

Classified Point Cloud

Deliverable 1 Summary

✓ General		
Folder:	F:\USGS_Northern_California_LiDAR_Lot10_Delivery_Revisions\point_cloud\tilecls	
Total # of Files:	36	(All Valid)
Total File Size:	9.5 GB	(10,152,206,934 bytes)

✓ Tile Sizes	
Median Tile Size:	1,000m x 1,000m
Minimum Tile Size:	8m x 27m
Maximum Tile Size:	1,000m x 1,000m
X Range:	-2332999.99m to -2231999.99m
Y Range:	2146000.00m to 2231000.00m
Elevation Range:	-2.27m to 1954.89m

✓ LAS Version And Point Record Formats	
v1.4, Point Record Format 6	36 of 36 Tiles

✓ Spatial Reference System		
Horizontal Projection	NAD83(2011) / Conus Albers	36 of 36 Tiles
Horizontal Datum	NAD83 (National Spatial Reference System 2011)	36 of 36 Tiles
Horizontal Units	meter	36 of 36 Tiles
Vertical Datum	NAVD88 height	36 of 36 Tiles
Vertical Units	meter	36 of 36 Tiles
Storage Method	WKT	36 of 36 Tiles

✓ GPS Time Type	
Adjusted	36 of 36 Tiles

✓ File Source ID Equals 0	
Yes	36 of 36 Tiles

✓ VLR/EVLR Reserved Equals 0	
Yes	48 of 48 Records

✓ Unnecessary Bytes At End Of File	
No	36 of 36 Tiles

✓ Legacy Point Count Check	
Zero	36 of 36 Tiles

✓ System Identifier	
Quantum Spatial	36 of 36 Tiles

✓ Generating Software	
LiDAR Suite	36 of 36 Tiles

Classified Point Cloud Continued...

Deliverable 1 Summary

Point Classifications		
Class 1	72.07%	243,889,357 Points
Class 2	26.69%	90,329,879 Points
Class 7	0.02%	58,807 Points
Class 9	0.70%	2,364,936 Points
Class 17	0.01%	41,413 Points
Class 18	0.50%	1,685,758 Points
Class 20	0.01%	35,093 Points

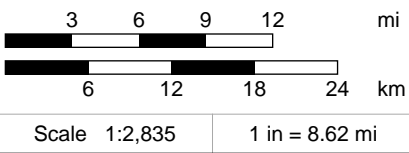
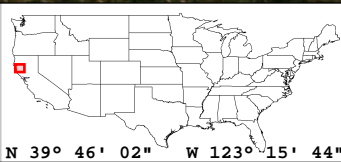
✓ Point Statistics	
Scan Angle:	-29 to 29
Intensity:	0 to 65535
First Date:	8/27/2018 12:16:50 AM
Last Date:	1/24/2019 9:11:49 PM



Classified LAS



Classified LAS Tiles (36)

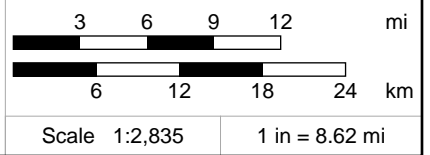
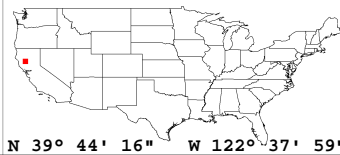
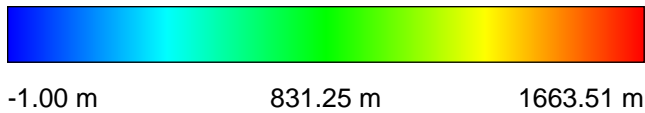
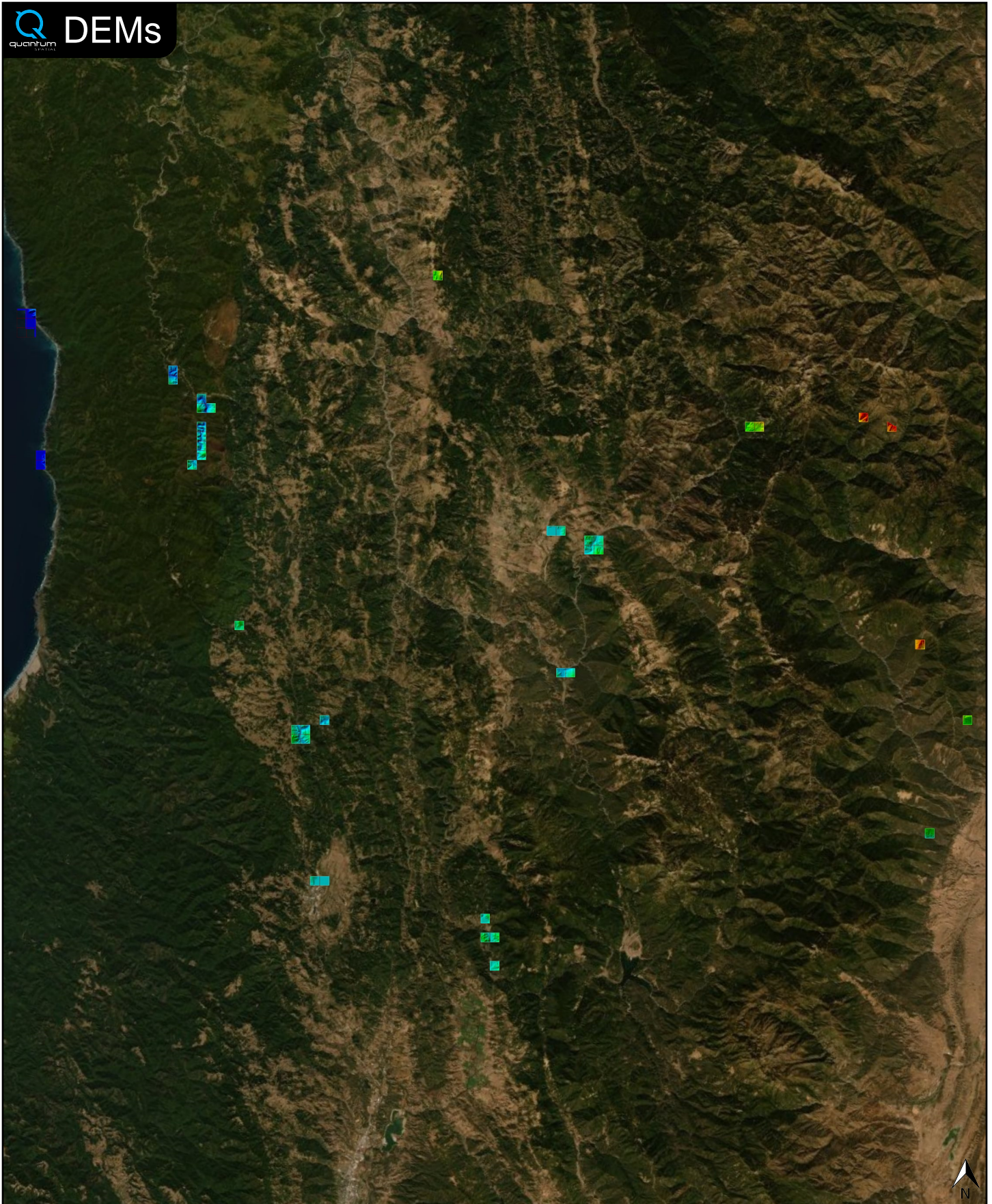


✓ General		
Folder:	F:\USGS_Northern_California_LiDAR_Lot10_Delivery_Revisions\bare_earth\be_rasters	
Total # of Files:	46	(All Valid)
Total File Size:	184.1 MB	(192,999,532 bytes)

✓ Tile Sizes	
Median Tile Size:	1,000m x 1,000m
Minimum Tile Size:	1,000m x 1,000m
Maximum Tile Size:	1,000m x 1,000m
X Range:	-2333000.00m to -2232000.00m
Y Range:	2146000.00m to 2220000.00m
Header Elevation Range:	UNKNOWN

✓ Spatial Reference System		
Horizontal Projection	NAD_1983_2011_Contiguous_USA_Albers	46 of 46 Tiles
Horizontal Datum	NAD_1983_2011	46 of 46 Tiles
Horizontal Units	Meter	46 of 46 Tiles
Vertical Datum	NAVD88 height	46 of 46 Tiles
Vertical Units	Meter	46 of 46 Tiles

✓ Raster		
File Type:	TIF	46 of 46
Bands:	1	46 of 46
Grid Size (pixels):	1000 x 1000	46 of 46
Pixel Resolution:	1.000000000m x 1.000000000m	46 of 46
Pixel Type:	32-bit	46 of 46
Compression:	None	46 of 46
No Data Value:	-3.402823E+38	46 of 46

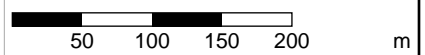
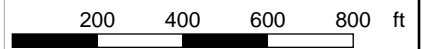
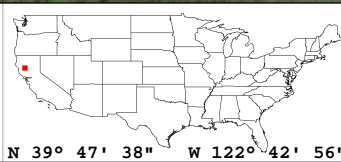


✓ General		
Folder:	F:\USGS_Northern_California_LiDAR_Lot10_Delivery_Revisions\other\Intensity_Images	
Total # of Files:	1	(All Valid)
Total File Size:	1.4 MB	(1,427,464 bytes)

✓ Tile Sizes	
Median Tile Size:	1,000m x 1,000m
Minimum Tile Size:	1,000m x 1,000m
Maximum Tile Size:	1,000m x 1,000m
X Range:	-2238000.00m to -2237000.00m
Y Range:	2180000.00m to 2181000.00m

✓ Spatial Reference System		
Horizontal Projection	NAD_1983_2011_Contiguous_USA_Albers	1 of 1 Tiles
Horizontal Datum	NAD_1983_2011	1 of 1 Tiles
Horizontal Units	Meter	1 of 1 Tiles
Vertical Datum	NAVD88 height	1 of 1 Tiles
Vertical Units	Meter	1 of 1 Tiles

✓ Raster		
File Type:	TIF	1 of 1
Bands:	1	1 of 1
Grid Size (pixels):	1000 x 1000	1 of 1
Pixel Resolution:	1.00000000m x 1.00000000m	1 of 1
Pixel Type:	8-bit Unsigned Integer (MINISBLACK)	1 of 1
Compression:	NONE	1 of 1
No Data Value:	NONE	1 of 1



Scale 1:2,835 1 in = 450.57 ft