

Classified Point Cloud

Deliverable 1 Summary

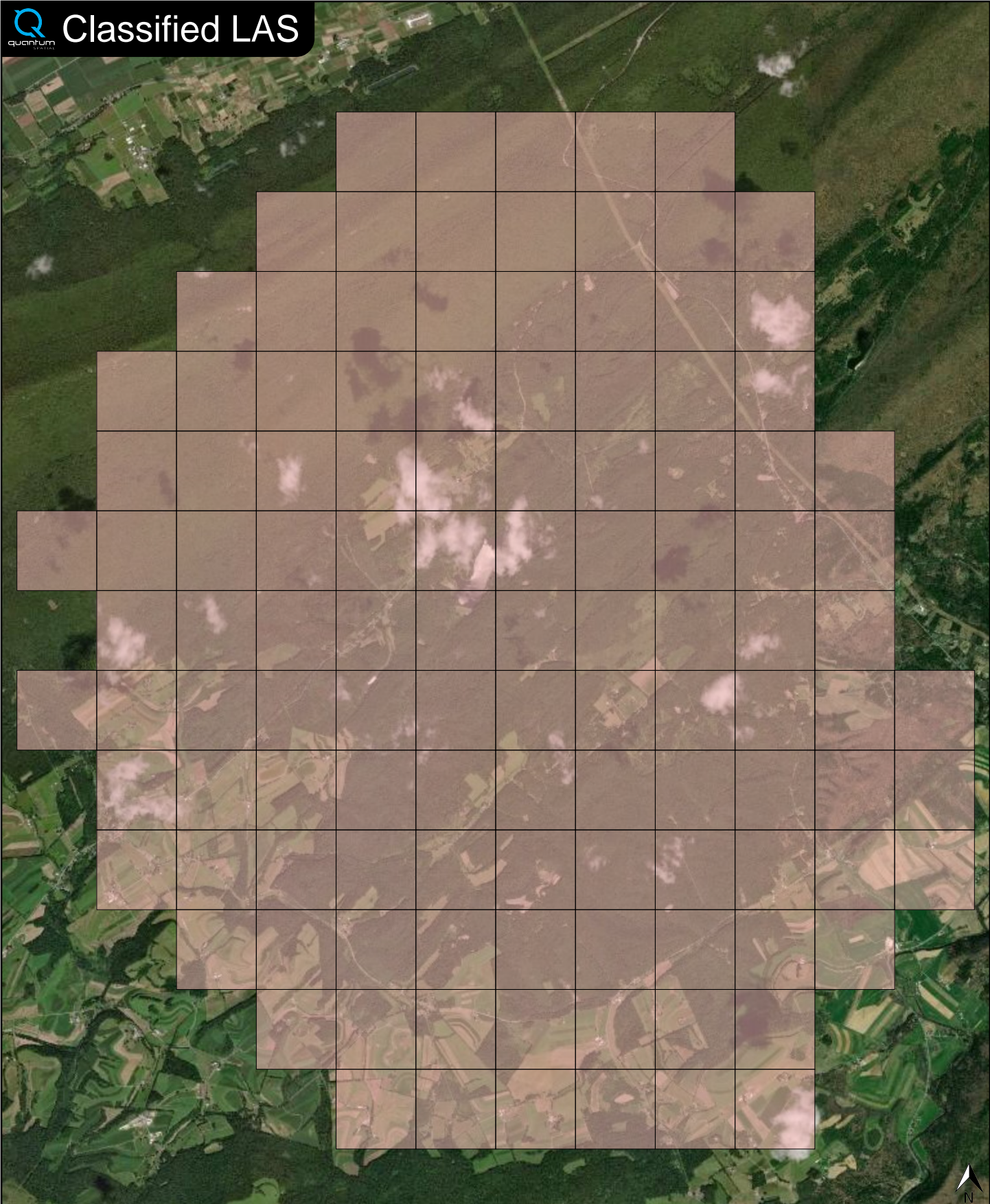
✓ General		
Folder:	\\lex-isi-data\matrix\WAREHOUSES\Warehouse4\81359\8\Projected	
Total # of Files:	116	(All Valid)
Total File Size:	239.8 GB	(257,479,730,751 bytes)
✓ Tile Sizes		
Median Tile Size:	900m x 900m	
Minimum Tile Size:	900m x 900m	
Maximum Tile Size:	900m x 900m	
X Range:	580800.00m to 591600.00m	
Y Range:	141100.00m to 152800.00m	
Elevation Range:	46.82m to 695.25m	
✓ LAS Version And Point Record Formats		
v1.4, Point Record Format 6		116 of 116 Tiles
✓ Spatial Reference System		
Horizontal Projection	NAD83(2011) / Pennsylvania South	116 of 116 Tiles
Horizontal Datum	NAD83 (National Spatial Reference System 2011)	116 of 116 Tiles
Horizontal Units	meter	116 of 116 Tiles
Vertical Datum	NAVD88 height - Geoid12B (m)	116 of 116 Tiles
Vertical Units	meter	116 of 116 Tiles
Geoid	Geoid12B	116 of 116 Tiles
Storage Method	WKT	116 of 116 Tiles
✓ GPS Time Type		
Adjusted		116 of 116 Tiles
✓ File Source ID Equals 0		
Yes		116 of 116 Tiles
✓ VLR/EVLR Reserved Equals 0		
Yes		433 of 433 Records
✓ Unnecessary Bytes At End Of File		
No		116 of 116 Tiles
✓ Legacy Point Count Check		
Zero		116 of 116 Tiles
✓ System Identifier		
MERGE		116 of 116 Tiles
✓ Generating Software		
QSI LiDAR Suite		116 of 116 Tiles

Classified Point Cloud Continued...

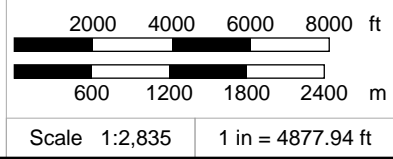
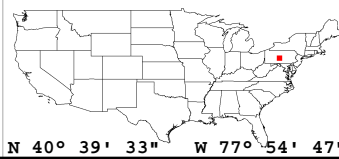
Deliverable 1 Summary

Point Classifications		
Class 1	7.62%	654,000,406 Points
Class 2	35.32%	3,031,071,200 Points
Class 5	57.06%	4,897,152,276 Points
Class 6	0.00%	40,363 Points
Class 7	0.00%	361,269 Points
Class 14	0.00%	24,085 Points

✓ Point Statistics	
Scan Angle:	-32 to 30
Intensity:	6575 to 65535
First Date:	3/22/2020 5:14:53 PM
Last Date:	3/22/2020 7:43:22 PM



Classified LAS Tiles (116)



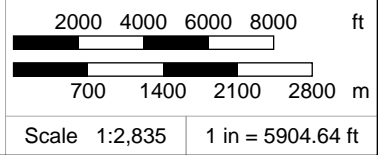
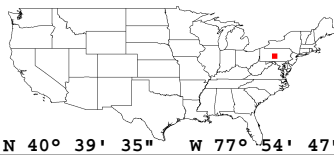
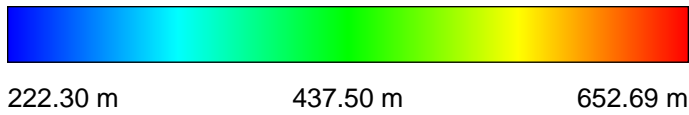
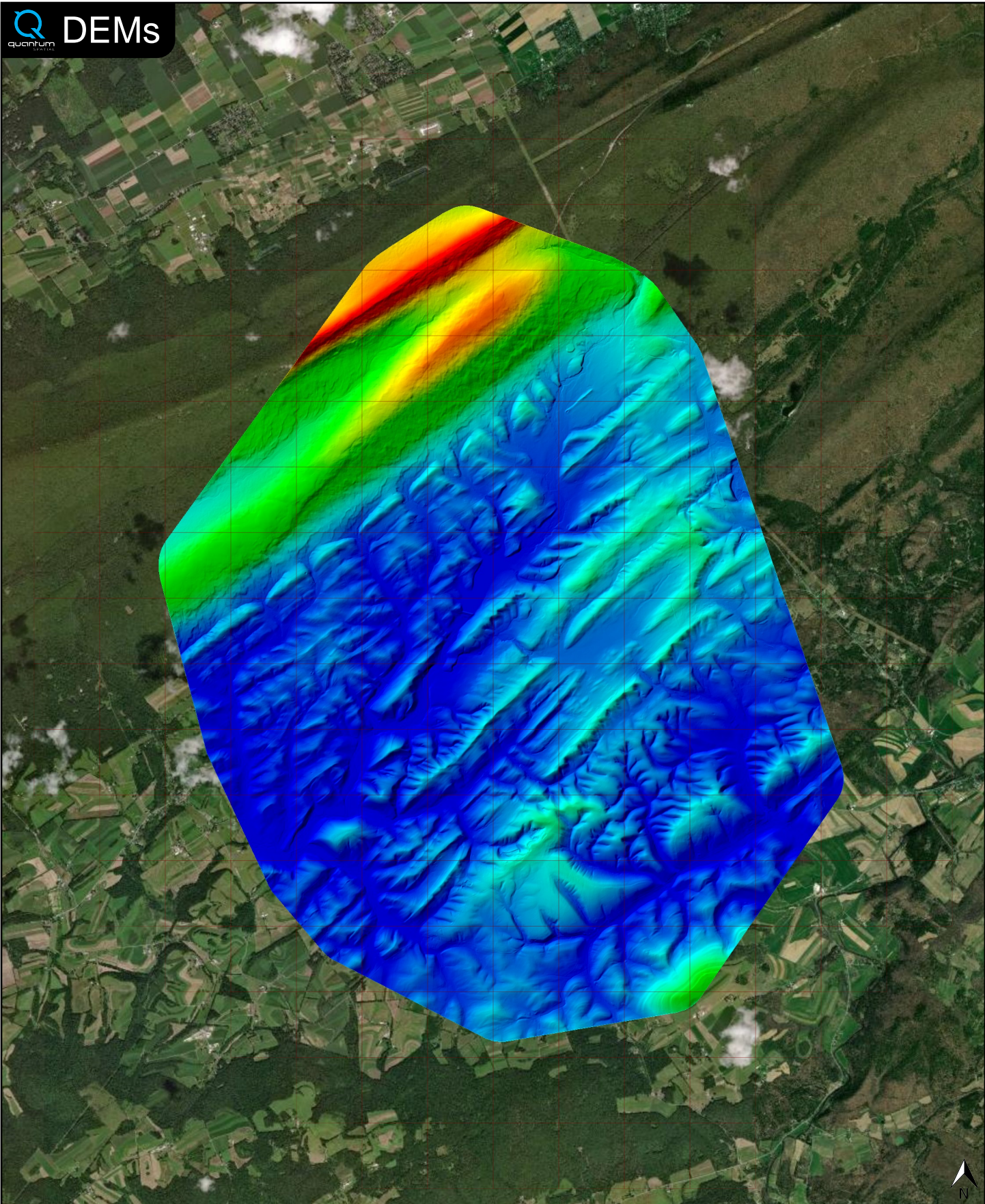
✓ General		
Folder:	P:\Projects\35749_PennStateU_Lidar_Imagery_Hyper\Deliveries\Lidar\BE_Raster\DEM	
Total # of Files:	182	(All Valid)
Total File Size:	641.6 MB	(672,763,364 bytes)

✓ Tile Sizes		
Median Tile Size:	900m x 900m	
Minimum Tile Size:	900m x 900m	
Maximum Tile Size:	900m x 900m	
X Range:	579900.00m to 592500.00m	
Y Range:	139300.00m to 154600.00m	
Elevation Range:	0.00m to 653.04m	

✓ Spatial Reference System (Method: Eprj_MapProjection842)		
Horizontal Projection	NAD83(2011) / Pennsylvania South	182 of 182 Tiles
Horizontal Datum	NAD83 (National Spatial Reference System 2011)	182 of 182 Tiles
Horizontal Units	meter	182 of 182 Tiles
Vertical Datum	NAVD88 height - Geoid12B (m)	182 of 182 Tiles
Vertical Units	meter	182 of 182 Tiles
Vertical USGS-Compliant	Yes	182 of 182 Tiles
Matches OGC Template	Yes	182 of 182 Tiles
Geoid	Geoid12B	182 of 182 Tiles

✓ Spatial Reference System (Method: Eprj_ProParameters)		
Zone	Lambert_Conformal_Conic -3702	182 of 182 Tiles
Datum	D_NAD_1983_2011	182 of 182 Tiles
Spheroid	GRS_1980	182 of 182 Tiles

✓ Raster		
File Type:	IMG	182 of 182
Bands:	1	182 of 182
Grid Size (pixels):	900 x 900	182 of 182
Pixel Resolution:	1.00000000m x 1.00000000m	182 of 182
Pixel Type:	32-bit Floating Point	182 of 182
Compression:	None	182 of 182
No Data Value:	-3.402823E+38	182 of 182



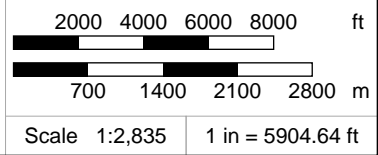
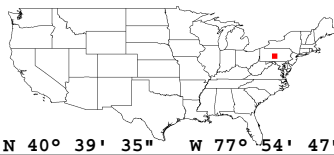
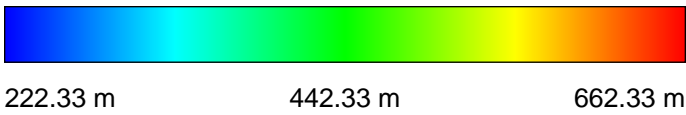
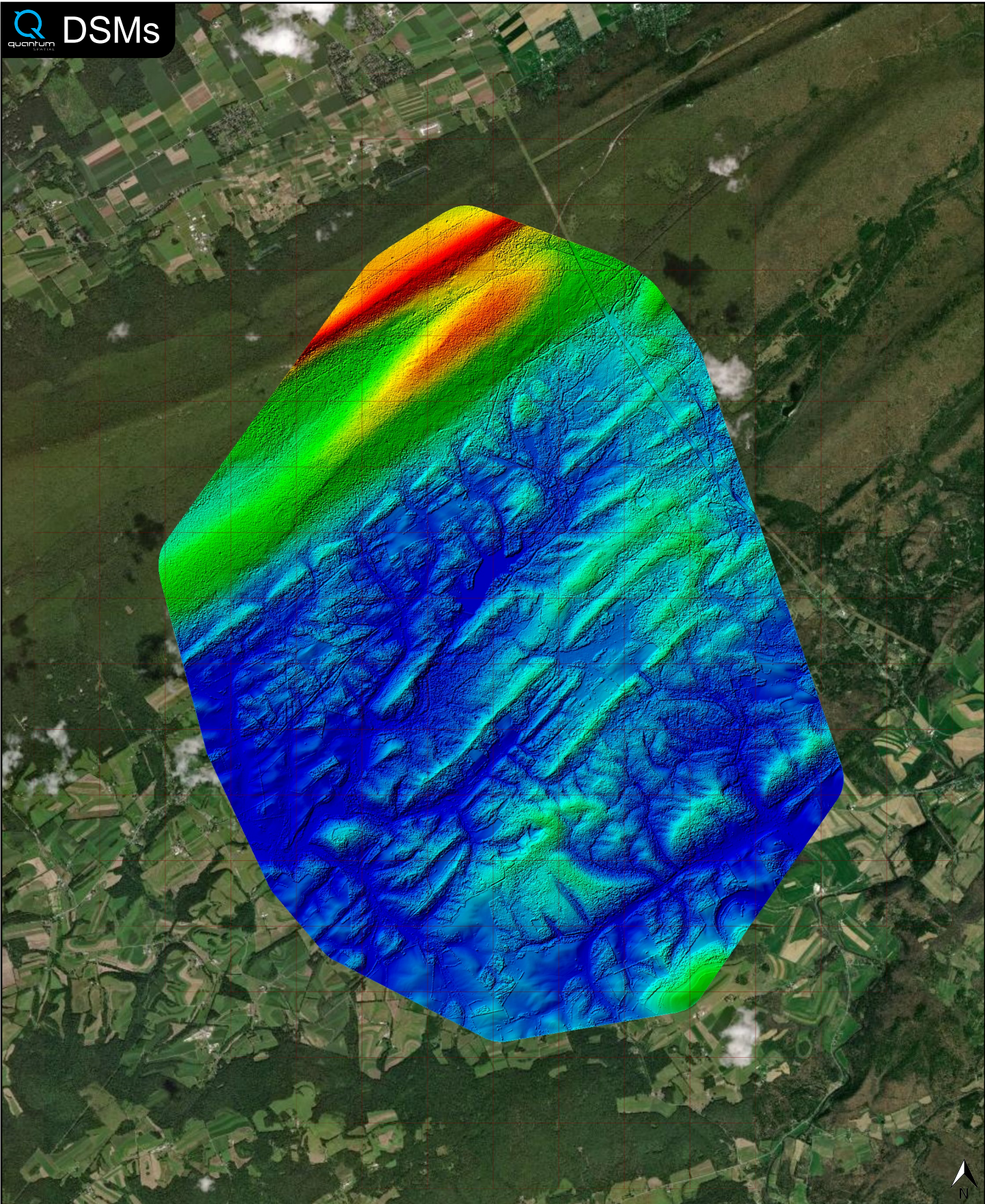
✓ General		
Folder:	P:\Projects\35749_PennStateU_Lidar_Imagery_Hyper\Deliveries\Lidar\BE_Raster\DSM	
Total # of Files:	182	(All Valid)
Total File Size:	641.6 MB	(672,763,364 bytes)

✓ Tile Sizes	
Median Tile Size:	900m x 900m
Minimum Tile Size:	900m x 900m
Maximum Tile Size:	900m x 900m
X Range:	579900.00m to 592500.00m
Y Range:	139300.00m to 154600.00m
Elevation Range:	0.00m to 665.73m

✓ Spatial Reference System (Method: Eprj_MapProjection842)		
Horizontal Projection	NAD83(2011) / Pennsylvania South	182 of 182 Tiles
Horizontal Datum	NAD83 (National Spatial Reference System 2011)	182 of 182 Tiles
Horizontal Units	meter	182 of 182 Tiles
Vertical Datum	NAVD88 height - Geoid12B (m)	182 of 182 Tiles
Vertical Units	meter	182 of 182 Tiles
Vertical USGS-Compliant	Yes	182 of 182 Tiles
Matches OGC Template	Yes	182 of 182 Tiles
Geoid	Geoid12B	182 of 182 Tiles

✓ Spatial Reference System (Method: Eprj_ProParameters)		
Zone	Lambert_Conformal_Conic -3702	182 of 182 Tiles
Datum	D_NAD_1983_2011	182 of 182 Tiles
Spheroid	GRS_1980	182 of 182 Tiles

✓ Raster		
File Type:	IMG	182 of 182
Bands:	1	182 of 182
Grid Size (pixels):	900 x 900	182 of 182
Pixel Resolution:	1.00000000m x 1.00000000m	182 of 182
Pixel Type:	32-bit Floating Point	182 of 182
Compression:	None	182 of 182
No Data Value:	-3.402823E+38	182 of 182



✓ General		
Folder:	P:\Projects\35749_PennStateU_Lidar_Imagery_Hyper\Deliveries\Lidar\BE_Raster\Intensity	
Total # of Files:	115	(All Valid)
Total File Size:	156.6 MB	(164,163,880 bytes)

✓ Tile Sizes	
Median Tile Size:	900m x 900m
Minimum Tile Size:	900m x 900m
Maximum Tile Size:	900m x 900m
X Range:	580800.00m to 591600.00m
Y Range:	141100.00m to 152800.00m

✓ Spatial Reference System		
Horizontal Projection	NAD_1983_2011_StatePlane_Pennsylvania_South_FIPS_3702	115 of 115 Tiles
Horizontal Datum	D_NAD_1983_2011	115 of 115 Tiles
Horizontal Units	Meter	115 of 115 Tiles
Vertical Datum	NONE	115 of 115 Tiles
Vertical Units	NONE	115 of 115 Tiles
Geoid	NONE	115 of 115 Tiles

✓ Raster		
File Type:	TIF	115 of 115
Bands:	1	115 of 115
Grid Size (pixels):	900 x 900	115 of 115
Pixel Resolution:	1.00000000m x 1.00000000m	115 of 115
Pixel Type:	8-bit Unsigned Integer (MINISBLACK)	115 of 115
Compression:	NONE	115 of 115
No Data Value:	NONE	115 of 115

