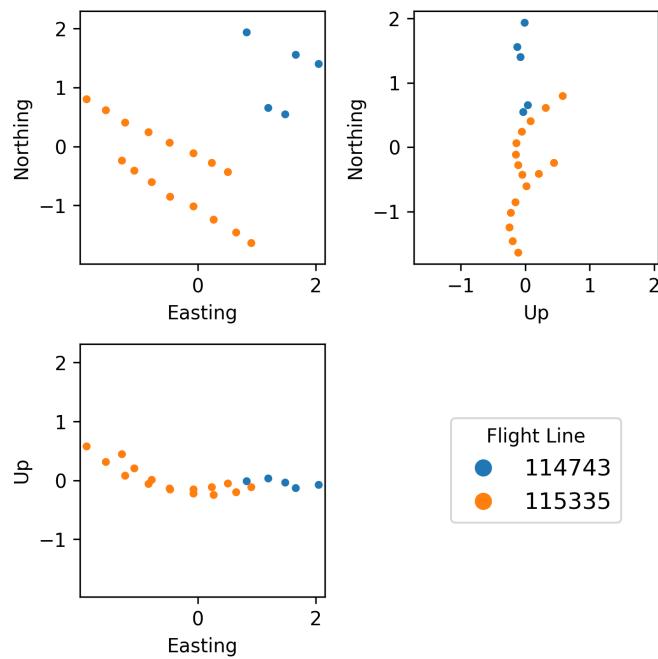
Rejected scans

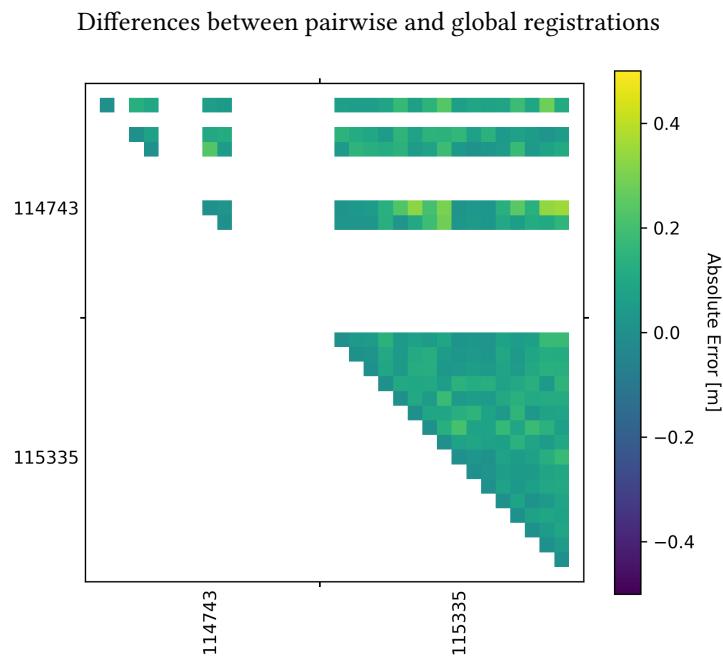
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00361	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00376	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00400	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00407	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_039_scan00414	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00376	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00384	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00392	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00400	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00407	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_039_scan00414	Poor pairwise overlap
20250529_115335_jet_0120005XX_Vulcan_M112_039_scan00184	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_039_scan00247	Poor pairwise overlap

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

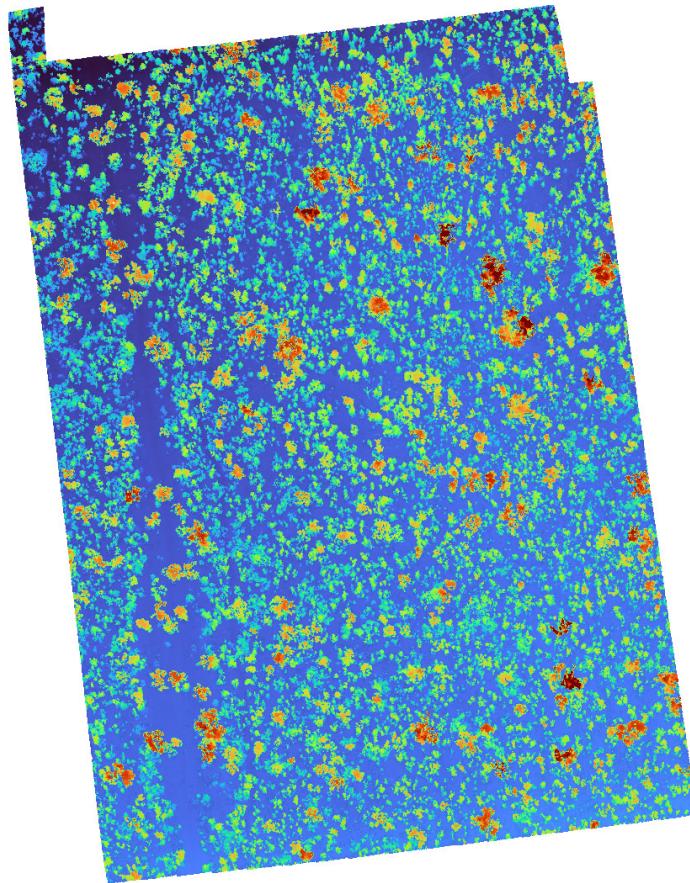
Plot of transforms





M112_040

Area collected

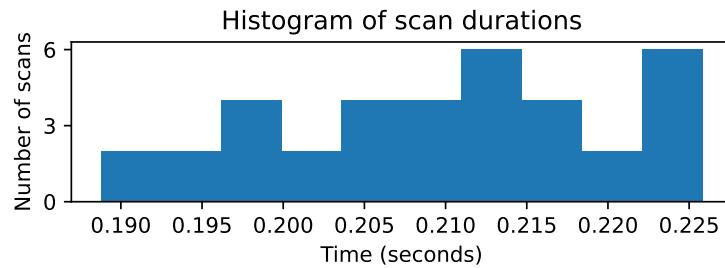


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_040_scan00206

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	674,514,561
Scanning start time	2025-05-29 11:49:44 UTC
Scanning end time	2025-05-29 11:55:04 UTC
Scanning time elapsed	7.557000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	19
Percent of scans kept	52.8%
Detections kept	365,778,762
Percent of detections kept	54.2%
Mean density	NOT FOUND points/meter ³

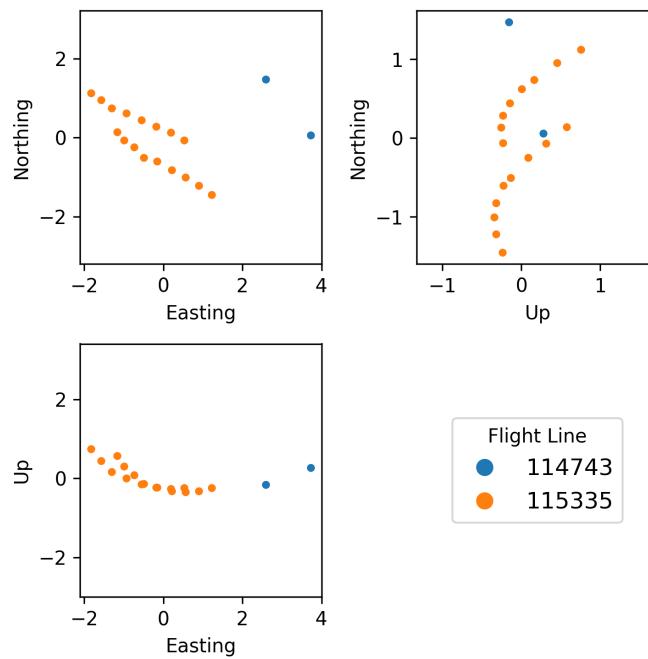
Rejected scans

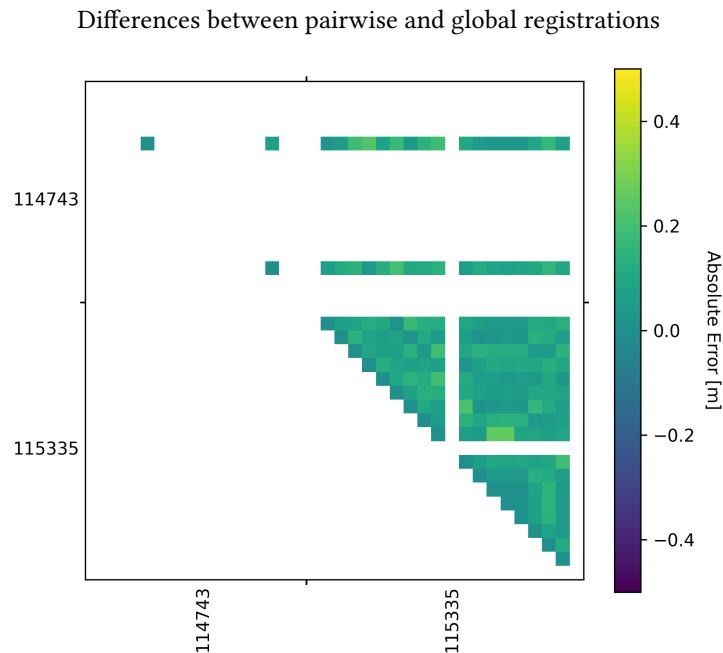
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_040_scan00369	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040_scan00377	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040_scan00385	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040_scan00393	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040.scan00409	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040.scan00417	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_040.scan00424	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00369	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00377	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00385	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00393	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00401	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00417	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_040.scan00424	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_040.scan00175	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_040.scan00175	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_040.scan00245	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

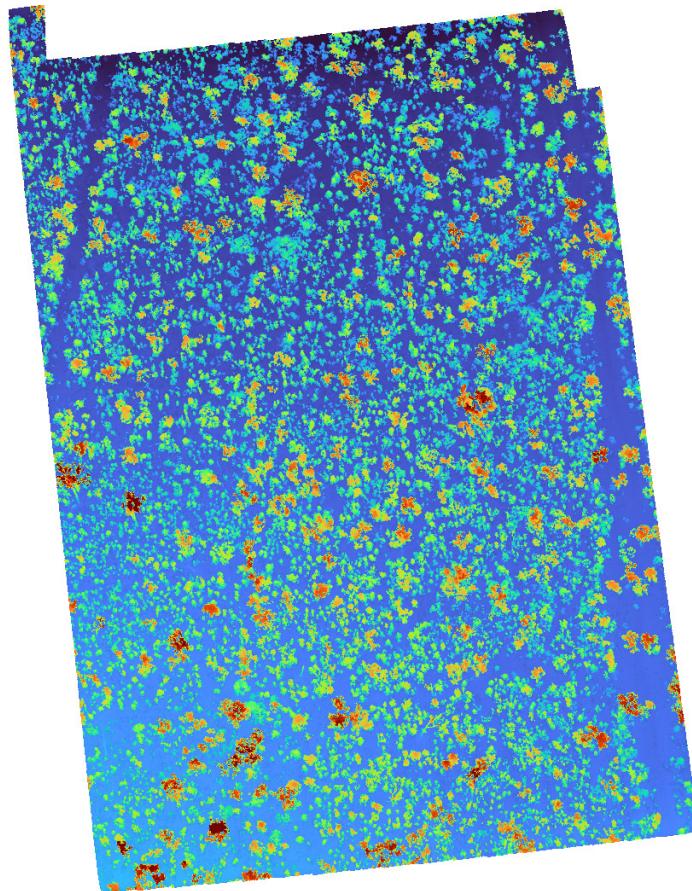
Plot of transforms





M112_041

Area collected

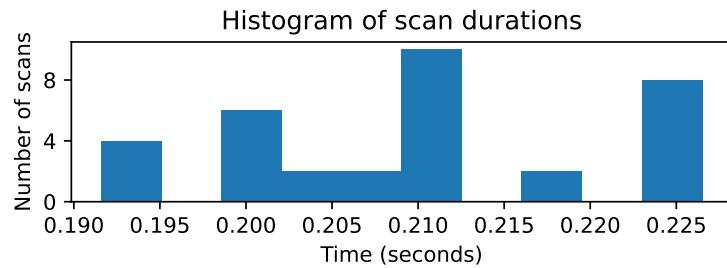


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_041_scan00197

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	650,392,432
Scanning start time	2025-05-29 11:49:46 UTC
Scanning end time	2025-05-29 11:55:02 UTC
Scanning time elapsed	7.138400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	25
Percent of scans kept	73.5%
Detections kept	496,030,255
Percent of detections kept	76.3%
Mean density	NOT FOUND points/meter ³

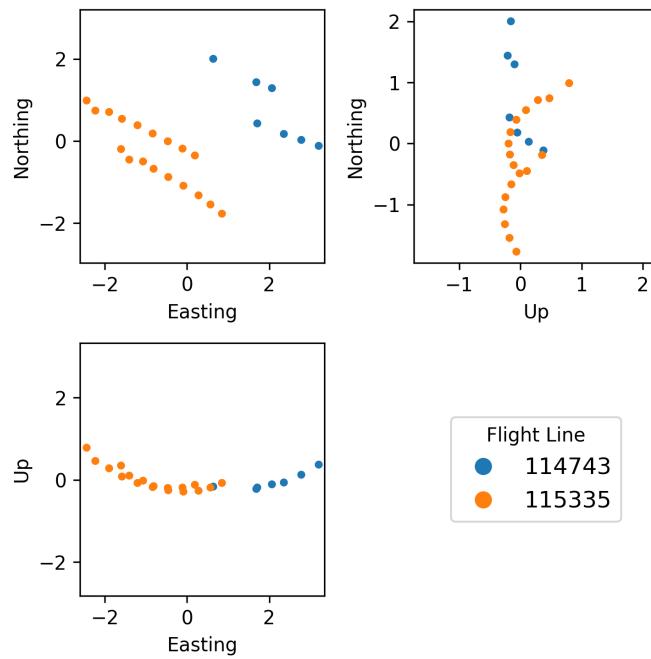
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_041_scan00378	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_041_scan00396	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_041_scan00420	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_041_scan00428	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_041_scan00378	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_041_scan00387	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_041_scan00428	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_041_scan00235	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_041_scan00235	Inconsistent registration

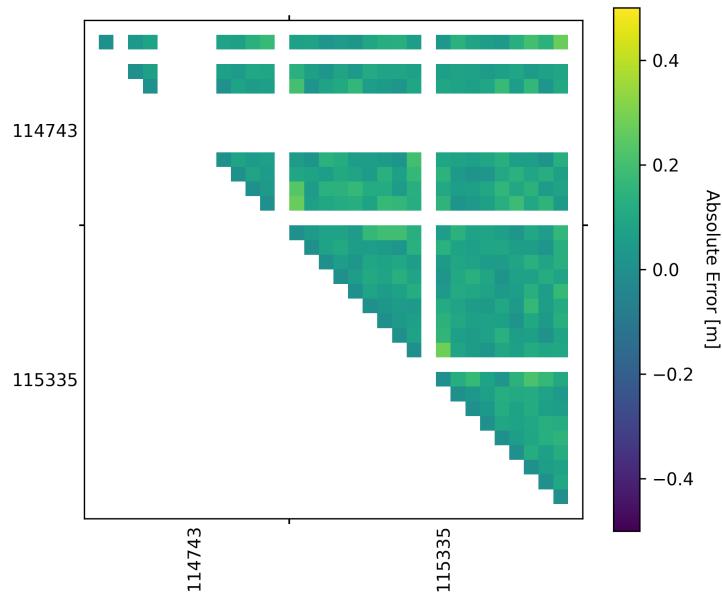
Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

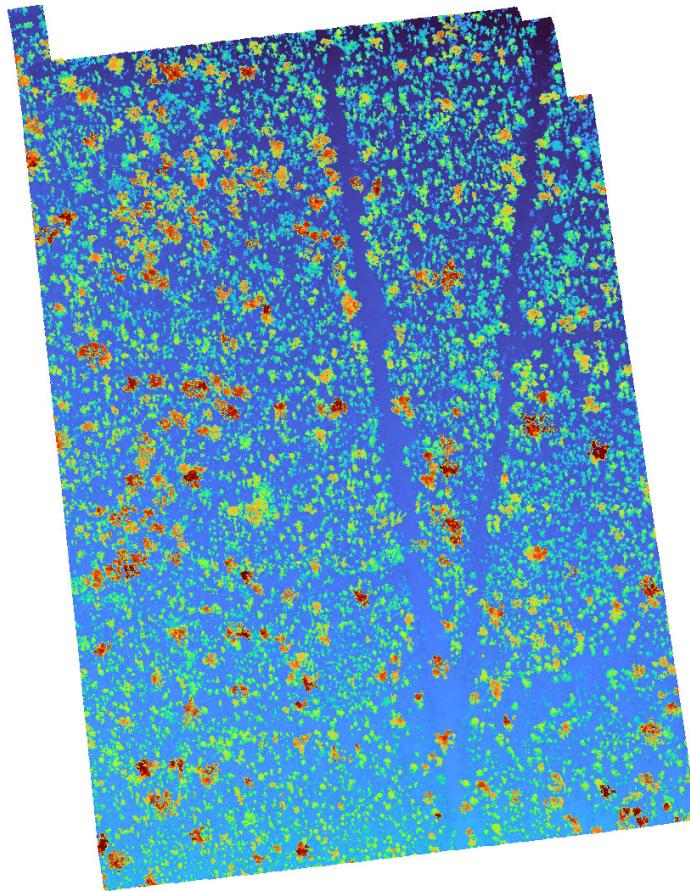


Differences between pairwise and global registrations



M112_042

Area collected

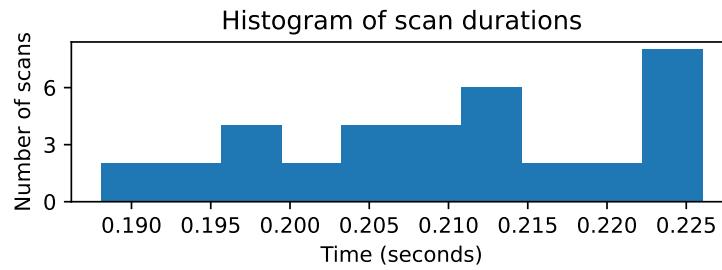


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_042_scan00187

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	668,639,150
Scanning start time	2025-05-29 11:49:47 UTC
Scanning end time	2025-05-29 11:55:00 UTC
Scanning time elapsed	7.566000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	20
Percent of scans kept	55.6%
Detections kept	368,052,808
Percent of detections kept	55.0%
Mean density	NOT FOUND points/meter ³

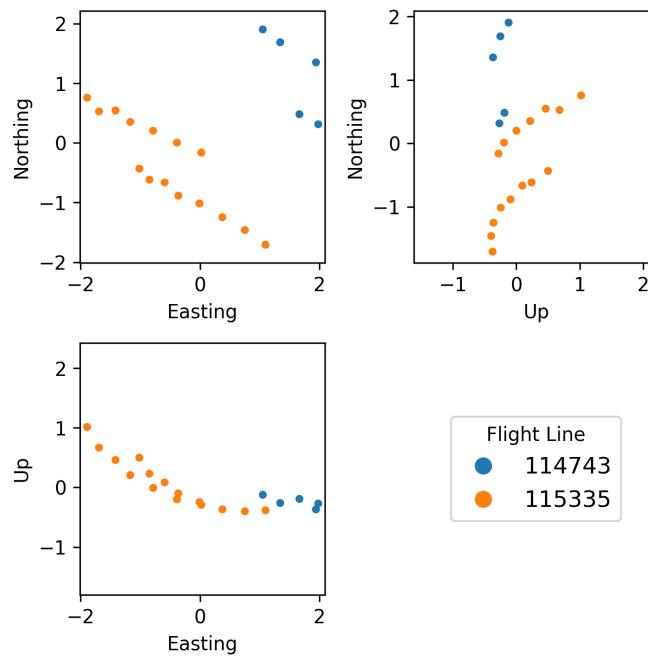
Rejected scans

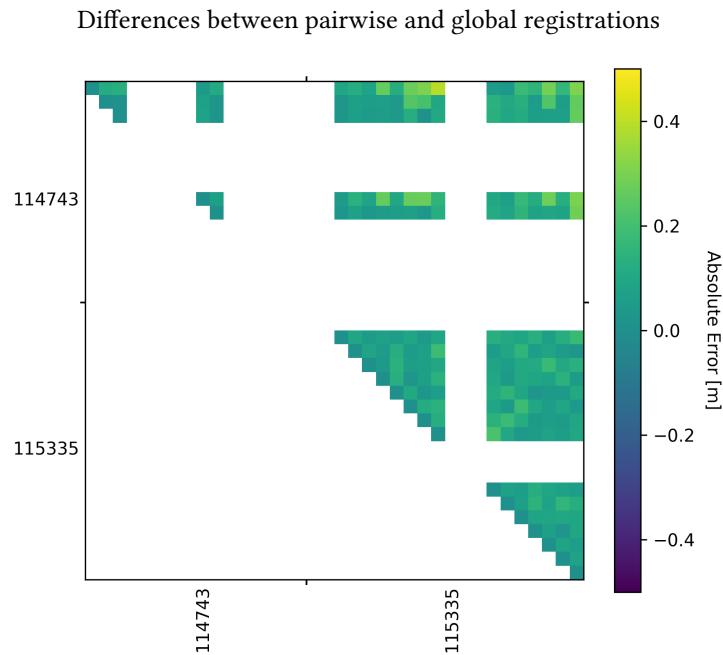
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_042_scan00410	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_042_scan00418	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_042_scan00426	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_042_scan00434	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_042.scan00441	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00402	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00410	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00418	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00426	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00434	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_042.scan00441	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_042.scan00156	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_042.scan00163	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_042.scan00156	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_042.scan00163	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_042.scan00171	Inconsistent registration

Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

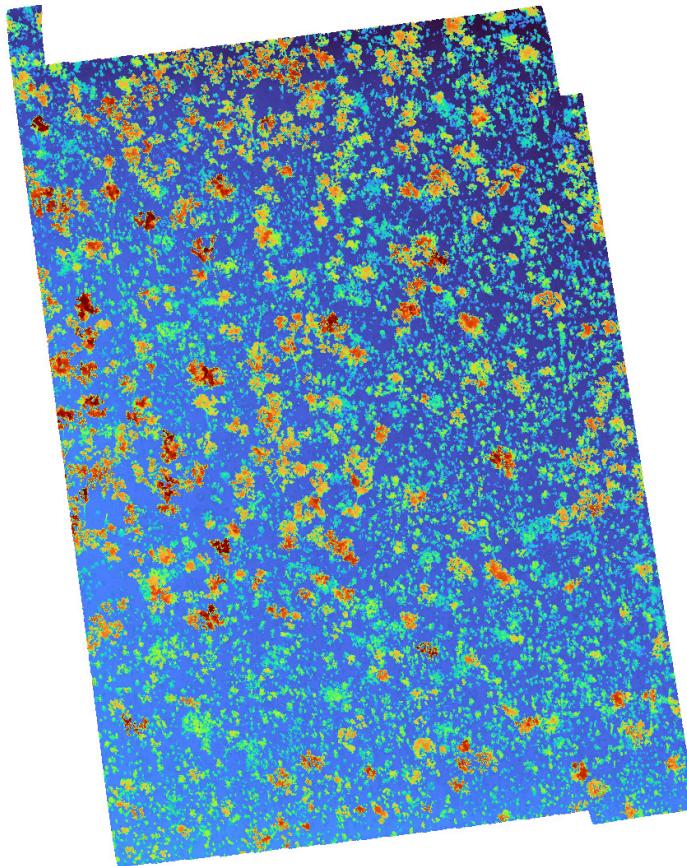
Plot of transforms





M112_043

Area collected

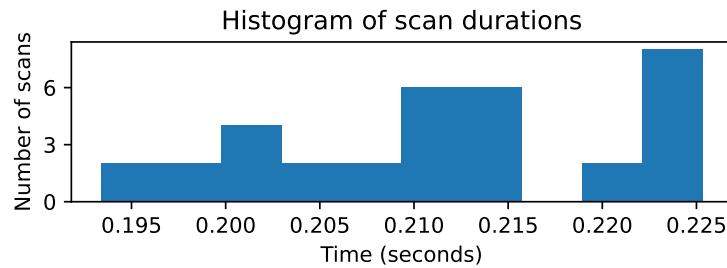


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_043_scan00177

Total area scanned NOT FOUND acres

Scanning

Number of scans	34
Total detections	638,360,117
Scanning start time	2025-05-29 11:49:50 UTC
Scanning end time	2025-05-29 11:54:56 UTC
Scanning time elapsed	7.202000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	17
Percent of scans kept	50.0%
Detections kept	319,922,128
Percent of detections kept	50.1%
Mean density	NOT FOUND points/meter ³

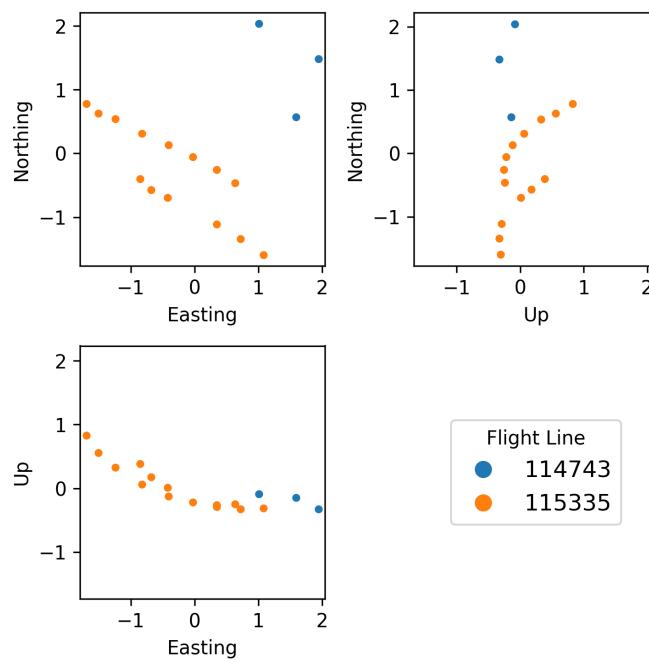
Rejected scans

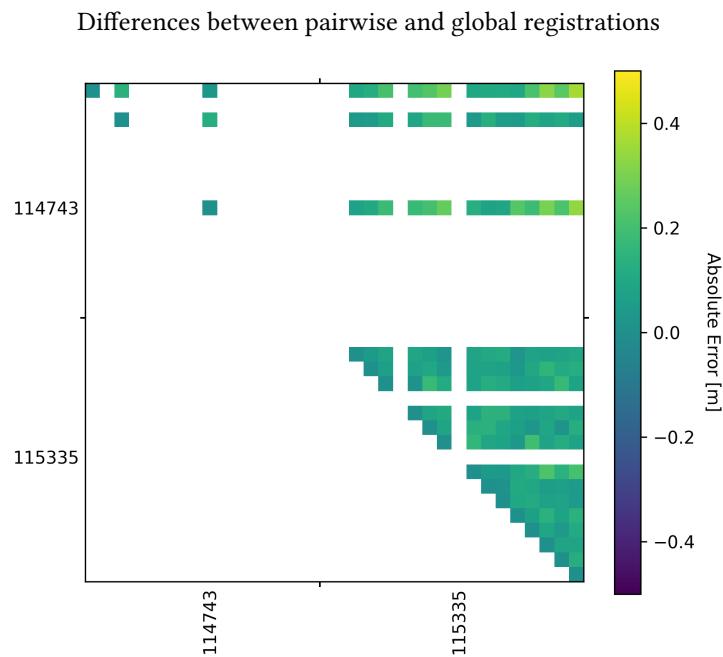
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00403	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00419	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00427	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00435	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00443	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_043_scan00451	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00403	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00411	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00419	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00427	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00435	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00443	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_043_scan00451	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_043_scan00146	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_043_scan00154	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_043_scan00186	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_043_scan00146	Inconsistent registration

Registration

Number of pairwise registrations	561
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

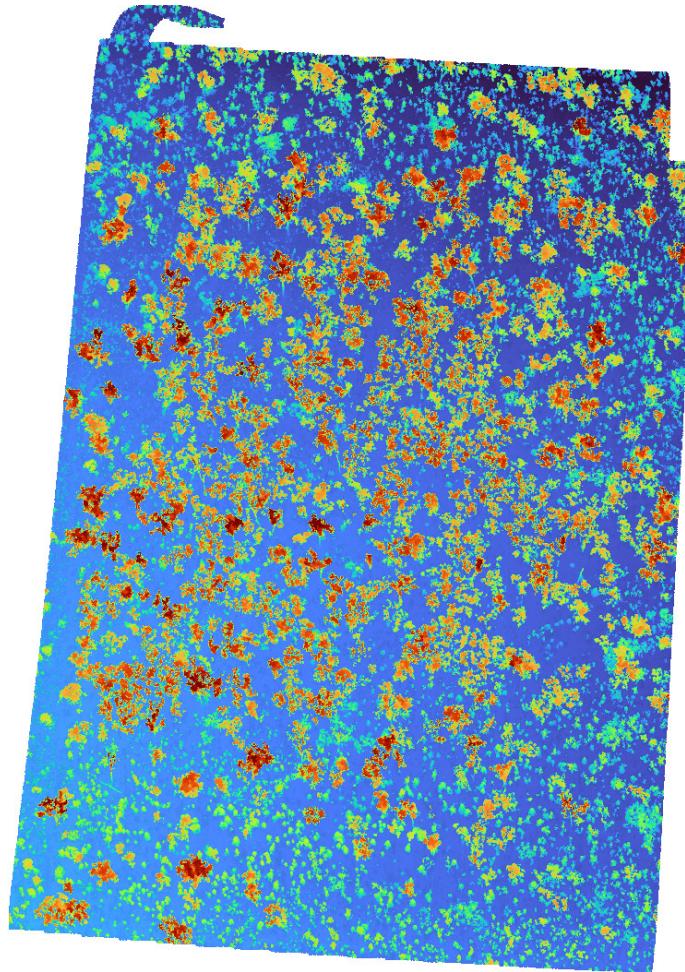
Plot of transforms





M112_044

Area collected

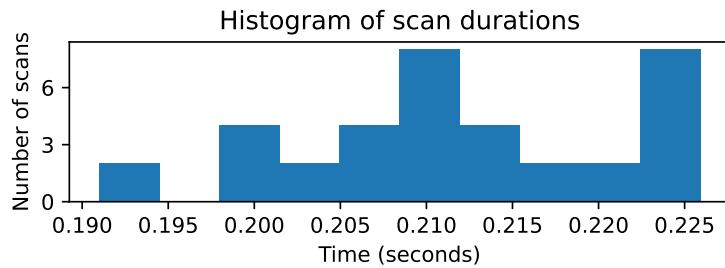


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_044_scan00176

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	674,810,544
Scanning start time	2025-05-29 11:49:51 UTC
Scanning end time	2025-05-29 11:54:54 UTC
Scanning time elapsed	7.621400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	28
Percent of scans kept	77.8%
Detections kept	523,326,569
Percent of detections kept	77.6%
Mean density	NOT FOUND points/meter ³

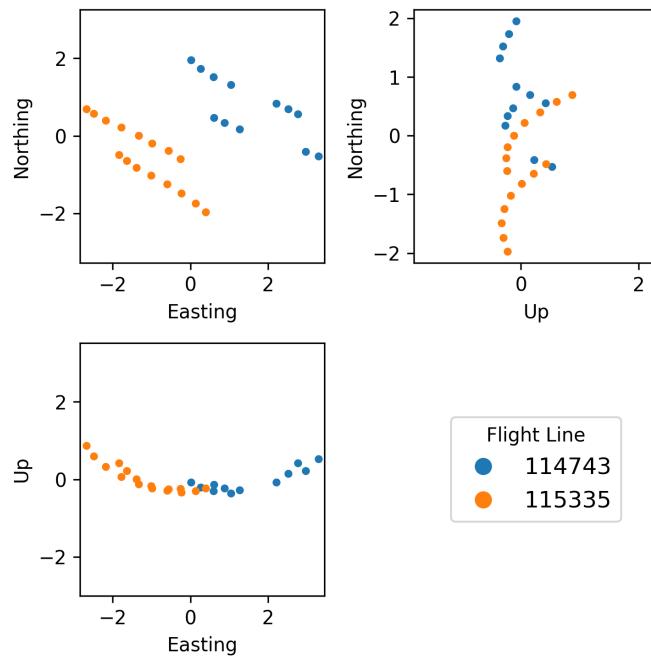
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_044_scan00429	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_044_scan00436	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_044_scan00421	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_044_scan00429	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_044_scan00436	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_044_scan00460	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_044_scan00136	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_044_scan00136	Inconsistent registration

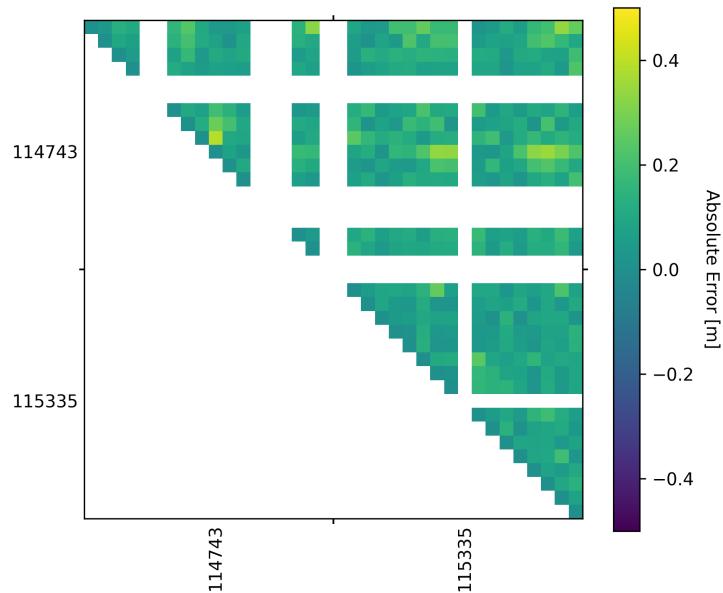
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

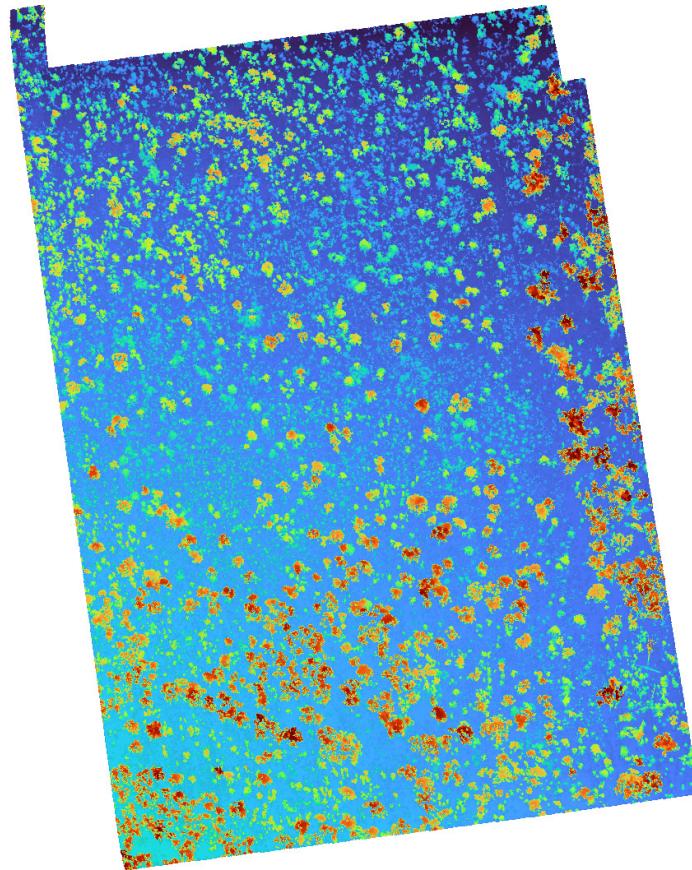


Differences between pairwise and global registrations



M112_045

Area collected

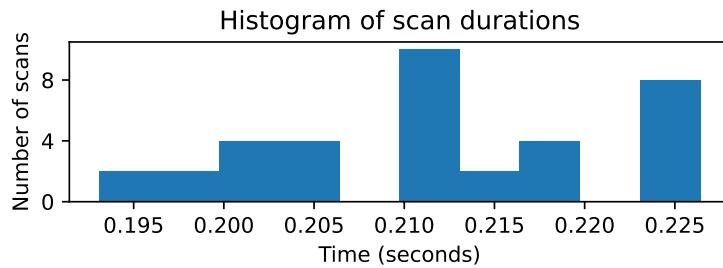


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_045_scan00158

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	660,375,749
Scanning start time	2025-05-29 11:49:54 UTC
Scanning end time	2025-05-29 11:54:52 UTC
Scanning time elapsed	7.626200 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	29
Percent of scans kept	80.6%
Detections kept	552,098,292
Percent of detections kept	83.6%
Mean density	NOT FOUND points/meter ³

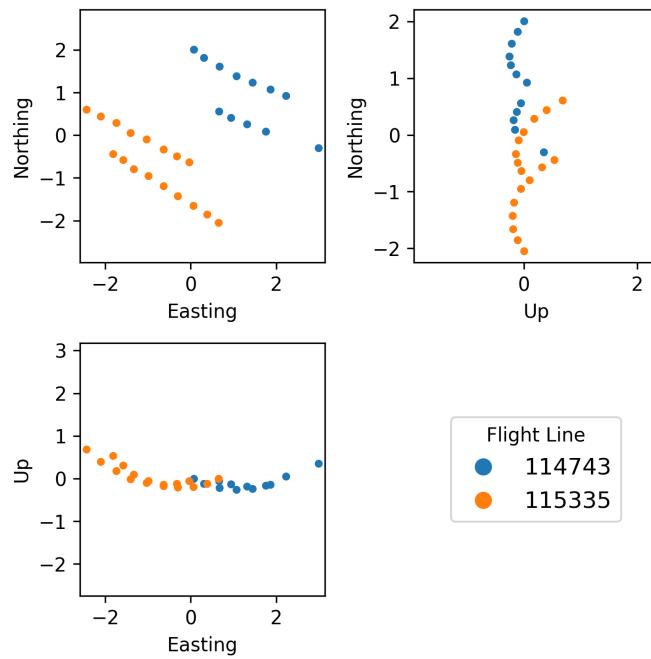
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_045_scan00461	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_045_scan00469	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_045_scan00437	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_045_scan00445	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_045_scan00461	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_045_scan00469	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_045_scan00190	Inconsistent registration

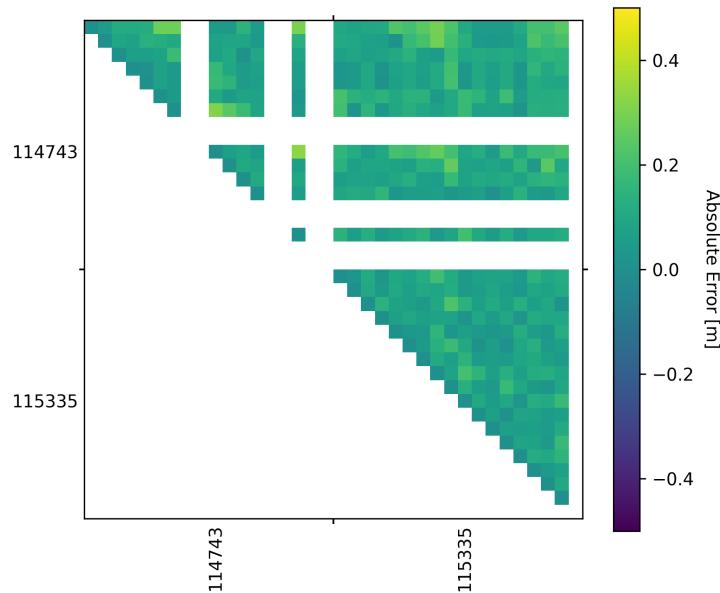
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

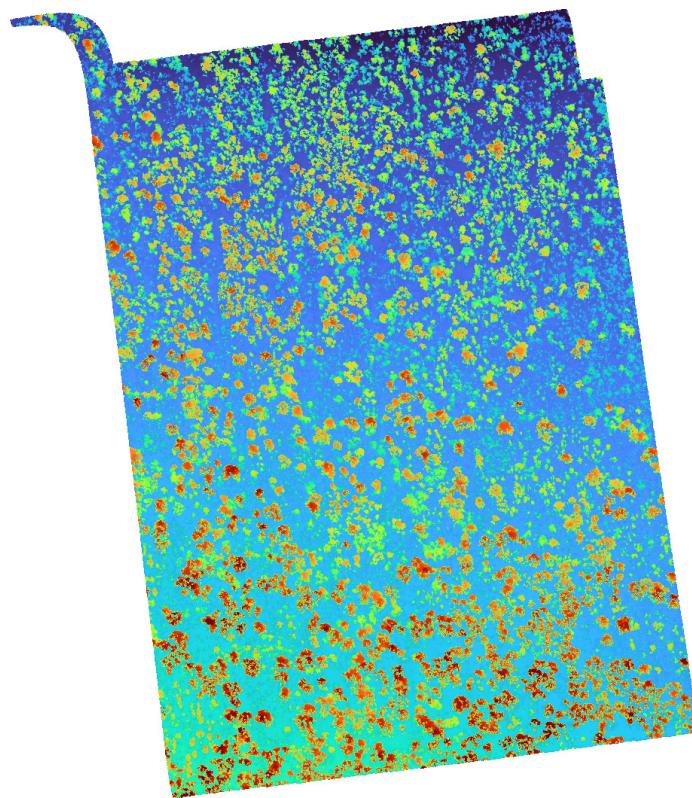


Differences between pairwise and global registrations



M112_046

Area collected

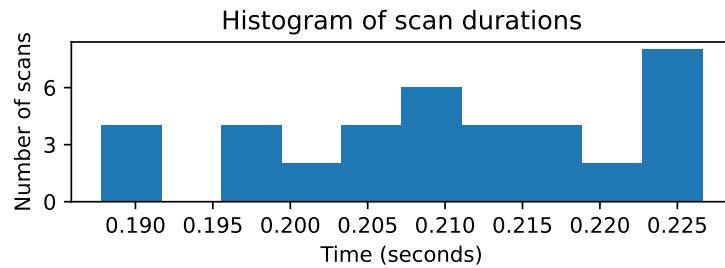


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_046_scan00149

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	699,524,269
Scanning start time	2025-05-29 11:49:55 UTC
Scanning end time	2025-05-29 11:54:52 UTC
Scanning time elapsed	7.997800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	36
Percent of scans kept	94.7%
Detections kept	672,892,338
Percent of detections kept	96.2%
Mean density	NOT FOUND points/meter ³

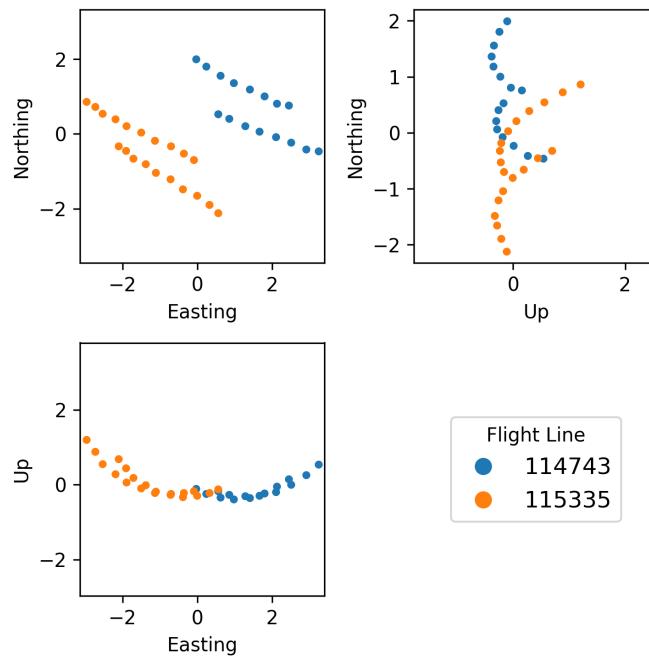
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_046_scan00478	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_046_scan00478	Inconsistent registration

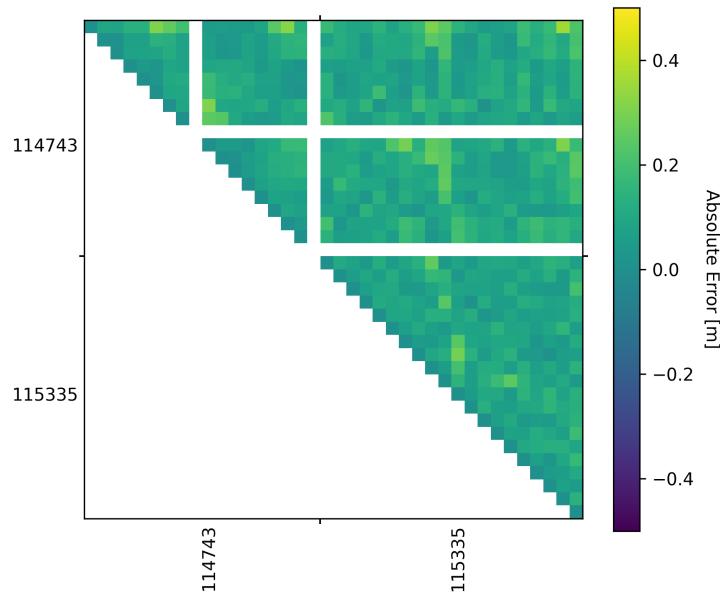
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

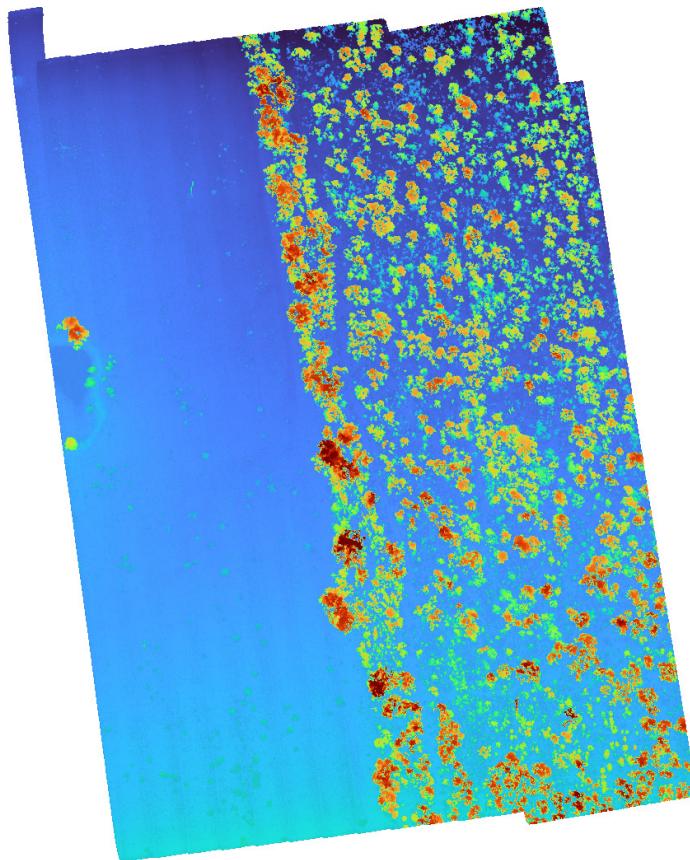


Differences between pairwise and global registrations



M112_047

Area collected

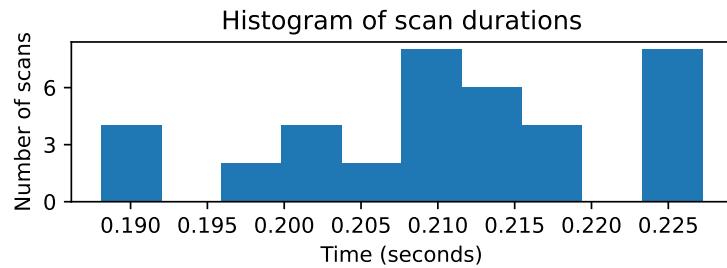


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_047_scan00139

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	740,198,938
Scanning start time	2025-05-29 11:49:57 UTC
Scanning end time	2025-05-29 11:54:49 UTC
Scanning time elapsed	8.014800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	31
Percent of scans kept	81.6%
Detections kept	625,138,416
Percent of detections kept	84.5%
Mean density	NOT FOUND points/meter ³

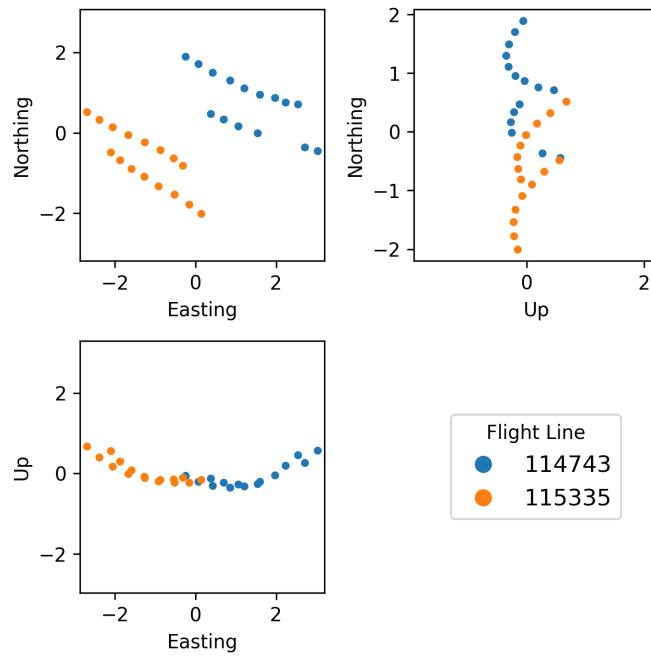
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan_M112_047_scan00455	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_047_scan00463	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_047_scan00487	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_047_scan00107	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_047_scan00178	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_047_scan00170	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_047_scan00178	Inconsistent registration

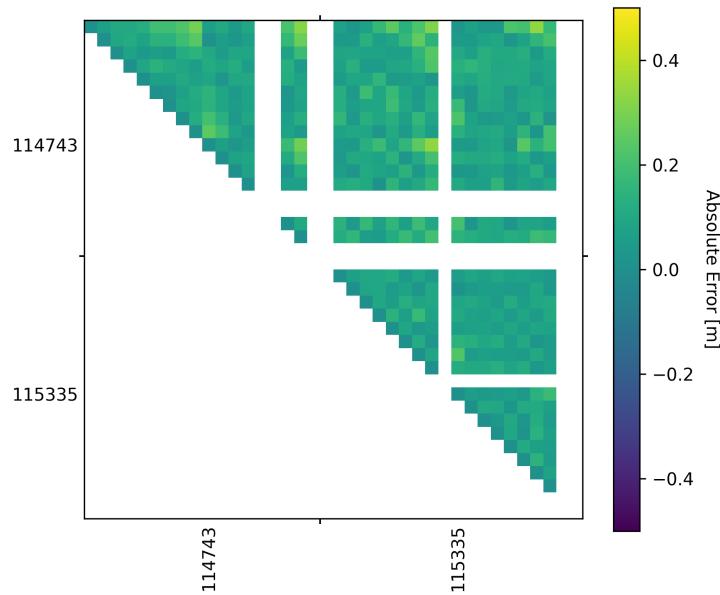
Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

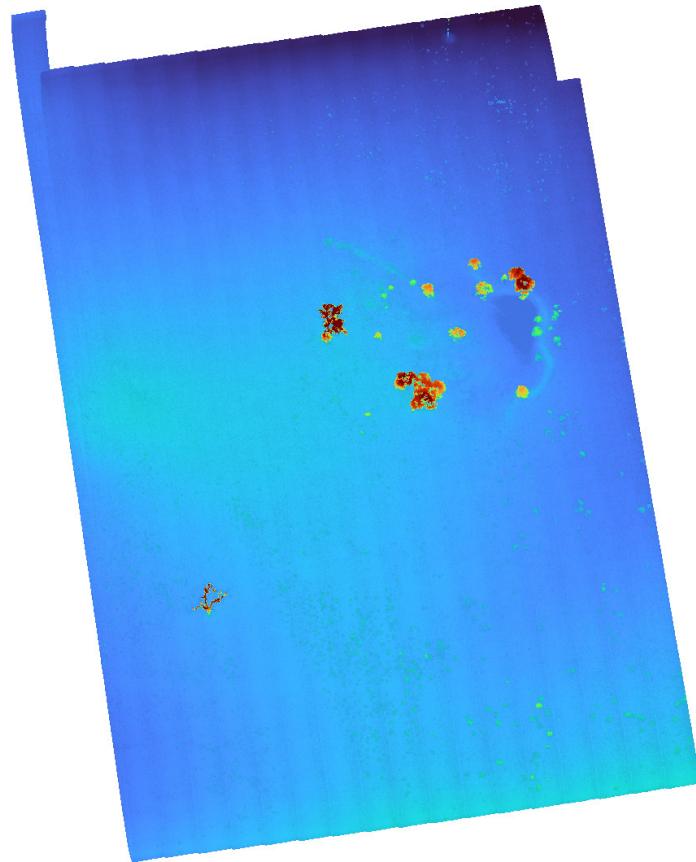


Differences between pairwise and global registrations



M112_048

Area collected

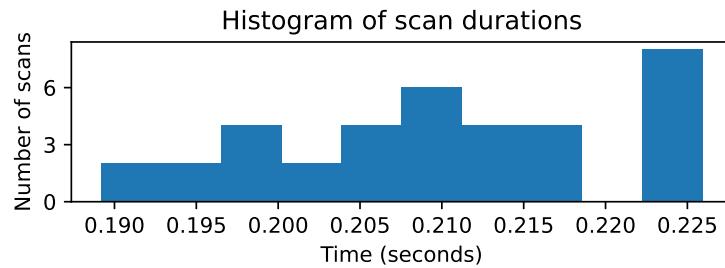


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_048_scan00129

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	776,080,899
Scanning start time	2025-05-29 11:49:59 UTC
Scanning end time	2025-05-29 11:54:47 UTC
Scanning time elapsed	7.572400 s



Warnings *(Not implemented)*

Kept scans

Number of scans kept	17
Percent of scans kept	47.2%
Detections kept	368,846,709
Percent of detections kept	47.5%
Mean density	NOT FOUND points/meter ³

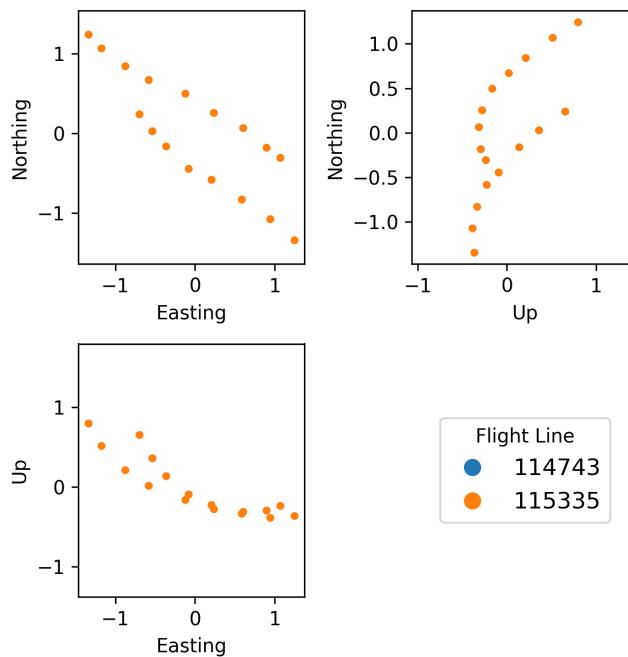
Rejected scans

Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_048_scan00433	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048_scan00440	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048_scan00448	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048_scan00456	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048.scan00464	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048_scan00472	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048.scan00480	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_048.scan00488	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00433	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00440	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00448	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00456	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00464	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00472	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00480	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_048.scan00488	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_048.scan00098	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_048.scan00105	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_048.scan00168	Inconsistent registration

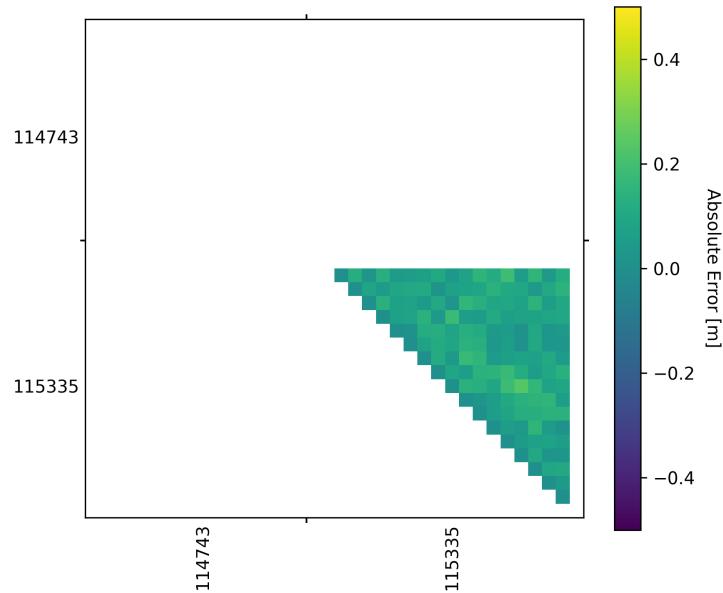
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

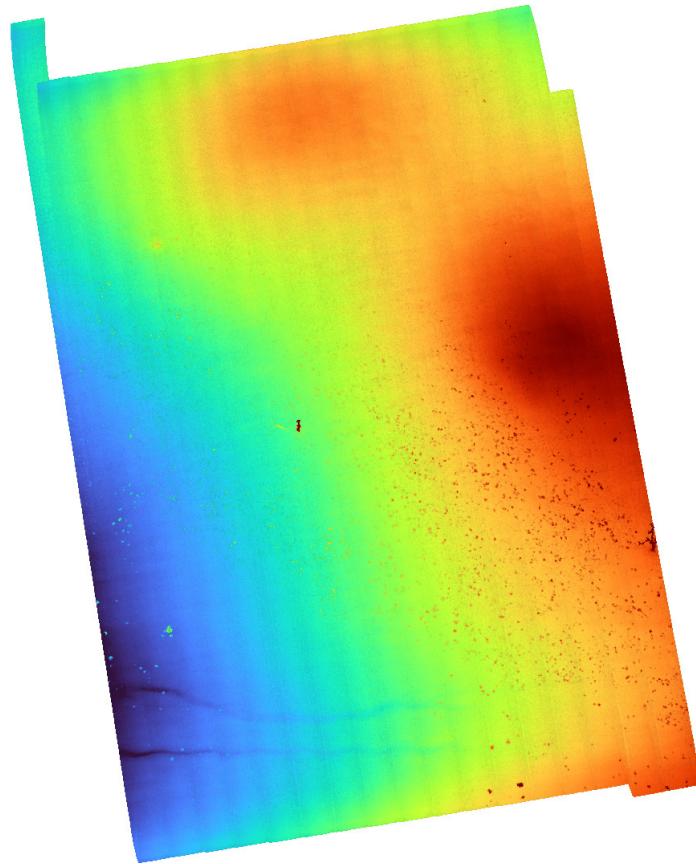


Differences between pairwise and global registrations



M112_049

Area collected

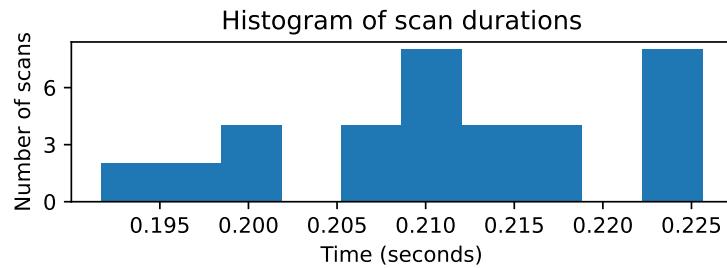


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_049_scan00119

Total area scanned NOT FOUND acres

Scanning

Number of scans	36
Total detections	792,979,398
Scanning start time	2025-05-29 11:50:01 UTC
Scanning end time	2025-05-29 11:54:44 UTC
Scanning time elapsed	7.613000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	36
Percent of scans kept	100.0%
Detections kept	792,979,398
Percent of detections kept	100.0%
Mean density	NOT FOUND points/meter ³

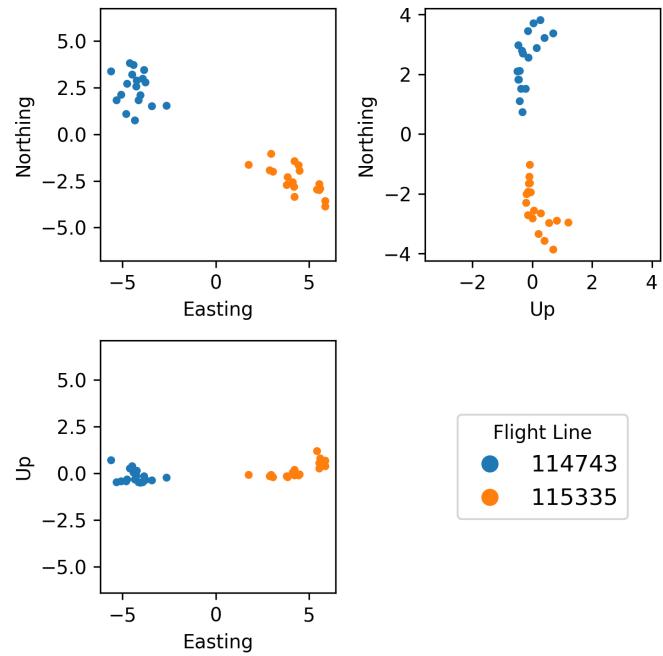
Rejected scans

(No rejected scans to show)

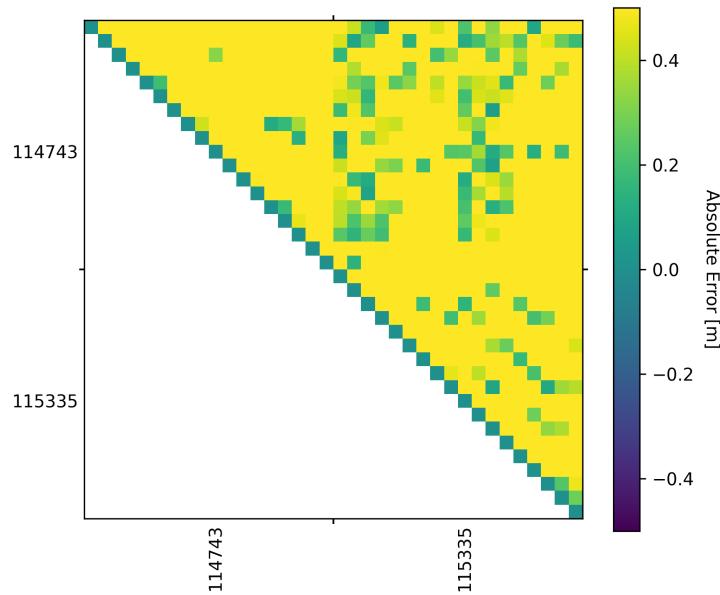
Registration

Number of pairwise registrations	630
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

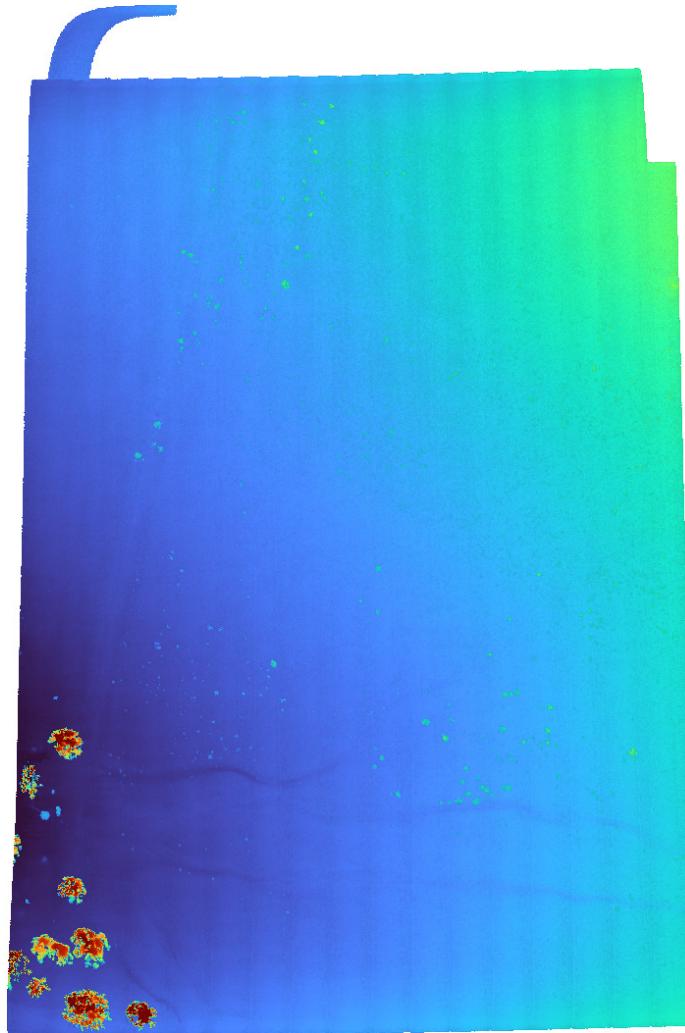


Differences between pairwise and global registrations



M112_050

Area collected

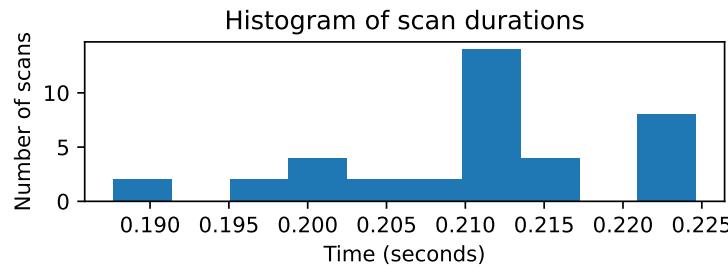


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_050.scan00116

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	820,428,620
Scanning start time	2025-05-29 11:50:03 UTC
Scanning end time	2025-05-29 11:54:43 UTC
Scanning time elapsed	8.011800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	15
Percent of scans kept	39.5%
Detections kept	345,660,913
Percent of detections kept	42.1%
Mean density	NOT FOUND points/meter ³

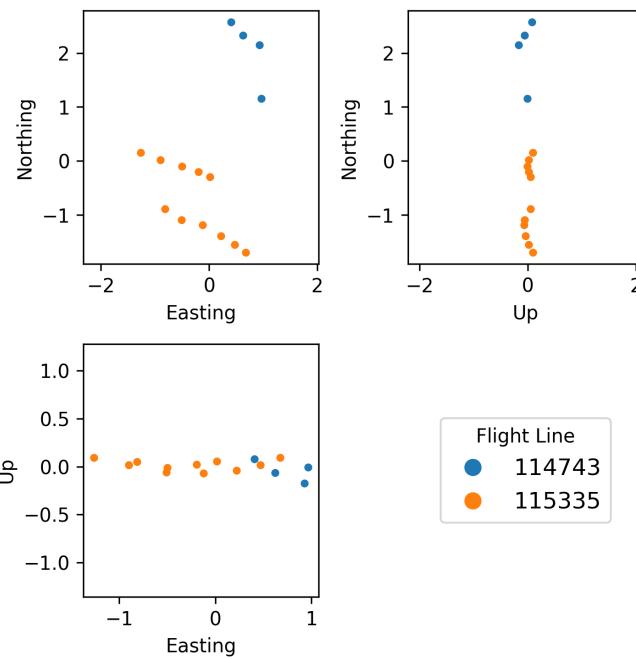
Rejected scans

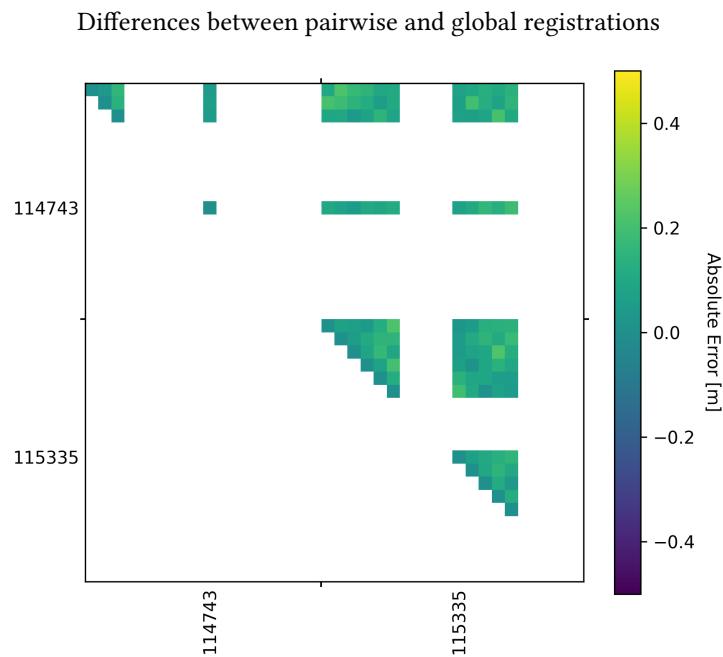
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_050_scan00474	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_050_scan00482	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_050_scan00490	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_050_scan00497	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_050.scan00504	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_050.scan00510	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050_scan00458	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00466	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00474	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00482	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00490	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00497	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00504	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_050.scan00510	Poor pairwise overlap
20250529_115335_jet_0120005XX_Vulcan_M112_050.scan00124	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_050.scan00132	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_050.scan00140	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_050.scan00148	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_050.scan00116	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_050.scan00124	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_050.scan00132	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_050.scan00140	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_050.scan00148	Poor pairwise overlap

Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

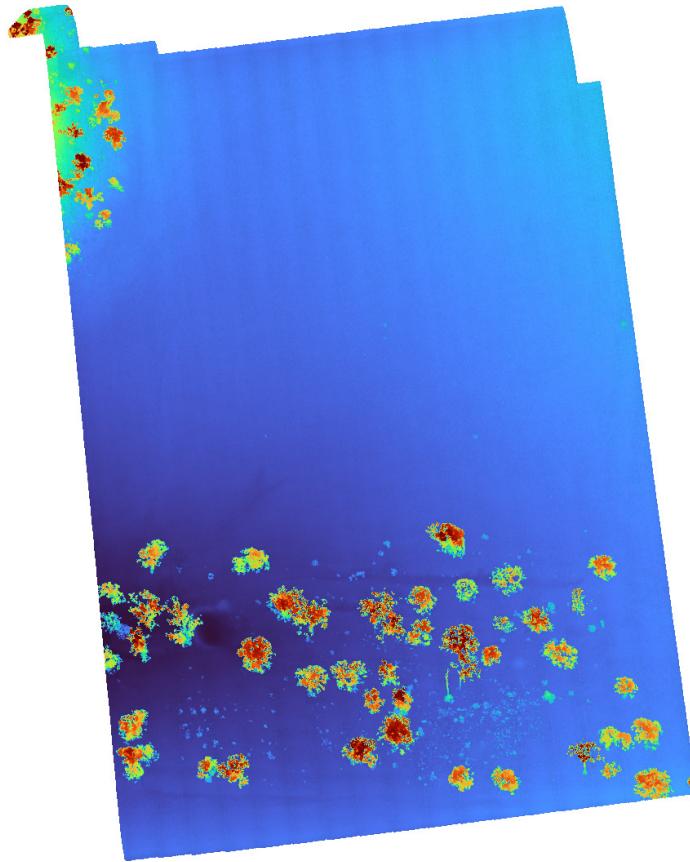
Plot of transforms





M112_051

Area collected

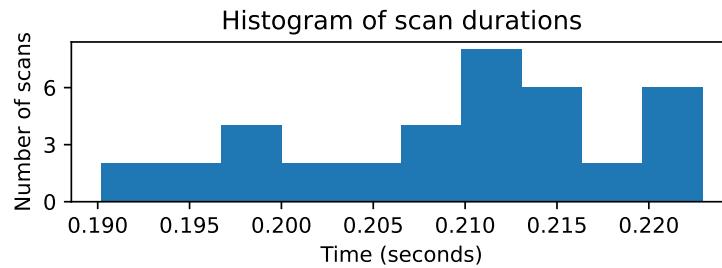


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_051_scan00102

Total area scanned NOT FOUND acres

Scanning

Number of scans	38
Total detections	796,728,829
Scanning start time	2025-05-29 11:50:05 UTC
Scanning end time	2025-05-29 11:54:40 UTC
Scanning time elapsed	7.953400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	25
Percent of scans kept	65.8%
Detections kept	538,182,989
Percent of detections kept	67.5%
Mean density	NOT FOUND points/meter ³

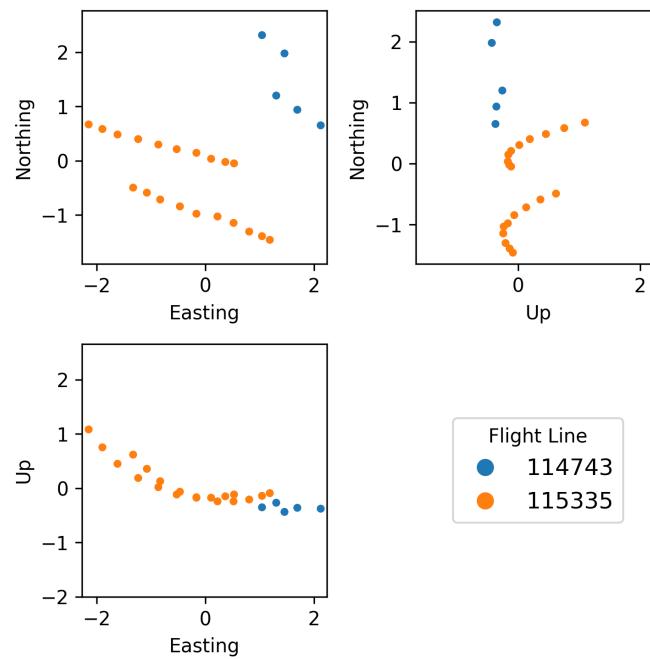
Rejected scans

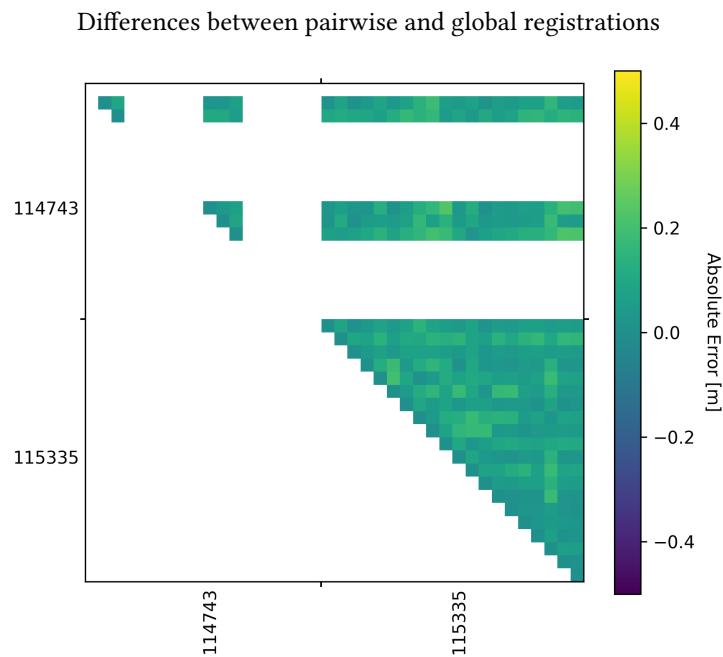
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00459	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00486	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00495	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00502	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00509	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00515	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00520	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00486	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_051_scan00495	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_051_scan00502	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_051_scan00509	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_051_scan00515	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_051_scan00520	Inconsistent registration

Registration

Number of pairwise registrations	703
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

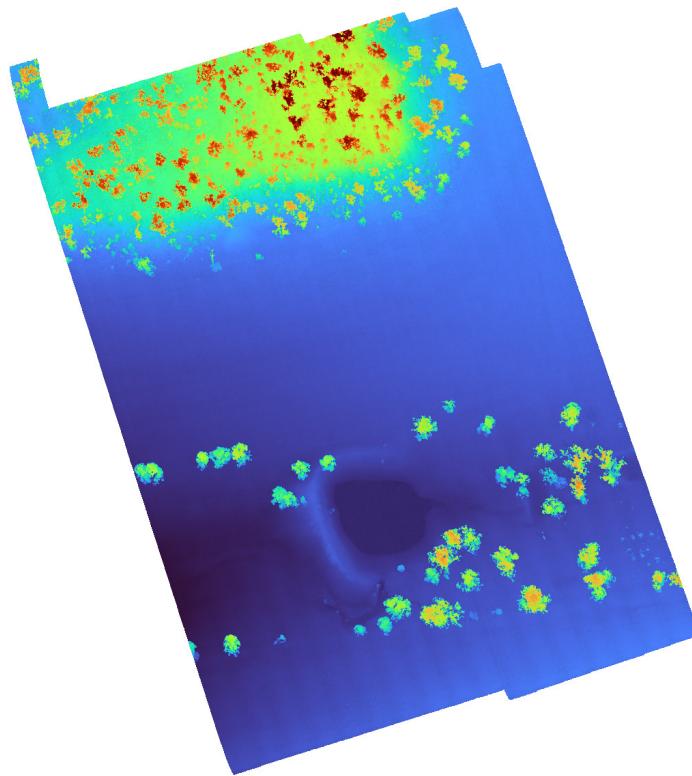
Plot of transforms





M112_052

Area collected

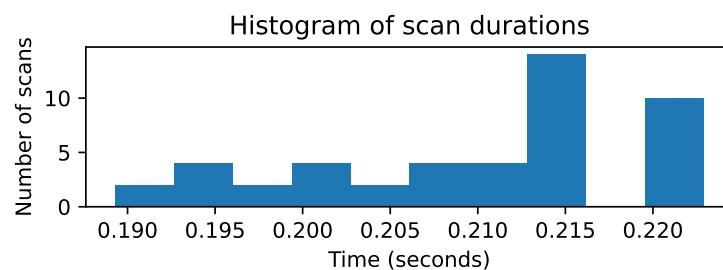


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_052_scan00084

Total area scanned NOT FOUND acres

Scanning

Number of scans	46
Total detections	942,299,906
Scanning start time	2025-05-29 11:50:07 UTC
Scanning end time	2025-05-29 11:54:39 UTC
Scanning time elapsed	9.660600 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	33
Percent of scans kept	71.7%
Detections kept	679,291,663
Percent of detections kept	72.1%
Mean density	NOT FOUND points/meter ³

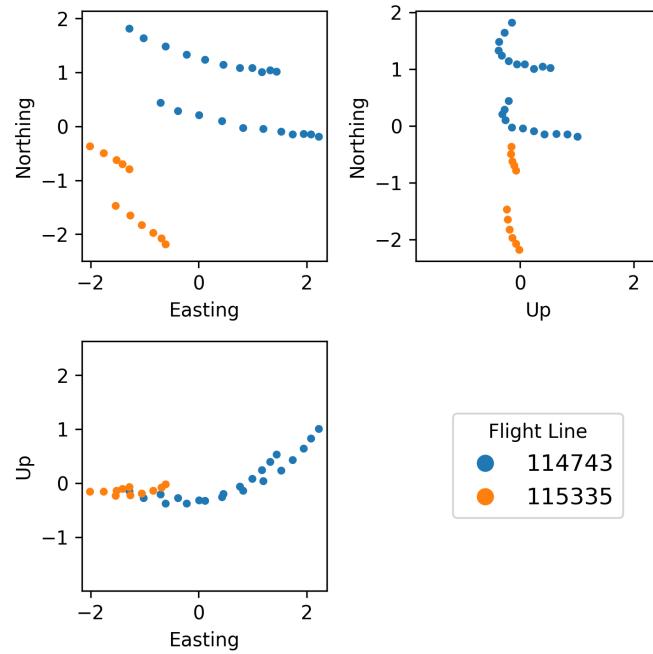
Rejected scans

Scan	Reason rejected
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan0091	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan0099	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan00106	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan00114	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan00122	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_052_scan00130	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan0084	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan0091	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan0099	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan00106	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan00114	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan00122	Inconsistent registration
20250529_115335_jet_0120006XX_Vulcan_M112_052_scan00130	Inconsistent registration

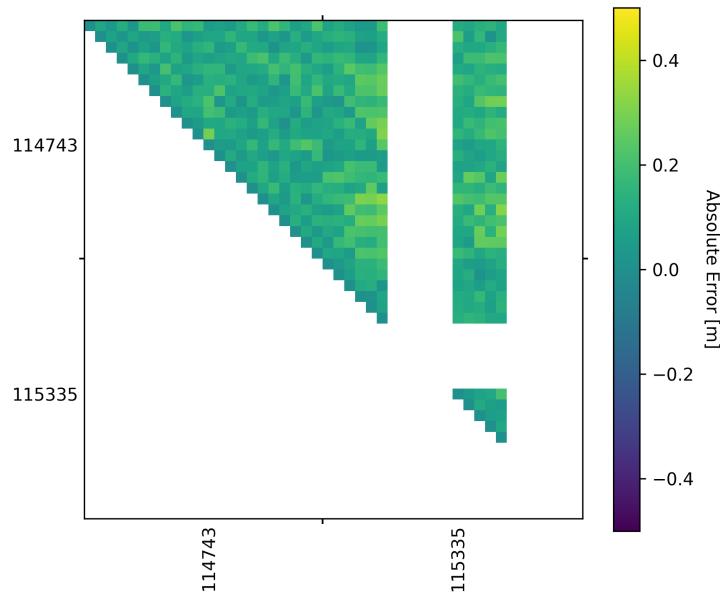
Registration

Number of pairwise registrations	1,035
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

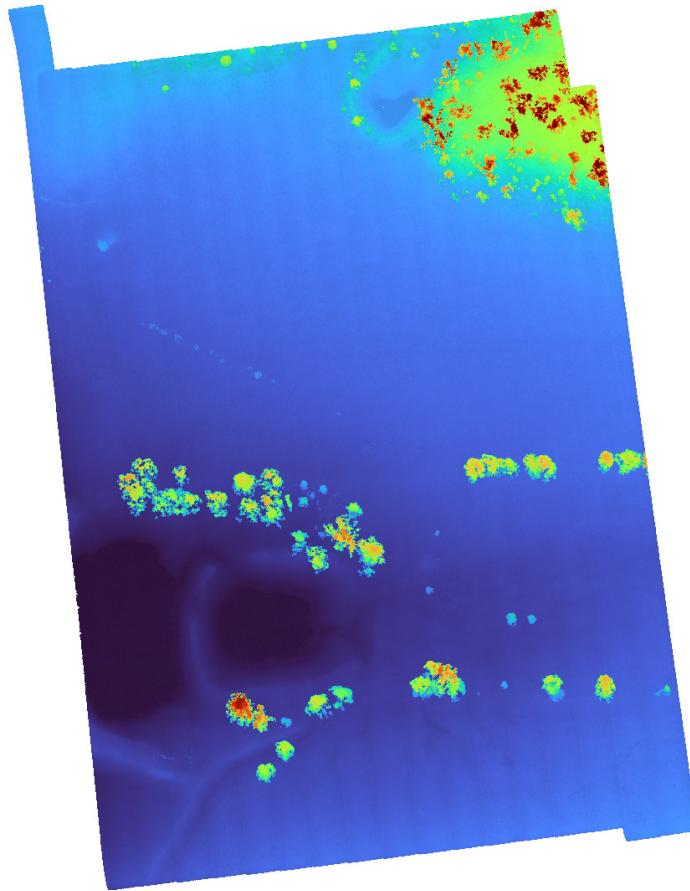


Differences between pairwise and global registrations



M112_053

Area collected

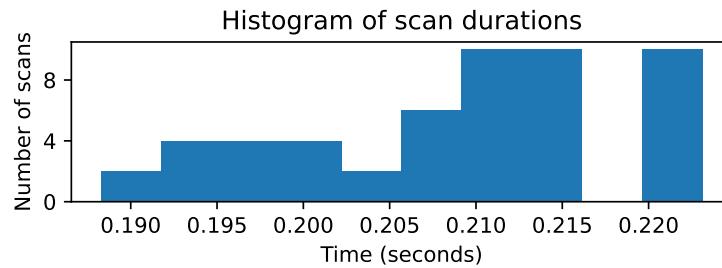


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_053_scan00083

Total area scanned NOT FOUND acres

Scanning

Number of scans	52
Total detections	1,052,899,610
Scanning start time	2025-05-29 11:50:09 UTC
Scanning end time	2025-05-29 11:54:37 UTC
Scanning time elapsed	10.858800 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	27
Percent of scans kept	51.9%
Detections kept	565,188,140
Percent of detections kept	53.7%
Mean density	NOT FOUND points/meter ³

Rejected scans

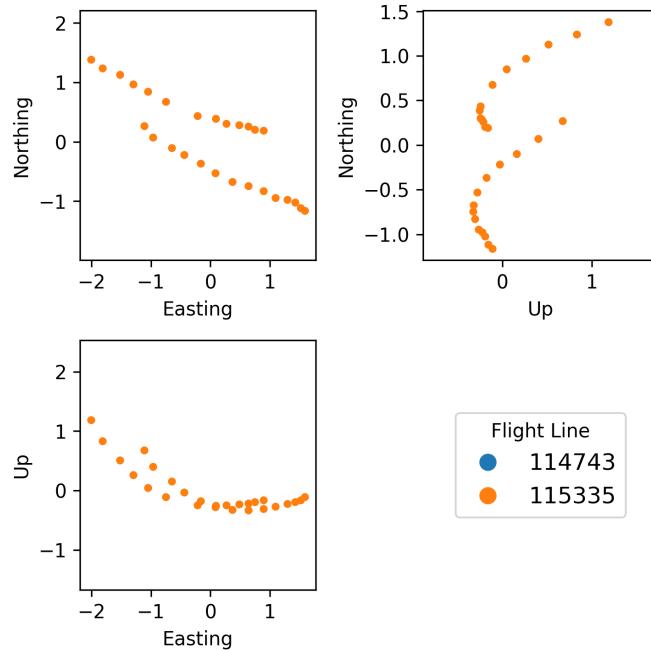
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00476	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00485	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00494	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00501	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00508	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00514	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00519	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00524	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00528	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00532	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00535	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_053_scan00538	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00476	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00485	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00494	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00501	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00508	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00514	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00519	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00524	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00528	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00532	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00535	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_053_scan00538	Inconsistent registration

Scan	Reason rejected
20250529_115335_jet_0120006XX_Vulcan_M112_053_scan00077	Inconsistent registration

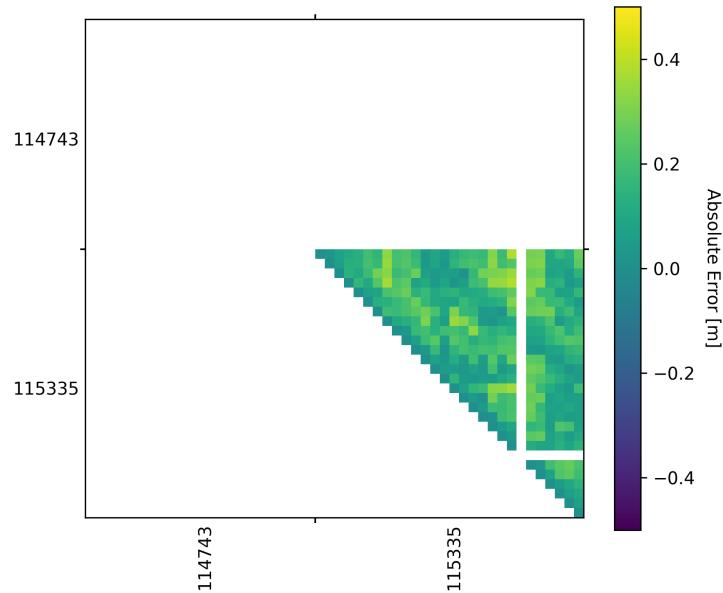
Registration

Number of pairwise registrations	1,326
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

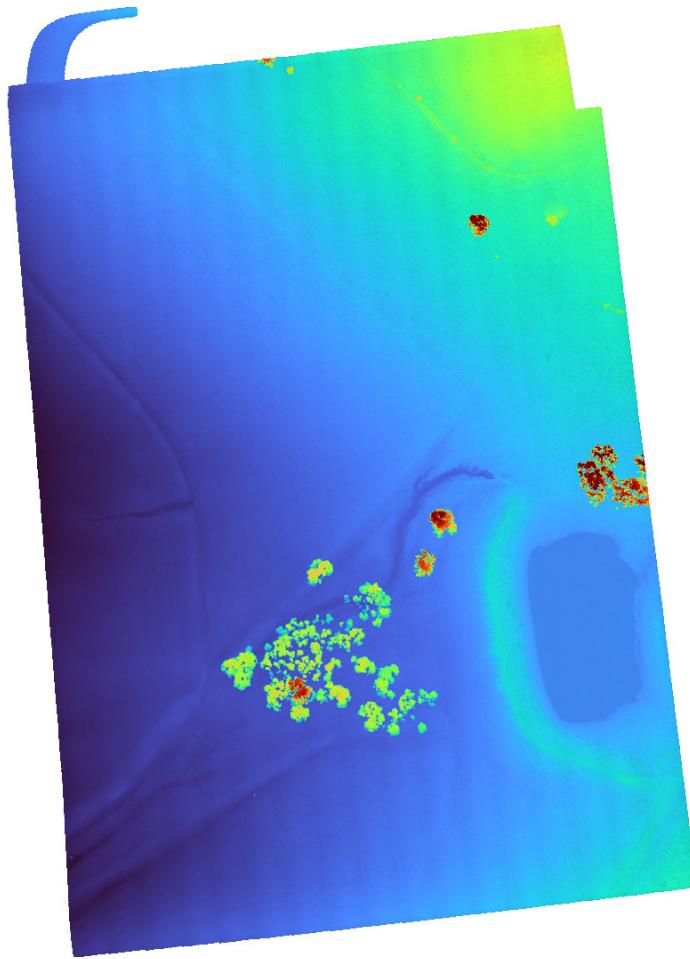


Differences between pairwise and global registrations



M112_054

Area collected

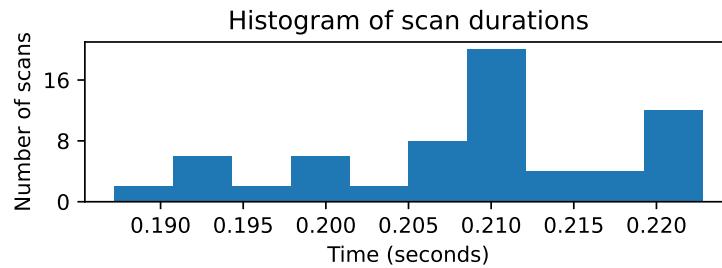


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00074

Total area scanned NOT FOUND acres

Scanning

Number of scans	66
Total detections	1,328,475,457
Scanning start time	2025-05-29 11:50:11 UTC
Scanning end time	2025-05-29 11:54:34 UTC
Scanning time elapsed	13.757000 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	27
Percent of scans kept	40.9%
Detections kept	564,395,839
Percent of detections kept	42.5%
Mean density	NOT FOUND points/meter ³

Rejected scans

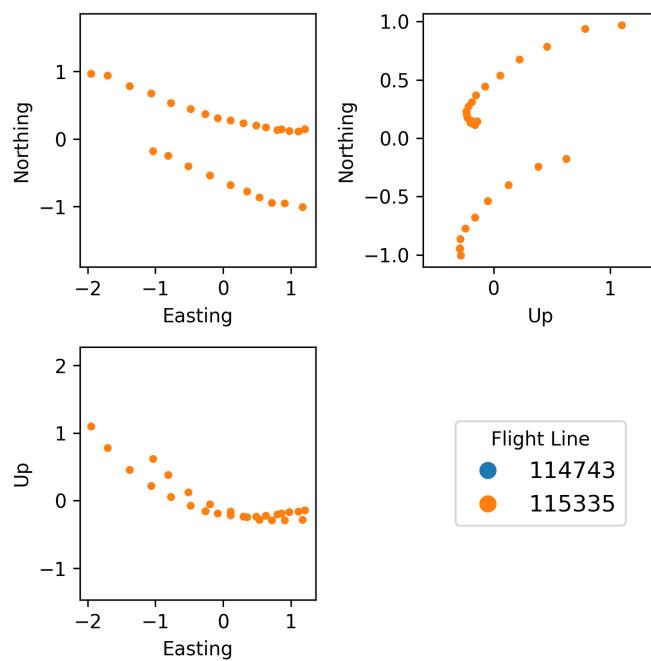
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00484	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00492	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00499	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00506	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00512	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00517	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00522	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00526	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00530	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00533	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00536	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00539	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00541	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00543	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00545	Inconsistent registration
20250529_114743_jet_0120005XX_Vulcan_M112_054_scan00547	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00484	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00492	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00499	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00506	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00512	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00517	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00522	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00526	Inconsistent registration

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00530	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00533	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00536	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00539	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00541	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00543	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00545	Inconsistent registration
20250529_114743_jet_0120006XX_Vulcan_M112_054_scan00547	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00040	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00042	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00044	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00046	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00048	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00051	Inconsistent registration
20250529_115335_jet_0120005XX_Vulcan_M112_054_scan00054	Inconsistent registration

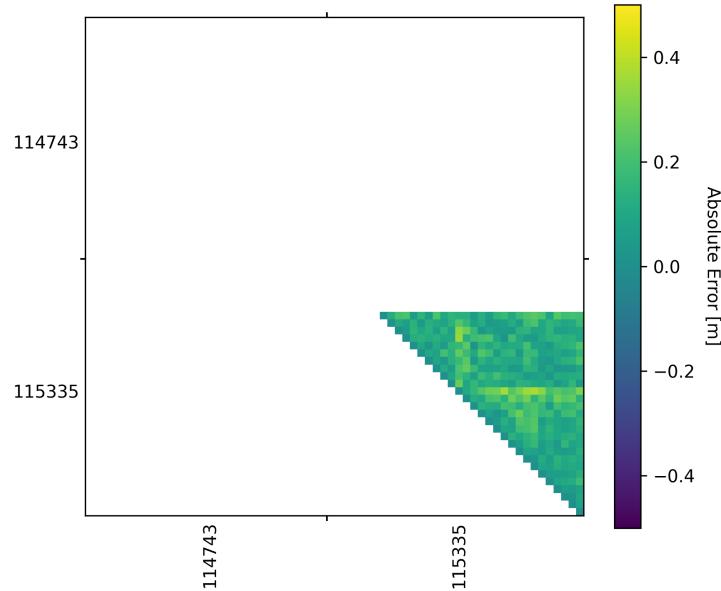
Registration

Number of pairwise registrations	2,145
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms

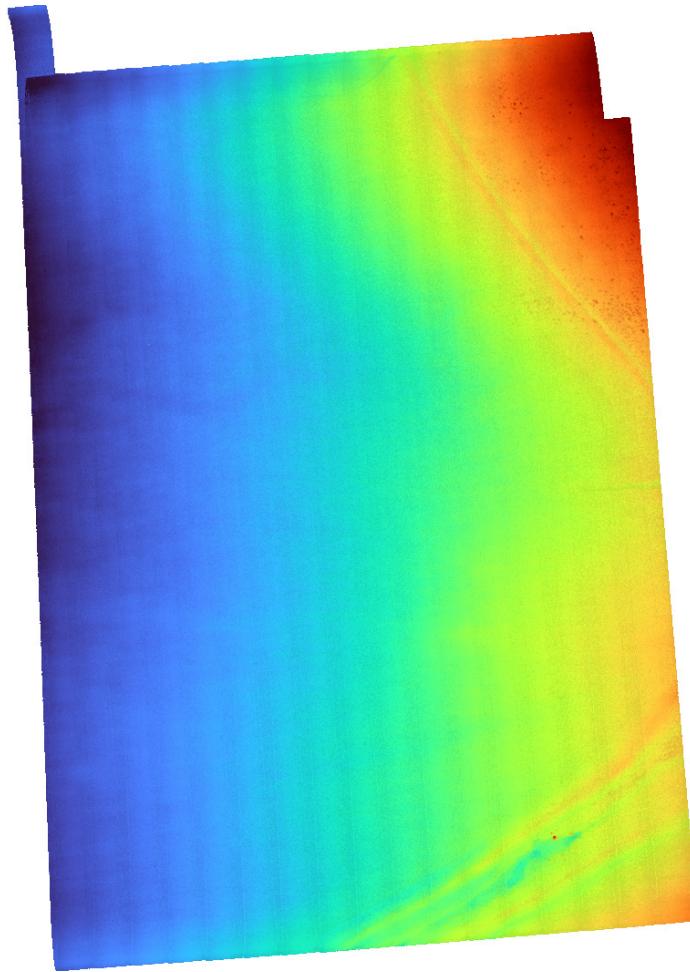


Differences between pairwise and global registrations



M112_055

Area collected

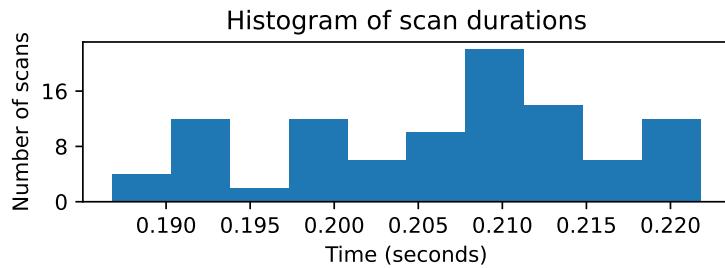


View from plane of scan 20250529_115335_jet_0120005XX_Vulcan.M112_055_scan00066

Total area scanned NOT FOUND acres

Scanning

Number of scans	100
Total detections	2,068,082,493
Scanning start time	2025-05-29 11:50:13 UTC
Scanning end time	2025-05-29 11:54:31 UTC
Scanning time elapsed	20.640400 s



Warnings

(Not implemented)

Kept scans

Number of scans kept	51
Percent of scans kept	51.0%
Detections kept	1,140,723,767
Percent of detections kept	55.2%
Mean density	NOT FOUND points/meter ³

Rejected scans

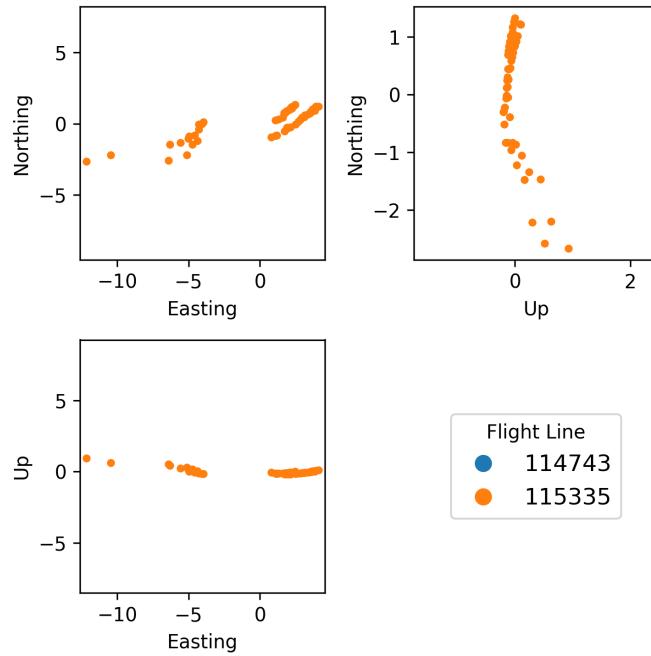
Scan	Reason rejected
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00493	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00500	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00507	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00513	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00518	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00523	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00527	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00531	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00534	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00537	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00540	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00542	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00544	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00546	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00548	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00549	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00550	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00551	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00552	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00553	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00554	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00555	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00556	Poor pairwise overlap
20250529_114743_jet_0120005XX_Vulcan_M112_055_scan00557	Poor pairwise overlap

Scan	Reason rejected
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00493	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00500	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00507	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00513	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00518	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00523	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00527	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00531	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00534	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00537	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00540	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00542	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00544	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00546	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00548	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00549	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00550	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00551	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00552	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00553	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00554	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00555	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00556	Poor pairwise overlap
20250529_114743_jet_0120006XX_Vulcan.M112.055.scan00557	Poor pairwise overlap
20250529_115335_jet_0120005XX_Vulcan.M112.055.scan00031	Poor pairwise overlap

Registration

Number of pairwise registrations	4,950
Percent of pairwise registrations used	NOT FOUND
Maximum difference between pairwise and final registrations	NOT FOUND
Expected maximum registration error	NOT FOUND

Plot of transforms



Differences between pairwise and global registrations

